Doc 7488/3

MANUAL OF THE ICAO STANDARD ATMOSPHERE

extended to 80 kilometres (262 500 feet)

MANUEL DE L'ATMOSPHÈRE TYPE OACI

élargie jusqu'à 80 kilomètres (262 500 pieds)

MANUAL DE LA ATMÓSFERA TIPO DE LA OACI

ampliada hasta 80 kilómetros (262 500 pies)

РУКОВОДСТВО ПО СТАНДАРТНОЙ АТМОСФЕРЕ ИКАО

с верхней границей, поднятой до 80 километров (262 500 футов)

THIRD EDITION — TROISIÈME ÉDITION
TERCERA EDICIÓN — ТРЕТЬЕ ИЗДАНИЕ

1993

INTERNATIONAL CIVIL AVIATION ORGANIZATION
ORGANISATION DE L'AVIATION CIVILE INTERNATIONALE
ORGANIZACIÓN DE AVIACIÓN CIVIL INTERNACIONAL
МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ГРАЖДАНСКОЙ АВИАЦИИ

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FOREWORD

As the result of recommendations made by the Airworthiness, the Operations and Meteorological Divisions, the ICAO Council at a meeting on 23 June 1950 agreed that a joint sub-commission of the Commission for Aeronautical Meteorology and the Aerological Commission of the International Meteorological Organization be established. Its mandate was to discuss with representatives of ICAO the establishment of a detailed specification of and the collection of data for the ICAO standard atmosphere defined in general terms in Part I of Annex 8 to the Convention on International Civil Aviation.

A working group consisting of the above-mentioned representatives met in July/August 1950 in Montreal and drafted a proposal for a detailed specification of the ICAO standard atmosphere. This proposal was included in Doc 7041 and at the beginning of 1951 was circulated to all Contracting States for comment.

On 7 November 1952 the Council approved the specification as detailed in Doc 7041 and directed the Secretary General to publish the specification and its associated tables and figures in the form of a technical manual.

All assumptions and basic data used in that manual were those adopted by the Council of ICAO. The mechanical work of calculating and checking the detailed tables and figures of the ICAO standard atmosphere was carried out by the United States National Advisory Committee for Aeronautics in co-operation with the Directorate General of Civil Aviation, Italy. By courtesy of these two governments, their work was made available for inclusion in that manual, which was published as ICAO Document 7488 (May 1954).

Even before publication of Doc 7488, it had become apparent that the ICAO standard atmosphere needed to be extended above the previously adopted limit of 20 km. In 1953 a Committee was created in the United States sponsored jointly by the Geophysics Research Directorate of the Air Force Cambridge Research Center and the United States Weather Bureau. During the same year representatives of 24 United States scientific and engineering organizations — both governmental and private — attended a meeting, to which ICAO sent an observer. The Committee decided to appoint a "Working Group on Extension to the Standard Atmosphere" to reconsider the temperature-altitude profile and to recommend basic values and parameters. The working group continued its activities during the years 1953 to 1956 and its recommendations, including a definition of the temperature-altitude profile up to 32 km, were adopted with modifications by the parent committee in 1956. In 1958 a report entitled "U.S. Extension to the ICAO Standard Atmosphere Tables and Data to 300 Standard Geopotential Kilometers" was issued in Washington, D.C. In 1959 the report was sent to the Secretary General of ICAO by the Representative of the United States on the Council of ICAO proposing international adoption of the 20 to 32 km portion of the report; however, the proposal was subsequently withdrawn pending the availability of revised data.

In 1962 detailed proposals for changes in certain constants associated with the ICAO standard atmosphere and for the extension of the standard atmosphere were submitted by the United States, together with the document "U.S. Standard Atmosphere — ICAO Standard Atmosphere to 20 km, Proposed ICAO extension to 32 km, Tables and Data to 700 km." This revised U.S. proposal was circulated for comment to all Contracting States, the International Air Transport Association, the International Federation of Air Line Pilots' Associations and the World Meteorological Organization.

On 12 November 1963 the Council approved the revised detailed specification of the ICAO standard atmosphere, and directed the Secretary General to re-issue the Tables of ICAO Standard Atmosphere, incorporating the revision and extension prepared by the United States. In accordance with the foregoing directive, the second edition of the manual was published in 1964.

On 23 March 1979 the Council approved the alignment of the system of units of measurement used in aviation (as specified in Annex 5) with the international system (SI). In line with the Council's wish that all ICAO documents comply with Annex 5 in respect of the units used, arrangements were made to revise the Manual of the ICAO Standard Atmosphere. Due to the fact that the second edition of the manual contained a complex mixture of SI units and non-SI units, the data in some of the tables had to be recalculated.

In addition to the question of the alignment of the units with Annex 5, two States (the Union of Soviet Socialist Republics and the United States), noting the possibility of

the development in the foreseeable future of aircraft capable of flying at very high altitudes, requested that the ICAO standard atmosphere be extended from the existing upper limit of 32 km to 80 km, which would correspond approximately to the height of the mesopause. The proposal to extend the upper limit of the standard atmosphere was circulated to all Contracting States for comment, and following consideration of States' replies, the Council, on 22 March 1988, adopted Amendment No.95 to Annex 8, which included the extension of the standard atmosphere to 80 km. As the revision of the manual to align it with Annex 5 already entailed recalculation of some of the tables, it was considered that this would also be an appropriate time to extend the atmosphere's upper limit.

The recalculation of the data in certain of the existing tables and the extension of the data in all tables from 32 km to 80 km necessarily required the use of sophisticated computer facilities in order to retain the existing level of accuracy of the data. At the time this task was started, the International Organization for Standardization (ISO) had recently published a standard atmosphere up to 80 km based upon the ICAO parameters defined in Annex 8. In an attempt to align the ICAO and ISO standard atmospheres, ISO was approached for assistance in providing the data needed for the revision and extension of the ICAO standard atmosphere. The competent ISO working body, Sub-committee ISO/TC-20/SC-6-Standard Atmosphere, in a meeting held in Moscow in October 1985, decided unanimously to provide assistance in recalculating the tables required for the alignment of Doc 7488 with Annex 5 and in extending its upper limit in accordance with Annex 8.

The method used for calculating the parameters and the necessary software were developed in the Central Aero-Hydrodynamic Institute (TSAGI), Union of Soviet Socialist Republics. The actual calculations were also carried out by the Union of Soviet Socialist Republics on behalf of the ISO committee, in accordance with the ICAO requirements and the ISO/TC-20/SC-6 plans. The result of the ISO work is being issued in parallel as Addendum 2 to International Standard ISO 2533: 1975, Standard Atmosphere.

This manual is intended to facilitate the uniform application of the ICAO standard atmosphere defined in Annex 8 and to provide users of the standard atmosphere with convenient sets of data that are accurate enough for practical applications, and that are based on internationally agreed physical constants and conversion factors. In view of the fact that the data tables published for the ICAO and ISO Standard Atmospheres are identical, any future amendments will be the subject of co-ordination between the two organizations.

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INTRODUCTION

General Note.— The decimal notation used in this manual conforms to ICAO practice. The ISO practice is to use a decimal point (.) in imperial measurements and a comma (,) in metric measurements.

1. SCOPE AND FIELD OF APPLICATION

This international standard specifies the characteristics of an ICAO standard atmosphere. It is intended for use in calculations in the design of aircraft, in presenting test results of aircraft and their components under identical conditions, and to facilitate standardization in the development and calibration of instruments. Its use is also recommended in the processing of data from geophysical and meteorological observations.

2. BASIC PRINCIPLES AND CALCULATION FORMULAE

2.1 Primary constants and characteristics

The tables of the ICAO standard atmosphere have been calculated assuming the air to be a perfect gas free from moisture and dust and based on conventional initial values of temperature, pressure and density of the air for mean sea level. The following constants and characteristics are used for calculations and their numerical values are given in Table A:

g_0 standard acceleration due to gravity. It conforms with latitude $\varphi = 45°32'33''$ using Lambert's equation of the acceleration due to gravity as a function of latitude φ (see reference 1):

$$g_\varphi = 9.806\,16(1 - 0.002\,637\,3\cos 2\varphi + 0.000\,005\,9\cos^2 2\varphi)$$

M_0 sea level mean molar mass, as obtained from the perfect gas law (equation (2)) when introducing the primary constants P_0, ρ_0, T_0, R^* (see Table A);

N_A Avogadro constant, based on the value of the nuclide ^{12}C, atomic mass = 12.000, as adopted in 1961 by the Conference of the International Union of Pure and Applied Chemistry as the basic atomic mass unity;

P_0 sea level atmospheric pressure;

R^* universal gas constant;

$R = R^*/M_0$ specific gas constant;

S and β_s Sutherland's empirical constants in the equation for dynamic viscosity;

T_i temperature of the ice point at mean sea level;

T_0 sea level temperature;

t_i Celsius temperature of the ice point at mean sea level;

t_0 Celsius sea level temperature;

$\kappa = c_p/c_v$ adiabatic index, the ratio of the specific heat of air at constant pressure to its specific heat at constant volume;

ρ_0 sea level atmospheric density;

σ effective collision diameter of an air molecule; taken as constant with altitude.

2.2 The hydrostatic equation and the perfect gas law

Being static with respect to the earth, the atmosphere is subject to gravity. The conditions of air static equilibrium are determined by the hydrostatic equation which relates air pressure p, density ρ, acceleration due to gravity g and altitude h as follows:

$$-dp = \rho g dh \qquad (1)$$

Table A. Primary constants and characteristics adopted for the calculation of the ICAO standard atmosphere

Symbol	Value	Unit of measurement
g_0	9.806 65	m/s^2
M_0 (see Note)	28.964 420	kg/kmol
N_A	602.257×10^{24}	$kmol^{-1}$
P_0	101.325×10^3	Pa
	1 013.250	hPa
R^*	8 314.32	$J/(K \cdot kmol)$ *or* $kg \cdot m^2/(s^2 \cdot K \cdot kmol)$
R (see Note)	287.052 87	$J/(K \cdot kg)$ *or* $m^2/(K \cdot s^2)$
S	110.4	K
T_i	273.15	K
T_0	288.15	K
t_i	0.00	°C
t_0	15.00	°C
β_s	1.458×10^{-6}	$kg/(m \cdot s \cdot K^{1/2})$
κ	1.4	dimensionless
ρ_0	1.225	kg/m^3
σ	0.365×10^{-9}	m

Note.— Not a primary constant per se; derived from primary constants.

The perfect gas law relates air pressure to density and temperature as follows:

$$p = \frac{\rho R^* T}{M_0} \qquad (2)$$

At the altitudes considered in this International Standard,

$$\frac{R^*}{M_0} = constant = R$$

then

$$p = \rho R T \qquad (3)$$

2.3 Geopotential and geometric altitudes; acceleration due to gravity

In considering pressure distribution in the atmosphere, it is convenient to introduce the gravity potential or geopotential Φ, which characterizes the potential energy of an air particle at a given point.

Any point with x,y,z coordinates may be characterized by a single value of gravity potential $\Phi(x,y,z)$ in it. The surface defined by the equation

$$\Phi(x, y, z) = constant$$

is of the same potential in all points and is called an isopotential or geopotential surface. When moving along an external normal from any point on the surface Φ_1, to the infinitely close point where the value of the potential is $\Phi_2 = \Phi_1 + d\Phi$, the work performed for shifting a unit mass from the first surface to the second one will be:

$$d\Phi = g(h)dh \tag{4}$$

hence

$$\Phi = \int_0^h g(h)dh \tag{5}$$

By dividing the geopotential Φ by the standard acceleration due to gravity g_0, one obtains the value of a length dimension which, symbolized as H, will be:

$$H = \frac{\Phi}{g_0} = \frac{1}{g_0}\int_0^h g(h)dh \tag{6}$$

Expressed in metres, the value H is numerically equal to the geopotential altitude, which in meteorology is measured in so-called standard geopotential metres; hence, this value will be called geopotential altitude. The mean sea level is taken as a reference for readings for both geopotential and geometrical altitudes.

Note.— The standard geopotential metre (m′), which is equal to 9.806 65 m^2/s^2, has been adopted by the World Meteorological Organization (see Technical Regulations, *WMO, No. 49, Volume 1, ed. 1971 — Appendix C) and from 1 July 1972 replaces the geopotential metre formerly in use. Its value was 1 gpm = 9.8 m^2/s^2.*

From equation (6) it can be seen that, in order to relate geopotential and geometric altitudes, it is necessary first to find a relationship between acceleration due to gravity g and geometric altitude h.

It is known that gravity is a vectorial summation of the gravitational attraction and the centrifugal force induced by the earth's rotation; it is therefore a complex function of a latitude and a radial distance from the earth's centre and the expression for acceleration due to gravity is generally awkward and unpractical for use. However, the acceleration g may be obtained with sufficient accuracy for the purpose of this standard atmosphere by formally neglecting centrifugal acceleration and using only Newton's gravitation law. In this case:

$$g = g_0\left(\frac{r}{r+h}\right)^2 \tag{7}$$

where r = 6 356 766 m is the nominal earth's radius (see reference 1), for which acceleration due to gravity and the vertical gradient of acceleration at mean sea level are very close to true values at the latitude 45°32′33″.

The values of g, as calculated using the simplified equation (7) with g_0 = 9.806 65 m/s^2 for the altitude of 60 000 m, do not differ by more than 0.001 per cent from the values calculated using the more accurate equation (6).

Integration of equation (6), substituting for g with its function from equation (7), gives the following relationship between geopotential and geometric altitudes:

$$H = \frac{rh}{r+h} \tag{8}$$

$$h = \frac{rH}{r-H} \tag{9}$$

2.4 Atmospheric composition and mean molar mass

The earth's atmosphere is a mixture of gas, water vapour and a certain quantity of aerosol. Under certain conditions, the quantities of water vapour, carbon dioxide and ozone, as well as other components which occur in insignificant amounts in the atmosphere, may vary. The water vapour undergoes the greatest variations. Its concentration at the earth's surface may reach 4 per cent under high temperature conditions; however, this decreases with altitude as the temperature decreases. Dry, clean air composition up to altitudes of 90 to 95 km remains practically constant and corresponds to that given in Table B.

The mean molar mass is determined from the perfect gas law (equation (2)) using the standard values of pressure P_0, density ρ_0 and temperature T_0 for mean sea level, as well as the universal gas constant R^*.

2.5 Physical characteristics of the atmosphere at mean sea level

For the calculation of the ICAO standard atmosphere, the mean sea level is defined as zero altitude for which the initial characteristics g_0, P_0, ρ_0 and T_0 given in Table A apply. The remaining characteristics have been calculated using the initial ones as a basis and are presented in Table C:

a_0 speed of sound;

H_{p0} pressure scale height;

Table B. Dry, clean air composition near sea level[1]

Gas	Content of volume %	Molar mass *M* kg/kmol
Nitrogen (N_2)	78.084	28.013 4
Oxygen (O_2)	20.947 6	31.998 8
Argon (Ar)	0.934	39.948
Carbon dioxide (CO_2)	0.031 4*	44.009 95
Neon (Ne)	1.818×10^{-3}	20.183
Helium (He)	524.0×10^{-6}	4.002 6
Krypton (Kr)	114.0×10^{-6}	83.80
Xenon (Xe)	8.7×10^{-6}	131.30
Hydrogen (H_2)	50.0×10^{-6}	2.015 94
Nitrogen monoxide (N_2O)	50.0×10^{-6}*	44.012 8
Methane (CH_4)	0.2×10^{-3}	16.043 03
Ozone (O_3) in summer	up to 7.0×10^{-6}*	47.998 2
in winter	up to 2.0×10^{-6}*	47.998 2
Sulphur dioxide (SO_2)	up to 0.1×10^{-3}*	64.062 8
Nitrogen dioxide (NO_2)	up to 2.0×10^{-6}*	46.005 5
Iodine (I_2)	up to 1.0×10^{-6}*	253.808 8
Air	100	28.964 420**

* The content of the gas may undergo significant variations from time to time or from place to place.
** This value is obtained from the perfect gas law (equation (2)).

1. *U.S. Committee on Extension to the Standard Atmosphere: U.S. Standard Atmosphere*, 1962. U.S. Government Printing Office. Washington, D.C. 1963.

l_0 mean free path;

n_0 number density;

$\overline{v_0}$ mean particle speed;

γ_0 specific weight;

υ_0 kinematic viscosity;

λ_0 thermal conductivity;

μ_0 dynamic viscosity;

ω_0 collision frequency.

2.6 Temperature and vertical temperature gradient

Temperature of the ice point under a pressure of 1 013.25 hPa is taken as T_i = 273.15 K. Temperature T (in Kelvins, K) is:

$$T = T_i + t \tag{10}$$

where t is the Celsius temperature.

According to the temperature variations with altitude, the atmosphere is divided into several layers. The transitional zones between these layers are called tropopause, stratopause and mesopause respectively. For calculating a standard atmosphere, the temperature of each layer is taken as a linear function of geopotential altitude, so that

$$T = T_b + \beta(H - H_b) \tag{11}$$

where T_b and H_b are respectively the temperature and the geopotential altitude of the lower limit of the layer concerned and β is the vertical temperature gradient, dT/dH.

The values of temperature and its vertical gradients adopted for the ICAO standard atmosphere are given in Table D.

2.7 Pressure

Assuming a linear variation of the temperature with geopotential altitude, the simultaneous solution of the hydrostatic equation (equation (1)) and the perfect gas law (equation (2)) yields the following expression for pressure:

Table C. Physical characteristics of the atmosphere at mean sea level

Symbol	Value	Unit of measurement
a_0	340.294	m/s
H_{p_0}	8 434.5	m
l_0	66.328×10^{-9}	m
n_0	25.471×10^{24}	m^{-3}
$\overline{v_0}$	458.94	m/s
γ_0	12.013	N/m^3
υ_0	14.607×10^{-6}	m^2/s
λ_0	25.343×10^{-3}	$W/(m \cdot K)$
μ_0	17.894×10^{-6}	$Pa \cdot s$
ω_0	$6.919\,3 \times 10^{9}$	s^{-1}

$$\ln p = \ln p_b - \frac{g_0}{\beta R} \ln \frac{T_b + \beta(H - H_b)}{T_b}$$

or

$$p = p_b \left[1 + \frac{\beta}{T_b}(H - H_b) \right]^{-g_0/\beta R} \quad \text{for } \beta \neq 0 \qquad (12)$$

and

$$\ln p = \ln p_b - \frac{g_0}{RT}(H - H_b)$$

or

$$p = p_b \exp\left[-\frac{g_0}{RT}(H - H_b) \right] \quad \text{for } \beta = 0 \qquad (13)$$

Here subscript "*b*" refers the values of the pertinent characteristics to the lower limit of the layer concerned.

2.8 Density and specific weight

The density ρ is calculated from the pressure and the temperature using the perfect gas law:

$$\rho = \frac{p}{RT} \qquad (14)$$

The specific weight γ is the weight per unit volume of air, that is:

$$\gamma = \rho g \qquad (15)$$

2.9 Pressure scale height

Pressure scale height H_p is determined by the equation

$$H_p = \frac{R^*}{M_0} \cdot \frac{T}{g} = \frac{RT}{g} \qquad (16)$$

Table D. Temperatures and vertical temperature gradients

Geopotential altitude *H*, km	Temperature *T*, K	Temperature gradient β, K/km
−5.00	320.65	
		−6.50
0.00	288.15	
		−6.50
11.00	216.65	
		0.00
20.00	216.65	
		+1.00
32.00	228.65	
		+2.80
47.00	270.65	
		0.00
51.00	270.65	
		−2.80
71.00	214.65	
		−2.00
80.00	196.65	

2.10 Number density

The number density *n*, i.e the number of neutral air particles per unit volume, is given by the equation

$$n = \frac{N_A p}{R^* T} \tag{17}$$

2.11 Mean particle speed

The mean particle speed $\bar{v}$ is defined as the arithmetic average of air-particle speeds obtained from Maxwell's distribution of molecular speeds in the monatomic perfect gas under thermodynamical equilibrium conditions disregarding any exterior force; hence

$$\bar{v} = \left(\frac{8}{\pi} RT\right)^{1/2} = 1.595\ 769\ \sqrt{RT} \tag{18}$$

2.12 Mean free path

An air particle between two successive collisions moves uniformly along a straight line, passing a certain average distance, called a mean free path of air particles. Taking into account the distribution of relative speeds of colliding particles, the mean free path is defined by the expression

$$l = \frac{R^*}{\sqrt{2}\pi N_A \sigma^2} \cdot \frac{T}{p} = \frac{1}{\sqrt{2}\pi\sigma^2 n} \tag{19}$$

2.13 Collision frequency

The collision frequency ω is the mean particle speed divided by the mean free path at the same altitude, i.e. $\omega = \bar{v}/l$; hence, taking into account equations (18) and (19),

$$\omega = 4\sigma^2 N_A \left(\frac{\pi}{R^* M_0}\right)^{1/2} \cdot \frac{p}{T^{1/2}} = 0.944\ 541 \times 10^{-18} n \sqrt{RT} \tag{20}$$

2.14 Speed of sound

The speed of sound *a* is given by the expression

$$a = (\kappa RT)^{1/2} = 20.046\ 796\ \sqrt{T} \tag{21}$$

where

$$\kappa = \frac{c_p}{c_v} = 1.4$$

This expression (equation (21)) presents the speed of propagation of an infinitesimal perturbation in a gas. That is why this formula may not be used for calculation, for example, of the speed of propagation of shock waves induced by blast, detonation, body motion in the air at supersonic speed, etc.

The concept of speed of sound loses its meaning with very intensive attenuation of sound pulses which occurs above the altitude limits considered for the ICAO standard atmosphere.

2.15 Dynamic viscosity

The dynamic viscosity μ is defined as the value of internal friction between two neighbouring layers of air moving at different speeds. The tables are established using the following equation based on the kinetic theory with constants derived from experiments:

$$\mu = \frac{\beta_s T^{3/2}}{T + S} \tag{22}$$

In this equation β_S and S are Sutherland's empirical constants (see Table A).

Equation (22) is invalid for very high or very low temperatures and under conditions occurring at altitudes above 90 km.

2.16 Kinematic viscosity

The kinematic viscosity υ is defined as the ratio of the dynamic viscosity to the air density, i.e.:

$$\upsilon = \frac{\mu}{\rho} \tag{23}$$

The limits for the use of this equation are similar to those of the dynamic viscosity.

2.17 Thermal conductivity

The thermal conductivity λ is calculated from the following empirical formula:

$$\lambda = \frac{2.648\ 151 \times 10^{-3} \cdot T^{3/2}}{T + [245.4 \times 10^{-(12/T)}]} \qquad (24)$$

where λ is expressed in $W/(m \cdot K)$ and T in Kelvins.

3. COMMENTS ON PRESENTATION OF THE TABLES

The tables contained in the following part of this manual were calculated using the constants, coefficients and equations given in Section 2 above.

Calculations were made on a Minsk-22 digital computer and the calculation of separate control points was made on other machines. The tables were established directly by digital printing devices on the computers and have been reproduced by a digital optical scanner in order to reduce the possibility of errors to a minimum.

Data in the tables are given in SI units except in Tables 1 and 4, in which temperatures are given in Celsius degrees, and in Tables 4, 5 and 6 as well as on the right-hand pages of Table 7, in which heights are given in feet.

Note 1.— A one- or two-digit number (preceded by a plus or a minus sign) following the initial entry of each block indicates the power of ten by which that entry and each succeeding entry of that block should be multiplied. A change of power occurring within a block is indicated by a similar notation.

Note 2.— All the tables are calculated for the layer from –5 to 80 km except for the hypsometrical tables (Table 7) which are published up to 32 km only.

4. REFERENCES

1. R.J. List, ed. *Smithsonian Meteorological Tables*, Sixth Revised Edition. Washington, D.C. 1963.

2. U.S. Committee on Extension to the Standard Atmosphere. *U.S. Standard Atmosphere, 1962*. U.S. Government Printing Office. Washington, D.C. 1962.

AVANT-PROPOS

À la suite de recommandations formulées par la Division des certificats de navigabilité, la Division de l'exploitation et la Division de météorologie, le Conseil de l'OACI a approuvé, le 23 juin 1950, la convocation d'une sous-commission mixte de la Commission de Météorologie aéronautique et de la Commission aérologique de l'Organisation météorologique internationale, en vue d'étudier, avec des représentants de l'OACI, la détermination détaillée et les données de l'atmosphère type OACI dont la définition générale figure à la 1re Partie de l'Annexe 8 à la Convention relative à l'aviation civile internationale.

Un groupe d'étude formé de représentants des organes mentionnés plus haut s'est réuni à Montréal (juillet-août 1950) et a établi un projet de détermination détaillée de l'atmosphère type OACI. Ce projet fait l'objet du document 7041 qui, au début de 1951, a été communiqué pour avis à tous les États contractants.

Le 7 novembre 1952, le Conseil de l'OACI a approuvé la détermination détaillée de l'atmosphère type OACI (Doc 7041) et a chargé le Secrétaire général de la publier, ainsi que les tableaux et graphiques correspondants, sous forme de manuel technique.

Toutes les hypothèses et données fondamentales utilisées dans ce manuel étaient celles adoptées par le Conseil de l'OACI. Les opérations matérielles de calcul et de vérification des tableaux détaillés et figures correspondant à l'atmosphère type OACI ont été réalisées par le National Advisory Committee for Aeronautics des États-Unis, en coopération avec la Direction générale de l'aviation civile d'Italie. Le gouvernement des États-Unis et le gouvernement italien ont bien voulu mettre ces éléments à la disposition de l'OACI, en vue de leur insertion dans ce manuel (document 7488 de l'OACI, publié en mai 1954).

Même avant la publication du document 7488, il était évident qu'il serait nécessaire d'étendre l'atmosphère type OACI au-delà de la limite supérieure de 20 km précédemment adoptée. En 1953, on a institué aux États-Unis un comité sous le patronage conjoint de la Geophysics Research Directorate de l'Air Force Cambridge Research Center, et de l'United States Weather Bureau. La même année, des représentants de 24 organismes scientifiques et techniques des États-Unis, publics et privés, ont participé à une réunion à laquelle l'OACI était représentée par un observateur. Ce comité a chargé un groupe d'étude sur l'extension de l'atmosphère type de procéder à un nouvel examen de la courbe température-altitude et de proposer des valeurs et des paramètres fondamentaux. Ce groupe d'étude a poursuivi ses travaux de 1953 à 1956 et ses recommandations, y compris une définition de la courbe température-altitude jusqu'à 32 km, ont été adoptées en 1956, après modification, par le comité qui l'avait institué. Un rapport intitulé "US Extension to the ICAO Standard Atmosphere Tables and Data to 300 Standard Geopotential Kilometers" (Projet d'extension de l'atmosphère type OACI établi par les États-Unis, Tableaux et données jusqu'à 300 kilomètres géopotentiels standard) a été publié à Washington, D.C., en 1958. Il a été communiqué en 1959 au Secrétaire général de l'OACI par le représentant des États-Unis au Conseil de l'OACI, en même temps qu'une proposition d'adoption à l'échelle internationale de la partie du rapport traitant des altitudes comprises entre 20 et 32 km; toutefois, la proposition a été retirée par la suite en attendant que les données révisées soient prêtes.

Les États-Unis ont présenté en 1962 des propositions détaillées de modification de certaines constantes ayant un rapport avec l'atmosphère type OACI, et d'extension de l'atmosphère type, ainsi que le document "U.S. Standard Atmosphere — ICAO Standard Atmosphere to 20 km, Proposed ICAO extension to 32 km, Tables and Data to 700 km". Cette proposition révisée des États-Unis a été communiquée pour avis à tous les États contractants, à l'Association du transport aérien international, à la Fédération internationale des associations de pilotes de ligne et à l'Organisation météorologique mondiale.

Le 12 novembre 1963, le Conseil a adopté les spécifications détaillées révisées de l'atmosphère type OACI et chargé le Secrétaire général de publier une nouvelle édition des tableaux de l'atmosphère type OACI en tenant compte de la révision et de l'extension préparées par les États-Unis. Conformément à la directive précitée, la deuxième édition du Manuel a été publiée en 1964.

Le 23 mars 1979, le Conseil a approuvé la proposition visant à aligner les unités de mesure utilisées en aviation (conformément à l'Annexe 5) sur le Système international (SI). En vertu de la décision du Conseil selon laquelle tous les documents OACI doivent respecter l'Annexe 5 en ce qui concerne les unités utilisées, des dispositions ont été prises pour que le Manuel de l'atmosphère type OACI soit révisé. Étant donné que des unités SI et non SI sont utilisées dans la deuxième édition de ce manuel, il a fallu recalculer les données de certains tableaux.

Outre la question de l'alignement des unités sur l'Annexe 5, deux États (l'Union des républiques socialistes soviétiques et les États-Unis), notant la mise au point possible, dans un avenir prévisible, d'aéronefs capables d'évoluer à de très hautes altitudes, ont demandé que la limite supérieure de l'atmosphère type OACI soit portée de 32 km à 80 km, c'est-à-dire environ à l'altitude de la mésopause. La proposition d'extension de l'atmosphère type a été communiquée à tous les États contractants pour qu'ils fassent leurs observations, et le 22 mars 1988, après examen des réponses des États, le Conseil a adopté l'Amendement n° 95 de l'Annexe 8, qui fixait la limite supérieure de l'atmosphère type à 80 km. Comme il fallait déjà recalculer les valeurs de quelques tableaux pour harmoniser le Manuel et l'Annexe 5, on a jugé le moment opportun pour augmenter la hauteur de l'atmosphère type.

Afin de maintenir le degré de précision actuel des données, il a fallu recourir à des systèmes informatiques perfectionnés pour recalculer les valeurs de certains tableaux existants et établir les données relatives aux altitudes comprises entre 32 km et 80 km. Au début des travaux, l'Organisation internationale de normalisation (ISO) venait tout juste de publier une norme concernant une atmosphère type s'étendant jusqu'à 80 km et fondée sur les caractéristiques définies dans l'Annexe 8 de l'OACI. Dans le but d'harmoniser les atmosphères types ISO et OACI, l'ISO a été appelée à contribuer aux travaux en fournissant les renseignements nécessaires à la révision et à l'extension des données relatives à l'atmosphère type OACI. Lors d'une réunion tenue à Moscou en octobre 1985, l'organe de travail compétent de l'ISO, le Sous-comité 6 du Comité technique 20 (ISO/TC-20/SC-6) a décidé à l'unanimité de prêter son concours en recalculant les tableaux nécessaires à l'alignement du Doc 7488 sur l'Annexe 5 et à l'extension de la limite supérieure de l'atmosphère type conformément à l'Annexe 8.

La méthode qui a servi au calcul des paramètres ainsi que le logiciel nécessaire ont été élaborés par l'institut central d'aéro-hydrodynamique (TSAGI) de l'Union des Républiques socialistes soviétiques. Ce dernier État a également effectué les calculs pour le compte du comité de l'ISO et conformément aux spécifications de l'OACI ainsi que des plans du Sous-Comité ISO/TC-20/SC-6. Les résultats des travaux de l'ISO sont publiés séparément dans l'Additif 2 à la Norme internationale ISO 2533 : 1975, Atmosphère type.

Le présent manuel vise à faciliter l'utilisation uniforme de l'atmosphère type OACI définie dans l'Annexe 8 et à fournir aux usagers de l'atmosphère type des ensembles de données qui sont d'une exactitude suffisante pour des applications pratiques et qui sont fondées sur des constantes physiques et des facteurs de conversion admis sur le plan international. Du fait que les tableaux de données concernant les atmosphères types OACI et ISO sont identiques, toute modification qu'il faudra leur apporter à l'avenir fera l'objet d'une coordination entre les deux organismes.

TABLE DES MATIÈRES

INTRODUCTION

Note générale.— La notation décimale utilisée dans le présent manuel est conforme à l'usage de l'OACI. L'ISO utilise le point décimal dans les mesures impériales, et la virgule dans les mesures métriques.

1. OBJET ET DOMAINE D'APPLICATION

La présente norme internationale spécifie les caractéristiques d'une atmosphère type OACI et est destinée à être utilisée dans les calculs et l'étude de projets d'aéronefs, pour présenter, dans des conditions identiques, les résultats des essais des aéronefs et de leurs éléments, et permettre une unification dans le domaine de l'étude et de l'étalonnage des instruments. Son utilisation est également recommandée pour le traitement des résultats des observations géophysiques et météorologiques.

2. HYPOTHÈSES FONDAMENTALES ET FORMULES DE CALCUL

2.1 Constantes et caractéristiques principales

Les tableaux de l'atmosphère type OACI ont été calculés dans l'hypothèse selon laquelle l'air est un gaz parfait, propre et sec; ils sont également basés sur les valeurs initiales conventionnelles pour la température, la pression et la masse volumique de l'air au niveau moyen de la mer. Les constantes et les caractéristiques suivantes sont utilisées dans les calculs, et leurs valeurs numériques sont données dans le Tableau A :

g_0 accélération normalisée due à la pesanteur. Elle correspond à la latitude $\varphi = 45°32'33''$ d'après l'équation de Lambert de l'accélération due à la pesanteur en fonction de la latitude φ [voir référence 1] :

$$g_\varphi = 9{,}806\ 16(1 - 0{,}002\ 637\ 3\cos 2\varphi + 0{,}000\ 005\ 9\cos^2 2\varphi)$$

M_0 masse molaire moyenne au niveau de la mer, obtenue à partir de l'équation d'état des gaz parfaits [équation (2)] lors de la substitution des constantes principales P_0, ρ_0, T_0, R^* (voir Tableau A);

N_A constante d'Avogadro, calculée à partir de la valeur de la masse atomique du nuclide ^{12}C = 12,000, adoptée en 1961 par le Congrès de l'Union internationale de chimie pure et appliquée comme l'unité de base de la masse atomique;

P_0 pression atmosphérique au niveau de la mer;

R^* constante universelle des gaz;

$R = R^*/M_0$ constante spécifique des gaz;

S et β_s coefficients empiriques de Sutherland dans l'équation de la viscosité dynamique;

T_i température du point de fusion de la glace au niveau moyen de la mer;

T_0 température de l'air au niveau de la mer;

t_i température Celsius de fusion de la glace au niveau moyen de la mer;

t_0 température Celsius au niveau de la mer;

$\kappa = c_p/c_v$ indice adiabatique, rapport des chaleurs spécifiques de l'air à pression constante et à volume constant;

ρ_0 masse volumique de l'air au niveau de la mer;

σ diamètre effectif des molécules d'air lors des chocs; supposé constant pour toutes les altitudes.

2.2 Équation hydrostatique et loi des gaz parfaits

L'atmosphère, immobile par rapport à la Terre, est soumise à la pesanteur. Les conditions d'équilibre statique de l'air sont déterminées par l'équation hydrostatique

Tableau A. Constantes et caractéristiques principales adoptées dans le calcul de l'atmosphère type OACI

Symbole	Valeur	Unité de mesure
g_0	9,806 65	m/s^2
M_0 (voir Note)	28,964 420	kg/kmol
N_A	$602,257 \times 10^{24}$	$kmol^{-1}$
P_0	$101,325 \times 10^3$	Pa
	1 013,250	hPa
R^*	8 314,32	$J/(K \cdot kmol)$ *ou* $kg \cdot m^2/(s^2 \cdot K \cdot kmol)$
R (voir Note)	287,052 87	$J/(K \cdot kg)$ *ou* $m^2/(K \cdot s^2)$
S	110,4	K
T_i	273,15	K
T_0	288,15	K
t_i	0,00	°C
t_0	15,00	°C
β_s	$1,458 \times 10^{-6}$	$kg/(m \cdot s \cdot K^{1/2})$
κ	1,4	sans dimension
ρ_0	1,225	kg/m^3
σ	$0,365 \times 10^{-9}$	m

Note.— N'est pas une constante principale à proprement parler; calculé à partir de constantes principales.

suivante, liant la pression de l'air p, la masse volumique ρ, l'accélération due à la pesanteur g et l'altitude h :

$$-dp = \rho g dh \qquad (1)$$

La loi des gaz parfaits lie la pression de l'air à la masse volumique et à la température comme suit :

$$p = \frac{\rho R^* T}{M_0} \qquad (2)$$

Pour les altitudes considérées dans la présente norme internationale,

$$\frac{R^*}{M_0} = constante = R$$

d'où

$$p = \rho R T \qquad (3)$$

2.3 Altitude géopotentielle et altitude géométrique; accélération due à la pesanteur

Dans l'étude de la répartition de la pression dans l'atmosphère, il est préférable d'introduire le potentiel de la force de la pesanteur ou le géopotentiel Φ, qui définit l'énergie potentielle d'une particule d'air située en un point donné.

Tout point des coordonnées x,y,z peut être caractérisé par une valeur unique de son potentiel de la force de la pesanteur $\Phi(x,y,z)$. La surface représentée par l'équation

$$\Phi(x, y, z) = constante$$

a un même potentiel dans tous les points et est appelée surface isopotentielle ou surface géopotentielle. Si l'on passe, suivant la normale extérieure d'un point situé sur la surface Φ_1, à un point infiniment plus proche, dont la

valeur de potentiel sera $\Phi_2 = \Phi_1 + d\Phi$, pour transférer l'unité de masse de la première surface à la seconde il est nécessaire d'effectuer un travail

$$d\Phi = g(h)dh \tag{4}$$

d'où, en intégrant,

$$\Phi = \int_0^h g(h)dh \tag{5}$$

Ayant divisé le géopotentiel Φ par l'accélération normalisée due à la pesanteur g_0, la valeur, en prenant en considération la longueur, désignée par le symbole H, sera

$$H = \frac{\Phi}{g_0} = \frac{1}{g_0} \int_0^h g(h)dh \tag{6}$$

Exprimée en mètres, la valeur H est, en valeur numérique, égale à l'altitude géopotentielle qui est mesurée, en météorologie, en mètres géopotentiels normaux; cette valeur sera donc dénommée «altitude géopotentielle». Le niveau moyen de la mer est pris comme référence pour les lectures des altitudes géopotentielle et géométrique.

Note.— Le mètre géopotentiel normal (m'), qui équivaut à 9,806 65 m^2/s^2, est adopté par l'Organisation météorologique mondiale (voir le Règlement technique *de l'OMM, n° 49, vol. 1, éd. 1971 – Appendice C) et, depuis le 1er juillet 1972, remplace le «mètre géopotentiel», employé jusqu'à présent. La valeur de ce dernier était 1 gpm = 9,8 m^2/s^2.*

L'équation (6) montre que, pour établir la correspondance existant entre l'altitude géopotentielle et l'altitude géométrique, il faut connaître la valeur de l'accélération due à la pesanteur g en fonction de l'altitude géométrique h.

On sait que la force de la pesanteur est la somme vectorielle de la force d'attraction terrestre et de la force centrifuge due à la rotation de la Terre; elle est donc une fonction compliquée de la latitude et de la distance radiale au centre de la Terre, et l'expression de l'accélération due à la pesanteur est généralement peu pratique à l'utilisation. Mais il est cependant possible, dans le cas particulier de l'atmosphère définie ici, d'obtenir avec une précision suffisante une valeur approchée g ne tenant pas compte de l'accélération centrifuge et en n'utilisant que l'accélération d'attraction newtonienne. Dans ce cas,

$$g = g_0 \left(\frac{r}{r + h} \right)^2 \tag{7}$$

où r = 6 356 766 m est le rayon terrestre fictif [voir référence 1] pour lequel l'accélération due à la pesanteur et son gradient vertical, au niveau moyen de la mer, sont les plus rapprochés des valeurs réelles pour la latitude 45°32′33″.

La valeur de g déduite de l'équation simplifiée (7) avec g_0 = 9,806 65 m/s^2, pour les altitudes de 60 000 m, ne diffère au plus que de 0,001 % des valeurs calculées suivant l'équation plus précise (6).

De l'intégration de l'équation (6), après substitution de la valeur de g donnée par l'équation (7), résultent les relations suivantes entre l'altitude géopotentielle et l'altitude géométrique :

$$H = \frac{rh}{r + h} \tag{8}$$

$$h = \frac{rH}{r - H} \tag{9}$$

2.4 Composition de l'atmosphère et masse molaire moyenne

L'atmosphère terrestre est un mélange de gaz, de vapeur d'eau et d'une certaine quantité d'aérosols. Mais les quantités de vapeur d'eau, d'anhydride carbonique et d'ozone et de quelques autres constituants de l'air, dont le titre molaire est insignifiant, changent dans des conditions déterminées. C'est la teneur en vapeur d'eau qui est la plus variable de toutes; sa concentration à la surface de la Terre, en présence de fortes températures, peut atteindre 4 %, et diminuer rapidement lorsque l'altitude augmente et lorsque la température diminue. La composition de l'air propre et sec figurant au Tableau B demeure pratiquement constante jusqu'aux altitudes voisines de 90 à 95 km.

La masse molaire moyenne est déterminée en remplaçant, dans l'équation des gaz parfaits (2), la pression P_0, la masse volumique ρ_0 la température T_0 au niveau moyen de la mer et la constante universelle des gaz R^*, par leurs valeurs normalisées.

2.5 Caractéristiques physiques de l'atmosphère au niveau moyen de la mer

Dans les calculs de l'atmosphère type OACI, le niveau moyen de la mer est défini comme étant l'altitude zéro à laquelle les caractéristiques initiales, g_0, P_0, ρ_0 et T_0 données dans le Tableau A, sont applicables. Les autres caractéristiques, calculées d'après les caractéristiques initiales, sont présentées dans le Tableau C :

Tableau B. Composition de l'air propre et sec à proximité du niveau de la mer[1]

Gaz		Titre molaire %	Masse molaire *M* kg/kmol
Azote (N_2)		78,084	28,013 4
Oxygène (O_2)		20,947 6	31,998 8
Argon (Ar)		0,934	39,948
Anhydride carbonique (CO_2)		0,031 4*	44,009 95
Néon (Ne)		$1{,}818 \times 10^{-3}$	20,183
Hélium (He)		$524{,}0 \times 10^{-6}$	4,002 6
Krypton (Kr)		$114{,}0 \times 10^{-6}$	83,80
Xénon (Xe)		$8{,}7 \times 10^{-6}$	131,30
Hydrogène (H_2)		$50{,}0 \times 10^{-6}$	2,015 94
Protoxyde d'azote (N_2O)		$50{,}0 \times 10^{-6}$*	44,012 8
Méthane (CH_4)		$0{,}2 \times 10^{-3}$	16,043 03
Ozone (O_3)	en été	jusqu'à $7{,}0 \times 10^{-6}$*	47,998 2
	en hiver	jusqu'à $2{,}0 \times 10^{-6}$*	47,998 2
Anhydride sulfureux (SO_2)		jusqu'à $0{,}1 \times 10^{-3}$*	64,062 8
Peroxyde d'azote (NO_2)		jusqu'à $2{,}0 \times 10^{-6}$*	46,005 5
Iode (I_2)		jusqu'à $1{,}0 \times 10^{-6}$*	253,808 8
Air		100	28,964 420**

* La concentration des gaz peut varier dans des proportions notables, selon le temps et le lieu.
** La valeur est obtenue d'après l'équation de l'état des gaz parfaits [équation (2)].

1. *U.S. Committee on Extension to the Standard Atmosphere: U.S. Standard Atmosphere,* 1962. U.S. Government Printing Office. Washington, D.C. 1963.

a_0 vitesse du son;

H_{p0} altitude en échelle barométrique;

l_0 libre parcours moyen;

n_0 nombre volumique;

$\overline{v_0}$ vitesse moyenne des particules;

γ_0 poids spécifique;

υ_0 viscosité cinématique;

λ_0 conductivité thermique;

μ_0 viscosité dynamique;

ω_0 fréquence des chocs des particules d'air.

2.6 Température et gradient vertical de température

On admet que la température de fusion de la glace à la pression de 1 013,25 kPa est égale à T_i = 273,15 K. La température T (en kelvins, K) est égale à :

$$T = T_i + t \qquad (10)$$

où t est la température Celsius.

Selon la variation de la température en fonction de l'altitude, l'atmosphère est divisée en plusieurs régions. Les zones de transition d'une région à l'autre s'appellent dans l'ordre : tropopause, stratopause et mésopause. Pour le calcul de l'atmosphère type, on admet que la température de chaque région est une fonction linéaire de l'altitude géopotentielle, soit

$$T = T_b + \beta(H - H_b) \qquad (11)$$

où T_b et H_b sont respectivement la température et l'altitude géopotentielle de la limite inférieure de la région considérée, et $\beta = dT/dH$ le gradient vertical de température.

Les valeurs des températures et des gradients verticaux de température adoptées pour l'atmosphère type OACI sont données dans le Tableau D.

2.7 Pression

La résolution du système d'équations (1) et (2) donne, en admettant un gradient linéaire de température en fonction de l'altitude géopotentielle, les expressions suivantes pour la pression :

$$lnp = lnp_b - \frac{g_0}{\beta R} \ln \frac{T_b + \beta(H - H_b)}{T_b}$$

Tableau C. Caractéristiques physiques de l'atmosphère au niveau moyen de la mer

Symbole	Valeur	Unité de mesure
a_0	340,294	m/s
H_{p_0}	8 434,5	m
l_0	$66{,}328 \times 10^{-9}$	m
n_0	$25{,}471 \times 10^{24}$	m^{-3}
$\overline{v_0}$	458,94	m/s
γ_0	12,013	N/m^3
υ_0	$14{,}607 \times 10^{-6}$	m^2/s
λ_0	$25{,}343 \times 10^{-3}$	$W/(m \cdot K)$
μ_0	$17{,}894 \times 10^{-6}$	$Pa \cdot s$
ω_0	$6{,}919\ 3 \times 10^{9}$	s^{-1}

ou

$$p = p_b\left[1 + \frac{\beta}{T_b}(H - H_b)\right]^{-g_0/\beta R} \quad \text{pour } \beta \neq 0 \quad (12)$$

et

$$lnp = lnp_b - \frac{g_0}{RT}(H - H_b)$$

ou

$$p = p_b \exp\left[-\frac{g_0}{RT}(H - H_b)\right] \quad \text{pour } \beta = 0 \quad (13)$$

L'indice «*b*» désigne les valeurs des caractéristiques correspondant à la limite inférieure de la région considérée.

2.8 Masse volumique et poids spécifique

La masse volumique, ρ, se calcule en fonction de la pression et de la température à l'aide de la loi des gaz parfaits :

$$\rho = \frac{p}{RT} \quad (14)$$

Le poids spécifique, γ, est le poids par unité de volume de l'air, c'est-à-dire

$$\gamma = \rho g \quad (15)$$

2.9 Altitude en échelle barométrique

L'altitude en échelle barométrique, H_p, est déterminée par l'équation

$$H_p = \frac{R*}{M_0} \cdot \frac{T}{g} = \frac{RT}{g} \quad (16)$$

2.10 Nombre volumique

Le nombre volumique, *n*, c'est-à-dire le nombre de particules d'air neutres contenues dans l'unité de volume, est déterminée par l'équation

$$n = \frac{N_A p}{R*T} \quad (17)$$

Tableau D. Températures et gradients verticaux de l'atmosphère

Altitude géopotentielle *H*, km	Température *T*, K	Gradient de température β, K/km
−5,00	320,65	
		−6,50
0,00	288,15	
		−6,50
11,00	216,65	
		0,00
20,00	216,65	
		+1,00
32,00	228,65	
		+2,80
47,00	270,65	
		0,00
51,00	270,65	
		−2,80
71,00	214,65	
		−2,00
80,00	196,65	

2.11 Vitesse moyenne des particules

La vitesse moyenne des particules, $\bar{v}$, est la moyenne arithmétique des vitesses des particules d'air obtenue à partir de la distribution de Maxwell pour les vitesses des molécules d'un gaz parfait monoatomique dans les conditions d'équilibre thermodynamique et en absence de forces extérieures, d'où

$$\bar{v} = \left(\frac{8}{\pi}RT\right)^{1/2} = 1{,}595\ 769\ \sqrt{RT} \qquad (18)$$

2.12 Libre parcours moyen

Entre deux chocs successifs, la particule d'air effectue un mouvement rectiligne uniforme, en se déplaçant d'une certaine distance moyenne, appelée libre parcours moyen des particules d'air. Compte tenu de la distribution des vitesses relatives des particules subissant des chocs, ce libre parcours moyen s'exprime par l'expression suivante :

$$l = \frac{R*}{\sqrt{2}\pi N_A \sigma^2} \cdot \frac{T}{p} = \frac{1}{\sqrt{2}\pi\sigma^2 n} \qquad (19)$$

2.13 Fréquence des chocs

La fréquence des chocs des particules d'air, ω, est égale au rapport de la vitesse moyenne des particules d'air au libre parcours moyen des particules d'air à la même altitude, c'est-à-dire $\omega = \bar{v}/l$ d'où, d'après les équations (18) et (19)

$$\omega = 4\sigma^2 N_A \left(\frac{\pi}{R*M_0}\right)^{1/2} \cdot \frac{p}{T^{1/2}} = 0{,}944\ 541 \times 10^{-18} n\ \sqrt{RT} \qquad (20)$$

2.14 Vitesse du son

La vitesse du son, *a*, est donnée par la formule

$$a = (\kappa RT)^{1/2} = 20{,}046\ 796\ \sqrt{T} \qquad (21)$$

où

$$\kappa = \frac{c_p}{c_v} = 1{,}4$$

L'équation (21) désigne la vitesse de propagation d'une perturbation infiniment petite de gaz. Mais cette formule ne convient pas pour le calcul des ondes de choc lors d'une détonation ou d'une explosion, et des mouvements de corps dans l'air aux vitesses supersoniques, etc.

La notion de la vitesse du son perd tout son sens en présence de la très forte extinction des vibrations sonores qui a lieu en dehors des limites des altitudes considérées pour l'atmosphère type OACI.

2.15 Viscosité dynamique

La viscosité dynamique, μ, est déterminée par la valeur du frottement interne entre deux couches d'air voisines, se déplaçant à des vitesses différentes. Pour le calcul des tableaux, on utilise l'expression suivante, basée sur la théorie cinétique, mais avec les constantes obtenues expérimentalement :

$$\mu = \frac{\beta_s T^{3/2}}{T + S} \qquad (22)$$

Dans cette équation, β_S et S sont les coefficients empiriques de Sutherland (voir Tableau A).

L'équation (22) n'est pas applicable aux très hautes ou aux très basses températures, ainsi que dans les conditions rencontrées au-dessus de 90 km.

2.16 Viscosité cinématique

Par définition, la viscosité cinématique, υ, est le rapport de la viscosité dynamique de l'air à sa masse volumique, soit :

$$\upsilon = \frac{\mu}{\rho} \qquad (23)$$

L'emploi de cette équation appelle les mêmes réserves que celles formulées pour l'équation de la viscosité dynamique.

2.17 Conductivité thermique

La conductivité thermique, λ, se calcule d'après la formule empirique :

$$\lambda = \frac{2{,}648\ 151 \times 10^{-3} \cdot T^{3/2}}{T + [245{,}4 \times 10^{-(12/T)}]} \qquad (24)$$

où λ est exprimé en *W/(m · K)*, et *T* en kelvins.

3. OBSERVATIONS SUR LA PRÉSENTATION DES TABLEAUX

Les tableaux ci-après ont été calculés à l'aide des constantes, des coefficients et des équations figurant dans la section 2 ci-dessus.

Les calculs ont été effectués à l'aide d'une calculatrice numérique Minsk-22 et les calculs de certains points de contrôle ont été effectués sur d'autres calculatrices. Les tableaux ont été directement obtenus sur une imprimante reliée à la calculatrice et reproduits au moyen d'un lecteur optique numérique afin de réduire les risques d'erreurs au minimum.

Les tableaux ne sont donnés que dans le système SI, à l'exception des données des Tableaux 1 et 4, dans lesquels la température est présentée en degrés Celsius, et de celles des Tableaux 4, 5 et 6 ainsi que des pages de droite du Tableau 7, dans lesquels les hauteurs sont présentées en pieds.

Note 1.— Un nombre de un ou de deux chiffres (précédé du signe + ou –), placé à la suite de la première valeur d'un groupe, indique la puissance de 10 qui doit multiplier toutes les valeurs de ce groupe. Lorsque cette puissance change à partir d'une certaine valeur, la nouvelle puissance est indiquée à la suite de cette valeur.

Note 2.— Tous les tableaux portent sur les altitudes comprises entre –5 et 80 km sauf les tableaux hypsométriques (Tableau 7), qui ont trait aux altitudes jusqu'à 32 km seulement.

4. RÉFÉRENCES

1. R.J. List, ed. *Smithsonian Meteorological Tables*, Sixth Revised Edition. Washington, D.C. 1963.

2. U.S. Committee on Extension to the Standard Atmosphere. *U.S. Standard Atmosphere, 1962*. U.S. Government Printing Office. Washington, D.C. 1962.

PREÁMBULO

En virtud de las recomendaciones formuladas por los Departamentos de aeronavegabilidad, de operaciones y de meteorología, el Consejo de la OACI, en sesión celebrada el 23 de junio de 1950, convino en que debía crearse una subcomisión mixta, integrada por elementos de la Comisión de meteorología aeronáutica y de la Comisión aerológica de la Organización Meteorológica Internacional, para discutir con los representantes de la OACI el problema de la especificación detallada y de la presentación de datos de la atmósfera tipo de la OACI, definida en términos generales en la Parte I del Anexo 8 al Convenio sobre Aviación Civil Internacional.

En los meses de julio y agosto de 1950, se reunió en Montreal un grupo de estudio formado por los representantes de los órganos antes mencionados y formuló una propuesta referente a la especificación detallada de la atmósfera tipo de la OACI. Esta propuesta se incluyó en el Doc 7041, y a comienzos de 1951 se envió a todos los Estados contratantes rogándoles que la comentaran.

El 7 de noviembre de 1952 el Consejo aprobó la especificación detallada de la atmósfera tipo de la OACI contenida en el Doc 7041 y encargó al Secretario General que la publicara junto con sus correspondientes tablas y gráficos en forma de manual técnico.

Todas las hipótesis y los datos básicos utilizados en aquel manual eran los adoptados por el Consejo de la OACI. La labor material de cálculo y verificación de tablas y figuras de la atmósfera tipo de la OACI la llevó a cabo el National Advisory Committee for Aeronautics (NACA), de los Estados Unidos, en cooperación con la Dirección General de Aviación Civil de Italia. Los gobiernos de ambos países tuvieron la amabilidad de poner a disposición de la OACI los resultados obtenidos para su inserción en el manual, que se publicó como Doc 7488 de la OACI (mayo de 1954).

Aun antes de la publicación del Doc 7488 se había ido viendo claro que haría falta ampliar la atmósfera tipo de la OACI por encima del límite de 20 km previamente adoptado. En 1953, se creó en Estados Unidos un comité, patrocinado conjuntamente por la Dirección de investigaciones geofísicas del Centro Investigador de Cambridge, de la Fuerza Aérea, y por el Servicio Meteorológico de los Estados Unidos. Durante el mismo, año, representantes de 24 organismos científicos y técnicos — tanto gubernamentales como privados — de los Estados Unidos asistieron a una conferencia, a la cual la OACI envió un observador. El comité en cuestión decidió crear un "Grupo de estudio sobre la extensión de la atmósfera tipo", con idea de que considerara de nuevo el perfil temperatura-altitud y para que recomendara valores y parámetros básicos. El grupo de estudio continuó sus actividades durante los años 1953 a 1956 y sus recomendaciones, comprendida una definición del perfil temperatura-altitud hasta 32 km, fueron adoptadas, con modificaciones, por el Comité de que dependía, en 1956. En Washington, D.C. se publicó en 1958 un informe titulado "US Extension to the ICAO Standard Atmosphere Tables and Data to 300 Standard Geopotential Kilometers" (Extensión de la atmósfera tipo de la OACI adoptada por los Estados Unidos — Tablas y valores hasta 300 km geopotenciales normalizados). En 1959 el Representante de los Estados Unidos en el Consejo de la OACI envió el informe al Secretario General de la Organización proponiendo la adopción internacional de la parte del informe que se refería a altitudes de 20 a 30 km; no obstante, más tarde se retiró la propuesta pendiente en espera de los datos revisados.

En 1962 los Estados Unidos sometieron propuestas detalladas de modificaciones en ciertas constantes relacionadas con la atmósfera tipo de la OACI y referentes a la extensión de la atmósfera tipo, junto con el documento "Atmósfera tipo de los EUA – Atmósfera tipo de la OACI hasta 20 km, propuesta de extensión de la atmósfera de la OACI hasta 32 km, tablas y datos hasta 700 km". Esta propuesta revisada de los Estados Unidos se transmitió a todos los Estados contratantes, a la Asociación del Transporte Aéreo Internacional, a la Federación de Asociaciones de Pilotos de Línea Aérea y a la Organización Meteorológica Mundial, a fin de conocer sus comentarios.

El 12 de noviembre de 1963 el Consejo aprobó la especificación detallada y revisada de la atmósfera tipo de la OACI y encargó al Secretario General que volviera a publicar las tablas de la atmósfera tipo de la OACI, incorporando la revisión y extensión preparadas por los Estados Unidos.

El 23 de marzo de 1979 el Consejo decidió ajustar el sistema de unidades de medida utilizadas en la aviación (como se especifica en el Anexo 5) con el sistema internacional (SI). De conformidad con el deseo del Consejo de que en todos los documentos de la OACI se respetara el Anexo 5 en lo que atañe al uso de unidades de medida, se han adoptado las medidas necesarias para

revisar el manual de la atmósfera tipo de la OACI. Dado que la segunda edición del manual contenía una mezcla complicada de unidades SI y otras ajenas al sistema SI, fue menester calcular de nuevo los datos en algunas de las tablas.

Además de la cuestión del ajuste de las unidades de medida con las disposiciones del Anexo 5, dos Estados (los Estados Unidos y la Unión de Repúblicas Socialistas Soviéticas), tomando nota de la posibilidad de que se fabricaran en el futuro próximo aeronaves para vuelos a muy grandes altitudes, solicitaron que la atmósfera tipo de la OACI se extendiera, pasando el límite superior existente de 32 km a 80 km, lo que correspondería aproximadamente a la altura de la mesopausa. Se comunicó dicha propuesta a todos los Estados contratantes con objeto de obtener sus comentarios; luego, habiéndose examinado las respuestas recibidas, el Consejo adoptó, el 22 de marzo de 1988, la Enmienda 95 del Anexo 8 incluyendo la extensión de la atmósfera tipo hasta 80 km. Dado que la revisión del manual para ajustarlo a las disposiciones del Anexo 5 ya implicaba que se calcularan de nuevo algunas tablas, se consideró que ese era el momento oportuno para extender el límite superior de la atmósfera.

El nuevo cálculo de los datos en algunas de las tablas existentes y la extensión de los datos en todas las tablas, pasando de 32 a 80 km, exigía necesariamente el uso de instalaciones computadorizadas perfeccionadas con objeto de mantener el actual nivel de precisión de los datos. Cuando se inició esta tarea, se sabía que la Organización Internacional de Normalización (ISO) acababa de publicar una norma relativa a la atmósfera tipo hasta 80 km basada en los parámetros de la OACI definidos en el Anexo 8. Con objeto de ajustar las atmósferas tipo de la OACI y de la ISO, se solicitó la asistencia de esta última para proporcionar los datos que se necesitaban para la revisión y extensión de la atmósfera tipo de la OACI. El grupo de trabajo competente de la ISO, el subcomité ISO/TC-20/SC-6-atmósfera tipo, decidió por unanimidad, en una reunión celebrada en Moscú en octubre de 1985, proporcionar asistencia para calcular de nuevo las tablas necesarias a fin de que en el Doc 7488 se respetaran las disposiciones del Anexo 5 y se ampliara su límite superior de conformidad con el Anexo 8.

El método utilizado para calcular los parámetros y el soporte lógico necesario fueron elaborados en el Instituto Central Aerohidrodinámico (TSAGI) de la Unión de Repúblicas Socialistas Soviéticas; además, los cálculos mismos se llevaron asimismo a cabo en la Unión de Repúblicas Socialistas Soviéticas en nombre del Comité ISO, de conformidad con los requisitos de la OACI y los planes del ISO/TC-20/SC-6. El resultado de la labor de la ISO se publicará paralelamente como Adendo 2 a la Norma Internacional ISO 2533: 1975, Atmósfera tipo.

El presente manual tiene por objeto facilitar la aplicación uniforme de la atmósfera tipo de la OACI, definida en el Anexo 8, y proporcionar a los usuarios unas series de datos de consulta fácil, cuya precisión permite aplicaciones prácticas y que están basados en constantes físicas y factores de conversión convenidos internacionalmente. Dado que las tablas de datos publicadas para las atmósferas tipo de la OACI y de la ISO son idénticas, las eventuales enmiendas serán objeto de coordinación entre ambos organismos.

ÍNDICE

INTRODUCCIÓN

TABLAS

INTRODUCCIÓN

Nota.— En el presente Manual se han adoptado las presentaciones siguientes: a) en los números decimales, la parte entera está separada de la decimal por un punto (en vez de una coma); b) entre los símbolos, "ft" significa "pies", y "sec" (en vez de "s") designa los segundos.

1. OBJETO Y CAMPO DE APLICACIÓN

La presente norma internacional, en la que se especifican las características de una atmósfera tipo de la OACI, se ha elaborado para ser utilizada en los cálculos y el diseño de aeronaves, para presentar, en condiciones idénticas, los resultados de los ensayos de las aeronaves y de sus elementos y para permitir la unificación en el campo del desarrollo y la calibración de instrumentos. Su uso se recomienda, asimismo, para el procesamiento de los datos procedentes de observaciones geofísicas y meteorológicas.

2. PRINCIPIOS BÁSICOS Y FÓRMULAS DE CÁLCULO

2.1 Constantes y características primarias

Las tablas de la atmósfera tipo de la OACI se han calculado basándose en la hipótesis de que el aire es un gas perfecto desprovisto de humedad y polvo y basándose en valores iniciales convencionales para la temperatura, la presión y la densidad del aire al nivel medio del mar. Se han utilizado para los cálculos las constantes y características siguientes, cuyos valores numéricos aparecen en la Tabla A:

g_0 valor normalizado de la aceleración debida a la gravedad. Corresponde a la latitud $\varphi = 45°32'33''$ utilizando la ecuación de Lambert de la aceleración debida a la gravedad en función de la latitud φ (véase la referencia 1):

$$g_\varphi = 9{,}806\ 16\ (1 - 0{,}002\ 637\ 3\cos 2\varphi + 0{,}000\ 005\ 9\cos^2 2\varphi)$$

M_0 masa molar media a nivel del mar, como se obtiene de la ley de los gases perfectos [ecuación (2)] al introducir las constantes primarias P_0, ρ_0, T_0, R^* (véase la Tabla A);

N_A constante de Avogadro, basada en el valor del núclido ^{12}C, masa atómica = 12,000, adoptada en 1961 por la Conferencia de la Unión Internacional de Química Pura y Aplicada como unidad básica de masa atómica;

P_0 presión atmosférica a nivel del mar;

R^* constante universal de los gases;

$R = R^*/M_0$ constante específica de los gases;

S y β_s coeficientes empíricos de Sutherland en la ecuación relativa a la viscosidad dinámica;

T_i temperatura de fusión del hielo al nivel medio del mar;

T_0 temperatura a nivel del mar;

t_i temperatura de fusión del hielo al nivel medio del mar expresada en grados Celsius;

t_0 temperatura a nivel del mar expresada en grados Celsius;

$\kappa = c_p/c_v$ índice adiabático: relación entre el calor específico del aire a presión constante y su calor específico a volumen constante;

ρ_0 densidad de la atmósfera a nivel del mar;

σ diámetro efectivo de colisión de una molécula de aire; se considera constante respecto a la altitud.

2.2 La ecuación hidrostática y la ley de los gases perfectos

Dado su carácter estático respecto a la tierra, la atmósfera está sometida a la gravedad. Las condiciones del equilibrio estático del aire quedan determinadas por la ecuación hidrostática en la que se relacionan entre sí la presión del aire p, la densidad ρ, la aceleración debida a la gravedad g y la altitud h, como se indica a continuación:

$$-dp = \rho g dh \qquad (1)$$

Tabla A. Constantes y características primarias adoptadas para el cálculo de la atmósfera tipo de la OACI

Símbolo	Valor	Unidad de medida
g_0	9,806 65	m/s^2
M_0 (véase la nota)	28,964 420	kg/kmol
N_A	$602,257 \times 10^{24}$	$kmol^{-1}$
P_0	$101,325 \times 10^3$	Pa
	1 013,250	hPa
R^*	8 314,32	J/(K · kmol) *ó* kg · $m^2/(s^2 \cdot K \cdot kmol)$
R (véase la Nota)	287,052 87	J/(K · kg) *ó* $m^2/(K \cdot s^2)$
S	110,4	K
T_i	273,15	K
T_0	288,15	K
t_i	0,00	°C
t_0	15,00	°C
β_s	$1,458 \times 10^{-6}$	$kg/(m \cdot s \cdot K^{1/2})$
κ	1,4	adimensional
ρ_0	1,225	kg/m^3
σ	$0,365 \times 10^{-9}$	m

Nota.— No constituye una constante primaria en sí; se deriva de constantes primarias)

La ley de los gases perfectos relaciona entre sí la presión del aire a la densidad y a la temperatura como se indica a continuación:

$$p = \frac{\rho R^* T}{M_0} \qquad (2)$$

En las altitudes consideradas en la presente norma internacional,

$$\frac{R^*}{M_0} = constante = R$$

luego,

$$p = \rho R T \qquad (3)$$

2.3 Altitudes geopotencial y geométrica; aceleración debida a la gravedad

Al examinar la distribución de la presión de la atmósfera es conveniente introducir el potencial de la gravedad o el geopotencial Φ, que caracteriza la energía potencial de una partícula de aire en un punto dado.

Cualquier punto con las coordenadas x, y, z puede caracterizarse por un valor único de su potencial de gravedad $\Phi(x, y, z)$. La superficie definida por la ecuación

$$\Phi\ (x,\ y,\ z) = constante$$

tiene el mismo potencial en todos los puntos y se llama superficie equipotencial o geopotencial. Si se recorre, siguiendo una normal exterior, desde un punto situado en la superficie Φ_1 hasta un punto infinitamente más cercano, cuyo potencial tiene el valor de $\Phi_2 = \Phi_1 + d\Phi$, el trabajo necesario para transferir una unidad de masa desde la primera superficie a la segunda será:

$$d\Phi = g(h)dh \tag{4}$$

de aquí

$$\Phi = \int_0^h g(h)dh \tag{5}$$

Al dividir el geopotencial Φ por el valor normalizado de la aceleración debida a la gravedad g_0, se obtiene el valor de una dimensión de longitud que, representada por el símbolo *H*, será:

$$H = \frac{\Phi}{g_0} = \frac{1}{g_0}\int_0^h g(h)dh \tag{6}$$

Expresado en metros, el valor *H* tiene el mismo valor numérico que la altitud geopotencial, que se mide en meteorología en el llamado metro geopotencial normal; por consiguiente, dicho valor se llamará altitud geopotencial. El nivel medio del mar se utiliza como referencia para las lecturas de las altitudes tanto geopotencial como geométrica.

Nota.— El metro geopotencial patrón (m ′), que equivale a 9,806 65 m^2/S^2 fue adoptado por la Organización Meteorológica Mundial (véase el Reglamento técnico, *OMM, Núm. 49, Volumen 1, ed. 1971 — Apéndice C); a partir del 1 de julio de 1972 remplaza al metro geopotencial que se utilizaba anteriormente y cuyo valor era de 1 gpm = 9,8 m^2/S^2.*

La ecuación (6) indica que, a fin de establecer la correspondencia que existe entre la altitud geopotencial y la altitud geométrica, se debe primero hallar la relación que existe entre la aceleración debida a la gravedad *g* y la altitud geométrica *h*.

Se sabe que la gravedad es la suma vectorial de la atracción gravitatoria y de la fuerza centrífuga debida a la rotación de la tierra. Por consiguiente, constituye una función compleja de una latitud y de una distancia radial respecto al centro de la tierra, y la expresión relativa a la aceleración debida a la gravedad es generalmente poco práctica para ser utilizada. No obstante, la aceleración *g* puede obtenerse con bastante precisión para los fines de la presente atmósfera tipo haciendo abstracción de la aceleración centrífuga y utilizando únicamente la ley de la gravedad de Newton. En este caso:

$$g = g_0\left(\frac{r}{r+h}\right)^2 \tag{7}$$

en que r = 6 356 766 m es el radio nominal de la tierra (véase la referencia 1), para el cual la aceleración debida a la gravedad y el gradiente vertical de aceleración al nivel medio del mar se acercan considerablemente de los valores reales en la latitud de 45° 32′ 33″.

Los valores de *g*, que se calculan mediante la ecuación simplificada (7) con g_0 = 9,806 65 m/s^2 para la altitud de 60 000 m no difiere más de 0,001% de los valores calculados utilizando la ecuación (6) más precisa.

La integración de la ecuación (6), sustituyendo la *g* por la función que se obtiene de la ecuación (7), da lugar a las relaciones siguientes entre las altitudes geopotencial y geométrica:

$$H = \frac{rh}{r+h} \tag{8}$$

$$h = \frac{rH}{r-H} \tag{9}$$

2.4 Composición de la atmósfera y masa molar media

La atmósfera de la tierra es una mezcla de gases, vapor de agua y cierta cantidad de aerosoles. En ciertas condiciones, pueden variar las cantidades de vapor de agua, anhídrido carbónico y ozono, así como otros ingredientes cuyo porcentaje en la atmósfera es poco significativo. Las variaciones más grandes corresponden al contenido de vapor de agua; la concentración de este último en la superficie de la tierra puede alcanzar el 4% en condiciones de temperaturas elevadas y disminuye abruptamente cuando aumenta la altitud y disminuye la temperatura. La composición del aire seco y limpio hasta altitudes de 90 a 95 km se mantiene prácticamente constante y corresponde a la que aparece en la Tabla B.

La masa molar media se determina mediante la ley de gases perfectos (ecuación (2)) utilizando los valores normalizados de presión P_0, densidad ρ_0 y temperatura T_0 al nivel medio del mar, así como la constante universal de los gases R^*.

2.5 Características físicas de la atmósfera al nivel medio del mar

Para el cálculo de la atmósfera tipo de la OACI, el nivel medio del mar se ha definido como la altitud cero a la que se aplican las características iniciales g_0, P_0, ρ_0 y T_0 que aparecen en la Tabla A. Las demás características, que se han calculado basándose en las características iniciales, aparecen en la Tabla C:

a_0 velocidad del sonido;

Tabla B. Composición del aire seco y limpio cerca del nivel del mar[1]

Gas	Contenido, % en volumen	Masa molar M kg/kmol
Nitrógeno (N_2)	78,084	28,013 4
Oxígeno (O_2)	20,947 6	31,998 8
Argón (Ar)	0,934	39,948
Anhídrido carbónico (CO_2)	0,031 4*	44,009 95
Neón (Ne)	$1{,}818 \times 10^{-3}$	20,183
Helio (He)	$524{,}0 \times 10^{-6}$	4,002 6
Criptón (Kr)	$114{,}0 \times 10^{-6}$	83,80
Xenón (Xe)	$8{,}7 \times 10^{-6}$	131,30
Hidrógeno (H_2)	$50{,}0 \times 10^{-6}$	2,015 94
Monóxido de nitrógeno (N_2O)	$50{,}0 \times 10^{-6}$*	44,012 8
Metano (CH_4)	$0{,}2 \times 10^{-3}$	16,043 03
Ozono (O_3) en el verano	hasta $7{,}0 \times 10^{-6}$*	47,998 2
en el invierno	hasta $2{,}0 \times 10^{-6}$*	47,998 2
Dióxido de azufre (SO_2)	hasta $0{,}1 \times 10^{-3}$*	64,062 8
Anhídrido nitroso (NO_2)	hasta $2{,}0 \times 10^{-6}$*	46,005 5
Iodina (I_2)	hasta $1{,}0 \times 10^{-6}$*	253,808 8
Aire	100	28,964 420**

* La concentración de los gases puede variar considerablemente según el tiempo y el lugar.
** Este valor se obtiene mediante la ley de los gases perfectos (ecuación (2)).

1. *U.S. Committee on Extension to the Standard Atmosphere: U.S. Standard Atmosphere*, 1962. U.S. Government Printing Office. Washington, D.C. 1963

H_{p0} altura en la escala de presión;

l_0 camino libre medio;

n_0 densidad numérica;

$\overline{v_0}$ velocidad media de las partículas;

γ_0 peso específico;

υ_0 viscosidad cinemática;

λ_0 conductibilidad térmica;

μ_0 viscosidad dinámica;

ω_0 frecuencia de colisión.

2.6 Temperatura y gradiente térmico vertical

Se toma $T_i = 273{,}15$ K como la temperatura de fusión del hielo a una presión de 1 013,25 hPa. La temperatura T (en Kelvins, K) es:

$$T = T_i + t \qquad (10)$$

en que t es la temperatura en grados Celsius.

Se divide la temperatura en varias capas según las variaciones de la temperatura en función de la altitud. Las zonas de transición entre dichas capas se denominan tropopausa, estratopausa y mesopausa respectivamente. Para calcular una atmósfera tipo, la temperatura de cada capa se toma como una función lineal de la altitud geopotencial, de modo que

$$T = T_b + \beta(H - H_b) \qquad (11)$$

en que T_b y H_b son, respectivamente, la temperatura y la altitud geopotencial del límite inferior de la capa en cuestión y β, el gradiente térmico vertical, dT/dH

Los valores correspondientes a la temperatura y a sus gradientes verticales, adoptados para la atmósfera tipo de la OACI, aparecen en la Tabla D.

2.7 Presión

Adoptando la hipótesis de una variación lineal de la temperatura en función de la altitud geopotencial, la solución simultánea de la ecuación hidrostática (ecuación (1)) y de la ley de los gases perfectos (ecuación (2)) produce la siguiente expresión para la presión:

Tabla C. Características físicas de la atmósfera al nivel medio del mar

Símbolo	Valor	Unidad de medida
a_0	340,294	m/s
H_{p_0}	8 434,5	m
l_0	$66{,}328 \times 10^{-9}$	m
n_0	$25{,}471 \times 10^{24}$	m^{-3}
$\overline{v_0}$	458,94	m/s
γ_0	12,013	N/m^3
υ_0	$14{,}607 \times 10^{-6}$	m^2/s
λ_0	$25{,}343 \times 10^{-3}$	$W/(m \cdot K)$
μ_0	$17{,}894 \times 10^{-6}$	$Pa \cdot s$
ω_0	$6{,}919\,3 \times 10^{9}$	s^{-1}

$$\ln p = \ln p_b - \frac{g_0}{\beta R} \ln \frac{T_b + \beta(H - H_b)}{T_b}$$

o

$$p = p_b \left[1 + \frac{\beta}{T_b}(H - H_b) \right]^{-g_0/\beta R} \quad \text{para } \beta \neq 0 \qquad (12)$$

y

$$\ln p = \ln p_b - \frac{g_0}{RT}(H - H_b)$$

o

$$p = p_b \exp\left[-\frac{g_0}{RT}(H - H_b) \right] \text{para } \beta = 0 \qquad (13)$$

Aquí el subíndice "b" relaciona los valores de las características pertinentes con el límite inferior de la capa en cuestión.

2.8 Densidad y peso específico

La densidad ρ se calcula a partir de la presión y la temperatura utilizando la ley de los gases perfectos:

$$\rho = \frac{p}{RT} \qquad (14)$$

El peso específico γ es el peso por unidad de volumen de aire, o sea:

$$\gamma = \rho g \qquad (15)$$

2.9 Altura en la escala de presión

La altura en la escala de presión H_p se determina mediante la ecuación

$$H_p = \frac{R^*}{M_0} \cdot \frac{T}{g} = \frac{RT}{g} \qquad (16)$$

Tabla D. Temperaturas y gradientes térmicos verticales

Altitud geopotential *H*, km	Temperatura *T*, K	Gradiente térmico β, K/km
−5,00	320,65	
		−6,50
0,00	288,15	
		−6,50
11,00	216,65	
		0,00
20,00	216,65	
		+1,00
32,00	228,65	
		+2,80
47,00	270,65	
		0,00
51,00	270,65	
		−2,80
71,00	214,65	
		−2,00
80,00	196,65	

2.10 Densidad numérica

La densidad numérica *n*, o sea, el número de partículas neutras del aire por unidad de volumen, se obtiene mediante la ecuación

$$n = \frac{N_A p}{R^* T} \tag{17}$$

2.11 Velocidad media de las partículas

La velocidad media de las partículas $\bar{v}$ se define como la media aritmética de las velocidades de las partículas de aire que se obtiene mediante la distribución de las velocidades moleculares de Maxwell en el gas perfecto monatómico en condiciones de equilibrio termodinámico, haciendo abstracción de toda fuerza exterior; de donde

$$\bar{v} = \left(\frac{8}{\pi} RT\right)^{1/2} = 1{,}595\ 769\ \sqrt{RT} \tag{18}$$

2.12 Camino libre medio

Una partícula de aire entre dos colisiones sucesivas se desplaza de manera uniforme a lo largo de una línea recta, pasando cierta distancia media, llamada camino libre medio de partículas de aire. Teniendo en cuenta la distribución de las velocidades relativas de las partículas en colisión el camino libre medio se define mediante la expresión

$$l = \frac{R^*}{\sqrt{2}\pi N_A \sigma^2} \cdot \frac{T}{p} = \frac{1}{\sqrt{2}\pi\sigma^2 n} \tag{19}$$

2.13 Frecuencia de colisión

La frecuencia de colisión ω es la velocidad media de las partículas dividida por el camino libre medio a la misma altitud, o sea, $\omega = \bar{v}/l$ de aquí, teniendo en cuenta las ecuaciones (18) y (19)

$$\omega = 4\sigma^2 N_A \left(\frac{\pi}{R^* M_0}\right)^{1/2} \cdot \frac{p}{T^{1/2}} = 0{,}944\ 541 \times 10^{-18} n \sqrt{RT} \tag{20}$$

2.14 Velocidad del sonido

La velocidad del sonido *a* se obtiene mediante la expresión

$$a = (\kappa RT)^{1/2} = 20{,}046\ 796\ \sqrt{T} \tag{21}$$

en que

$$\kappa = \frac{c_p}{c_v} = 1{,}4$$

Esta expresión (ecuación (21)) presenta la velocidad de propagación de una perturbación infinitesimal en un gas. Debido a ello, esta fórmula no puede utilizarse para el cálculo, por ejemplo, de la velocidad de propagación de las ondas de choque causadas por una explosión, una detonación, el movimiento de un cuerpo en el aire a velocidad supersónica, etc.

El concepto de velocidad del sonido pierde su sentido con una atenuación muy intensa de los impulsos sónicos que tiene lugar por encima de los límites de altitud que se consideran para la atmósfera tipo de la OACI.

2.15 Viscosidad dinámica

La viscosidad dinámica μ se define como el valor de la fricción interna entre dos capas vecinas de aire que se desplazan a velocidades diferentes. Las tablas se establecen utilizando la ecuación siguiente, que se basa en la teoría cinética pero con constantes derivadas de experimentos:

$$\mu = \frac{\beta_s T^{3/2}}{T + S} \tag{22}$$

En esta ecuación, β_s y *S* son los coeficientes empíricos de Sutherland (véase la Tabla A).

La ecuación (22) es inválida para temperaturas muy altas o muy bajas y en las condiciones correspondientes a las altitudes superiores a 90 km.

2.16 Viscosidad cinemática

La viscosidad cinemática υ se define como la relación entre la viscosidad dinámica y la densidad del aire, o sea:

$$\upsilon = \frac{\mu}{\rho} \tag{23}$$

Los límites para el uso de esta ecuación son semejantes a los de la viscosidad dinámica.

2.17 Conductibilidad térmica

La conductibilidad térmica λ se calcula mediante la fórmula empírica siguiente:

$$\lambda = \frac{2{,}648\ 151 \times 10^{-3} \cdot T^{3/2}}{T + [245{,}4 \times 10^{-(12/T)}]} \qquad (24)$$

en que λ se expresa como *W/(m · K)* y *T* en Kelvins.

3. OBSERVACIONES RELATIVAS A LA PRESENTACIÓN DE LAS TABLAS

Las tablas que figuran en la parte siguiente del presente manual se han calculado utilizando las constantes, coeficientes y ecuaciones que aparecen en la Sección 2.

Los cálculos se han llevado a cabo utilizando una computadora numérica Minsk-22 y el cálculo de los puntos de control separados con otros aparatos. Las tablas se han establecido directamente mediante dispositivos de impresión numéricos en las computadoras y se han reproducido mediante un lector óptico numérico con objeto de reducir al mínimo las posibilidades de error.

Los datos en las tablas se indican en unidades SI excepto en las Tablas 1 y 4, en las que las temperaturas se dan en grados Celsius y en las Tablas 4, 5 y 6, así como en la parte derecha de la Tabla 7, en las que las alturas se expresan en pies (ft).

Nota 1.— Un número de uno o dos dígitos (precedido por el signo más o menos) después de la entrada inicial de cada bloque indica la décima potencia que debe utilizarse para multiplicar dicha entrada y cada entrada subsiguiente de dicho bloque. Si se cambia la potencia dentro de un bloque, este hecho se indica mediante una inscripción semejante.

Nota 2.— Todas las tablas se han calculado para la capa desde –5 hasta 80 km, salvo las tablas hipsométricas (Tabla 7 que se han publicado únicamente hasta 32 km.

4. REFERENCIAS

1. R.J. List, ed.: *Smithsonian Meteorological Tables*, Sixth Revised Edition, Washington, D.C., 1963.

2. U.S. Committee on Extension to the Standard Atmosphere: *U.S. Standard Atmosphere, 1962.* U.S. Government Printing Office. Washington, D.C., 1962.

ПРЕДИСЛОВИЕ

По рекомендациям специализированных совещаний по летной годности, производству полетов и метеорологии Совет ИКАО на заседании 23 июня 1950 года решил создать объединенную подкомиссию Комиссии по авиационной метеорологии и Аэрологической комиссии Международной метеорологической организации для обсуждения с представителями ИКАО проблемы разработки подробных технических требований и данных Стандартной атмосферы ИКАО, определение которой приводится в общих чертах в части I Приложения 8 к Конвенции о международной гражданской авиации.

В июле-августе 1950 года в Монреале состоялось совещание Рабочей группы в составе вышеуказанных представителей, которое разработало предложение в отношении подробных технических требований к Стандартной атмосфере ИКАО. Это предложение было включено в документ Doc 7041 и в начале 1951 года направлено всем Договаривающимся государствам для замечаний.

7 ноября 1952 года Совет утвердил подробные технические требования к Стандартной атмосфере ИКАО, содержащиеся в документе Doc 7041, и поручил Генеральному секретарю опубликовать подробные требования и связанные с ними таблицы и цифровые данные в виде технического руководства.

Все предположения и основные данные, использованные в этом руководстве, соответствовали принятым Советом ИКАО. Техническая работа по расчетам и проверке подробных таблиц и цифровых данных, связанных со Стандартной атмосферой ИКАО, была выполнена Национальным консультативным комитетом Соединенных Штатов Америки по аэронавтике совместно с Генеральным директоратом гражданской авиации Италии. Благодаря любезности правительств Соединенных Штатов Америки и Италии результаты проделанной в этих странах работы были предоставлены для включения в вышеназванное руководство, которое было опубликовано в качестве документа ИКАО Doc 7488 (май 1954 года).

Еще до публикации документа Doc 7488 стало очевидно, что верхнюю границу Стандартной атмосферы ИКАО необходимо будет поднять выше ранее принятого предела в 20 км. К 1953 году в Соединенных Штатах Америки совместно Директоратом геофизических исследований, Кембриджским исследовательским центром ВВС и Метеорологическим бюро США был создан комитет. В том же году состоялось совещание представителей 24 научных и технических организаций Соединенных Штатов Америки, как правительственных, так и частных, на котором присутствовал наблюдатель от ИКАО. Вышеназванный комитет решил создать "рабочую группу по изменению верхней границы Стандартной атмосферы" для пересмотра температурно-высотного профиля и разработки рекомендаций в отношении основных значений и параметров. Рабочая группа функционировала в период 1953-1956 гг. и в 1956 году ее рекомендации, включая определение температурно-высотного профиля до высоты 32 км, были приняты с некоторыми изменениями комитетом. В 1958 году в Вашингтоне (округ Колумбия) был выпущен доклад под названием "Предлагаемое США расширение таблиц и данных Стандартной атмосферы ИКАО до 300 стандартных геопотенциальных километров". Этот доклад был направлен в 1959 году Генеральному секретарю ИКАО представителем Соединенных Штатов Америки в Совете ИКАО с предложением принять на международной основе часть доклада, касающуюся участка 20-32 км, однако это предложение впоследствии было снято в ожидании поступления пересмотренных данных.

В 1962 году Соединенные Штаты Америки представили подробные предложения об изменении некоторых констант, связанных со Стандартной атмосферой ИКАО, и о поднятии ее верхней границы вместе с документом, озаглавленным "Стандартная атмосфера США - Стандартная атмосфера ИКАО до 20 км, предлагаемое поднятие верхней границы атмосферы ИКАО до 32 км, таблицы и данные до 700 км". Это пересмотренное предложение США было разослано для представления замечаний всем Договаривающимся государствам, Международной ассоциации воздушного транспорта, Международной федерации ассоциаций линейных пилотов и Всемирной метеорологической организации.

12 ноября 1963 года Совет утвердил пересмотренные подробные технические требования к Стандартной атмосфере ИКАО и поручил Генеральному секретарю переиздать таблицы Стандартной атмосферы ИКАО, включая пересмотренные и расширенные данные, подготовленные Соединенными Штатами Америки. Во

исполнение этого поручения в 1964 году было опубликовано второе издание Руководства.

23 марта 1979 года Совет принял решение привести систему единиц измерения, используемых в авиации (указанные в Приложении 5), в соответствие с международной системой (СИ). В соответствии с пожеланием Совета, чтобы все документы ИКАО соответствовали Приложению 5 в отношении используемых единиц, были приняты меры с целью пересмотра Руководства по Стандартной атмосфере ИКАО. Учитывая тот факт, что второе издание Руководства содержало сложную комбинацию единиц СИ и единиц, не входящих в систему СИ, необходимо было пересчитать данные в некоторых таблицах.

В дополнение к задаче приведения единиц в соответствие с Приложением 5 два государства (Союз Советских Социалистических Республик и Соединенные Штаты Америки), учитывая возможность создания в обозримом будущем воздушных судов, рассчитанных на полеты на очень больших высотах, просили поднять верхнюю границу Стандартной атмосферы ИКАО с установленных 32 км до 80 км, что будет приблизительно соответствовать высоте мезопаузы. Предложение о поднятии верхней границы Стандартной атмосферы было разослано для представления замечаний всем Договаривающимся государствам и 22 марта 1988 года Совет после рассмотрения полученных ответов принял Поправку № 95 к Приложению 8, предусматривающую, в частности, поднятие верхней границы Стандартной атмосферы до 80 км. Поскольку пересмотр Руководства с целью приведения его в соответствие с Приложением 5 уже потребовал перерасчета некоторых данных в таблицах, было сочтено целесообразным также поднять верхнюю границу атмосферы.

В связи с перерасчетом данных в некоторых существующих таблицах и расширением данных во всех таблицах с 32 км до 80 км естественно потребовалось использовать сложные вычислительные средства, с тем чтобы сохранить существующий уровень точности данных. С самого начала выполнения данной задачи было известно, что Международная организация по стандартизации (ИСО) недавно опубликовала Стандартную атмосферу до 80 км на основе параметров ИКАО, определенных в Приложении 8. Для приведения в соответствие Стандартных атмосфер ИСО и ИКАО к ИСО обратились с просьбой оказать содействие в предоставлении данных, необходимых для пересмотра и поднятия верхней границы Стандартной атмосферы ИКАО. Компетентный рабочий орган ИСО (Подкомитет ISO/TC-20/SC-6 - Стандартная атмосфера) на совещании, состоявшемся в Москве в октябре 1985 года, единогласно принял решение оказать содействие в пересчете таблиц, необходимых для приведения документа Doc 7488 в соответствие с Приложением 5 и поднятия верхней границы атмосферы в соответствии с Приложением 8.

Метод расчета параметров и необходимое программное обеспечение были разработаны в Центральном аэрогидродинамическом институте (ЦАГИ) Союза Советских Социалистических Республик; сами расчеты также были выполнены в СССР от имени комитета ИСО в соответствии с требованиями ИКАО и планами ISO/TC-20/SC-6. Параллельно публикуются результаты работы ИСО в виде добавления 2 к международному стандарту ИСО 2533: 1975, Стандартная атмосфера.

Настоящее Руководство призвано содействовать единообразному применению Стандартной атмосферы ИКАО, определение которой содержится в Приложении 8, и предоставить в распоряжение тех, кто пользуется Стандартной атмосферой, удобный набор данных, которые являются достаточно точными для практического применения и которые основаны на согласованных на международной основе физических постоянных и переводных коэффициентах. Учитывая, что таблицы данных, опубликованные для Стандартных атмосфер ИКАО и ИСО, являются идентичными, разработка в будущем любых необходимых поправок будет координироваться этими двумя Организациями.

ОГЛАВЛЕНИЕ

ВВЕДЕНИЕ

Примечание общего характера. В настоящем руководстве используется десятичная система счисления, применяемая в практике ИКАО. В соответствии с практикой ИСО для отделения десятичных знаков в имперской системе мер используется точка (.), а в метрической системе мер - запятая (,).

1. СФЕРА И ОБЛАСТЬ ПРИМЕНЕНИЯ

Настоящий Международный стандарт определяет характеристики Стандартной атмосферы ИКАО и предназначен для использования при расчетах и проектировании воздушных судов, представления результатов испытаний воздушных судов и их компонентов в одинаковых условиях и унификации в области разработки и калибровки приборов. Кроме того, этот Стандарт рекомендуется использовать при обработке данных геофизических и метеорологических наблюдений.

2. ОСНОВНЫЕ ПРИНЦИПЫ И МАТЕМАТИЧЕСКИЕ ФОРМУЛЫ

2.1 Основные постоянные и характеристики

Таблицы Стандартной атмосферы ИКАО рассчитаны исходя из предположения, что воздух является идеальным газом, свободным от влаги и пыли, и основаны на принятых исходных значениях температуры, давления и плотности воздуха на среднем уровне моря. При расчетах используются следующие постоянные и характеристики, численные значения которых указаны в таблице А:

g_0 — стандартное ускорение силы тяжести. Его величина соответствует значению на широте $\varphi = 45°32'33''$, используя уравнение Ламберта для расчета ускорения силы тяжести в зависимости от широты φ (см. справочный материал 1):

$$g_\varphi = 9{,}806\,16(1 - 0{,}002\,637\,3\cos 2\varphi + 0{,}000\,005\,9\cos^2 2\varphi)$$

M_0 — средняя молярная масса на уровне моря, определяемая с помощью уравнения состояния идеального газа (уравнение (2)) для заданных основных постоянных P_0, ρ_0, T_0, R^* (см. таблицу А);

N_A — число Авогадро, основанное на значении атомной массы изотопа $C^{12} = 12{,}000$, которое было принято в 1961 году на конференции Международного союза чистой и прикладной химии в качестве основной единицы атомной массы;

P_0 — атмосферное давление на уровне моря;

R^* — универсальная газовая постоянная;

$R = R^*/M_0$ — специфическая газовая постоянная;

S и β_s — эмпирические коэффициенты Сазерленда в уравнении динамической вязкости;

T_i — температура точки таяния льда на среднем уровне моря;

T_0 — температура на уровне моря;

t_i — температура точки таяния льда по Цельсию на среднем уровне моря;

t_0 — температура по Цельсию на уровне моря;

$\kappa = c_p/c_v$ — адиабатический коэффициент: отношение удельной теплоемкости воздуха при постоянном давлении к удельной теплоемкости воздуха при постоянном объеме;

ρ_0 — плотность атмосферы на уровне моря;

σ — эффективный диаметр соударений молекулы воздуха берется постоянным для всех абсолютных высот.

Таблица А. Основные постоянные и характеристики, принятые для расчета Стандартной атмосферы ИКАО

Условное обозначение	Значение	Единица измерения
g_0	9,806 65	м/с^2
M_0 (см. примечание)	28,964 420	кг/кмоль
N_A	602,257 x 10^{24}	кмоль$^{-1}$
P_0	101,325 x 10^3	Па
	1 013,250	гПа
R^*	8 314,32	Дж/(К · кмоль) *или* кг · м^2/(с^2 · К · кмоль)
R (см. примечание)	287,052 87	Дж/(К · кг) *или* м^2/(К · с^2)
S	110,4	К
T_i	273,15	К
T_0	288,15	К
t_i	0,00	°С
t_0	15,00	°С
β_s	1,458 x 10^{-6}	кг/(м · с · К^{½})
k	1,4	безразмерная величина
ρ_0	1,225	кг/м^3
σ	0,365 x 10^{-9}	м

Примечание. Непосредственно не является основной постоянной; значение получено на основе основных постоянных.

2.2 Гидростатическое уравнение и уравнение состояния идеального газа

На атмосферу, которая является неподвижной относительно Земли, действует сила тяжести. Условия статического равновесия воздуха определяются с помощью гидростатического уравнения, которое увязывает давление воздуха p, плотность ρ, ускорение силы тяжести g и высоту h следующим образом:

$$-dp = \rho g dh \qquad (1)$$

Уравнение состояния идеального газа связывает давление воздуха с плотностью и температурой следующим образом:

$$p = \frac{\rho R^* T}{M_0} \qquad (2)$$

На высотах, рассматриваемых в настоящем международном стандарте,

$$\frac{R^*}{M_0} = \text{постоянная} = R,$$

тогда

$$p = \rho RT \qquad (3)$$

2.3 Геопотенциальная и геометрическая высоты; ускорение силы тяжести

При рассмотрении распределения давления в атмосфере удобно ввести гравитационный потенциал или геопотенциал Ф, который характеризует потенциальную энергию частицы воздуха в данной точке.

Любая точка с координатами *x, y, z* может характеризоваться одним значением гравитационного потенциала $\Phi(x, y, z)$ в этой точке. Поверхность, определяемая уравнением

$$\Phi(x, y, z) = \text{постоянная},$$

имеет одинаковый потенциал во всех точках и называется изопотенциальной или геопотенциальной поверхностью. При движении вдоль внешней нормали от любой точки на поверхности Φ_1 к бесконечно приближенной точке, где величина потенциала составляет $\Phi_2 = \Phi_1 + d\Phi$, выполняемая работа по перемещению единицы массы с первой поверхности на вторую будет равна:

$$d\Phi = g(h)dh \qquad (4)$$

следовательно,

$$\Phi = \int_0^h g(h)dh \qquad (5)$$

Разделив геопотенциал Ф на стандартное ускорение силы тяжести g_0, получим значение размерности длины, которая обозначается *H* и равна:

$$H = \frac{\Phi}{g_0} = \frac{1}{g_0}\int_0^h g(h)dh \qquad (6)$$

Значение H, выраженное в метрах, численно равно геопотенциальной высоте, которая в метеорологии измеряется в так называемых стандартных геопотенциальных метрах; следовательно, этот параметр будет называться геопотенциальной высотой. Средний уровень моря берется в качестве исходной точки для отсчета геопотенциальной и геометрической высот.

Примечание. Всемирная метеорологическая организация приняла стандартный геопотенциальный метр (м'), который равен 9,806 65 $м^2/с^2$ (см. Технический регламент ВМО № 49, том 1, издание 1971 года, добавление С), и с 1 июля 1972 года заменяет ранее использовавшийся геопотенциальный метр. Он был равен 9,8 $м^2/с^2$.

Из уравнения (6) следует, что для соотнесения геопотенциальной и геометрической высот в первую очередь необходимо найти зависимость между ускорением силы тяжести *g* и геометрической высотой *h*.

Известно, что сила тяжести является векторной суммой силы гравитационного притяжения и центробежной силы, возникающей вследствие вращения Земли; следовательно, это комплексная функция широты и радиального расстояния от центра Земли, и выражение силы тяжести, как правило, является трудным и его нецелесообразно использовать. Однако ускорение *g* можно определить с достаточной точностью для целей данной Стандартной атмосферы, если формально пренебречь центробежным ускорением и использовать только закон тяготения Ньютона. В этом случае:

$$g = g_0\left(\frac{r}{r+h}\right)^2, \qquad (7)$$

где $r = 6\,356\,766$ м - номинальный радиус Земли (см. справочный материал 1), при котором ускорение силы тяжести и вертикальный градиент ускорения на среднем уровне моря очень близки к истинным значениям на широте 45°32'33".

Значение *g*, рассчитанное с помощью упрощенного уравнения (7) при $g_0 = 9{,}806\,65$ м/с^2 для высоты 60 000 м, отличается от значений, рассчитанных с использованием более точного уравнения (6), не более чем на 0,001 процента.

Интеграция уравнения (6) посредством замены *g* его функцией из уравнения (7) дает следующее соотношение между геопотенциальной и геометрической высотами:

$$H = \frac{rh}{r+h} \qquad (8)$$

$$h = \frac{rH}{r-H} \qquad (9)$$

2.4 Состав атмосферы и средняя молярная масса

Атмосфера Земли представляет собой смесь газа, водяного пара и некоторого количества аэрозоли. В определенных условиях количество водяного пара, углекислого газа и озона, а также других ингредиентов, содержание которых в атмосфере является незначительным, может варьироваться. Содержание водяного пара сильно колеблется; его концентрация на поверхности Земли может достигать 4 процентов при высокой температуре и резко уменьшается по мере увеличения высоты и снижения температуры. Состав сухого чистого воздуха до высот 90-95 км остается практически постоянным и соответствует указанному в таблице B.

Средняя молярная масса определяется с помощью уравнения состояния идеального газа (уравнение (2)) с использованием стандартных значений давления P_0, плотности ρ_0 и температуры T_0 на среднем уровне моря, а также универсальной газовой постоянной R^*.

2.5 Физические характеристики атмосферы на среднем уровне моря

При расчете Стандартной атмосферы ИКАО средний уровень моря определяется как нулевая абсолютная высота, в отношении которой применяются исходные характеристики g_0, P_0, ρ_0 и T_0, указанные в таблице A. Остальные параметры рассчитаны на основе исходных характеристик и представлены в таблице C:

a_0 скорость звука;

H_{p0} высота однородной по давлению атмосферы;

I_0 средняя длина свободного пробега частиц воздуха;

n_0 концентрация частиц воздуха;

$\bar{V}_0$ средняя скорость частиц воздуха;

γ_0 удельный вес;

ν_0 кинематическая вязкость;

λ_0 теплопроводность;

μ_0 динамическая вязкость;

ω_0 частота соударений частиц воздуха.

2.6 Температура и вертикальный температурный градиент

Температура точки таяния льда при давлении 1013,25 гПа принимается равной $T_i = 273{,}15$ К. Температура T (по шкале Кельвина, К) равна:

$$T = T_i + t, \tag{10}$$

где t - температура по Цельсию.

Атмосфера делится на несколько слоев в соответствии с изменением температуры с высотой. Переходные зоны между этими слоями называются соответственно тропопаузой, стратопаузой и мезопаузой. При расчете Стандартной атмосферы температура каждого слоя находится в линейной зависимости от геопотенциальной высоты и, таким образом,

$$T = T_b + \beta(H - H_b), \tag{11}$$

где T_b и H_b - соответственно температура и геопотенциальная высота нижней границы рассматриваемого слоя, а β - вертикальный температурный градиент, dT/dH.

Значения температуры и ее вертикальных градиентов, принятые для Стандартной атмосферы ИКАО, указаны в таблице D.

2.7 Давление

Если предположить линейное изменение температуры с геопотенциальной высотой, то одновременное решение гидростатического уравнения (уравнение (1)) и уравнения состояния идеального газа (уравнение (2)) дает следующее выражение для давления:

$$\ln p = \ln p_b - \frac{g_0}{\beta R} \ln \frac{T_b + \beta(H - H_b)}{T_b}$$

или

$$p = p_b \left[1 + \frac{\beta}{T_b}(H - H_b) \right]^{-g_0/\beta R} \quad при\ \beta \neq 0 \tag{12}$$

и

Таблица B. Состав сухого чистого воздуха вблизи уровня моря[1]

Газ	Объемное содержание %	Молярная масса *M* кг/кмоль
Азот (N_2)	78,084	28,013 4
Кислород (O_2)	20,947 6	31,998 8
Аргон (Ar)	0,934	39,948
Улекислый газ (CO_2)	0,031 4*	44,009 95
Неон (Ne)	$1{,}818 \times 10^{-3}$	20,183
Гелий (He)	$524{,}0 \times 10^{-6}$	4,002 6
Криптон (Kr)	$114{,}0 \times 10^{-6}$	83,80
Хсенон (Xe)	$8{,}7 \times 10^{-6}$	131,30
Водород (H_2)	$50{,}0 \times 10^{-6}$	2,015 94
Закись азота (N_2O)	$50{,}0 \times 10^{-6}$*	44,012 8
Метан (CH_4)	$0{,}2 \times 10^{-3}$	16,043 03
Озон (O_3) летом	до $7{,}0 \times 10^{-6}$*	47,998 2
зимой	до $2{,}0 \times 10^{-6}$*	47,998 2
Двуокись серы (SO_2)	до $0{,}1 \times 10^{-3}$*	64,062 8
Двуокись азота (NO_2)	до $2{,}0 \times 10^{-6}$*	46,005 5
Йод (I_2)	до $1{,}0 \times 10^{-6}$*	253,808 8
Воздух	100	28,964 420**

* Содержание газа может значительно изменяться в зависимости от времени и места.
** Это значение получено с помощью уравнения состояния идеального газа (2).

1. *U.S. Committee on Extension to the Standard Atmosphere: U.S. Standard Atmosphere,* 1962. U.S. Government Printing Office. Washington, D.C. 1963.

Таблица C. Физические характеристики атмосферы на среднем уровне моря

Условное обозначение	Значение	Единица измерения
a_0	340,294	м/с
H_{p0}	8 434,5	м
I_0	66,328 x 10^{-9}	м
n_0	25,471 x 10^{24}	$м^{-3}$
$\overline{V_0}$	458,94	м/с
γ_0	12,013	$Н/м^3$
ν_0	14,607 x 10^{-6}	$м^2/с$
λ_0	25,343 x 10^{-3}	Вт/(м · К)
μ_0	17,894 x 10^{-6}	Па · с
ω_0	6,919 3 x 10^9	$с^{-1}$

Таблица D. Значения температуры и вертикальных температурных градиентов

Геопотенциальная высота *H*, км	Температура *T*, К	Температурный градиент β, К/км
-5,00	320,65	
0,00	288,15	-6,50
11,00	216,65	-6,50
20,00	216,65	0,00
32,00	228,65	+1,00
47,00	270,65	+2,80
51,00	270,65	0,00
71,00	214,65	-2,80
80,00	196,65	-2,00

$$lnp = lnp_b - \frac{g_0}{RT}(H - H_b)$$

или

$$p = p_b \exp\left[-\frac{g_0}{RT}(H - H_b)\right] \quad при\ \beta = 0 \qquad (13)$$

Нижний подстрочный индекс *"b"* относится к значениям характеристик, соответствующих нижней границе рассматриваемого слоя.

2.8 Плотность и удельный вес

Плотность ρ рассчитывается по давлению и температуре с помощью уравнения состояния идеального газа:

$$\rho = \frac{p}{RT} \qquad (14)$$

Удельный вес γ - вес на единицу объема воздуха, т. е.

$$\gamma = \rho g \qquad (15)$$

2.9 Высота однородной по давлению атмосферы

Высота однородной по давлению атмосферы H_p определяется по формуле

$$H_p = \frac{R^*}{M_0} \cdot \frac{T}{g} = \frac{RT}{g} \qquad (16)$$

2.10 Концентрация частиц воздуха

Концентрация частиц воздуха *n*, т. е. число нейтральных частиц воздуха на единицу объема, задается уравнением

$$n = \frac{N_A p}{R^* T} \qquad (17)$$

2.11 Средняя скорость частиц воздуха

Средняя скорость частиц воздуха $\bar{v}$ определяется как среднее арифметическое скоростей частиц воздуха, полученное из распределения Максвелла молекулярных скоростей в одноатомном идеальном газе в условиях термодинамического равновесия без учета какой-либо внешней силы; следовательно,

$$\bar{v} = \left(\frac{8}{\pi} RT\right)^{1/2} = 1{,}595\,769\sqrt{RT} \qquad (18)$$

2.12 Средняя длина свободного пробега частиц воздуха

Между двумя последовательными соударениями частица воздуха движется равномерно по прямой линии, проходя определенное среднее расстояние, называемое средней длиной свободного пробега частиц воздуха. С учетом распределения относительных скоростей соударяющихся частиц средняя длина свободного пробега определяется по формуле

$$l = \frac{R^*}{\sqrt{2}\pi N_A \sigma^2} \cdot \frac{T}{p} = \frac{1}{\sqrt{2}\pi \sigma^2 n} \qquad (19)$$

2.13 Частота соударений частиц воздуха

Частота соударений частиц воздуха ω - частное от деления средней скорости частиц воздуха на среднюю длина свободного пробега на той же высоте, т. е. $\omega = \bar{v} / l$; следовательно, с учетом уравнений (18) и (19)

$$\omega = 4\sigma^2 N_A \left(\frac{\pi}{R^* M_0}\right)^{1/2} \cdot \frac{p}{T^{1/2}} = 0{,}944\,541 \times 10^{-18}\, n\sqrt{RT} \qquad (20)$$

2.14 Скорость звука

Для скорости звука *a* принято выражение

$$a = (\kappa RT)^{1/2} = 20{,}046\,796\sqrt{T} \qquad (21)$$

где

$$\kappa = \frac{c_p}{c_v} = 1{,}4$$

Это выражение (уравнение (21)) представляет собой скорость распространения бесконечно малого возмущения в газе. По этой причине данную формулу нельзя использовать для расчета, например скорости распространения ударных волн в результате взрыва, детонации, движения тела в воздухе и сверхзвуковой скорости и т. д.

Концепция скорости звука теряет свое назначение при очень интенсивном затухании акустических импульсов, которое имеет место выше предельных высот, рассматриваемых в рамках Стандартной атмосферы ИКАО.

2.15 Динамическая вязкость

Динамическая вязкость μ определяется как значение внутреннего трения двух расположенных рядом слоев воздуха, движущихся с разными скоростями. При расчете таблиц используется следующее уравнение, которое взято из кинематической теории, но с постоянными, полученными экспериментальным путем:

$$\mu = \frac{\beta_s T^{3/2}}{T + S} \qquad (22)$$

В данном уравнении β_S и S - эмпирические коэффициенты Сазерленда (см. таблицу A).

Уравнение (22) не применимо в случае очень высоких или очень низких температур, а также в условиях, наблюдаемых на высотах выше 90 км.

2.16 Кинематическая вязкость

Кинематическая вязкость υ определяется как отношение динамической вязкости к плотности воздуха, т. е.

$$\upsilon = \frac{\mu}{\rho} \qquad (23)$$

Условия применения данного уравнения аналогичны указанным для динамической вязкости.

2.17 Теплопроводность

Теплопроводность λ рассчитывается по следующей эмпирической формуле:

$$\lambda = \frac{2{,}648\,151 \times 10^{-3} \cdot T^{3/2}}{T + [245{,}4 \times 10^{-(12/T)}]} \qquad (24)$$

где λ - *Вт/(м · К)* и *T* выражается по шкале Кельвина.

3. ЗАМЕЧАНИЯ ОТНОСИТЕЛЬНО ФОРМЫ ПРЕДСТАВЛЕНИЯ ТАБЛИЦ

Содержащиеся в следующей части настоящего руководства таблицы рассчитаны с использованием постоянных, коэффициентов и уравнений, приведенных в разделе 2 выше.

Расчеты были выполнены на цифровой вычислительной машине "Минск-22", при этом расчет отдельных контрольных точек осуществлялся на других машинах. Таблицы составлялись непосредственно цифровыми печатающими устройствами ЭВМ и воспроизводились цифровым оптическим сканирующим устройством, с тем чтобы свести к минимуму вероятность ошибок.

Данные в таблицах даны в единицах системы СИ, за исключением таблиц 1 и 4, в которых температура указана в градусах Цельсия, и таблиц 4, 5 и 6, а также правых страниц таблицы 7, где высоты даны в футах.

Примечание 1. Одно- или двух разрядное число (которому предшествует знак плюс или минус) после исходного значения каждого блока представляет собой показатель степени числа по основанию 10, на которое должно умножаться данное значение и каждое последующее значение этого блока. Изменение показателя степени в блоке указывается аналогичным обозначением.

Примечание 2. Все таблицы рассчитаны для слоя от -5 до 80 км, за исключением гипсометрических таблиц (таблица 7), которые рассчитаны только до высоты 32 км.

4. СПРАВОЧНЫЙ МАТЕРИАЛ

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TABLE 1

Temperature (*T* and *t*), pressure (*p*), density (ρ) and acceleration due to gravity (*g*)
in terms of geometrical altitude (*h*) and geopotential altitude (*H*)
(altitudes in metres)

TABLEAU 1

Température (*T* et *t*), pression (*p*), masse volumique (ρ) et accélération due à la pesanteur (*g*)
en fonction de l'altitude géométrique (*h*) et de l'altitude géopotentielle (*H*)
(altitudes en mètres)

TABLA 1

Temperatura (*T* y *t*), presión (*p*), densidad (ρ) y aceleración debida a la gravedad (*g*)
en función de la altitud geométrica (*h*) y geopotencial (*H*)
(altitudes en metros)

ТАБЛИЦА 1

Температура (*T* и *t*), давление (*p*), плотность (ρ) и ускорение силы тяжести (*g*)
в функции геометрической (*h*) и геопотенциальной (*H*) высот
(высоты в метрах)

VALUES IN TERMS OF GEOMETRICAL ALTITUDE
VALEURS EN FONCTION DE L'ALTITUDE GÉOMÉTRIQUE
VALORES EN FUNCIÓN DE LA ALTITUD GEOMÉTRICA
ЗНАЧЕНИЯ ПАРАМЕТРОВ В ФУНКЦИИ ГЕОМЕТРИЧЕСКОЙ ВЫСОТЫ

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
h (м)	*H* (м)	*T* (K)	*t* (°C)	*p* (гПа)	ρ (кг/м^3)	*g* (м/с^2)

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE
VALEURS EN FONCTION DE L'ALTITUDE GÉOPOTENTIELLE
VALORES EN FUNCIÓN DE LA ALTITUD GEOPOTENCIAL
ЗНАЧЕНИЯ ПАРАМЕТРОВ В ФУНКЦИИ ГЕОПОТЕНЦИАЛЬНОЙ ВЫСОТЫ

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
H (м)	*h* (м)	*T* (K)	*t* (°C)	*p* (гПа)	ρ (кг/м^3)	*g* (м/с^2)

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
–5 000	–5 004	320.676	47.526	1.77762 +3	1.93113 +0	9.8221
–4 950	–4 954	320.350	47.200	1.76815	1.92280	9.8219
–4 900	–4 904	320.025	46.875	1.75873	1.91450	9.8218
–4 850	–4 854	319.699	46.549	1.74935	1.90622	9.8216
–4 800	–4 804	319.374	46.224	1.74001	1.89798	9.8215
–4 750	–4 754	319.048	45.898	1.73071	1.88976	9.8213
–4 700	–4 703	318.723	45.573	1.72145	1.88157	9.8212
–4 650	–4 653	318.397	45.247	1.71223	1.87340	9.8210
–4 600	–4 603	318.072	44.922	1.70305	1.86527	9.8209
–4 550	–4 553	317.746	44.596	1.69391	1.85716	9.8207
–4 500	–4 503	317.421	44.271	1.68481 +3	1.84907 +0	9.8205
–4 450	–4 453	317.095	43.945	1.67575	1.84102	9.8204
–4 400	–4 403	316.770	43.620	1.66673	1.83299	9.8202
–4 350	–4 353	316.444	43.294	1.65775	1.82499	9.8201
–4 300	–4 303	316.119	42.969	1.64881	1.81701	9.8199
–4 250	–4 253	315.793	42.643	1.63991	1.80907	9.8198
–4 200	–4 203	315.468	42.318	1.63105	1.80115	9.8196
–4 150	–4 153	315.143	41.993	1.62222	1.79325	9.8195
–4 100	–4 103	314.817	41.667	1.61344	1.78538	9.8193
–4 050	–4 053	314.492	41.342	1.60469	1.77754	9.8192
–4 000	–4 003	314.166	41.016	1.59598 +3	1.76973 +0	9.8190
–3 950	–3 952	313.841	40.691	1.58731	1.76194	9.8188
–3 900	–3 902	313.516	40.366	1.57868	1.75418	9.8187
–3 850	–3 852	313.190	40.040	1.57009	1.74644	9.8185
–3 800	–3 802	312.865	39.715	1.56154	1.73873	9.8184
–3 750	–3 752	312.539	39.389	1.55302	1.73105	9.8182
–3 700	–3 702	312.214	39.064	1.54454	1.72339	9.8181
–3 650	–3 652	311.889	38.739	1.53610	1.71576	9.8179
–3 600	–3 602	311.563	38.413	1.52769	1.70816	9.8178
–3 550	–3 552	311.238	38.088	1.51933	1.70058	9.8176
–3 500	–3 502	310.913	37.763	1.51100 +3	1.69303 +0	9.8175
–3 450	–3 452	310.587	37.437	1.50271	1.68550	9.8173
–3 400	–3 402	310.262	37.112	1.49445	1.67800	9.8171
–3 350	–3 352	309.936	36.786	1.48623	1.67052	9.8170
–3 300	–3 302	309.611	36.461	1.47805	1.66307	9.8168
–3 250	–3 252	309.286	36.136	1.46991	1.65565	9.8167
–3 200	–3 202	308.960	35.810	1.46180	1.64825	9.8165
–3 150	–3 152	308.635	35.485	1.45373	1.64088	9.8164
–3 100	–3 102	308.310	35.160	1.44569	1.63353	9.8162
–3 050	–3 051	307.985	34.835	1.43769	1.62620	9.8161
–3 000	–3 001	307.659	34.509	1.42973 +3	1.61891 +0	9.8159
–2 950	–2 951	307.334	34.184	1.42180	1.61163	9.8158
–2 900	–2 901	307.009	33.859	1.41391	1.60439	9.8156
–2 850	–2 851	306.683	33.533	1.40605	1.59716	9.8154
–2 800	–2 801	306.358	33.208	1.39823	1.58997	9.8153
–2 750	–2 751	306.033	32.883	1.39045	1.58279	9.8151
–2 700	–2 701	305.707	32.557	1.38270	1.57565	9.8150
–2 650	–2 651	305.382	32.232	1.37498	1.56852	9.8148
–2 600	–2 601	305.057	31.907	1.36730	1.56143	9.8147
–2 550	–2 551	304.732	31.582	1.35966	1.55435	9.8145
–2 500	–2 501	304.406	31.256	1.35205 +3	1.54731 +0	9.8144
–2 450	–2 451	304.081	30.931	1.34447	1.54028	9.8142
–2 400	–2 401	303.756	30.606	1.33693	1.53328	9.8141
–2 350	–2 351	303.431	30.281	1.32942	1.52631	9.8139
–2 300	–2 301	303.105	29.955	1.32195	1.51936	9.8138
–2 250	–2 251	302.780	29.630	1.31451	1.51243	9.8136
–2 200	–2 201	302.455	29.305	1.30711	1.50553	9.8134
–2 150	–2 151	302.130	28.980	1.29974	1.49865	9.8133
–2 100	–2 101	301.805	28.655	1.29240	1.49180	9.8131
–2 050	–2 051	301.479	28.329	1.28510	1.48497	9.8130

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
–5 000	–4 996	320.650	47.500	1.77687 +3	1.93047 +0	9.8221
–4 950	–4 946	320.325	47.175	1.76743	1.92216	9.8219
–4 900	–4 896	320.000	46.850	1.75802	1.91387	9.8218
–4 850	–4 846	319.675	46.525	1.74866	1.90561	9.8216
–4 800	–4 796	319.350	46.200	1.73933	1.89738	9.8215
–4 750	–4 746	319.025	45.875	1.73005	1.88918	9.8213
–4 700	–4 697	318.700	45.550	1.72081	1.88100	9.8212
–4 650	–4 647	318.375	45.225	1.71160	1.87285	9.8210
–4 600	–4 597	318.050	44.900	1.70244	1.86473	9.8208
–4 550	–4 547	317.725	44.575	1.69332	1.85663	9.8207
–4 500	–4 497	317.400	44.250	1.68423 +3	1.84856 +0	9.8205
–4 450	–4 447	317.075	43.925	1.67519	1.84052	9.8204
–4 400	–4 397	316.750	43.600	1.66618	1.83250	9.8202
–4 350	–4 347	316.425	43.275	1.65722	1.82451	9.8201
–4 300	–4 297	316.100	42.950	1.64829	1.81655	9.8199
–4 250	–4 247	315.775	42.625	1.63940	1.80862	9.8198
–4 200	–4 197	315.450	42.300	1.63056	1.80071	9.8196
–4 150	–4 147	315.125	41.975	1.62175	1.79283	9.8195
–4 100	–4 097	314.800	41.650	1.61297	1.78497	9.8193
–4 050	–4 047	314.475	41.325	1.60424	1.77714	9.8191
–4 000	–3 997	314.150	41.000	1.59555 +3	1.76934 +0	9.8190
–3 950	–3 948	313.825	40.675	1.58689	1.76156	9.8188
–3 900	–3 898	313.500	40.350	1.57827	1.75381	9.8187
–3 850	–3 848	313.175	40.025	1.56969	1.74608	9.8185
–3 800	–3 798	312.850	39.700	1.56115	1.73839	9.8184
–3 750	–3 748	312.525	39.375	1.55264	1.73071	9.8182
–3 700	–3 698	312.200	39.050	1.54418	1.72307	9.8181
–3 650	–3 648	311.875	38.725	1.53575	1.71544	9.8179
–3 600	–3 598	311.550	38.400	1.52735	1.70785	9.8178
–3 550	–3 548	311.225	38.075	1.51900	1.70028	9.8176
–3 500	–3 498	310.900	37.750	1.51068 +3	1.69274 +0	9.8175
–3 450	–3 448	310.575	37.425	1.50240	1.68522	9.8173
–3 400	–3 398	310.250	37.100	1.49415	1.67773	9.8171
–3 350	–3 348	309.925	36.775	1.48594	1.67026	9.8170
–3 300	–3 298	309.600	36.450	1.47777	1.66282	9.8168
–3 250	–3 248	309.275	36.125	1.46964	1.65540	9.8167
–3 200	–3 198	308.950	35.800	1.46154	1.64801	9.8165
–3 150	–3 148	308.625	35.475	1.45348	1.64065	9.8164
–3 100	–3 098	308.300	35.150	1.44545	1.63331	9.8162
–3 050	–3 049	307.975	34.825	1.43746	1.62599	9.8161
–3 000	–2 999	307.650	34.500	1.42950 +3	1.61870 +0	9.8159
–2 950	–2 949	307.325	34.175	1.42158	1.61144	9.8158
–2 900	–2 899	307.000	33.850	1.41370	1.60420	9.8156
–2 850	–2 849	306.675	33.525	1.40585	1.59698	9.8154
–2 800	–2 799	306.350	33.200	1.39804	1.58979	9.8153
–2 750	–2 749	306.025	32.875	1.39026	1.58262	9.8151
–2 700	–2 699	305.700	32.550	1.38252	1.57548	9.8150
–2 650	–2 649	305.375	32.225	1.37481	1.56837	9.8148
–2 600	–2 599	305.050	31.900	1.36714	1.56128	9.8147
–2 550	–2 549	304.725	31.575	1.35950	1.55421	9.8145
–2 500	–2 499	304.400	31.250	1.35190 +3	1.54717 +0	9.8144
–2 450	–2 449	304.075	30.925	1.34433	1.54015	9.8142
–2 400	–2 399	303.750	30.600	1.33679	1.53316	9.8141
–2 350	–2 349	303.425	30.275	1.32929	1.52619	9.8139
–2 300	–2 299	303.100	29.950	1.32183	1.51924	9.8137
–2 250	–2 249	302.775	29.625	1.31439	1.51232	9.8136
–2 200	–2 199	302.450	29.300	1.30700	1.50542	9.8134
–2 150	–2 149	302.125	28.975	1.29963	1.49855	9.8133
–2 100	–2 099	301.800	28.650	1.29230	1.49170	9.8131
–2 050	–2 049	301.475	28.325	1.28500	1.48488	9.8130

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
–2 000	–2 001	301.154	28.004	1.27783 +3	1.47816 +0	9.8128
–1 950	–1 951	300.829	27.679	1.27059	1.47138	9.8127
–1 900	–1 901	300.504	27.354	1.26339	1.46462	9.8125
–1 850	–1 851	300.179	27.029	1.25622	1.45789	9.8124
–1 800	–1 801	299.853	26.703	1.24909	1.45118	9.8122
–1 750	–1 750	299.528	26.378	1.24198	1.44449	9.8121
–1 700	–1 700	299.203	26.053	1.23491	1.43783	9.8119
–1 650	–1 650	298.878	25.728	1.22787	1.43119	9.8117
–1 600	–1 600	298.553	25.403	1.22087	1.42458	9.8116
–1 550	–1 550	298.227	25.077	1.21390	1.41799	9.8114
–1 500	–1 500	297.902	24.752	1.20696 +3	1.41142 +0	9.8113
–1 450	–1 450	297.577	24.427	1.20005	1.40487	9.8111
–1 400	–1 400	297.252	24.102	1.19317	1.39835	9.8110
–1 350	–1 350	296.927	23.777	1.18633	1.39186	9.8108
–1 300	–1 300	296.602	23.452	1.17952	1.38538	9.8107
–1 250	–1 250	296.277	23.127	1.17274	1.37893	9.8105
–1 200	–1 200	295.951	22.801	1.16599	1.37250	9.8104
–1 150	–1 150	295.626	22.476	1.15927	1.36610	9.8102
–1 100	–1 100	295.301	22.151	1.15259	1.35971	9.8100
–1 050	–1 050	294.976	21.826	1.14593	1.35335	9.8099
–1 000	–1 000	294.651	21.501	1.13931 +3	1.34702 +0	9.8097
–950	–950	294.326	21.176	1.13272	1.34070	9.8096
–900	–900	294.001	20.851	1.12616	1.33441	9.8094
–850	–850	293.676	20.526	1.11963	1.32814	9.8093
–800	–800	293.351	20.201	1.11313	1.32190	9.8091
–750	–750	293.026	19.876	1.10666	1.31567	9.8090
–700	–700	292.701	19.551	1.10023	1.30947	9.8088
–650	–650	292.375	19.225	1.09382	1.30330	9.8087
–600	–600	292.050	18.900	1.08744	1.29714	9.8085
–550	–550	291.725	18.575	1.08110	1.29101	9.8083
–500	–500	291.400	18.250	1.07478 +3	1.28490 +0	9.8082
–450	–450	291.075	17.925	1.06849	1.27881	9.8080
–400	–400	290.750	17.600	1.06224	1.27274	9.8079
–350	–350	290.425	17.275	1.05601	1.26670	9.8077
–300	–300	290.100	16.950	1.04981	1.26067	9.8076
–250	–250	289.775	16.625	1.04365	1.25467	9.8074
–200	–200	289.450	16.300	1.03751	1.24870	9.8073
–150	–150	289.125	15.975	1.03140	1.24274	9.8071
–100	–100	288.800	15.650	1.02532	1.23680	9.8070
–50	–50	288.475	15.325	1.01927	1.23089	9.8068
0	0	288.150	15.000	1.01325 +3	1.22500 +0	9.8067
50	50	287.825	14.675	1.00726	1.21913	9.8065
100	100	287.500	14.350	1.00129	1.21328	9.8063
150	150	287.175	14.025	9.95359 +2	1.20746	9.8062
200	200	286.850	13.700	9.89453	1.20165	9.8060
250	250	286.525	13.375	9.83576	1.19587	9.8059
300	300	286.200	13.050	9.77727	1.19011	9.8057
350	350	285.875	12.725	9.71906	1.18437	9.8056
400	400	285.550	12.400	9.66113	1.17865	9.8054
450	450	285.225	12.075	9.60349	1.17295	9.8053
500	500	284.900	11.750	9.54612 +2	1.16727 +0	9.8051
550	550	284.575	11.425	9.48904	1.16162	9.8050
600	600	284.250	11.100	9.43223	1.15598	9.8048
650	650	283.925	10.775	9.37569	1.15037	9.8046
700	700	283.601	10.451	9.31944	1.14478	9.8045
750	750	283.276	10.126	9.26345	1.13921	9.8043
800	800	282.951	9.801	9.20775	1.13365	9.8042
850	850	282.626	9.476	9.15231	1.12812	9.8040
900	900	282.301	9.151	9.09714	1.12262	9.8039
950	950	281.976	8.826	9.04225	1.11713	9.8037

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
–2 000	–1 999	301.150	28.000	1.27774 +3	1.47808 +0	9.8128
–1 950	–1 949	300.825	27.675	1.27051	1.47130	9.8127
–1 900	–1 899	300.500	27.350	1.26331	1.46455	9.8125
–1 850	–1 849	300.175	27.025	1.25614	1.45782	9.8124
–1 800	–1 799	299.850	26.700	1.24901	1.45111	9.8122
–1 750	–1 750	299.525	26.375	1.24191	1.44443	9.8121
–1 700	–1 700	299.200	26.050	1.23485	1.43777	9.8119
–1 650	–1 650	298.875	25.725	1.22781	1.43114	9.8117
–1 600	–1 600	298.550	25.400	1.22081	1.42453	9.8116
–1 550	–1 550	298.225	25.075	1.21384	1.41794	9.8114
–1 500	–1 500	297.900	24.750	1.20691 +3	1.41137 +0	9.8113
–1 450	–1 450	297.575	24.425	1.20000	1.40483	9.8111
–1 400	–1 400	297.250	24.100	1.19313	1.39831	9.8110
–1 350	–1 350	296.925	23.775	1.18629	1.39182	9.8108
–1 300	–1 300	296.600	23.450	1.17948	1.38535	9.8107
–1 250	–1 250	296.275	23.125	1.17271	1.37890	9.8105
–1 200	–1 200	295.950	22.800	1.16596	1.37247	9.8104
–1 150	–1 150	295.625	22.475	1.15925	1.36607	9.8102
–1 100	–1 100	295.300	22.150	1.15256	1.35969	9.8100
–1 050	–1 050	294.975	21.825	1.14591	1.35333	9.8099
–1 000	–1 000	294.650	21.500	1.13929 +3	1.34700 +0	9.8097
–950	–950	294.325	21.175	1.13270	1.34068	9.8096
–900	–900	294.000	20.850	1.12614	1.33440	9.8094
–850	–850	293.675	20.525	1.11962	1.32813	9.8093
–800	–800	293.350	20.200	1.11312	1.32189	9.8091
–750	–750	293.025	19.875	1.10665	1.31566	9.8090
–700	–700	292.700	19.550	1.10022	1.30946	9.8088
–650	–650	292.375	19.225	1.09381	1.30329	9.8087
–600	–600	292.050	18.900	1.08744	1.29713	9.8085
–550	–550	291.725	18.575	1.08109	1.29100	9.8083
–500	–500	291.400	18.250	1.07478 +3	1.28489 +0	9.8082
–450	–450	291.075	17.925	1.06849	1.27880	9.8080
–400	–400	290.750	17.600	1.06223	1.27274	9.8079
–350	–350	290.425	17.275	1.05601	1.26669	9.8077
–300	–300	290.100	16.950	1.04981	1.26067	9.8076
–250	–250	289.775	16.625	1.04365	1.25467	9.8074
–200	–200	289.450	16.300	1.03751	1.24869	9.8073
–150	–150	289.125	15.975	1.03140	1.24274	9.8071
–100	–100	288.800	15.650	1.02532	1.23680	9.8070
–50	–50	288.475	15.325	1.01927	1.23089	9.8068
0	0	288.150	15.000	1.01325 +3	1.22500 +0	9.8067
50	50	287.825	14.675	1.00726	1.21913	9.8065
100	100	287.500	14.350	1.00129	1.21328	9.8063
150	150	287.175	14.025	9.95359 +2	1.20746	9.8062
200	200	286.850	13.700	9.89453	1.20165	9.8060
250	250	286.525	13.375	9.83575	1.19587	9.8059
300	300	286.200	13.050	9.77725	1.19011	9.8057
350	350	285.875	12.725	9.71904	1.18436	9.8056
400	400	285.550	12.400	9.66111	1.17864	9.8054
450	450	285.225	12.075	9.60345	1.17295	9.8053
500	500	284.900	11.750	9.54608 +2	1.16727 +0	9.8051
550	550	284.575	11.425	9.48898	1.16161	9.8050
600	600	284.250	11.100	9.43216	1.15598	9.8048
650	650	283.925	10.775	9.37562	1.15036	9.8046
700	700	283.600	10.450	9.31935	1.14477	9.8045
750	750	283.275	10.125	9.26336	1.13920	9.8043
800	800	282.950	9.800	9.20763	1.13364	9.8042
850	850	282.625	9.475	9.15218	1.12811	9.8040
900	900	282.300	9.150	9.09700	1.12260	9.8039
950	950	281.975	8.825	9.04209	1.11711	9.8037

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
1 000	1 000	281.651	8.501	8.98763 +2	1.11166 +0	9.8036
1 050	1 050	281.326	8.176	8.93327	1.10621	9.8034
1 100	1 100	281.001	7.851	8.87918	1.10079	9.8033
1 150	1 150	280.676	7.526	8.82536	1.09538	9.8031
1 200	1 200	280.351	7.201	8.77180	1.08999	9.8029
1 250	1 250	280.027	6.877	8.71851	1.08463	9.8028
1 300	1 300	279.702	6.552	8.66548	1.07928	9.8026
1 350	1 350	279.377	6.227	8.61271	1.07396	9.8025
1 400	1 400	279.052	5.902	8.56020	1.06865	9.8023
1 450	1 450	278.727	5.577	8.50795	1.06337	9.8022
1 500	1 500	278.402	5.252	8.45597 +2	1.05810 +0	9.8020
1 550	1 550	278.077	4.927	8.40424	1.05286	9.8019
1 600	1 600	277.753	4.603	8.35277	1.04764	9.8017
1 650	1 650	277.428	4.278	8.30155	1.04243	9.8016
1 700	1 700	277.103	3.953	8.25059	1.03725	9.8014
1 750	1 750	276.778	3.628	8.19989	1.03208	9.8013
1 800	1 799	276.453	3.303	8.14943	1.02694	9.8011
1 850	1 849	276.128	2.979	8.09923	1.02181	9.8009
1 900	1 899	275.804	2.654	8.04929	1.01671	9.8008
1 950	1 949	275.479	2.329	7.99959	1.01162	9.8006
2 000	1 999	275.154	2.004	7.95014 +2	1.00655 +0	9.8005
2 050	2 049	274.829	1.679	7.90094	1.00151	9.8003
2 100	2 099	274.505	1.355	7.85199	9.96479 –1	9.8002
2 150	2 149	274.180	1.030	7.80329	9.91471	9.8000
2 200	2 199	273.855	0.705	7.75483	9.86483	9.7999
2 250	2 249	273.530	0.380	7.70661	9.81513	9.7997
2 300	2 299	273.205	0.055	7.65864	9.76563	9.7996
2 350	2 349	272.881	–0.269	7.61091	9.71632	9.7994
2 400	2 399	272.556	–0.594	7.56342	9.66721	9.7992
2 450	2 449	272.231	–0.919	7.51618	9.61828	9.7991
2 500	2 499	271.906	–1.244	7.46917 +2	9.56954 –1	9.7989
2 550	2 549	271.582	–1.568	7.42241	9.52100	9.7988
2 600	2 599	271.257	–1.893	7.37588	9.47264	9.7986
2 650	2 649	270.932	–2.218	7.32959	9.42447	9.7985
2 700	2 699	270.607	–2.543	7.28353	9.37649	9.7983
2 750	2 749	270.283	–2.867	7.23771	9.32870	9.7982
2 800	2 799	269.958	–3.192	7.19213	9.28110	9.7980
2 850	2 849	269.633	–3.517	7.14678	9.23368	9.7979
2 900	2 899	269.309	–3.841	7.10166	9.18645	9.7977
2 950	2 949	268.984	–4.166	7.05677	9.13940	9.7976
3 000	2 999	268.659	–4.491	7.01212 +2	9.09254 –1	9.7974
3 050	3 049	268.335	–4.815	6.96769	9.04587	9.7972
3 100	3 098	268.010	–5.140	6.92349	8.99938	9.7971
3 150	3 148	267.685	–5.465	6.87952	8.95307	9.7969
3 200	3 198	267.360	–5.790	6.83578	8.90694	9.7968
3 250	3 248	267.036	–6.114	6.79226	8.86100	9.7966
3 300	3 298	266.711	–6.439	6.74897	8.81524	9.7965
3 350	3 348	266.386	–6.764	6.70590	8.76967	9.7963
3 400	3 398	266.062	–7.088	6.66306	8.72427	9.7962
3 450	3 448	265.737	–7.413	6.62044	8.67905	9.7960
3 500	3 498	265.413	–7.737	6.57804 +2	8.63402 –1	9.7959
3 550	3 548	265.088	–8.062	6.53586	8.58916	9.7957
3 600	3 598	264.763	–8.387	6.49390	8.54449	9.7956
3 650	3 648	264.439	–8.711	6.45216	8.49999	9.7954
3 700	3 698	264.114	–9.036	6.41064	8.45567	9.7952
3 750	3 748	263.789	–9.361	6.36933	8.41153	9.7951
3 800	3 798	263.465	–9.685	6.32825	8.36756	9.7949
3 850	3 848	263.140	–10.010	6.28737	8.32377	9.7948
3 900	3 898	262.816	–10.334	6.24672	8.28016	9.7946
3 950	3 948	262.491	–10.659	6.20627	8.23673	9.7945

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
1 000	1 000	281.650	8.500	8.98746 +2	1.11164 +0	9.8036
1 050	1 050	281.325	8.175	8.93308	1.10619	9.8034
1 100	1 100	281.000	7.850	8.87898	1.10076	9.8033
1 150	1 150	280.675	7.525	8.82513	1.09536	9.8031
1 200	1 200	280.350	7.200	8.77156	1.08997	9.8029
1 250	1 250	280.025	6.875	8.71824	1.08460	9.8028
1 300	1 300	279.700	6.550	8.66519	1.07925	9.8026
1 350	1 350	279.375	6.225	8.61241	1.07393	9.8025
1 400	1 400	279.050	5.900	8.55988	1.06862	9.8023
1 450	1 450	278.725	5.575	8.50761	1.06333	9.8022
1 500	1 500	278.400	5.250	8.45560 +2	1.05807 +0	9.8020
1 550	1 550	278.075	4.925	8.40385	1.05282	9.8019
1 600	1 600	277.750	4.600	8.35235	1.04759	9.8017
1 650	1 650	277.425	4.275	8.30111	1.04239	9.8016
1 700	1 700	277.100	3.950	8.25013	1.03720	9.8014
1 750	1 750	276.775	3.625	8.19940	1.03203	9.8013
1 800	1 801	276.450	3.300	8.14892	1.02688	9.8011
1 850	1 851	276.125	2.975	8.09870	1.02176	9.8009
1 900	1 901	275.800	2.650	8.04872	1.01665	9.8008
1 950	1 951	275.475	2.325	7.99900	1.01156	9.8006
2 000	2 001	275.150	2.000	7.94952 +2	1.00649 +0	9.8005
2 050	2 051	274.825	1.675	7.90029	1.00144	9.8003
2 100	2 101	274.500	1.350	7.85131	9.96410 –1	9.8002
2 150	2 151	274.175	1.025	7.80258	9.91399	9.8000
2 200	2 201	273.850	0.700	7.75409	9.86407	9.7999
2 250	2 251	273.525	0.375	7.70584	9.81434	9.7997
2 300	2 301	273.200	0.050	7.65784	9.76481	9.7996
2 350	2 351	272.875	–0.275	7.61008	9.71547	9.7994
2 400	2 401	272.550	–0.600	7.56257	9.66632	9.7992
2 450	2 451	272.225	–0.925	7.51529	9.61736	9.7991
2 500	2 501	271.900	–1.250	7.46825 +2	9.56859 –1	9.7989
2 550	2 551	271.575	–1.575	7.42145	9.52001	9.7988
2 600	2 601	271.250	–1.900	7.37489	9.47161	9.7986
2 650	2 651	270.925	–2.225	7.32857	9.42341	9.7985
2 700	2 701	270.600	–2.550	7.28248	9.37540	9.7983
2 750	2 751	270.275	–2.875	7.23663	9.32757	9.7982
2 800	2 801	269.950	–3.200	7.19101	9.27992	9.7980
2 850	2 851	269.625	–3.525	7.14562	9.23247	9.7979
2 900	2 901	269.300	–3.850	7.10047	9.18520	9.7977
2 950	2 951	268.975	–4.175	7.05555	9.13812	9.7976
3 000	3 001	268.650	–4.500	7.01085 +2	9.09122 –1	9.7974
3 050	3 051	268.325	–4.825	6.96639	9.04450	9.7972
3 100	3 102	268.000	–5.150	6.92216	8.99797	9.7971
3 150	3 152	267.675	–5.475	6.87815	8.95162	9.7969
3 200	3 202	267.350	–5.800	6.83437	8.90546	9.7968
3 250	3 252	267.025	–6.125	6.79082	8.85948	9.7966
3 300	3 302	266.700	–6.450	6.74749	8.81368	9.7965
3 350	3 352	266.375	–6.775	6.70438	8.76806	9.7963
3 400	3 402	266.050	–7.100	6.66150	8.72262	9.7962
3 450	3 452	265.725	–7.425	6.61884	8.67736	9.7960
3 500	3 502	265.400	–7.750	6.57641 +2	8.63229 –1	9.7959
3 550	3 552	265.075	–8.075	6.53419	8.58739	9.7957
3 600	3 602	264.750	–8.400	6.49219	8.54267	9.7955
3 650	3 652	264.425	–8.725	6.45041	8.49813	9.7954
3 700	3 702	264.100	–9.050	6.40885	8.45376	9.7952
3 750	3 752	263.775	–9.375	6.36751	8.40958	9.7951
3 800	3 802	263.450	–9.700	6.32638	8.36557	9.7949
3 850	3 852	263.125	–10.025	6.28547	8.32174	9.7948
3 900	3 902	262.800	–10.350	6.24478	8.27808	9.7946
3 950	3 952	262.475	–10.675	6.20429	8.23460	9.7945

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
4 000	3 997	262.166	–10.984	6.16604 +2	8.19347 –1	9.7943
4 050	4 047	261.842	–11.308	6.12602	8.15038	9.7942
4 100	4 097	261.517	–11.633	6.08622	8.10747	9.7940
4 150	4 147	261.193	–11.957	6.04662	8.06473	9.7939
4 200	4 197	260.868	–12.282	6.00723	8.02216	9.7937
4 250	4 247	260.543	–12.607	5.96805	7.97977	9.7936
4 300	4 297	260.219	–12.931	5.92908	7.93755	9.7934
4 350	4 347	259.894	–13.256	5.89032	7.89550	9.7932
4 400	4 397	259.570	–13.580	5.85176	7.85363	9.7931
4 450	4 447	259.245	–13.905	5.81340	7.81192	9.7929
4 500	4 497	258.921	–14.229	5.77526 +2	7.77038 –1	9.7928
4 550	4 547	258.596	–14.554	5.73731	7.72902	9.7926
4 600	4 597	258.272	–14.878	5.69957	7.68782	9.7925
4 650	4 647	257.947	–15.203	5.66203	7.64679	9.7923
4 700	4 697	257.623	–15.527	5.62469	7.60593	9.7922
4 750	4 746	257.298	–15.852	5.58755	7.56524	9.7920
4 800	4 796	256.974	–16.176	5.55061	7.52472	9.7919
4 850	4 846	256.649	–16.501	5.51387	7.48436	9.7917
4 900	4 896	256.325	–16.825	5.47732	7.44417	9.7915
4 950	4 946	256.000	–17.150	5.44098	7.40415	9.7914
5 000	4 996	255.676	–17.474	5.40483 +2	7.36429 –1	9.7912
5 050	5 046	255.351	–17.799	5.36887	7.32459	9.7911
5 100	5 096	255.027	–18.123	5.33311	7.28506	9.7909
5 150	5 146	254.702	–18.448	5.29754	7.24570	9.7908
5 200	5 196	254.378	–18.772	5.26217	7.20649	9.7906
5 250	5 246	254.053	–19.097	5.22699	7.16745	9.7905
5 300	5 296	253.729	–19.421	5.19200	7.12858	9.7903
5 350	5 346	253.404	–19.746	5.15720	7.08986	9.7902
5 400	5 395	253.080	–20.070	5.12259	7.05131	9.7900
5 450	5 445	252.755	–20.395	5.08816	7.01292	9.7899
5 500	5 495	252.431	–20.719	5.05393 +2	6.97469 –1	9.7897
5 550	5 545	252.106	–21.044	5.01988	6.93662	9.7895
5 600	5 595	251.782	–21.368	4.98602	6.89871	9.7894
5 650	5 645	251.458	–21.692	4.95235	6.86095	9.7892
5 700	5 695	251.133	–22.017	4.91886	6.82336	9.7891
5 750	5 745	250.809	–22.341	4.88555	6.78593	9.7889
5 800	5 795	250.484	–22.666	4.85243	6.74865	9.7888
5 850	5 845	250.160	–22.990	4.81949	6.71153	9.7886
5 900	5 895	249.836	–23.314	4.78673	6.67457	9.7885
5 950	5 944	249.511	–23.639	4.75416	6.63776	9.7883
6 000	5 994	249.187	–23.963	4.72176 +2	6.60111 –1	9.7882
6 050	6 044	248.862	–24.288	4.68955	6.56462	9.7880
6 100	6 094	248.538	–24.612	4.65751	6.52828	9.7879
6 150	6 144	248.214	–24.936	4.62565	6.49210	9.7877
6 200	6 194	247.889	–25.261	4.59396	6.45607	9.7875
6 250	6 244	247.565	–25.585	4.56246	6.42019	9.7874
6 300	6 294	247.241	–25.909	4.53113	6.38447	9.7872
6 350	6 344	246.916	–26.234	4.49997	6.34890	9.7871
6 400	6 394	246.592	–26.558	4.46899	6.31348	9.7869
6 450	6 443	246.267	–26.883	4.43818	6.27821	9.7868
6 500	6 493	245.943	–27.207	4.40755 +2	6.24310 –1	9.7866
6 550	6 543	245.619	–27.531	4.37708	6.20813	9.7865
6 600	6 593	245.294	–27.856	4.34679	6.17332	9.7863
6 650	6 643	244.970	–28.180	4.31667	6.13866	9.7862
6 700	6 693	244.646	–28.504	4.28672	6.10415	9.7860
6 750	6 743	244.322	–28.828	4.25693	6.06978	9.7859
6 800	6 793	243.997	–29.153	4.22732	6.03557	9.7857
6 850	6 843	243.673	–29.477	4.19787	6.00150	9.7855
6 900	6 893	243.349	–29.801	4.16859	5.96758	9.7854
6 950	6 942	243.024	–30.126	4.13947	5.93381	9.7852

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
4 000	4 003	262.150	–11.000	6.16402 +2	8.19129 –1	9.7943
4 050	4 053	261.825	–11.325	6.12396	8.14816	9.7942
4 100	4 103	261.500	–11.650	6.08412	8.10520	9.7940
4 150	4 153	261.175	–11.975	6.04448	8.06242	9.7938
4 200	4 203	260.850	–12.300	6.00505	8.01981	9.7937
4 250	4 253	260.525	–12.625	5.96583	7.97737	9.7935
4 300	4 303	260.200	–12.950	5.92682	7.93510	9.7934
4 350	4 353	259.875	–13.275	5.88801	7.89300	9.7932
4 400	4 403	259.550	–13.600	5.84941	7.85108	9.7931
4 450	4 453	259.225	–13.925	5.81102	7.80933	9.7929
4 500	4 503	258.900	–14.250	5.77283 +2	7.76774 –1	9.7928
4 550	4 553	258.575	–14.575	5.73484	7.72633	9.7926
4 600	4 603	258.250	–14.900	5.69706	7.68508	9.7925
4 650	4 653	257.925	–15.225	5.65948	7.64401	9.7923
4 700	4 703	257.600	–15.550	5.62210	7.60310	9.7922
4 750	4 754	257.275	–15.875	5.58492	7.56236	9.7920
4 800	4 804	256.950	–16.200	5.54794	7.52178	9.7918
4 850	4 854	256.625	–16.525	5.51115	7.48138	9.7917
4 900	4 904	256.300	–16.850	5.47457	7.44114	9.7915
4 950	4 954	255.975	–17.175	5.43818	7.40106	9.7914
5 000	5 004	255.650	–17.500	5.40199 +2	7.36116 –1	9.7912
5 050	5 054	255.325	–17.825	5.36599	7.32141	9.7911
5 100	5 104	255.000	–18.150	5.33019	7.28183	9.7909
5 150	5 154	254.675	–18.475	5.29458	7.24242	9.7908
5 200	5 204	254.350	–18.800	5.25917	7.20316	9.7906
5 250	5 254	254.025	–19.125	5.22394	7.16407	9.7905
5 300	5 304	253.700	–19.450	5.18891	7.12515	9.7903
5 350	5 355	253.375	–19.775	5.15407	7.08638	9.7901
5 400	5 405	253.050	–20.100	5.11942	7.04778	9.7900
5 450	5 455	252.725	–20.425	5.08495	7.00934	9.7898
5 500	5 505	252.400	–20.750	5.05068 +2	6.97105 –1	9.7897
5 550	5 555	252.075	–21.075	5.01659	6.93293	9.7895
5 600	5 605	251.750	–21.400	4.98269	6.89497	9.7894
5 650	5 655	251.425	–21.725	4.94897	6.85717	9.7892
5 700	5 705	251.100	–22.050	4.91544	6.81952	9.7891
5 750	5 755	250.775	–22.375	4.88210	6.78204	9.7889
5 800	5 805	250.450	–22.700	4.84893	6.74471	9.7888
5 850	5 855	250.125	–23.025	4.81595	6.70754	9.7886
5 900	5 905	249.800	–23.350	4.78315	6.67053	9.7885
5 950	5 956	249.475	–23.675	4.75054	6.63367	9.7883
6 000	6 006	249.150	–24.000	4.71810 +2	6.59697 –1	9.7881
6 050	6 056	248.825	–24.325	4.68584	6.56042	9.7880
6 100	6 106	248.500	–24.650	4.65377	6.52403	9.7878
6 150	6 156	248.175	–24.975	4.62186	6.48780	9.7877
6 200	6 206	247.850	–25.300	4.59014	6.45171	9.7875
6 250	6 256	247.525	–25.625	4.55859	6.41579	9.7874
6 300	6 306	247.200	–25.950	4.52722	6.38001	9.7872
6 350	6 356	246.875	–26.275	4.49603	6.34439	9.7871
6 400	6 406	246.550	–26.600	4.46501	6.30892	9.7869
6 450	6 457	246.225	–26.925	4.43416	6.27360	9.7868
6 500	6 507	245.900	–27.250	4.40348 +2	6.23844 –1	9.7866
6 550	6 557	245.575	–27.575	4.37298	6.20342	9.7865
6 600	6 607	245.250	–27.900	4.34265	6.16856	9.7863
6 650	6 657	244.925	–28.225	4.31249	6.13384	9.7861
6 700	6 707	244.600	–28.550	4.28249	6.09928	9.7860
6 750	6 757	244.275	–28.875	4.25267	6.06486	9.7858
6 800	6 807	243.950	–29.200	4.22302	6.03060	9.7857
6 850	6 857	243.625	–29.525	4.19353	5.99648	9.7855
6 900	6 907	243.300	–29.850	4.16421	5.96251	9.7854
6 950	6 958	242.975	–30.175	4.13506	5.92868	9.7852

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
7 000	6 992	242.700	–30.450	4.11053 +2	5.90018 –1	9.7851
7 050	7 042	242.376	–30.774	4.08174	5.86671	9.7849
7 100	7 092	242.051	–31.099	4.05312	5.83337	9.7848
7 150	7 142	241.727	–31.423	4.02466	5.80019	9.7846
7 200	7 192	241.403	–31.747	3.99637	5.76715	9.7845
7 250	7 242	241.079	–32.071	3.96823	5.73425	9.7843
7 300	7 292	240.754	–32.396	3.94026	5.70150	9.7842
7 350	7 342	240.430	–32.720	3.91245	5.66889	9.7840
7 400	7 391	240.106	–33.044	3.88480	5.63642	9.7839
7 450	7 441	239.782	–33.368	3.85730	5.60410	9.7837
7 500	7 491	239.457	–33.693	3.82997 +2	5.57192 –1	9.7836
7 550	7 541	239.133	–34.017	3.80279	5.53988	9.7834
7 600	7 591	238.809	–34.341	3.77577	5.50798	9.7832
7 650	7 641	238.485	–34.665	3.74890	5.47623	9.7831
7 700	7 691	238.161	–34.989	3.72219	5.44462	9.7829
7 750	7 741	237.836	–35.314	3.69564	5.41314	9.7828
7 800	7 790	237.512	–35.638	3.66924	5.38181	9.7826
7 850	7 840	237.188	–35.962	3.64299	5.35061	9.7825
7 900	7 890	236.864	–36.286	3.6l690	5.31956	9.7823
7 950	7 940	236.540	–36.610	3.59095	5.28864	9.7822
8 000	7 990	236.215	–36.935	3.56516 +2	5.25786 –1	9.7820
8 050	8 040	235.891	–37.259	3.53952	5.22722	9.7819
8 100	8 090	235.567	–37.583	3.51403	5.19671	9.7817
8 150	8 140	235.243	–37.907	3.48869	5.16635	9.7816
8 200	8 189	234.919	–38.231	3.46349	5.13612	9.7814
8 250	8 239	234.595	–38.555	3.43845	5.10602	9.7812
8 300	8 289	234.270	–38.880	3.41355	5.07606	9.7811
8 350	8 339	233.946	–39.204	3.38880	5.04624	9.7809
8 400	8 389	233.622	–39.528	3.36419	5.01655	9.7808
8 450	8 439	233.298	–39.852	3.33973	4.98699	9.7806
8 500	8 489	232.974	–40.176	3.31542 +2	4.95757 –1	9.7805
8 550	8 539	232.650	–40.500	3.29124	4.92829	9.7803
8 600	8 588	232.326	–40.824	3.26722	4.89913	9.7802
8 650	8 638	232.001	–41.149	3.24333	4.87011	9.7800
8 700	8 688	231.677	–41.473	3.21959	4.84122	9.7799
8 750	8 738	231.353	–41.797	3.19598	4.81246	9.7797
8 800	8 788	231.029	–42.121	3.17252	4.78383	9.7796
8 850	8 838	230.705	–42.445	3.14920	4.75534	9.7794
8 900	8 888	230.381	–42.769	3.12602	4.72697	9.7792
8 950	8 937	230.057	–43.093	3.10297	4.69874	9.7791
9 000	8 987	229.733	–43.417	3.08007 +2	4.67063 –1	9.7789
9 050	9 037	229.409	–43.741	3.05730	4.64265	9.7788
9 100	9 087	229.085	–44.065	3.03467	4.61481	9.7786
9 150	9 137	228.760	–44.390	3.01217	4.58709	9.7785
9 200	9 187	228.436	–44.714	2.98981	4.55949	9.7783
9 250	9 237	228.112	–45.038	2.96759	4.53203	9.7782
9 300	9 286	227.788	–45.362	2.94550	4.50469	9.7780
9 350	9 336	227.464	–45.686	2.92354	4.47748	9.7779
9 400	9 386	227.140	–46.010	2.90172	4.45040	9.7777
9 450	9 436	226.816	–46.334	2.88003	4.42344	9.7776
9 500	9 486	226.492	–46.658	2.85847 +2	4.39661 –1	9.7774
9 550	9 536	226.168	–46.982	2.83704	4.36990	9.7773
9 600	9 586	225.844	–47.306	2.81574	4.34332	9.7771
9 650	9 635	225.520	–47.630	2.79457	4.31686	9.7769
9 700	9 685	225.196	–47.954	2.77353	4.29053	9.7768
9 750	9 735	224.872	–48.278	2.75262	4.26432	9.7766
9 800	9 785	224.548	–48.602	2.73184	4.23823	9.7765
9 850	9 835	224.224	–48.926	2.71119	4.21227	9.7763
9 900	9 885	223.900	–49.250	2.69066	4.18642	9.7762
9 950	9 934	223.576	–49.574	2.67026	4.16070	9.7760

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
7 000	7 008	242.650	–30.500	4.10607 +2	5.89501 –1	9.7851
7 050	7 058	242.325	–30.825	4.07725	5.86148	9.7849
7 100	7 108	242.000	–31.150	4.04859	5.82809	9.7848
7 150	7 158	241.675	–31.475	4.02009	5.79486	9.7846
7 200	7 208	241.350	–31.800	3.99176	5.76176	9.7844
7 250	7 258	241.025	–32.125	3.96359	5.72882	9.7843
7 300	7 308	240.700	–32.450	3.93558	5.69601	9.7841
7 350	7 359	240.375	–32.775	3.90773	5.66335	9.7840
7 400	7 409	240.050	–33.100	3.88004	5.63084	9.7838
7 450	7 459	239.725	–33.425	3.85251	5.59846	9.7837
7 500	7 509	239.400	–33.750	3.82514 +2	5.56623 –1	9.7835
7 550	7 559	239.075	–34.075	3.79792	5.53414	9.7834
7 600	7 609	238.750	–34.400	3.77087	5.50220	9.7832
7 650	7 659	238.425	–34.725	3.74397	5.47039	9.7831
7 700	7 709	238.100	–35.050	3.71722	5.43873	9.7829
7 750	7 759	237.775	–35.375	3.69063	5.40720	9.7828
7 800	7 810	237.450	–35.700	3.66420	5.37582	9.7826
7 850	7 860	237.125	–36.025	3.63791	5.34457	9.7824
7 900	7 910	236.800	–36.350	3.61178	5.31347	9.7823
7 950	7 960	236.475	–36.675	3.58581	5.28250	9.7821
8 000	8 010	236.150	–37.000	3.55998 +2	5.25167 –1	9.7820
8 050	8 060	235.825	–37.325	3.53430	5.22098	9.7818
8 100	8 110	235.500	–37.650	3.50878	5.19043	9.7817
8 150	8 160	235.175	–37.975	3.48340	5.16001	9.7815
8 200	8 211	234.850	–38.300	3.45818	5.12973	9.7814
8 250	8 261	234.525	–38.625	3.43310	5.09959	9.7812
8 300	8 311	234.200	–38.950	3.40817	5.06958	9.7811
8 350	8 361	233.875	–39.275	3.38338	5.03971	9.7809
8 400	8 411	233.550	–39.600	3.35874	5.00997	9.7807
8 450	8 461	233.225	–39.925	3.33425	4.98036	9.7806
8 500	8 511	232.900	–40.250	3.30990 +2	4.95089 –1	9.7804
8 550	8 562	232.575	–40.575	3.28570	4.92156	9.7803
8 600	8 612	232.250	–40.900	3.26164	4.89236	9.7801
8 650	8 662	231.925	–41.225	3.23772	4.86329	9.7800
8 700	8 712	231.600	–41.550	3.21395	4.83435	9.7798
8 750	8 762	231.275	–41.875	3.19031	4.80554	9.7797
8 800	8 812	230.950	–42.200	3.16682	4.77687	9.7795
8 850	8 862	230.625	–42.525	3.14347	4.74832	9.7794
8 900	8 912	230.300	–42.850	3.12025	4.71991	9.7792
8 950	8 963	229.975	–43.175	3.09718	4.69163	9.7791
9 000	9 013	229.650	–43.500	3.07424 +2	4.66348 –1	9.7789
9 050	9 063	229.325	–43.825	3.05145	4.63545	9.7787
9 100	9 113	229.000	–44.150	3.02879	4.60756	9.7786
9 150	9 163	228.675	–44.475	3.00626	4.57980	9.7784
9 200	9 213	228.350	–44.800	2.98387	4.55216	9.7783
9 250	9 263	228.025	–45.125	2.96162	4.52465	9.7781
9 300	9 314	227.700	–45.450	2.93950	4.49727	9.7780
9 350	9 364	227.375	–45.775	2.91752	4.47001	9.7778
9 400	9 414	227.050	–46.100	2.89566	4.44288	9.7777
9 450	9 464	226.725	–46.425	2.87395	4.41588	9.7775
9 500	9 514	226.400	–46.750	2.85236 +2	4.38900 –1	9.7774
9 550	9 564	226.075	–47.075	2.83090	4.36225	9.7772
9 600	9 615	225.750	–47.400	2.80958	4.33563	9.7771
9 650	9 665	225.425	–47.725	2.78839	4.30912	9.7769
9 700	9 715	225.100	–48.050	2.76732	4.28275	9.7767
9 750	9 765	224.775	–48.375	2.74639	4.25649	9.7766
9 800	9 815	224.450	–48.700	2.72558	4.23036	9.7764
9 850	9 865	224.125	–49.025	2.70490	4.20435	9.7763
9 900	9 915	223.800	–49.350	2.68435	4.17847	9.7761
9 950	9 966	223.475	–49.675	2.66392	4.15270	9.7760

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
10 000	9 984	223.252	–49.898	2.64999 +2	4.13510 –1	9.7759
10 050	10 034	222.928	–50.222	2.62984	4.10962	9.7757
10 100	10 084	222.604	–50.546	2.60981	4.08427	9.7756
10 150	10 134	222.280	–50.870	2.58991	4.05903	9.7754
10 200	10 184	221.956	–51.194	2.57013	4.03391	9.7753
10 250	10 233	221.632	–51.518	2.55048	4.00891	9.7751
10 300	10 283	221.308	–51.842	2.53095	3.98404	9.7749
10 350	10 333	220.984	–52.166	2.51153	3.95928	9.7748
10 400	10 383	220.660	–52.490	2.49225	3.93463	9.7746
10 450	10 433	220.336	–52.814	2.47308	3.91011	9.7745
10 500	10 483	220.013	–53.137	2.45402 +2	3.88570 –1	9.7743
10 550	10 533	219.689	–53.461	2.43510	3.86141	9.7742
10 600	10 582	219.365	–53.785	2.41628	3.83724	9.7740
10 650	10 632	219.041	–54.109	2.39759	3.81319	9.7739
10 700	10 682	218.717	–54.433	2.37901	3.78924	9.7737
10 750	10 732	218.393	–54.757	2.36055	3.76542	9.7736
10 800	10 782	218.069	–55.081	2.34221	3.74171	9.7734
10 850	10 832	217.745	–55.405	2.32398	3.71812	9.7733
10 900	10 881	217.421	–55.729	2.30587	3.69463	9.7731
10 950	10 931	217.097	–56.053	2.28788	3.67127	9.7730
11 000	10 981	216.774	–56.376	2.26999 +2	3.64801 –1	9.7728
11 050	11 031	216.650	–56.500	2.25223	3.62152	9.7726
11 100	11 081	216.650	–56.500	2.23460	3.59318	9.7725
11 150	11 130	216.650	–56.500	2.21711	3.56506	9.7723
11 200	11 180	216.650	–56.500	2.19976	3.53716	9.7722
11 250	11 230	216.650	–56.500	2.18255	3.50948	9.7720
11 300	11 280	216.650	–56.500	2.16547	3.48201	9.7719
11 350	11 330	216.650	–56.500	2.14852	3.45477	9.7717
11 400	11 380	216.650	–56.500	2.13171	3.42773	9.7716
11 450	11 429	216.650	–56.500	2.11502	3.40091	9.7714
11 500	11 479	216.650	–56.500	2.09847 +2	3.37429 –1	9.7713
11 550	11 529	216.650	–56.500	2.08205	3.34789	9.7711
11 600	11 579	216.650	–56.500	2.06576	3.32169	9.7710
11 650	11 629	216.650	–56.500	2.04960	3.29570	9.7708
11 700	11 679	216.650	–56.500	2.03356	3.26991	9.7706
11 750	11 728	216.650	–56.500	2.01765	3.24433	9.7705
11 800	11 778	216.650	–56.500	2.00186	3.21894	9.7703
11 850	11 828	216.650	–56.500	1.98620	3.19375	9.7702
11 900	11 878	216.650	–56.500	1.97066	3.16877	9.7700
11 950	11 928	216.650	–56.500	1.95524	3.14397	9.7699
12 000	11 977	216.650	–56.500	1.93994 +2	3.11937 –1	9.7697
12 050	12 027	216.650	–56.500	1.92476	3.09497	9.7696
12 100	12 077	216.650	–56.500	1.90970	3.07075	9.7694
12 150	12 127	216.650	–56.500	1.89476	3.04673	9.7693
12 200	12 177	216.650	–56.500	1.87994	3.02289	9.7691
12 250	12 226	216.650	–56.500	1.86523	2.99924	9.7690
12 300	12 276	216.650	–56.500	1.85064	2.97578	9.7688
12 350	12 326	216.650	–56.500	1.83616	2.95250	9.7687
12 400	12 376	216.650	–56.500	1.82180	2.92940	9.7685
12 450	12 426	216.650	–56.500	1.80754	2.90649	9.7683
12 500	12 475	216.650	–56.500	1.79340 +2	2.88375 –1	9.7682
12 550	12 525	216.650	–56.500	1.77937	2.86119	9.7680
12 600	12 575	216.650	–56.500	1.76546	2.83881	9.7679
12 650	12 625	216.650	–56.500	1.75165	2.81660	9.7677
12 700	12 675	216.650	–56.500	1.73794	2.79457	9.7676
12 750	12 724	216.650	–56.500	1.72435	2.77271	9.7674
12 800	12 774	216.650	–56.500	1.71086	2.75102	9.7673
12 850	12 824	216.650	–56.500	1.69748	2.72950	9.7671
12 900	12 874	216.650	–56.500	1.68420	2.70815	9.7670
12 950	12 924	216.650	–56.500	1.67103	2.68697	9.7668

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
10 000	10 016	223.150	–50.000	2.64362 +2	4.12706 –1	9.7758
10 050	10 066	222.825	–50.325	2.62345	4.10154	9.7757
10 100	10 116	222.500	–50.650	2.60340	4.07614	9.7755
10 150	10 166	222.175	–50.975	2.58348	4.05086	9.7754
10 200	10 216	221.850	–51.300	2.56368	4.02570	9.7752
10 250	10 267	221.525	–51.625	2.54400	4.00066	9.7750
10 300	10 317	221.200	–51.950	2.52444	3.97575	9.7749
10 350	10 367	220.875	–52.275	2.50501	3.95094	9.7747
10 400	10 417	220.550	–52.600	2.48570	3.92626	9.7746
10 450	10 467	220.225	–52.925	2.46651	3.90170	9.7744
10 500	10 517	219.900	–53.250	2.44743 +2	3.87725 –1	9.7743
10 550	10 568	219.575	–53.575	2.42848	3.85292	9.7741
10 600	10 618	219.250	–53.900	2.40965	3.82871	9.7740
10 650	10 668	218.925	–54.225	2.39094	3.80461	9.7738
10 700	10 718	218.600	–54.550	2.37234	3.78063	9.7737
10 750	10 768	218.275	–54.875	2.35386	3.75677	9.7735
10 800	10 818	217.950	–55.200	2.33550	3.73302	9.7734
10 850	10 869	217.625	–55.525	2.31725	3.70939	9.7732
10 900	10 919	217.300	–55.850	2.29912	3.68587	9.7730
10 950	10 969	216.975	–56.175	2.28110	3.66247	9.7729
11 000	11 019	216.650	–56.500	2.26320 +2	3.63918 –1	9.7727
11 050	11 069	216.650	–56.500	2.24543	3.61059	9.7726
11 100	11 119	216.650	–56.500	2.22779	3.58223	9.7724
11 150	11 170	216.650	–56.500	2.21030	3.55410	9.7723
11 200	11 220	216.650	–56.500	2.19294	3.52619	9.7721
11 250	11 270	216.650	–56.500	2.17571	3.49850	9.7720
11 300	11 320	216.650	–56.500	2.15863	3.47102	9.7718
11 350	11 370	216.650	–56.500	2.14168	3.44376	9.7717
11 400	11 420	216.650	–56.500	2.12486	3.41672	9.7715
11 450	11 471	216.650	–56.500	2.10817	3.38988	9.7714
11 500	11 521	216.650	–56.500	2.09161 +2	3.36326 –1	9.7712
11 550	11 571	216.650	–56.500	2.07519	3.33685	9.7710
11 600	11 621	216.650	–56.500	2.05889	3.31064	9.7709
11 650	11 671	216.650	–56.500	2.04272	3.28464	9.7707
11 700	11 722	216.650	–56.500	2.02668	3.25885	9.7706
11 750	11 772	216.650	–56.500	2.01076	3.23325	9.7704
11 800	11 822	216.650	–56.500	1.99497	3.20786	9.7703
11 850	11 872	216.650	–56.500	1.97930	3.18267	9.7701
11 900	11 922	216.650	–56.500	1.96376	3.15767	9.7700
11 950	11 973	216.650	–56.500	1.94834	3.13288	9.7698
12 000	12 023	216.650	–56.500	1.93303 +2	3.10827 –1	9.7697
12 050	12 073	216.650	–56.500	1.91785	3.08386	9.7695
12 100	12 123	216.650	–56.500	1.90279	3.05964	9.7694
12 150	12 173	216.650	–56.500	1.88785	3.03561	9.7692
12 200	12 223	216.650	–56.500	1.87302	3.01177	9.7690
12 250	12 274	216.650	–56.500	1.85831	2.98812	9.7689
12 300	12 324	216.650	–56.500	1.84372	2.96465	9.7687
12 350	12 374	216.650	–56.500	1.82924	2.94137	9.7686
12 400	12 424	216.650	–56.500	1.81487	2.91827	9.7684
12 450	12 474	216.650	–56.500	1.80062	2.89535	9.7683
12 500	12 525	216.650	–56.500	1.78648 +2	2.87262 –1	9.7681
12 550	12 575	216.650	–56.500	1.77245	2.85006	9.7680
12 600	12 625	216.650	–56.500	1.75853	2.82767	9.7678
12 650	12 675	216.650	–56.500	1.74472	2.80547	9.7677
12 700	12 725	216.650	–56.500	1.73102	2.78343	9.7675
12 750	12 776	216.650	–56.500	1.71742	2.76157	9.7674
12 800	12 826	216.650	–56.500	1.70394	2.73989	9.7672
12 850	12 876	216.650	–56.500	1.69055	2.71837	9.7670
12 900	12 926	216.650	–56.500	1.67728	2.69702	9.7669
12 950	12 976	216.650	–56.500	1.66410	2.67584	9.7667

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
13 000	12 973	216.650	–56.500	1.65796 +2	2.66595 –1	9.7667
13 050	13 023	216.650	–56.500	1.64499	2.64510	9.7665
13 100	13 073	216.650	–56.500	1.63212	2.62442	9.7664
13 150	13 123	216.650	–56.500	1.61936	2.60389	9.7662
13 200	13 173	216.650	–56.500	1.60669	2.58352	9.7660
13 250	13 222	216.650	–56.500	1.59413	2.56332	9.7659
13 300	13 272	216.650	–56.500	1.58166	2.54327	9.7657
13 350	13 322	216.650	–56.500	1.56929	2.52338	9.7656
13 400	13 372	216.650	–56.500	1.55702	2.50365	9.7654
13 450	13 422	216.650	–56.500	1.54484	2.48407	9.7653
13 500	13 471	216.650	–56.500	1.53276 +2	2.46464 –1	9.7651
13 550	13 521	216.650	–56.500	1.52077	2.44537	9.7650
13 600	13 571	216.650	–56.500	1.50888	2.42624	9.7648
13 650	13 621	216.650	–56.500	1.49708	2.40727	9.7647
13 700	13 671	216.650	–56.500	1.48537	2.38845	9.7645
13 750	13 720	216.650	–56.500	1.47376	2.36977	9.7644
13 800	13 770	216.650	–56.500	1.46223	2.35124	9.7642
13 850	13 820	216.650	–56.500	1.45080	2.33285	9.7641
13 900	13 870	216.650	–56.500	1.43946	2.31461	9.7639
13 950	13 919	216.650	–56.500	1.42820	2.29651	9.7637
14 000	13 969	216.650	–56.500	1.41703 +2	2.27855 –1	9.7636
14 050	14 019	216.650	–56.500	1.40595	2.26074	9.7634
14 100	14 069	216.650	–56.500	1.39496	2.24306	9.7633
14 150	14 119	216.650	–56.500	1.38405	2.22552	9.7631
14 200	14 168	216.650	–56.500	1.37323	2.20812	9.7630
14 250	14 218	216.650	–56.500	1.36250	2.19086	9.7628
14 300	14 268	216.650	–56.500	1.35184	2.17373	9.7627
14 350	14 318	216.650	–56.500	1.34127	2.15674	9.7625
14 400	14 367	216.650	–56.500	1.33079	2.13987	9.7624
14 450	14 417	216.650	–56.500	1.32038	2.12314	9.7622
14 500	14 467	216.650	–56.500	1.31006 +2	2.10654 –1	9.7621
14 550	14 517	216.650	–56.500	1.29982	2.09008	9.7619
14 600	14 567	216.650	–56.500	1.28966	2.07374	9.7618
14 650	14 616	216.650	–56.500	1.27958	2.05753	9.7616
14 700	14 666	216.650	–56.500	1.26957	2.04144	9.7615
14 750	14 716	216.650	–56.500	1.25965	2.02548	9.7613
14 800	14 766	216.650	–56.500	1.24980	2.00965	9.7611
14 850	14 815	216.650	–56.500	1.24003	1.99394	9.7610
14 900	14 865	216.650	–56.500	1.23034	1.97835	9.7608
14 950	14 915	216.650	–56.500	1.22072	1.96289	9.7607
15 000	14 965	216.650	–56.500	1.21118 +2	1.94755 –1	9.7605
15 050	15 014	216.650	–56.500	1.20171	1.93232	9.7604
15 100	15 064	216.650	–56.500	1.19232	1.91722	9.7602
15 150	15 114	216.650	–56.500	1.18300	1.90223	9.7601
15 200	15 164	216.650	–56.500	1.17375	1.88736	9.7599
15 250	15 214	216.650	–56.500	1.16458	1.87261	9.7598
15 300	15 263	216.650	–56.500	1.15548	1.85798	9.7596
15 350	15 313	216.650	–56.500	1.14644	1.84345	9.7595
15 400	15 363	216.650	–56.500	1.13748	1.82905	9.7593
15 450	15 413	216.650	–56.500	1.12859	1.81475	9.7592
15 500	15 462	216.650	–56.500	1.11977 +2	1.80057 –1	9.7590
15 550	15 512	216.650	–56.500	1.11102	1.78650	9.7588
15 600	15 562	216.650	–56.500	1.10234	1.77253	9.7587
15 650	15 612	216.650	–56.500	1.09372	1.75868	9.7585
15 700	15 661	216.650	–56.500	1.08518	1.74494	9.7584
15 750	15 711	216.650	–56.500	1.07670	1.73130	9.7582
15 800	15 761	216.650	–56.500	1.06828	1.71777	9.7581
15 850	15 811	216.650	–56.500	1.05993	1.70435	9.7579
15 900	15 860	216.650	–56.500	1.05165	1.69103	9.7578
15 950	15 910	216.650	–56.500	1.04343	1.67782	9.7576

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
13 000	13 027	216.650	–56.500	1.65104 +2	2.65482 –1	9.7666
13 050	13 077	216.650	–56.500	1.63807	2.63398	9.7664
13 100	13 127	216.650	–56.500	1.62520	2.61329	9.7663
13 150	13 177	216.650	–56.500	1.61244	2.59277	9.7661
13 200	13 227	216.650	–56.500	1.59978	2.57240	9.7660
13 250	13 278	216.650	–56.500	1.58721	2.55220	9.7658
13 300	13 328	216.650	–56.500	1.57475	2.53216	9.7657
13 350	13 378	216.650	–56.500	1.56238	2.51227	9.7655
13 400	13 428	216.650	–56.500	1.55011	2.49254	9.7653
13 450	13 479	216.650	–56.500	1.53794	2.47297	9.7652
13 500	13 529	216.650	–56.500	1.52586 +2	2.45355 –1	9.7650
13 550	13 579	216.650	–56.500	1.51388	2.43428	9.7649
13 600	13 629	216.650	–56.500	1.50199	2.41516	9.7647
13 650	13 679	216.650	–56.500	1.49019	2.39619	9.7646
13 700	13 730	216.650	–56.500	1.47849	2.37737	9.7644
13 750	13 780	216.650	–56.500	1.46688	2.35870	9.7643
13 800	13 830	216.650	–56.500	1.45536	2.34018	9.7641
13 850	13 880	216.650	–56.500	1.44393	2.32180	9.7640
13 900	13 930	216.650	–56.500	1.43259	2.30357	9.7638
13 950	13 981	216.650	–56.500	1.42134	2.28548	9.7637
14 000	14 031	216.650	–56.500	1.41018 +2	2.26753 –1	9.7635
14 050	14 081	216.650	–56.500	1.39910	2.24972	9.7633
14 100	14 131	216.650	–56.500	1.38811	2.23205	9.7632
14 150	14 182	216.650	–56.500	1.37721	2.21452	9.7630
14 200	14 232	216.650	–56.500	1.36640	2.19713	9.7629
14 250	14 282	216.650	–56.500	1.35567	2.17988	9.7627
14 300	14 332	216.650	–56.500	1.34502	2.16276	9.7626
14 350	14 382	216.650	–56.500	1.33446	2.14577	9.7624
14 400	14 433	216.650	–56.500	1.32398	2.12892	9.7623
14 450	14 483	216.650	–56.500	1.31358	2.11220	9.7621
14 500	14 533	216.650	–56.500	1.30326 +2	2.09561 –1	9.7620
14 550	14 583	216.650	–56.500	1.29303	2.07915	9.7618
14 600	14 634	216.650	–56.500	1.28287	2.06283	9.7617
14 650	14 684	216.650	–56.500	1.27280	2.04662	9.7615
14 700	14 734	216.650	–56.500	1.26280	2.03055	9.7613
14 750	14 784	216.650	–56.500	1.25288	2.01461	9.7612
14 800	14 835	216.650	–56.500	1.24304	1.99878	9.7610
14 850	14 885	216.650	–56.500	1.23328	1.98309	9.7609
14 900	14 935	216.650	–56.500	1.22360	1.96751	9.7607
14 950	14 985	216.650	–56.500	1.21399	1.95206	9.7606
15 000	15 035	216.650	–56.500	1.20445 +2	1.93673 –1	9.7604
15 050	15 086	216.650	–56.500	1.19499	1.92152	9.7603
15 100	15 136	216.650	–56.500	1.18561	1.90643	9.7601
15 150	15 186	216.650	–56.500	1.17630	1.89146	9.7600
15 200	15 236	216.650	–56.500	1.16706	1.87660	9.7598
15 250	15 287	216.650	–56.500	1.15789	1.86187	9.7597
15 300	15 337	216.650	–56.500	1.14880	1.84724	9.7595
15 350	15 387	216.650	–56.500	1.13978	1.83274	9.7593
15 400	15 437	216.650	–56.500	1.13083	1.81834	9.7592
15 450	15 488	216.650	–56.500	1.12195	1.80406	9.7590
15 500	15 538	216.650	–56.500	1.11314 +2	1.78990 –1	9.7589
15 550	15 588	216.650	–56.500	1.10439	1.77584	9.7587
15 600	15 638	216.650	–56.500	1.09572	1.76189	9.7586
15 650	15 689	216.650	–56.500	1.08711	1.74805	9.7584
15 700	15 739	216.650	–56.500	1.07858	1.73433	9.7583
15 750	15 789	216.650	–56.500	1.07011	1.72071	9.7581
15 800	15 839	216.650	–56.500	1.06170	1.70719	9.7580
15 850	15 890	216.650	–56.500	1.05336	1.69379	9.7578
15 900	15 940	216.650	–56.500	1.04509	1.68048	9.7577
15 950	15 990	216.650	–56.500	1.03689	1.66729	9.7575

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
16 000	15 960	216.650	–56.500	1.03528 +2	1.66470 –1	9.7575
16 050	16 010	216.650	–56.500	1.02719	1.65170	9.7573
16 100	16 059	216.650	–56.500	1.01916	1.63879	9.7572
16 150	16 109	216.650	–56.500	1.01120	1.62598	9.7570
16 200	16 159	216.650	–56.500	1.00330	1.61328	9.7569
16 250	16 209	216.650	–56.500	9.95459 +1	1.60067	9.7567
16 300	16 258	216.650	–56.500	9.87681	1.58817	9.7566
16 350	16 308	216.650	–56.500	9.79964	1.57576	9.7564
16 400	16 358	216.650	–56.500	9.72307	1.56345	9.7562
16 450	16 408	216.650	–56.500	9.64711	1.55123	9.7561
16 500	16 457	216.650	–56.500	9.57173 +1	1.53911 –1	9.7559
16 550	16 507	216.650	–56.500	9.49695	1.52709	9.7558
16 600	16 557	216.650	–56.500	9.42275	1.51515	9.7556
16 650	16 607	216.650	–56.500	9.34913	1.50332	9.7555
16 700	16 656	216.650	–56.500	9.27609	1.49157	9.7553
16 750	16 706	216.650	–56.500	9.20362	1.47992	9.7552
16 800	16 756	216.650	–56.500	9.13172	1.46836	9.7550
16 850	16 805	216.650	–56.500	9.06039	1.45689	9.7549
16 900	16 855	216.650	–56.500	8.98960	1.44551	9.7547
16 950	16 905	216.650	–56.500	8.91938	1.43421	9.7546
17 000	16 955	216.650	–56.500	8.84970 +1	1.42301 –1	9.7544
17 050	17 004	216.650	–56.500	8.78057	1.41189	9.7543
17 100	17 054	216.650	–56.500	8.71198	1.40086	9.7541
17 150	17 104	216.650	–56.500	8.64393	1.38992	9.7539
17 200	17 154	216.650	–56.500	8.57641	1.37907	9.7538
17 250	17 203	216.650	–56.500	8.50942	1.36829	9.7536
17 300	17 253	216.650	–56.500	8.44295	1.35761	9.7535
17 350	17 303	216.650	–56.500	8.37700	1.34700	9.7533
17 400	17 353	216.650	–56.500	8.31157	1.33648	9.7532
17 450	17 402	216.650	–56.500	8.24665	1.32604	9.7530
17 500	17 452	216.650	–56.500	8.18224 +1	1.31568 –1	9.7529
17 550	17 502	216.650	–56.500	8.11833	1.30541	9.7527
17 600	17 551	216.650	–56.500	8.05492	1.29521	9.7526
17 650	17 601	216.650	–56.500	7.99201	1.28509	9.7524
17 700	17 651	216.650	–56.500	7.92959	1.27506	9.7523
17 750	17 701	216.650	–56.500	7.86766	1.26510	9.7521
17 800	17 750	216.650	–56.500	7.80622	1.25522	9.7520
17 850	17 800	216.650	–56.500	7.74525	1.24542	9.7518
17 900	17 850	216.650	–56.500	7.68477	1.23569	9.7517
17 950	17 899	216.650	–56.500	7.62475	1.22604	9.7515
18 000	17 949	216.650	–56.500	7.56521 +1	1.21647 –1	9.7513
18 050	17 999	216.650	–56.500	7.50613	1.20697	9.7512
18 100	18 049	216.650	–56.500	7.44751	1.19754	9.7510
18 150	18 098	216.650	–56.500	7.38936	1.18819	9.7509
18 200	18 148	216.650	–56.500	7.33165	1.17891	9.7507
18 250	18 198	216.650	–56.500	7.27440	1.16971	9.7506
18 300	18 247	216.650	–56.500	7.21760	1.16057	9.7504
18 350	18 297	216.650	–56.500	7.16124	1.15151	9.7503
18 400	18 347	216.650	–56.500	7.10532	1.14252	9.7501
18 450	18 397	216.650	–56.500	7.04984	1.13360	9.7500
18 500	18 446	216.650	–56.500	6.99480 +1	1.12475 –1	9.7498
18 550	18 496	216.650	–56.500	6.94018	1.11596	9.7497
18 600	18 546	216.650	–56.500	6.88599	1.10725	9.7495
18 650	18 595	216.650	–56.500	6.83223	1.09861	9.7494
18 700	18 645	216.650	–56.500	6.77888	1.09003	9.7492
18 750	18 695	216.650	–56.500	6.72596	1.08152	9.7491
18 800	18 745	216.650	–56.500	6.67345	1.07307	9.7489
18 850	18 794	216.650	–56.500	6.62134	1.06470	9.7487
18 900	18 844	216.650	–56.500	6.56965	1.05638	9.7486
18 950	18 894	216.650	–56.500	6.51836	1.04814	9.7484

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
16 000	16 040	216.650	–56.500	1.02874 +2	1.65419 –1	9.7573
16 050	16 091	216.650	–56.500	1.02066	1.64120	9.7572
16 100	16 141	216.650	–56.500	1.01265	1.62831	9.7570
16 150	16 191	216.650	–56.500	1.00469	1.61552	9.7569
16 200	16 241	216.650	–56.500	9.96805 +1	1.60284	9.7567
16 250	16 292	216.650	–56.500	9.88976	1.59025	9.7566
16 300	16 342	216.650	–56.500	9.81209	1.57776	9.7564
16 350	16 392	216.650	–56.500	9.73503	1.56537	9.7563
16 400	16 442	216.650	–56.500	9.65858	1.55308	9.7561
16 450	16 493	216.650	–56.500	9.58273	1.54088	9.7560
16 500	16 543	216.650	–56.500	9.50747 +1	1.52878 –1	9.7558
16 550	16 593	216.650	–56.500	9.43281	1.51677	9.7557
16 600	16 643	216.650	–56.500	9.35873	1.50486	9.7555
16 650	16 694	216.650	–56.500	9.28523	1.49304	9.7553
16 700	16 744	216.650	–56.500	9.21231	1.48132	9.7552
16 750	16 794	216.650	–56.500	9.13996	1.46968	9.7550
16 800	16 845	216.650	–56.500	9.06818	1.45814	9.7549
16 850	16 895	216.650	–56.500	8.99696	1.44669	9.7547
16 900	16 945	216.650	–56.500	8.92631	1.43533	9.7546
16 950	16 995	216.650	–56.500	8.85620	1.42405	9.7544
17 000	17 046	216.650	–56.500	8.78665 +1	1.41287 –1	9.7543
17 050	17 096	216.650	–56.500	8.71765	1.40178	9.7541
17 100	17 146	216.650	–56.500	8.64918	1.39077	9.7540
17 150	17 196	216.650	–56.500	8.58126	1.37985	9.7538
17 200	17 247	216.650	–56.500	8.51387	1.36901	9.7537
17 250	17 297	216.650	–56.500	8.44700	1.35826	9.7535
17 300	17 347	216.650	–56.500	8.38067	1.34759	9.7533
17 350	17 397	216.650	–56.500	8.31485	1.33701	9.7532
17 400	17 448	216.650	–56.500	8.24955	1.32651	9.7530
17 450	17 498	216.650	–56.500	8.18476	1.31609	9.7529
17 500	17 548	216.650	–56.500	8.12048 +1	1.30575 –1	9.7527
17 550	17 599	216.650	–56.500	8.05671	1.29550	9.7526
17 600	17 649	216.650	–56.500	7.99344	1.28532	9.7524
17 650	17 699	216.650	–56.500	7.93066	1.27523	9.7523
17 700	17 749	216.650	–56.500	7.86838	1.26522	9.7521
17 750	17 800	216.650	–56.500	7.80658	1.25528	9.7520
17 800	17 850	216.650	–56.500	7.74527	1.24542	9.7518
17 850	17 900	216.650	–56.500	7.68445	1.23564	9.7517
17 900	17 951	216.650	–56.500	7.62410	1.22594	9.7515
17 950	18 001	216.650	–56.500	7.56422	1.21631	9.7513
18 000	18 051	216.650	–56.500	7.50482 +1	1.20676 –1	9.7512
18 050	18 101	216.650	–56.500	7.44588	1.19728	9.7510
18 100	18 152	216.650	–56.500	7.38740	1.18788	9.7509
18 150	18 202	216.650	–56.500	7.32939	1.17855	9.7507
18 200	18 252	216.650	–56.500	7.27183	1.16929	9.7506
18 250	18 303	216.650	–56.500	7.21472	1.16011	9.7504
18 300	18 353	216.650	–56.500	7.15806	1.15100	9.7503
18 350	18 403	216.650	–56.500	7.10184	1.14196	9.7501
18 400	18 453	216.650	–56.500	7.04607	1.13299	9.7500
18 450	18 504	216.650	–56.500	6.99073	1.12409	9.7498
18 500	18 554	216.650	–56.500	6.93583 +1	1.11526 –1	9.7497
18 550	18 604	216.650	–56.500	6.88136	1.10651	9.7495
18 600	18 655	216.650	–56.500	6.82732	1.09782	9.7493
18 650	18 705	216.650	–56.500	6.77370	1.08919	9.7492
18 700	18 755	216.650	–56.500	6.72051	1.08064	9.7490
18 750	18 805	216.650	–56.500	6.66773	1.07215	9.7489
18 800	18 856	216.650	–56.500	6.61536	1.06373	9.7487
18 850	18 906	216.650	–56.500	6.56341	1.05538	9.7486
18 900	18 956	216.650	–56.500	6.51186	1.04709	9.7484
18 950	19 007	216.650	–56.500	6.46072	1.03887	9.7483

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
19 000	18 943	216.650	–56.500	6.46747 +1	1.03995 –1	9.7483
19 050	18 993	216.650	–56.500	6.41698	1.03183	9.7481
19 100	19 043	216.650	–56.500	6.36689	1.02378	9.7480
19 150	19 092	216.650	–56.500	6.31718	1.01579	9.7478
19 200	19 142	216.650	–56.500	6.26787	1.00786	9.7477
19 250	19 192	216.650	–56.500	6.21894	9.99990 –2	9.7475
19 300	19 242	216.650	–56.500	6.17039	9.92184	9.7474
19 350	19 291	216.650	–56.500	6.12223	9.84439	9.7472
19 400	19 341	216.650	–56.500	6.07444	9.76754	9.7471
19 450	19 391	216.650	–56.500	6.02702	9.69130	9.7469
19 500	19 440	216.650	–56.500	5.97997 +1	9.61565 –2	9.7468
19 550	19 490	216.650	–56.500	5.93330	9.54060	9.7466
19 600	19 540	216.650	–56.500	5.88699	9.46613	9.7465
19 650	19 589	216.650	–56.500	5.84104	9.39224	9.7463
19 700	19 639	216.650	–56.500	5.79544	9.31893	9.7461
19 750	19 689	216.650	–56.500	5.75021	9.24620	9.7460
19 800	19 739	216.650	–56.500	5.70533	9.17403	9.7458
19 850	19 788	216.650	–56.500	5.66080	9.10243	9.7457
19 900	19 838	216.650	–56.500	5.61662	9.03139	9.7455
19 950	19 888	216.650	–56.500	5.57279	8.96090	9.7454
20 000	19 937	216.650	–56.500	5.52929 +1	8.89097 –2	9.7452
20 050	19 987	216.650	–56.500	5.48614	8.82158	9.7451
20 100	20 037	216.687	–56.463	5.44333	8.75125	9.7449
20 150	20 086	216.736	–56.414	5.40086	8.68098	9.7448
20 200	20 136	216.786	–56.364	5.35873	8.61130	9.7446
20 250	20 186	216.836	–56.314	5.31694	8.54219	9.7445
20 300	20 235	216.885	–56.265	5.27549	8.47365	9.7443
20 350	20 285	216.935	–56.215	5.23437	8.40568	9.7442
20 400	20 335	216.985	–56.165	5.19358	8.33827	9.7440
20 450	20 384	217.034	–56.116	5.15312	8.27142	9.7439
20 500	20 434	217.084	–56.066	5.11298 +1	8.20511 –2	9.7437
20 550	20 484	217.134	–56.016	5.07317	8.13936	9.7436
20 600	20 533	217.183	–55.967	5.03368	8.07415	9.7434
20 650	20 583	217.233	–55.917	4.99450	8.00948	9.7432
20 700	20 633	217.283	–55.867	4.95564	7.94534	9.7431
20 750	20 682	217.332	–55.818	4.91709	7.88173	9.7429
20 800	20 732	217.382	–55.768	4.87885	7.81864	9.7428
20 850	20 782	217.432	–55.718	4.84091	7.75608	9.7426
20 900	20 832	217.482	–55.668	4.80328	7.69403	9.7425
20 950	20 881	217.531	–55.619	4.76595	7.63249	9.7423
21 000	20 931	217.581	–55.569	4.72892 +1	7.57146 –2	9.7422
21 050	20 981	217.631	–55.519	4.69219	7.51093	9.7420
21 100	21 030	217.680	–55.470	4.65575	7.45090	9.7419
21 150	21 080	217.730	–55.420	4.61960	7.39137	9.7417
21 200	21 130	217.780	–55.370	4.58375	7.33232	9.7416
21 250	21 179	217.829	–55.321	4.54817	7.27376	9.7414
21 300	21 229	217.879	–55.271	4.51289	7.21568	9.7413
21 350	21 279	217.929	–55.221	4.47788	7.15809	9.7411
21 400	21 328	217.978	–55.172	4.44316	7.10096	9.7410
21 450	21 378	218.028	–55.122	4.40871	7.04430	9.7408
21 500	21 428	218.078	–55.072	4.37454 +1	6.98811 –2	9.7406
21 550	21 477	218.127	–55.023	4.34065	6.93238	9.7405
21 600	21 527	218.177	–54.973	4.30702	6.87711	9.7403
21 650	21 577	218.227	–54.923	4.27366	6.82229	9.7402
21 700	21 626	218.276	–54.874	4.24056	6.76792	9.7400
21 750	21 676	218.326	–54.824	4.20774	6.71400	9.7399
21 800	21 725	218.375	–54.775	4.17517	6.66052	9.7397
21 850	21 775	218.425	–54.725	4.14286	6.60748	9.7396
21 900	21 825	218.475	–54.675	4.11082	6.55488	9.7394
21 950	21 874	218.524	–54.626	4.07902	6.50271	9.7393

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
19 000	19 057	216.650	–56.500	6.40998 +1	1.03071 –1	9.7481
19 050	19 107	216.650	–56.500	6.35964	1.02261	9.7480
19 100	19 158	216.650	–56.500	6.30970	1.01458	9.7478
19 150	19 208	216.650	–56.500	6.26015	1.00662	9.7477
19 200	19 258	216.650	–56.500	6.21098	9.98711 –2	9.7475
19 250	19 308	216.650	–56.500	6.16221	9.90867	9.7473
19 300	19 359	216.650	–56.500	6.11381	9.83086	9.7472
19 350	19 409	216.650	–56.500	6.06580	9.75365	9.7470
19 400	19 459	216.650	–56.500	6.01816	9.67705	9.7469
19 450	19 510	216.650	–56.500	5.97090	9.60105	9.7467
19 500	19 560	216.650	–56.500	5.92400 +1	9.52565 –2	9.7466
19 550	19 610	216.650	–56.500	5.87748	9.45084	9.7464
19 600	19 661	216.650	–56.500	5.83132	9.37662	9.7463
19 650	19 711	216.650	–56.500	5.78553	9.30298	9.7461
19 700	19 761	216.650	–56.500	5.74009	9.22992	9.7460
19 750	19 812	216.650	–56.500	5.69501	9.15744	9.7458
19 800	19 862	216.650	–56.500	5.65029	9.08552	9.7457
19 850	19 912	216.650	–56.500	5.60591	9.01417	9.7455
19 900	19 962	216.650	–56.500	5.56189	8.94337	9.7453
19 950	20 013	216.650	–56.500	5.51821	8.87314	9.7452
20 000	20 063	216.650	–56.500	5.47487 +1	8.80345 –2	9.7450
20 050	20 113	216.700	–56.450	5.43187	8.73230	9.7449
20 100	20 164	216.750	–56.400	5.38923	8.66175	9.7447
20 150	20 214	216.800	–56.350	5.34693	8.59179	9.7446
20 200	20 264	216.850	–56.300	5.30497	8.52240	9.7444
20 250	20 315	216.900	–56.250	5.26335	8.45359	9.7443
20 300	20 365	216.950	–56.200	5.22207	8.38535	9.7441
20 350	20 415	217.000	–56.150	5.18112	8.31768	9.7440
20 400	20 466	217.050	–56.100	5.14050	8.25057	9.7438
20 450	20 516	217.100	–56.050	5.10021	8.18401	9.7437
20 500	20 566	217.150	–56.000	5.06024 +1	8.11801 –2	9.7435
20 550	20 617	217.200	–55.950	5.02060	8.05256	9.7433
20 600	20 667	217.250	–55.900	4.98127	7.98764	9.7432
20 650	20 717	217.300	–55.850	4.94226	7.92327	9.7430
20 700	20 768	217.350	–55.800	4.90357	7.85943	9.7429
20 750	20 818	217.400	–55.750	4.86519	7.79611	9.7427
20 800	20 868	217.450	–55.700	4.82712	7.73333	9.7426
20 850	20 919	217.500	–55.650	4.78935	7.67106	9.7424
20 900	20 969	217.550	–55.600	4.75189	7.60931	9.7423
20 950	21 019	217.600	–55.550	4.71473	7.54807	9.7421
21 000	21 070	217.650	–55.500	4.67787 +1	7.48733 –2	9.7420
21 050	21 120	217.700	–55.450	4.64130	7.42710	9.7418
21 100	21 170	217.750	–55.400	4.60503	7.36737	9.7417
21 150	21 221	217.800	–55.350	4.56905	7.30813	9.7415
21 200	21 271	217.850	–55.300	4.53336	7.24938	9.7413
21 250	21 321	217.900	–55.250	4.49796	7.19112	9.7412
21 300	21 372	217.950	–55.200	4.46284	7.13333	9.7410
21 350	21 422	218.000	–55.150	4.42800	7.07603	9.7409
21 400	21 472	218.050	–55.100	4.39345	7.01920	9.7407
21 450	21 523	218.100	–55.050	4.35917	6.96284	9.7406
21 500	21 573	218.150	–55.000	4.32517 +1	6.90694 –2	9.7404
21 550	21 623	218.200	–54.950	4.29143	6.85150	9.7403
21 600	21 674	218.250	–54.900	4.25797	6.79652	9.7401
21 650	21 724	218.300	–54.850	4.22478	6.74200	9.7400
21 700	21 774	218.350	–54.800	4.19186	6.68792	9.7398
21 750	21 825	218.400	–54.750	4.15919	6.63429	9.7397
21 800	21 875	218.450	–54.700	4.12680	6.58111	9.7395
21 850	21 925	218.500	–54.650	4.09466	6.52836	9.7393
21 900	21 976	218.550	–54.600	4.06277	6.47605	9.7392
21 950	22 026	218.600	–54.550	4.03115	6.42416	9.7390

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
22 000	21 924	218.574	–54.576	4.04748 +1	6.45096 –2	9.7391
22 050	21 974	218.624	–54.526	4.01620	6.39964	9.7390
22 100	22 023	218.673	–54.477	3.98516	6.34874	9.7388
22 150	22 073	218.723	–54.427	3.95437	6.29825	9.7387
22 200	22 123	218.773	–54.377	3.92382	6.24819	9.7385
22 250	22 172	218.822	–54.328	3.89352	6.19853	9.7384
22 300	22 222	218.872	–54.278	3.86346	6.14927	9.7382
22 350	22 272	218.922	–54.228	3.83363	6.10042	9.7381
22 400	22 321	218.971	–54.179	3.80405	6.05197	9.7379
22 450	22 371	219.021	–54.129	3.77470	6.00392	9.7377
22 500	22 421	219.071	–54.079	3.74558 +1	5.95626 –2	9.7376
22 550	22 470	219.120	–54.030	3.71670	5.90898	9.7374
22 600	22 520	219.170	–53.980	3.68804	5.86210	9.7373
22 650	22 570	219.220	–53.930	3.65962	5.81560	9.7371
22 700	22 619	219.269	–53.881	3.63142	5.76948	9.7370
22 750	22 669	219.319	–53.831	3.60344	5.72373	9.7368
22 800	22 719	219.369	–53.781	3.57569	5.67836	9.7367
22 850	22 768	219.418	–53.732	3.54815	5.63336	9.7365
22 900	22 818	219.468	–53.682	3.52083	5.58873	9.7364
22 950	22 867	219.517	–53.633	3.49373	5.54446	9.7362
23 000	22 917	219.567	–53.583	3.46685 +1	5.50055 –2	9.7361
23 050	22 967	219.617	–53.533	3.44018	5.45700	9.7359
23 100	23 016	219.666	–53.484	3.41372	5.41381	9.7358
23 150	23 066	219.716	–53.434	3.38747	5.37096	9.7356
23 200	23 116	219.766	–53.384	3.36143	5.32847	9.7355
23 250	23 165	219.815	–53.335	3.33560	5.28633	9.7353
23 300	23 215	219.865	–53.285	3.30997	5.24452	9.7352
23 350	23 265	219.915	–53.235	3.28454	5.20306	9.7350
23 400	23 314	219.964	–53.186	3.25932	5.16194	9.7348
23 450	23 364	220.014	–53.136	3.23429	5.12114	9.7347
23 500	23 413	220.063	–53.087	3.20946 +1	5.08069 –2	9.7345
23 550	23 463	220.113	–53.037	3.18483	5.04056	9.7344
23 600	23 513	220.163	–52.987	3.16040	5.00076	9.7342
23 650	23 562	220.212	–52.938	3.13615	4.96128	9.7341
23 700	23 612	220.262	–52.888	3.11210	4.92212	9.7339
23 750	23 662	220.312	–52.838	3.08824	4.88328	9.7338
23 800	23 711	220.361	–52.789	3.06457	4.84476	9.7336
23 850	23 761	220.411	–52.739	3.04108	4.80655	9.7335
23 900	23 810	220.460	–52.690	3.01778	4.76865	9.7333
23 950	23 860	220.510	–52.640	2.99467	4.73106	9.7332
24 000	23 910	220.560	–52.590	2.97174 +1	4.69377 –2	9.7330
24 050	23 959	220.609	–52.541	2.94898	4.65679	9.7329
24 100	24 009	220.659	–52.491	2.92641	4.62010	9.7327
24 150	24 059	220.709	–52.441	2.90402	4.58372	9.7326
24 200	24 108	220.758	–52.392	2.88180	4.54762	9.7324
24 250	24 158	220.808	–52.342	2.85976	4.51183	9.7323
24 300	24 207	220.857	–52.293	2.83789	4.47632	9.7321
24 350	24 257	220.907	–52.243	2.81619	4.44110	9.7319
24 400	24 307	220.957	–52.193	2.79467	4.40617	9.7318
24 450	24 356	221.006	–52.144	2.77331	4.37151	9.7316
24 500	24 406	221.056	–52.094	2.75212 +1	4.33714 –2	9.7315
24 550	24 456	221.106	–52.044	2.73110	4.30305	9.7313
24 600	24 505	221.155	–51.995	2.71025	4.26924	9.7312
24 650	24 555	221.205	–51.945	2.68956	4.23569	9.7310
24 700	24 604	221.254	–51.896	2.66903	4.20242	9.7309
24 750	24 654	221.304	–51.846	2.64866	4.16942	9.7307
24 800	24 704	221.354	–51.796	2.62846	4.13669	9.7306
24 850	24 753	221.403	–51.747	2.60841	4.10422	9.7304
24 900	24 803	221.453	–51.697	2.58852	4.07201	9.7303
24 950	24 852	221.502	–51.648	2.56879	4.04006	9.7301

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
22 000	22 076	218.650	–54.500	3.99977 +1	6.37271 –2	9.7389
22 050	22 127	218.700	–54.450	3.96865	6.32168	9.7387
22 100	22 177	218.750	–54.400	3.93778	6.27106	9.7386
22 150	22 227	218.800	–54.350	3.90715	6.22087	9.7384
22 200	22 278	218.850	–54.300	3.87677	6.17109	9.7383
22 250	22 328	218.900	–54.250	3.84663	6.12172	9.7381
22 300	22 379	218.950	–54.200	3.81674	6.07275	9.7380
22 350	22 429	219.000	–54.150	3.78708	6.02419	9.7378
22 400	22 479	219.050	–54.100	3.75766	5.97602	9.7377
22 450	22 530	219.100	–54.050	3.72848	5.92826	9.7375
22 500	22 580	219.150	–54.000	3.69952 +1	5.88088 –2	9.7374
22 550	22 630	219.200	–53.950	3.67080	5.83389	9.7372
22 600	22 681	219.250	–53.900	3.64231	5.78729	9.7370
22 650	22 731	219.300	–53.850	3.61405	5.74108	9.7369
22 700	22 781	219.350	–53.800	3.58601	5.69524	9.7367
22 750	22 832	219.400	–53.750	3.55820	5.64977	9.7366
22 800	22 882	219.450	–53.700	3.53060	5.60469	9.7364
22 850	22 932	219.500	–53.650	3.50323	5.55997	9.7363
22 900	22 983	219.550	–53.600	3.47608	5.51562	9.7361
22 950	23 033	219.600	–53.550	3.44914	5.47163	9.7360
23 000	23 084	219.650	–53.500	3.42242 +1	5.42800 –2	9.7358
23 050	23 134	219.700	–53.450	3.39591	5.38473	9.7357
23 100	23 184	219.750	–53.400	3.36961	5.34182	9.7355
23 150	23 235	219.800	–53.350	3.34353	5.29926	9.7354
23 200	23 285	219.850	–53.300	3.31764	5.25704	9.7352
23 250	23 335	219.900	–53.250	3.29197	5.21517	9.7350
23 300	23 386	219.950	–53.200	3.26650	5.17365	9.7349
23 350	23 436	220.000	–53.150	3.24123	5.13246	9.7347
23 400	23 486	220.050	–53.100	3.21617	5.09161	9.7346
23 450	23 537	220.100	–53.050	3.19130	5.05110	9.7344
23 500	23 587	220.150	–53.000	3.16663 +1	5.01092 –2	9.7343
23 550	23 638	220.200	–52.950	3.14216	4.97106	9.7341
23 600	23 688	220.250	–52.900	3.11788	4.93153	9.7340
23 650	23 738	220.300	–52.850	3.09380	4.89233	9.7338
23 700	23 789	220.350	–52.800	3.06990	4.85344	9.7337
23 750	23 839	220.400	–52.750	3.04620	4.81488	9.7335
23 800	23 889	220.450	–52.700	3.02269	4.77662	9.7334
23 850	23 940	220.500	–52.650	2.99936	4.73868	9.7332
23 900	23 990	220.550	–52.600	2.97622	4.70106	9.7330
23 950	24 041	220.600	–52.550	2.95326	4.66373	9.7329
24 000	24 091	220.650	–52.500	2.93048 +1	4.62672 –2	9.7327
24 050	24 141	220.700	–52.450	2.90788	4.59000	9.7326
24 100	24 192	220.750	–52.400	2.88547	4.55358	9.7324
24 150	24 242	220.800	–52.350	2.86323	4.51747	9.7323
24 200	24 292	220.850	–52.300	2.84117	4.48164	9.7321
24 250	24 343	220.900	–52.250	2.81928	4.44611	9.7320
24 300	24 393	220.950	–52.200	2.79756	4.41087	9.7318
24 350	24 444	221.000	–52.150	2.77602	4.37591	9.7317
24 400	24 494	221.050	–52.100	2.75465	4.34124	9.7315
24 450	24 544	221.100	–52.050	2.73345	4.30685	9.7314
24 500	24 595	221.150	–52.000	2.71241 +1	4.27275 –2	9.7312
24 550	24 645	221.200	–51.950	2.69155	4.23892	9.7310
24 600	24 696	221.250	–51.900	2.67084	4.20536	9.7309
24 650	24 746	221.300	–51.850	2.65030	4.17208	9.7307
24 700	24 796	221.350	–51.800	2.62993	4.13907	9.7306
24 750	24 847	221.400	–51.750	2.60971	4.10632	9.7304
24 800	24 897	221.450	–51.700	2.58966	4.07385	9.7303
24 850	24 948	221.500	–51.650	2.56976	4.04163	9.7301
24 900	24 998	221.550	–51.600	2.55002	4.00969	9.7300
24 950	25 048	221.600	–51.550	2.53044	3.97800	9.7298

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
25 000	24 902	221.552	–51.598	2.54921 +1	4.00837 –2	9.7300
25 050	24 952	221.602	–51.548	2.52979	3.97694	9.7298
25 100	25 001	221.651	–51.499	2.51052	3.94576	9.7297
25 150	25 051	221.701	–51.449	2.49140	3.91483	9.7295
25 200	25 100	221.750	–51.400	2.47243	3.88416	9.7294
25 250	25 150	221.800	–51.350	2.45361	3.85373	9.7292
25 300	25 200	221.850	–51.300	2.43493	3.82355	9.7291
25 350	25 249	221.899	–51.251	2.41641	3.79360	9.7289
25 400	25 299	221.949	–51.201	2.39802	3.76390	9.7287
25 450	25 349	221.999	–51.151	2.37979	3.73445	9.7286
25 500	25 398	222.048	–51.102	2.36169 +1	3.70522 –2	9.7284
25 550	25 448	222.098	–51.052	2.34374	3.67624	9.7283
25 600	25 497	222.147	–51.003	2.32593	3.64748	9.7281
25 650	25 547	222.197	–50.953	2.30826	3.61896	9.7280
25 700	25 597	222.247	–50.903	2.29072	3.59067	9.7278
25 750	25 646	222.296	–50.854	2.27333	3.56261	9.7277
25 800	25 696	222.346	–50.804	2.25607	3.53477	9.7275
25 850	25 745	222.395	–50.755	2.23894	3.50716	9.7274
25 900	25 795	222.445	–50.705	2.22195	3.47977	9.7272
25 950	25 844	222.494	–50.656	2.20509	3.45260	9.7271
26 000	25 894	222.544	–50.606	2.18837 +1	3.42565 –2	9.7269
26 050	25 944	222.594	–50.556	2.17177	3.39891	9.7268
26 100	25 993	222.643	–50.507	2.15531	3.37239	9.7266
26 150	26 043	222.693	–50.457	2.13897	3.34608	9.7265
26 200	26 092	222.742	–50.408	2.12276	3.31998	9.7263
26 250	26 142	222.792	–50.358	2.10668	3.29410	9.7262
26 300	26 192	222.842	–50.308	2.09072	3.26842	9.7260
26 350	26 241	222.891	–50.259	2.07489	3.24295	9.7259
26 400	26 291	222.941	–50.209	2.05918	3.21768	9.7257
26 450	26 340	222.990	–50.160	2.04360	3.19262	9.7255
26 500	26 390	223.040	–50.110	2.02813 +1	3.16775 –2	9.7254
26 550	26 440	223.090	–50.060	2.01279	3.14309	9.7252
26 600	26 489	223.139	–50.011	1.99756	3.11862	9.7251
26 650	26 539	223.189	–49.961	1.98246	3.09435	9.7249
26 700	26 588	223.238	–49.912	1.96747	3.07028	9.7248
26 750	26 638	223.288	–49.862	1.95260	3.04639	9.7246
26 800	26 687	223.337	–49.813	1.93785	3.02270	9.7245
26 850	26 737	223.387	–49.763	1.92320	2.99920	9.7243
26 900	26 787	223.437	–49.713	1.90868	2.97589	9.7242
26 950	26 836	223.486	–49.664	1.89427	2.95276	9.7240
27 000	26 886	223.536	–49.614	1.87997 +1	2.92982 –2	9.7239
27 050	26 935	223.585	–49.565	1.86578	2.90706	9.7237
27 100	26 985	223.635	–49.515	1.85170	2.88449	9.7236
27 150	27 035	223.685	–49.465	1.83773	2.86209	9.7234
27 200	27 084	223.734	–49.416	1.82387	2.83988	9.7233
27 250	27 134	223.784	–49.366	1.81012	2.81784	9.7231
27 300	27 183	223.833	–49.317	1.79647	2.79598	9.7230
27 350	27 233	223.883	–49.267	1.78293	2.77429	9.7228
27 400	27 282	223.932	–49.218	1.76950	2.75278	9.7227
27 450	27 332	223.982	–49.168	1.75617	2.73143	9.7225
27 500	27 382	224.032	–49.118	1.74294 +1	2.71026 –2	9.7223
27 550	27 431	224.081	–49.069	1.72982	2.68926	9.7222
27 600	27 481	224.131	–49.019	1.71679	2.66842	9.7220
27 650	27 530	224.180	–48.970	1.70387	2.64776	9.7219
27 700	27 580	224.230	–48.920	1.69105	2.62725	9.7217
27 750	27 629	224.279	–48.871	1.67833	2.60691	9.7216
27 800	27 679	224.329	–48.821	1.66571	2.58673	9.7214
27 850	27 729	224.379	–48.771	1.65318	2.56672	9.7213
27 900	27 778	224.428	–48.722	1.64076	2.54686	9.7211
27 950	27 828	224.478	–48.672	1.62843	2.52716	9.7210

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
25 000	25 099	221.650	–51.500	2.51101 +1	3.94656 –2	9.7297
25 050	25 149	221.700	–51.450	2.49174	3.91538	9.7295
25 100	25 200	221.750	–51.400	2.47261	3.88446	9.7294
25 150	25 250	221.800	–51.350	2.45364	3.85379	9.7292
25 200	25 300	221.850	–51.300	2.43482	3.82337	9.7291
25 250	25 351	221.900	–51.250	2.41615	3.79319	9.7289
25 300	25 401	221.950	–51.200	2.39762	3.76326	9.7287
25 350	25 451	222.000	–51.150	2.37924	3.73357	9.7286
25 400	25 502	222.050	–51.100	2.36101	3.70412	9.7284
25 450	25 552	222.100	–51.050	2.34292	3.67491	9.7283
25 500	25 603	222.150	–51.000	2.32497 +1	3.64594 –2	9.7281
25 550	25 653	222.200	–50.950	2.30716	3.61720	9.7280
25 600	25 704	222.250	–50.900	2.28950	3.58869	9.7278
25 650	25 754	222.300	–50.850	2.27197	3.56042	9.7277
25 700	25 804	222.350	–50.800	2.25458	3.53237	9.7275
25 750	25 855	222.400	–50.750	2.23733	3.50456	9.7274
25 800	25 905	222.450	–50.700	2.22021	3.47696	9.7272
25 850	25 956	222.500	–50.650	2.20323	3.44959	9.7271
25 900	26 006	222.550	–50.600	2.18638	3.42245	9.7269
25 950	26 056	222.600	–50.550	2.16967	3.39552	9.7267
26 000	26 107	222.650	–50.500	2.15308 +1	3.36881 –2	9.7266
26 050	26 157	222.700	–50.450	2.13663	3.34231	9.7264
26 100	26 208	222.750	–50.400	2.12031	3.31603	9.7263
26 150	26 258	222.800	–50.350	2.10411	3.28997	9.7261
26 200	26 308	222.850	–50.300	2.08804	3.26411	9.7260
26 250	26 359	222.900	–50.250	2.07210	3.23846	9.7258
26 300	26 409	222.950	–50.200	2.05628	3.21302	9.7257
26 350	26 460	223.000	–50.150	2.04059	3.18779	9.7255
26 400	26 510	223.050	–50.100	2.02502	3.16276	9.7254
26 450	26 561	223.100	–50.050	2.00957	3.13792	9.7252
26 500	26 611	223.150	–50.000	1.99425 +1	3.11330 –2	9.7251
26 550	26 661	223.200	–49.950	1.97904	3.08887	9.7249
26 600	26 712	223.250	–49.900	1.96396	3.06463	9.7247
26 650	26 762	223.300	–49.850	1.94899	3.04060	9.7246
26 700	26 813	223.350	–49.800	1.93414	3.01675	9.7244
26 750	26 863	223.400	–49.750	1.91940	2.99310	9.7243
26 800	26 913	223.450	–49.700	1.90479	2.96964	9.7241
26 850	26 964	223.500	–49.650	1.89028	2.94637	9.7240
26 900	27 014	223.550	–49.600	1.87589	2.92329	9.7238
26 950	27 065	223.600	–49.550	1.86161	2.90039	9.7237
27 000	27 115	223.650	–49.500	1.84745 +1	2.87767 –2	9.7235
27 050	27 166	223.700	–49.450	1.83339	2.85514	9.7234
27 100	27 216	223.750	–49.400	1.81945	2.83279	9.7232
27 150	27 266	223.800	–49.350	1.80561	2.81062	9.7231
27 200	27 317	223.850	–49.300	1.79189	2.78863	9.7229
27 250	27 367	223.900	–49.250	1.77827	2.76682	9.7228
27 300	27 418	223.950	–49.200	1.76475	2.74518	9.7226
27 350	27 468	224.000	–49.150	1.75134	2.72372	9.7224
27 400	27 519	224.050	–49.100	1.73804	2.70242	9.7223
27 450	27 569	224.100	–49.050	1.72484	2.68130	9.7221
27 500	27 619	224.150	–49.000	1.71175 +1	2.66035 –2	9.7220
27 550	27 670	224.200	–48.950	1.69875	2.63957	9.7218
27 600	27 720	224.250	–48.900	1.68586	2.61895	9.7217
27 650	27 771	224.300	–48.850	1.67307	2.59850	9.7215
27 700	27 821	224.350	–48.800	1.66038	2.57821	9.7214
27 750	27 872	224.400	–48.750	1.64779	2.55809	9.7212
27 800	27 922	224.450	–48.700	1.63529	2.53813	9.7211
27 850	27 973	224.500	–48.650	1.62289	2.51833	9.7209
27 900	28 023	224.550	–48.600	1.61060	2.49868	9.7208
27 950	28 073	224.600	–48.550	1.59839	2.47920	9.7206

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
28 000	27 877	224.527	–48.623	1.61619 +1	2.50762 –2	9.7208
28 050	27 927	224.577	–48.573	1.60405	2.48823	9.7207
28 100	27 976	224.626	–48.524	1.59200	2.46900	9.7205
28 150	28 026	224.676	–48.474	1.58005	2.44992	9.7204
28 200	28 075	224.725	–48.425	1.56819	2.43100	9.7202
28 250	28 125	224.775	–48.375	1.55642	2.41222	9.7201
28 300	28 175	224.825	–48.325	1.54474	2.39359	9.7199
28 350	28 224	224.874	–48.276	1.53315	2.37511	9.7198
28 400	28 274	224.924	–48.226	1.52166	2.35678	9.7196
28 450	28 323	224.973	–48.177	1.51025	2.33859	9.7195
28 500	28 373	225.023	–48.127	1.49893 +1	2.32055 –2	9.7193
28 550	28 422	225.072	–48.078	1.48769	2.30266	9.7192
28 600	28 472	225.122	–48.028	1.47655	2.28490	9.7190
28 650	28 521	225.171	–47.979	1.46548	2.26728	9.7188
28 700	28 571	225.221	–47.929	1.45451	2.24981	9.7187
28 750	28 621	225.271	–47.879	1.44362	2.23247	9.7185
28 800	28 670	225.320	–47.830	1.43281	2.21528	9.7184
28 850	28 720	225.370	–47.780	1.42209	2.19821	9.7182
28 900	28 769	225.419	–47.731	1.41145	2.18129	9.7181
28 950	28 819	225.469	–47.681	1.40089	2.16449	9.7179
29 000	28 868	225.518	–47.632	1.39042 +1	2.14783 –2	9.7178
29 050	28 918	225.568	–47.582	1.38002	2.13131	9.7176
29 100	28 967	225.617	–47.533	1.36970	2.11491	9.7175
29 150	29 017	225.667	–47.483	1.35947	2.09865	9.7173
29 200	29 066	225.716	–47.434	1.34931	2.08251	9.7172
29 250	29 116	225.766	–47.384	1.33923	2.06650	9.7170
29 300	29 166	225.816	–47.334	1.32923	2.05062	9.7169
29 350	29 215	225.865	–47.285	1.31931	2.03486	9.7167
29 400	29 265	225.915	–47.235	1.30946	2.01923	9.7166
29 450	29 314	225.964	–47.186	1.29969	2.00372	9.7164
29 500	29 364	226.014	–47.136	1.28999 +1	1.98833 –2	9.7163
29 550	29 413	226.063	–47.087	1.28037	1.97307	9.7161
29 600	29 463	226.113	–47.037	1.27082	1.95793	9.7160
29 650	29 512	226.162	–46.988	1.26134	1.94290	9.7158
29 700	29 562	226.212	–46.938	1.25194	1.92800	9.7157
29 750	29 611	226.261	–46.889	1.24261	1.91321	9.7155
29 800	29 661	226.311	–46.839	1.23335	1.89854	9.7153
29 850	29 710	226.360	–46.790	1.22417	1.88399	9.7152
29 900	29 760	226.410	–46.740	1.21505	1.86955	9.7150
29 950	29 810	226.460	–46.690	1.20600	1.85522	9.7149
30 000	29 859	226.509	–46.641	1.19703 +1	1.84101 –2	9.7147
30 050	29 909	226.559	–46.591	1.18812	1.82691	9.7146
30 100	29 958	226.608	–46.542	1.17928	1.81292	9.7144
30 150	30 008	226.658	–46.492	1.17051	1.79904	9.7143
30 200	30 057	226.707	–46.443	1.16180	1.78527	9.7141
30 250	30 107	226.757	–46.393	1.15316	1.77161	9.7140
30 300	30 156	226.806	–46.344	1.14459	1.75806	9.7138
30 350	30 206	226.856	–46.294	1.13609	1.74461	9.7137
30 400	30 255	226.905	–46.245	1.12764	1.73127	9.7135
30 450	30 305	226.955	–46.195	1.11927	1.71804	9.7134
30 500	30 354	227.004	–46.146	1.11096 +1	1.70491 –2	9.7132
30 550	30 404	227.054	–46.096	1.10271	1.69188	9.7131
30 600	30 453	227.103	–46.047	1.09452	1.67896	9.7129
30 650	30 503	227.153	–45.997	1.08640	1.66613	9.7128
30 700	30 552	227.202	–45.948	1.07834	1.65341	9.7126
30 750	30 602	227.252	–45.898	1.07034	1.64079	9.7125
30 800	30 651	227.301	–45.849	1.06240	1.62827	9.7123
30 850	30 701	227.351	–45.799	1.05453	1.61584	9.7122
30 900	30 751	227.401	–45.749	1.04671	1.60352	9.7120
30 950	30 800	227.450	–45.700	1.03895	1.59129	9.7118

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
28 000	28 124	224.650	–48.500	1.58628 +1	2.45987 –2	9.7204
28 050	28 174	224.700	–48.450	1.57427	2.44070	9.7203
28 100	28 225	224.750	–48.400	1.56235	2.42167	9.7201
28 150	28 275	224.800	–48.350	1.55052	2.40281	9.7200
28 200	28 326	224.850	–48.300	1.53878	2.38409	9.7198
28 250	28 376	224.900	–48.250	1.52714	2.36552	9.7197
28 300	28 427	224.950	–48.200	1.51559	2.34710	9.7195
28 350	28 477	225.000	–48.150	1.50412	2.32883	9.7194
28 400	28 527	225.050	–48.100	1.49275	2.31071	9.7192
28 450	28 578	225.100	–48.050	1.48146	2.29273	9.7191
28 500	28 628	225.150	–48.000	1.47026 +1	2.27489 –2	9.7189
28 550	28 679	225.200	–47.950	1.45915	2.25720	9.7188
28 600	28 729	225.250	–47.900	1.44813	2.23965	9.7186
28 650	28 780	225.300	–47.850	1.43719	2.22224	9.7185
28 700	28 830	225.350	–47.800	1.42633	2.20497	9.7183
28 750	28 881	225.400	–47.750	1.41556	2.18783	9.7181
28 800	28 931	225.450	–47.700	1.40488	2.17083	9.7180
28 850	28 982	225.500	–47.650	1.39428	2.15397	9.7178
28 900	29 032	225.550	–47.600	1.38376	2.13725	9.7177
28 950	29 082	225.600	–47.550	1.37332	2.12065	9.7175
29 000	29 133	225.650	–47.500	1.36296 +1	2.10419 –2	9.7174
29 050	29 183	225.700	–47.450	1.35268	2.08786	9.7172
29 100	29 234	225.750	–47.400	1.34248	2.07166	9.7171
29 150	29 284	225.800	–47.350	1.33236	2.05559	9.7169
29 200	29 335	225.850	–47.300	1.32232	2.03965	9.7168
29 250	29 385	225.900	–47.250	1.31236	2.02384	9.7166
29 300	29 436	225.950	–47.200	1.30248	2.00815	9.7165
29 350	29 486	226.000	–47.150	1.29267	1.99259	9.7163
29 400	29 537	226.050	–47.100	1.28294	1.97715	9.7161
29 450	29 587	226.100	–47.050	1.27328	1.96183	9.7160
29 500	29 638	226.150	–47.000	1.26370 +1	1.94663 –2	9.7158
29 550	29 688	226.200	–46.950	1.25419	1.93156	9.7157
29 600	29 738	226.250	–46.900	1.24475	1.91661	9.7155
29 650	29 789	226.300	–46.850	1.23539	1.90177	9.7154
29 700	29 839	226.350	–46.800	1.22610	1.88706	9.7152
29 750	29 890	226.400	–46.750	1.21689	1.87246	9.7151
29 800	29 940	226.450	–46.700	1.20774	1.85797	9.7149
29 850	29 991	226.500	–46.650	1.19867	1.84361	9.7148
29 900	30 041	226.550	–46.600	1.18966	1.82935	9.7146
29 950	30 092	226.600	–46.550	1.18073	1.81521	9.7145
30 000	30 142	226.650	–46.500	1.17186 +1	1.80119 –2	9.7143
30 050	30 193	226.700	–46.450	1.16306	1.78727	9.7142
30 100	30 243	226.750	–46.400	1.15433	1.77346	9.7140
30 150	30 294	226.800	–46.350	1.14567	1.75977	9.7138
30 200	30 344	226.850	–46.300	1.13708	1.74618	9.7137
30 250	30 395	226.900	–46.250	1.12855	1.73270	9.7135
30 300	30 445	226.950	–46.200	1.12008	1.71933	9.7134
30 350	30 496	227.000	–46.150	1.11169	1.70606	9.7132
30 400	30 546	227.050	–46.100	1.10335	1.69290	9.7131
30 450	30 597	227.100	–46.050	1.09508	1.67984	9.7129
30 500	30 647	227.150	–46.000	1.08688 +1	1.66689 –2	9.7128
30 550	30 698	227.200	–45.950	1.07874	1.65404	9.7126
30 600	30 748	227.250	–45.900	1.07066	1.64129	9.7125
30 650	30 799	227.300	–45.850	1.06264	1.62864	9.7123
30 700	30 849	227.350	–45.800	1.05469	1.61609	9.7122
30 750	30 899	227.400	–45.750	1.04679	1.60365	9.7120
30 800	30 950	227.450	–45.700	1.03896	1.59130	9.7118
30 850	31 000	227.500	–45.650	1.03119	1.57904	9.7117
30 900	31 051	227.550	–45.600	1.02347	1.56689	9.7115
30 950	31 101	227.600	–45.550	1.01582	1.55483	9.7114

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
31 000	30 850	227.500	–45.650	1.03126 +1	1.57915 –2	9.7117
31 050	30 899	227.549	–45.601	1.02362	1.56711	9.7115
31 100	30 949	227.599	–45.551	1.01604	1.55517	9.7114
31 150	30 998	227.648	–45.502	1.00851	1.54332	9.7112
31 200	31 048	227.698	–45.452	1.00105	1.53156	9.7111
31 250	31 097	227.747	–45.403	9.93641 +0	1.51990	9.7109
31 300	31 147	227.797	–45.353	9.86289	1.50833	9.7108
31 350	31 196	227.846	–45.304	9.78994	1.49684	9.7106
31 400	31 246	227.896	–45.254	9.71754	1.48545	9.7105
31 450	31 295	227.945	–45.205	9.64569	1.47415	9.7103
31 500	31 345	227.995	–45.155	9.57440 +0	1.46293 –2	9.7102
31 550	31 394	228.044	–45.106	9.50364	1.45181	9.7100
31 600	31 444	228.094	–45.056	9.43342	1.44077	9.7099
31 650	31 493	228.143	–45.007	9.36374	1.42982	9.7097
31 700	31 543	228.193	–44.957	9.29459	1.41895	9.7096
31 750	31 592	228.242	–44.908	9.22597	1.40817	9.7094
31 800	31 642	228.292	–44.858	9.15787	1.39747	9.7093
31 850	31 691	228.341	–44.809	9.09028	1.38686	9.7091
31 900	31 741	228.391	–44.759	9.02322	1.37632	9.7090
31 950	31 790	228.440	–44.710	8.95665	1.36588	9.7088
32 000	31 840	228.490	–44.660	8.89060 +0	1.35551 –2	9.7087
32 100	31 939	228.589	–44.561	8.76000	1.33502	9.7084
32 200	32 038	228.756	–44.394	8.63138	1.31446	9.7080
32 300	32 137	229.033	–44.117	8.50479	1.29361	9.7077
32 400	32 236	229.310	–43.840	8.38021	1.27312	9.7074
32 500	32 335	229.587	–43.563	8.25760	1.25298	9.7071
32 600	32 434	229.864	–43.286	8.13694	1.23318	9.7068
32 700	32 533	230.141	–43.009	8.01819	1.21372	9.7065
32 800	32 632	230.419	–42.731	7.90131	1.19459	9.7062
32 900	32 731	230.696	–42.454	7.78628	1.17579	9.7059
33 000	32 830	230.973	–42.177	7.67306 +0	1.15730 –2	9.7056
33 100	32 929	231.250	–41.900	7.56162	1.13912	9.7053
33 200	33 028	231.527	–41.623	7.45194	1.12126	9.7050
33 300	33 126	231.804	–41.346	7.34398	1.10369	9.7047
33 400	33 225	232.081	–41.069	7.23771	1.08642	9.7044
33 500	33 324	232.358	–40.792	7.13310	1.06945	9.7041
33 600	33 423	232.635	–40.515	7.03014	1.05275	9.7038
33 700	33 522	232.912	–40.238	6.92878	1.03634	9.7035
33 800	33 621	233.189	–39.961	6.82901	1.02020	9.7032
33 900	33 720	233.466	–39.684	6.73079	1.00434	9.7029
34 000	33 819	233.744	–39.406	6.63410 +0	9.88736 –3	9.7026
34 100	33 918	234.021	–39.129	6.53891	9.73396	9.7023
34 200	34 017	234.298	–38.852	6.44521	9.58313	9.7020
34 300	34 116	234.575	–38.575	6.35296	9.43481	9.7017
34 400	34 215	234.852	–38.298	6.26213	9.28896	9.7014
34 500	34 314	235.129	–38.021	6.17272	9.14553	9.7011
34 600	34 413	235.406	–37.744	6.08468	9.00449	9.7008
34 700	34 512	235.682	–37.468	5.99801	8.86580	9.7005
34 800	34 611	235.959	–37.191	5.91267	8.72940	9.7002
34 900	34 709	236.236	–36.914	5.82865	8.59526	9.6998
35 000	34 808	236.513	–36.637	5.74592 +0	8.46334 –3	9.6995
35 100	34 907	236.790	–36.360	5.66446	8.33360	9.6992
35 200	35 006	237.067	–36.083	5.58425	8.20600	9.6989
35 300	35 105	237.344	–35.806	5.50527	8.08050	9.6986
35 400	35 204	237.621	–35.529	5.42751	7.95707	9.6983
35 500	35 303	237.898	–35.252	5.35093	7.83567	9.6980
35 600	35 402	238.175	–34.975	5.27552	7.71627	9.6977
35 700	35 501	238.452	–34.698	5.20126	7.59882	9.6974
35 800	35 600	238.729	–34.421	5.12813	7.48330	9.6971
35 900	35 698	239.005	–34.145	5.05612	7.36966	9.6968

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
31 000	31 152	227.650	–45.500	1.00823 +1	1.54287 –2	9.7112
31 050	31 202	227.700	–45.450	1.00069	1.53100	9.7111
31 100	31 253	227.750	–45.400	9.93213 +0	1.51922	9.7109
31 150	31 303	227.800	–45.350	9.85792	1.50754	9.7108
31 200	31 354	227.850	–45.300	9.78429	1.49595	9.7106
31 250	31 404	227.900	–45.250	9.71121	1.48446	9.7105
31 300	31 455	227.950	–45.200	9.63871	1.47305	9.7103
31 350	31 505	228.000	–45.150	9.56676	1.46173	9.7102
31 400	31 556	228.050	–45.100	9.49536	1.45051	9.7100
31 450	31 606	228.100	–45.050	9.42451	1.43937	9.7099
31 500	31 657	228.150	–45.000	9.35420 +0	1.42832 –2	9.7097
31 550	31 707	228.200	–44.950	9.28444	1.41735	9.7095
31 600	31 758	228.250	–44.900	9.21521	1.40648	9.7094
31 650	31 808	228.300	–44.850	9.14651	1.39569	9.7092
31 700	31 859	228.350	–44.800	9.07834	1.38498	9.7091
31 750	31 909	228.400	–44.750	9.01069	1.37436	9.7089
31 800	31 960	228.450	–44.700	8.94356	1.36382	9.7088
31 850	32 010	228.500	–44.650	8.87694	1.35337	9.7086
31 900	32 061	228.550	–44.600	8.81083	1.34299	9.7085
31 950	32 111	228.600	–44.550	8.74524	1.33270	9.7083
32 000	32 162	228.650	–44.500	8.68014 +0	1.32249 –2	9.7082
32 100	32 263	228.930	–44.220	8.55149	1.30130	9.7079
32 200	32 364	229.210	–43.940	8.42490	1.28047	9.7076
32 300	32 465	229.490	–43.660	8.30034	1.26000	9.7072
32 400	32 566	229.770	–43.380	8.17776	1.23988	9.7069
32 500	32 667	230.050	–43.100	8.05715	1.22010	9.7066
32 600	32 768	230.330	–42.820	7.93845	1.20067	9.7063
32 700	32 869	230.610	–42.540	7.82164	1.18156	9.7060
32 800	32 970	230.890	–42.260	7.70669	1.16279	9.7057
32 900	33 071	231.170	–41.980	7.59357	1.14433	9.7054
33 000	33 172	231.450	–41.700	7.48224 +0	1.12619 –2	9.7051
33 100	33 273	231.730	–41.420	7.37268	1.10836	9.7048
33 200	33 374	232.010	–41.140	7.26485	1.09083	9.7045
33 300	33 475	232.290	–40.860	7.15872	1.07360	9.7042
33 400	33 576	232.570	–40.580	7.05427	1.05666	9.7039
33 500	33 677	232.850	–40.300	6.95147	1.04001	9.7036
33 600	33 779	233.130	–40.020	6.85028	1.02364	9.7033
33 700	33 880	233.410	–39.740	6.75069	1.00755	9.7029
33 800	33 981	233.690	–39.460	6.65266	9.91729 –3	9.7026
33 900	34 082	233.970	–39.180	6.55617	9.76175	9.7023
34 000	34 183	234.250	–38.900	6.46119 +0	9.60884 –3	9.7020
34 100	34 284	234.530	–38.620	6.36770	9.45849	9.7017
34 200	34 385	234.810	–38.340	6.27567	9.31068	9.7014
34 300	34 486	235.090	–38.060	6.18508	9.16535	9.7011
34 400	34 587	235.370	–37.780	6.09590	9.02245	9.7008
34 500	34 688	235.650	–37.500	6.00811	8.88195	9.7005
34 600	34 789	235.930	–37.220	5.92168	8.74380	9.7002
34 700	34 890	236.210	–36.940	5.83661	8.60796	9.6999
34 800	34 992	236.490	–36.660	5.75285	8.47438	9.6996
34 900	35 093	236.770	–36.380	5.67039	8.34304	9.6993
35 000	35 194	237.050	–36.100	5.58921 +0	8.21388 –3	9.6990
35 100	35 295	237.330	–35.820	5.50928	8.08687	9.6987
35 200	35 396	237.610	–35.540	5.43059	7.96196	9.6983
35 300	35 497	237.890	–35.260	5.35311	7.83914	9.6980
35 400	35 598	238.170	–34.980	5.27683	7.71835	9.6977
35 500	35 699	238.450	–34.700	5.20172	7.59955	9.6974
35 600	35 800	238.730	–34.420	5.12777	7.48272	9.6971
35 700	35 902	239.010	–34.140	5.05496	7.36783	9.6968
35 800	36 003	239.290	–33.860	4.98326	7.25482	9.6965
35 900	36 104	239.570	–33.580	4.91266	7.14368	9.6962

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
36 000	35 797	239.282	–33.868	4.98520 +0	7.25789 –3	9.6965
36 100	35 896	239.559	–33.591	4.91536	7.14794	9.6962
36 200	35 995	239.836	–33.314	4.84658	7.03978	9.6959
36 300	36 094	240.113	–33.037	4.77884	6.93339	9.6956
36 400	36 193	240.390	–32.760	4.71213	6.82872	9.6953
36 500	36 292	240.667	–32.483	4.64642	6.72576	9.6950
36 600	36 390	240.943	–32.207	4.58171	6.62447	9.6947
36 700	36 489	241.220	–31.930	4.51797	6.52482	9.6944
36 800	36 588	241.497	–31.653	4.45520	6.42678	9.6941
36 900	36 687	241.774	–31.376	4.39337	6.33033	9.6938
37 000	36 786	242.050	–31.100	4.33246 +0	6.23544 –3	9.6935
37 100	36 885	242.327	–30.823	4.27247	6.14208	9.6932
37 200	36 984	242.604	–30.546	4.21339	6.05022	9.6929
37 300	37 082	242.881	–30.269	4.15518	5.95985	9.6926
37 400	37 181	243.157	–29.993	4.09785	5.87092	9.6923
37 500	37 280	243.434	–29.716	4.04137	5.78343	9.6920
37 600	37 379	243.711	–29.439	3.98574	5.69734	9.6917
37 700	37 478	243.988	–29.162	3.93093	5.61263	9.6914
37 800	37 577	244.264	–28.886	3.87695	5.52927	9.6911
37 900	37 675	244.541	–28.609	3.82376	5.44725	9.6908
38 000	37 774	244.818	–28.332	3.77137 +0	5.36653 –3	9.6904
38 100	37 873	245.094	–28.056	3.71975	5.28711	9.6901
38 200	37 972	245.371	–27.779	3.66890	5.20895	9.6898
38 300	38 071	245.648	–27.502	3.61880	5.13203	9.6895
38 400	38 169	245.924	–27.226	3.56944	5.05634	9.6892
38 500	38 268	246.201	–26.949	3.52081	4.98185	9.6889
38 600	38 367	246.478	–26.672	3.47290	4.90854	9.6886
38 700	38 466	246.754	–26.396	3.42569	4.83639	9.6883
38 800	38 565	247.031	–26.119	3.37918	4.76539	9.6880
38 900	38 663	247.308	–25.842	3.33335	4.69550	9.6877
39 000	38 762	247.584	–25.566	3.28820 +0	4.62672 –3	9.6874
39 100	38 861	247.861	–25.289	3.24371	4.55903	9.6871
39 200	38 960	248.137	–25.013	3.19987	4.49240	9.6868
39 300	39 059	248.414	–24.736	3.15667	4.42682	9.6865
39 400	39 157	248.690	–24.460	3.11410	4.36227	9.6862
39 500	39 256	248.967	–24.183	3.07216	4.29873	9.6859
39 600	39 355	249.244	–23.906	3.03083	4.23619	9.6856
39 700	39 454	249.520	–23.630	2.99010	4.17463	9.6853
39 800	39 552	249.797	–23.353	2.94996	4.11403	9.6850
39 900	39 651	250.073	–23.077	2.91040	4.05438	9.6847
40 000	39 750	250.350	–22.800	2.87143 +0	3.99566 –3	9.6844
40 100	39 849	250.626	–22.524	2.83301	3.93786	9.6841
40 200	39 947	250.903	–22.247	2.79515	3.88095	9.6838
40 300	40 046	251.179	–21.971	2.75784	3.82494	9.6835
40 400	40 145	251.456	–21.694	2.72107	3.76979	9.6832
40 500	40 244	251.732	–21.418	2.68483	3.71550	9.6829
40 600	40 342	252.009	–21.141	2.64912	3.66205	9.6826
40 700	40 441	252.285	–20.865	2.61391	3.60943	9.6823
40 800	40 540	252.561	–20.589	2.57922	3.55762	9.6820
40 900	40 639	252.838	–20.312	2.54502	3.50661	9.6817
41 000	40 737	253.114	–20.036	2.51132 +0	3.45639 –3	9.6814
41 100	40 836	253.391	–19.759	2.47810	3.40695	9.6811
41 200	40 935	253.667	–19.483	2.44535	3.35826	9.6808
41 300	41 033	253.944	–19.206	2.41307	3.31033	9.6805
41 400	41 132	254.220	–18.930	2.38126	3.26313	9.6802
41 500	41 231	254.496	–18.654	2.34989	3.21666	9.6798
41 600	41 330	254.773	–18.377	2.31898	3.17090	9.6795
41 700	41 428	255.049	–18.101	2.28851	3.12584	9.6792
41 800	41 527	255.325	–17.825	2.25847	3.08147	9.6789
41 900	41 626	255.602	–17.548	2.22885	3.03778	9.6786

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
36 000	36 205	239.850	–33.300	4.84314 +0	7.03437 –3	9.6959
36 100	36 306	240.130	–33.020	4.77469	6.92686	9.6956
36 200	36 407	240.410	–32.740	4.70728	6.82111	9.6953
36 300	36 508	240.690	–32.460	4.64090	6.71710	9.6950
36 400	36 610	240.970	–32.180	4.57553	6.61479	9.6947
36 500	36 711	241.250	–31.900	4.51115	6.51416	9.6944
36 600	36 812	241.530	–31.620	4.44776	6.41517	9.6940
36 700	36 913	241.810	–31.340	4.38532	6.31779	9.6937
36 800	37 014	242.090	–31.060	4.32384	6.22201	9.6934
36 900	37 115	242.370	–30.780	4.26329	6.12779	9.6931
37 000	37 217	242.650	–30.500	4.20365 +0	6.03509 –3	9.6928
37 100	37 318	242.930	–30.220	4.14491	5.94391	9.6925
37 200	37 419	243.210	–29.940	4.08706	5.85421	9.6922
37 300	37 520	243.490	–29.660	4.03009	5.76596	9.6919
37 400	37 621	243.770	–29.380	3.97397	5.67914	9.6916
37 500	37 723	244.050	–29.100	3.91870	5.59372	9.6913
37 600	37 824	244.330	–28.820	3.86425	5.50969	9.6910
37 700	37 925	244.610	–28.540	3.81063	5.42701	9.6907
37 800	38 026	244.890	–28.260	3.75781	5.34566	9.6904
37 900	38 127	245.170	–27.980	3.70578	5.26563	9.6901
38 000	38 229	245.450	–27.700	3.65453 +0	5.18688 –3	9.6898
38 100	38 330	245.730	–27.420	3.60404	5.10940	9.6894
38 200	38 431	246.010	–27.140	3.55431	5.03316	9.6891
38 300	38 532	246.290	–26.860	3.50532	4.95814	9.6888
38 400	38 633	246.570	–26.580	3.45706	4.88433	9.6885
38 500	38 735	246.850	–26.300	3.40952	4.81169	9.6882
38 600	38 836	247.130	–26.020	3.36268	4.74022	9.6879
38 700	38 937	247.410	–25.740	3.31654	4.66989	9.6876
38 800	39 038	247.690	–25.460	3.27109	4.60068	9.6873
38 900	39 140	247.970	–25.180	3.22631	4.53257	9.6870
39 000	39 241	248.250	–24.900	3.18219 +0	4.46554 –3	9.6867
39 100	39 342	248.530	–24.620	3.13872	4.39958	9.6864
39 200	39 443	248.810	–24.340	3.09589	4.33467	9.6861
39 300	39 544	249.090	–24.060	3.05370	4.27079	9.6858
39 400	39 646	249.370	–23.780	3.01212	4.20791	9.6855
39 500	39 747	249.650	–23.500	2.97116	4.14604	9.6852
39 600	39 848	249.930	–23.220	2.93080	4.08514	9.6848
39 700	39 950	250.210	–22.940	2.89104	4.02520	9.6845
39 800	40 051	250.490	–22.660	2.85185	3.96620	9.6842
39 900	40 152	250.770	–22.380	2.81324	3.90814	9.6839
40 000	40 253	251.050	–22.100	2.77520 +0	3.85099 –3	9.6836
40 100	40 355	251.330	–21.820	2.73771	3.79473	9.6833
40 200	40 456	251.610	–21.540	2.70077	3.73936	9.6830
40 300	40 557	251.890	–21.260	2.66437	3.68486	9.6827
40 400	40 658	252.170	–20.980	2.62849	3.63121	9.6824
40 500	40 760	252.450	–20.700	2.59314	3.57840	9.6821
40 600	40 861	252.730	–20.420	2.55831	3.52642	9.6818
40 700	40 962	253.010	–20.140	2.52398	3.47525	9.6815
40 800	41 064	253.290	–19.860	2.49014	3.42487	9.6812
40 900	41 165	253.570	–19.580	2.45680	3.37528	9.6809
41 000	41 266	253.850	–19.300	2.42394 +0	3.32646 –3	9.6806
41 100	41 367	254.130	–19.020	2.39156	3.27840	9.6802
41 200	41 469	254.410	–18.740	2.35964	3.23109	9.6799
41 300	41 570	254.690	–18.460	2.32818	3.18451	9.6796
41 400	41 671	254.970	–18.180	2.29718	3.13865	9.6793
41 500	41 773	255.250	–17.900	2.26662	3.09351	9.6790
41 600	41 874	255.530	–17.620	2.23650	3.04905	9.6787
41 700	41 975	255.810	–17.340	2.20681	3.00529	9.6784
41 800	42 077	256.090	–17.060	2.17755	2.96220	9.6781
41 900	42 178	256.370	–16.780	2.14871	2.91978	9.6778

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
42 000	41 724	255.878	–17.272	2.19966 +0	2.99475 –3	9.6783
42 100	41 823	256.154	–16.996	2.17088	2.95238	9.6780
42 200	41 922	256.431	–16.719	2.14251	2.91066	9.6777
42 300	42 020	256.707	–16.443	2.11454	2.86957	9.6774
42 400	42 119	256.983	–16.167	2.08697	2.82911	9.6771
42 500	42 218	257.260	–15.890	2.05979	2.78926	9.6768
42 600	42 316	257.536	–15.614	2.03299	2.75001	9.6765
42 700	42 415	257.812	–15.338	2.00656	2.71136	9.6762
42 800	42 514	258.088	–15.062	1.98051	2.67330	9.6759
42 900	42 612	258.365	–14.785	1.95483	2.63581	9.6756
43 000	42 711	258.641	–14.509	1.92950 +0	2.59888 –3	9.6753
43 100	42 810	258.917	–14.233	1.90454	2.56252	9.6750
43 200	42 908	259.193	–13.957	1.87992	2.52670	9.6747
43 300	43 007	259.470	–13.680	1.85564	2.49142	9.6744
43 400	43 106	259.746	–13.404	1.83171	2.45667	9.6741
43 500	43 204	260.022	–13.128	1.80811	2.42244	9.6738
43 600	43 303	260.298	–12.852	1.78484	2.38872	9.6735
43 700	43 402	260.575	–12.575	1.76189	2.35552	9.6732
43 800	43 500	260.851	–12.299	1.73927	2.32280	9.6729
43 900	43 599	261.127	–12.023	1.71696	2.29058	9.6726
44 000	43 698	261.403	–11.747	1.69496 +0	2.25884 –3	9.6723
44 100	43 796	261.679	–11.471	1.67326	2.22757	9.6720
44 200	43 895	261.955	–11.195	1.65186	2.19677	9.6717
44 300	43 993	262.232	–10.918	1.63076	2.16643	9.6714
44 400	44 092	262.508	–10.642	1.60996	2.13654	9.6711
44 500	44 191	262.784	–10.366	1.58944	2.10709	9.6708
44 600	44 289	263.060	–10.090	1.56920	2.07808	9.6705
44 700	44 388	263.336	–9.814	1.54924	2.04950	9.6702
44 800	44 486	263.612	–9.538	1.52956	2.02134	9.6699
44 900	44 585	263.888	–9.262	1.51015	1.99360	9.6696
45 000	44 684	264.164	–8.986	1.49101 +0	1.96627 –3	9.6693
45 100	44 782	264.440	–8.710	1.47213	1.93934	9.6690
45 200	44 881	264.716	–8.434	1.45350	1.91281	9.6687
45 300	44 979	264.992	–8.158	1.43514	1.88668	9.6684
45 400	45 078	265.269	–7.881	1.41702	1.86092	9.6681
45 500	45 177	265.545	–7.605	1.39915	1.83555	9.6678
45 600	45 275	265.821	–7.329	1.38153	1.81054	9.6675
45 700	45 374	266.097	–7.053	1.36414	1.78590	9.6672
45 800	45 472	266.373	–6.777	1.34700	1.76163	9.6669
45 900	45 571	266.649	–6.501	1.33008	1.73771	9.6665
46 000	45 670	266.925	–6.225	1.31340 +0	1.71414 –3	9.6662
46 100	45 768	267.201	–5.949	1.29694	1.69091	9.6659
46 200	45 867	267.477	–5.673	1.28071	1.66803	9.6656
46 300	45 965	267.753	–5.397	1.26470	1.64547	9.6653
46 400	46 064	268.029	–5.121	1.24890	1.62325	9.6650
46 500	46 162	268.304	–4.846	1.23332	1.60135	9.6647
46 600	46 261	268.580	–4.570	1.21795	1.57976	9.6644
46 700	46 359	268.856	–4.294	1.20278	1.55849	9.6641
46 800	46 458	269.132	–4.018	1.18782	1.53753	9.6638
46 900	46 556	269.408	–3.742	1.17306	1.51687	9.6635
47 000	46 655	269.684	–3.466	1.15851 +0	1.49651 –3	9.6632
47 100	46 754	269.960	–3.190	1.14414	1.47645	9.6629
47 200	46 852	270.236	–2.914	1.12997	1.45667	9.6626
47 300	46 951	270.512	–2.638	1.11599	1.43718	9.6623
47 400	47 049	270.650	–2.500	1.10219	1.41869	9.6620
47 500	47 148	270.650	–2.500	1.08857	1.40116	9.6617
47 600	47 246	270.650	–2.500	1.07512	1.38384	9.6614
47 700	47 345	270.650	–2.500	1.06183	1.36674	9.6611
47 800	47 443	270.650	–2.500	1.04871	1.34985	9.6608
47 900	47 542	270.650	–2.500	1.03575	1.33317	9.6605

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
42 000	42 279	256.650	–16.500	2.12029 +0	2.87800 –3	9.6775
42 100	42 381	256.930	–16.220	2.09226	2.83687	9.6772
42 200	42 482	257.210	–15.940	2.06464	2.79637	9.6769
42 300	42 583	257.490	–15.660	2.03742	2.75650	9.6766
42 400	42 685	257.770	–15.380	2.01058	2.71723	9.6763
42 500	42 786	258.050	–15.100	1.98412	2.67857	9.6760
42 600	42 887	258.330	–14.820	1.95804	2.64049	9.6757
42 700	42 989	258.610	–14.540	1.93233	2.60300	9.6753
42 800	43 090	258.890	–14.260	1.90698	2.56608	9.6750
42 900	43 191	259.170	–13.980	1.88200	2.52972	9.6747
43 000	43 293	259.450	–13.700	1.85737 +0	2.49392 –3	9.6744
43 100	43 394	259.730	–13.420	1.83308	2.45866	9.6741
43 200	43 496	260.010	–13.140	1.80914	2.42393	9.6738
43 300	43 597	260.290	–12.860	1.78554	2.38974	9.6735
43 400	43 698	260.570	–12.580	1.76227	2.35606	9.6732
43 500	43 800	260.850	–12.300	1.73933	2.32289	9.6729
43 600	43 901	261.130	–12.020	1.71671	2.29022	9.6726
43 700	44 003	261.410	–11.740	1.69441	2.25805	9.6723
43 800	44 104	261.690	–11.460	1.67242	2.22636	9.6720
43 900	44 205	261.970	–11.180	1.65074	2.19515	9.6717
44 000	44 307	262.250	–10.900	1.62936 +0	2.16441 –3	9.6714
44 100	44 408	262.530	–10.620	1.60829	2.13414	9.6711
44 200	44 509	262.810	–10.340	1.58751	2.10432	9.6707
44 300	44 611	263.090	–10.060	1.56701	2.07494	9.6704
44 400	44 712	263.370	–9.780	1.54681	2.04601	9.6701
44 500	44 814	263.650	–9.500	1.52688	2.01751	9.6698
44 600	44 915	263.930	–9.220	1.50723	1.98944	9.6695
44 700	45 017	264.210	–8.940	1.48786	1.96178	9.6692
44 800	45 118	264.490	–8.660	1.46876	1.93454	9.6689
44 900	45 219	264.770	–8.380	1.44992	1.90771	9.6686
45 000	45 321	265.050	–8.100	1.43134 +0	1.88128 –3	9.6683
45 100	45 422	265.330	–7.820	1.41302	1.85524	9.6680
45 200	45 524	265.610	–7.540	1.39495	1.82958	9.6677
45 300	45 625	265.890	–7.260	1.37713	1.80431	9.6674
45 400	45 727	266.170	–6.980	1.35956	1.77942	9.6671
45 500	45 828	266.450	–6.700	1.34223	1.75489	9.6668
45 600	45 929	266.730	–6.420	1.32514	1.73073	9.6665
45 700	46 031	267.010	–6.140	1.30829	1.70692	9.6662
45 800	46 132	267.290	–5.860	1.29166	1.68346	9.6658
45 900	46 234	267.570	–5.580	1.27527	1.66036	9.6655
46 000	46 335	267.850	–5.300	1.25910 +0	1.63759 –3	9.6652
46 100	46 437	268.130	–5.020	1.24315	1.61516	9.6649
46 200	46 538	268.410	–4.740	1.22741	1.59306	9.6646
46 300	46 640	268.690	–4.460	1.21190	1.57128	9.6643
46 400	46 741	268.970	–4.180	1.19660	1.54982	9.6640
46 500	46 843	269.250	–3.900	1.18150	1.52868	9.6637
46 600	46 944	269.530	–3.620	1.16661	1.50785	9.6634
46 700	47 046	269.810	–3.340	1.15193	1.48732	9.6631
46 800	47 147	270.090	–3.060	1.13744	1.46710	9.6628
46 900	47 249	270.370	–2.780	1.12315	1.44716	9.6625
47 000	47 350	270.650	–2.500	1.10906 +0	1.42752 –3	9.6622
47 100	47 452	270.650	–2.500	1.09514	1.40962	9.6619
47 200	47 553	270.650	–2.500	1.08141	1.39194	9.6616
47 300	47 655	270.650	–2.500	1.06784	1.37448	9.6613
47 400	47 756	270.650	–2.500	1.05445	1.35724	9.6609
47 500	47 858	270.650	–2.500	1.04122	1.34021	9.6606
47 600	47 959	270.650	–2.500	1.02816	1.32340	9.6603
47 700	48 061	270.650	–2.500	1.01526	1.30680	9.6600
47 800	48 162	270.650	–2.500	1.00253	1.29041	9.6597
47 900	48 264	270.650	–2.500	9.89956 –1	1.27422	9.6594

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
48 000	47 640	270.650	–2.500	1.02295 +0	1.31669 –3	9.6602
48 100	47 739	270.650	–2.500	1.01031	1.30042	9.6599
48 200	47 837	270.650	–2.500	9.97826 –1	1.28435	9.6596
48 300	47 936	270.650	–2.500	9.85497	1.26849	9.6593
48 400	48 034	270.650	–2.500	9.73320	1.25281	9.6590
48 500	48 133	270.650	–2.500	9.61295	1.23733	9.6587
48 600	48 231	270.650	–2.500	9.49418	1.22205	9.6584
48 700	48 330	270.650	–2.500	9.37688	1.20695	9.6581
48 800	48 428	270.650	–2.500	9.26103	1.19204	9.6578
48 900	48 527	270.650	–2.500	9.14663	1.17731	9.6575
49 000	48 625	270.650	–2.500	9.03363 –1	1.16277 –3	9.6572
49 100	48 724	270.650	–2.500	8.92204	1.14840	9.6569
49 200	48 822	270.650	–2.500	8.81183	1.13422	9.6566
49 300	48 921	270.650	–2.500	8.70298	1.12021	9.6563
49 400	49 019	270.650	–2.500	8.59548	1.10637	9.6560
49 500	49 118	270.650	–2.500	8.48931	1.09270	9.6557
49 600	49 216	270.650	–2.500	8.38446	1.07921	9.6554
49 700	49 314	270.650	–2.500	8.28090	1.06588	9.6551
49 800	49 413	270.650	–2.500	8.17863	1.05271	9.6548
49 900	49 511	270.650	–2.500	8.07762	1.03971	9.6545
50 000	49 610	270.650	–2.500	7.97787 –1	1.02687 –3	9.6542
50 100	49 708	270.650	–2.500	7.87935	1.01419	9.6539
50 200	49 807	270.650	–2.500	7.78205	1.00167	9.6536
50 300	49 905	270.650	–2.500	7.68595	9.89299 –4	9.6533
50 400	50 004	270.650	–2.500	7.59104	9.77083	9.6530
50 500	50 102	270.650	–2.500	7.49731	9.65018	9.6527
50 600	50 200	270.650	–2.500	7.40474	9.53102	9.6524
50 700	50 299	270.650	–2.500	7.31331	9.41335	9.6521
50 800	50 397	270.650	–2.500	7.22302	9.29712	9.6518
50 900	50 496	270.650	–2.500	7.13384	9.18234	9.6515
51 000	50 594	270.650	–2.500	7.04576 –1	9.06897 –4	9.6512
51 200	50 791	270.650	–2.500	6.87287	8.84644	9.6506
51 400	50 988	270.650	–2.500	6.70424	8.62938	9.6500
51 600	51 185	270.133	–3.017	6.53960	8.43356	9.6494
51 800	51 381	269.582	–3.568	6.37870	8.24287	9.6488
52 000	51 578	269.031	–4.119	6.22144	8.05613	9.6482
52 200	51 775	268.480	–4.670	6.06777	7.87325	9.6476
52 400	51 972	267.930	–5.220	5.91759	7.69418	9.6470
52 600	52 168	267.379	–5.771	5.77084	7.51883	9.6463
52 800	52 365	266.828	–6.322	5.62745	7.34714	9.6457
53 000	52 562	266.277	–6.873	5.48734 –1	7.17904 –4	9.6451
53 200	52 758	265.726	–7.424	5.35045	7.01446	9.6445
53 400	52 955	265.176	–7.974	5.21671	6.85333	9.6439
53 600	53 152	264.625	–8.525	5.08606	6.69559	9.6433
53 800	53 348	264.074	–9.076	4.95842	6.54117	9.6427
54 000	53 545	263.524	–9.626	4.83374	6.39001	9.6421
54 200	53 742	262.973	–10.177	4.71195	6.24205	9.6415
54 400	53 938	262.423	–10.727	4.59299	6.09723	9.6409
54 600	54 135	261.872	–11.278	4.47680	5.95547	9.6403
54 800	54 332	261.322	–11.828	4.36332	5.81674	9.6397
55 000	54 528	260.771	–12.379	4.25249 –1	5.68096 –4	9.6391
55 200	54 725	260.221	–12.929	4.14426	5.54809	9.6385
55 400	54 921	259.670	–13.480	4.03857	5.41806	9.6379
55 600	55 118	259.120	–14.030	3.93537	5.29081	9.6373
55 800	55 314	258.570	–14.580	3.83460	5.16631	9.6367
56 000	55 511	258.019	–15.131	3.73621	5.04448	9.6361
56 200	55 707	257.469	–15.681	3.64014	4.92528	9.6355
56 400	55 904	256.919	–16.231	3.54636	4.80867	9.6349
56 600	56 100	256.369	–16.781	3.45480	4.69457	9.6343
56 800	56 297	255.819	–17.331	3.36543	4.58296	9.6337

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
48 000	48 365	270.650	–2.500	9.77539 –1	1.25824 –3	9.6591
48 100	48 467	270.650	–2.500	9.65277	1.24246	9.6588
48 200	48 568	270.650	–2.500	9.53169	1.22687	9.6585
48 300	48 670	270.650	–2.500	9.41213	1.21149	9.6582
48 400	48 771	270.650	–2.500	9.29408	1.19629	9.6579
48 500	48 873	270.650	–2.500	9.17750	1.18128	9.6576
48 600	48 974	270.650	–2.500	9.06238	1.16647	9.6573
48 700	49 076	270.650	–2.500	8.94871	1.15183	9.6570
48 800	49 178	270.650	–2.500	8.83646	1.13739	9.6567
48 900	49 279	270.650	–2.500	8.72562	1.12312	9.6564
49 000	49 381	270.650	–2.500	8.61617 –1	1.10903 –3	9.6560
49 100	49 482	270.650	–2.500	8.50810	1.09512	9.6557
49 200	49 584	270.650	–2.500	8.40138	1.08139	9.6554
49 300	49 685	270.650	–2.500	8.29600	1.06782	9.6551
49 400	49 787	270.650	–2.500	8.19194	1.05443	9.6548
49 500	49 888	270.650	–2.500	8.08918	1.04120	9.6545
49 600	49 990	270.650	–2.500	7.98772	1.02814	9.6542
49 700	50 092	270.650	–2.500	7.88753	1.01525	9.6539
49 800	50 193	270.650	–2.500	7.78859	1.00251	9.6536
49 900	50 295	270.650	–2.500	7.69090	9.89936 –4	9.6533
50 000	50 396	270.650	–2.500	7.59443 –1	9.77519 –4	9.6530
50 100	50 498	270.650	–2.500	7.49917	9.65257	9.6527
50 200	50 600	270.650	–2.500	7.40510	9.53150	9.6524
50 300	50 701	270.650	–2.500	7.31222	9.41194	9.6521
50 400	50 803	270.650	–2.500	7.22050	9.29388	9.6518
50 500	50 904	270.650	–2.500	7.12993	9.17731	9.6515
50 600	51 006	270.650	–2.500	7.04050	9.06219	9.6511
50 700	51 108	270.650	–2.500	6.95219	8.94852	9.6508
50 800	51 209	270.650	–2.500	6.86498	8.83628	9.6505
50 900	51 311	270.650	–2.500	6.77887	8.72544	9.6502
51 000	51 412	270.650	–2.500	6.69384 –1	8.61600 –4	9.6499
51 200	51 616	270.090	–3.060	6.52680	8.41840	9.6493
51 400	51 819	269.530	–3.620	6.36359	8.22495	9.6487
51 600	52 022	268.970	–4.180	6.20414	8.03555	9.6481
51 800	52 226	268.410	–4.740	6.04836	7.85013	9.6475
52 000	52 429	267.850	–5.300	5.89618	7.66861	9.6469
52 200	52 632	267.290	–5.860	5.74752	7.49093	9.6463
52 400	52 836	266.730	–6.420	5.60231	7.31700	9.6456
52 600	53 039	266.170	–6.980	5.46047	7.14676	9.6450
52 800	53 242	265.610	–7.540	5.32194	6.98013	9.6444
53 000	53 446	265.050	–8.100	5.18664 –1	6.81705 –4	9.6438
53 200	53 649	264.490	–8.660	5.05451	6.65745	9.6432
53 400	53 852	263.930	–9.220	4.92547	6.50125	9.6426
53 600	54 056	263.370	–9.780	4.79947	6.34840	9.6420
53 800	54 259	262.810	–10.340	4.67642	6.19883	9.6414
54 000	54 463	262.250	–10.900	4.55628	6.05248	9.6407
54 200	54 666	261.690	–11.460	4.43898	5.90928	9.6401
54 400	54 870	261.130	–12.020	4.32446	5.76917	9.6395
54 600	55 073	260.570	–12.580	4.21266	5.63210	9.6389
54 800	55 277	260.010	–13.140	4.10352	5.49799	9.6383
55 000	55 480	259.450	–13.700	3.99697 –1	5.36680 –4	9.6377
55 200	55 684	258.890	–14.260	3.89298	5.23847	9.6371
55 400	55 887	258.330	–14.820	3.79147	5.11294	9.6365
55 600	56 091	257.770	–15.380	3.69239	4.99015	9.6359
55 800	56 294	257.210	–15.940	3.59570	4.87006	9.6352
56 000	56 498	256.650	–16.500	3.50134	4.75260	9.6346
56 200	56 701	256.090	–17.060	3.40926	4.63773	9.6340
56 400	56 905	255.530	–17.620	3.31940	4.52539	9.6334
56 600	57 109	254.970	–18.180	3.23173	4.41554	9.6328
56 800	57 312	254.410	–18.740	3.14618	4.30812	9.6322

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
57 000	56 493	255.268	–17.882	3.27818 –1	4.47377 –4	9.6331
57 200	56 690	254.718	–18.432	3.19302	4.36697	9.6325
57 400	56 886	254.168	–18.982	3.10991	4.26250	9.6319
57 600	57 083	253.618	–19.532	3.02879	4.16031	9.6313
57 800	57 279	253.068	–20.082	2.94962	4.06037	9.6307
58 000	57 476	252.518	–20.632	2.87236	3.96263	9.6301
58 200	57 672	251.969	–21.181	2.79696	3.86703	9.6295
58 400	57 868	251.419	–21.731	2.72339	3.77355	9.6289
58 600	58 065	250.869	–22.281	2.65161	3.68214	9.6283
58 800	58 261	250.319	–22.831	2.58157	3.59275	9.6277
59 000	58 457	249.769	–23.381	2.51323 –1	3.50535 –4	9.6271
59 200	58 654	249.220	–23.930	2.44657	3.41990	9.6265
59 400	58 850	248.670	–24.480	2.38153	3.33635	9.6259
59 600	59 046	248.120	–25.030	2.31809	3.25467	9.6253
59 800	59 243	247.571	–25.579	2.25621	3.17482	9.6247
60 000	59 439	247.021	–26.129	2.19586	3.09676	9.6241
60 200	59 635	246.471	–26.679	2.13699	3.02046	9.6235
60 400	59 831	245.922	–27.228	2.07958	2.94588	9.6229
60 600	60 028	245.372	–27.778	2.02359	2.87299	9.6223
60 800	60 224	244.823	–28.327	1.96899	2.80174	9.6217
61 000	60 420	244.273	–28.877	1.91574 –1	2.73212 –4	9.6211
61 200	60 616	243.724	–29.426	1.86383	2.66407	9.6205
61 400	60 813	243.175	–29.975	1.81322	2.59758	9.6199
61 600	61 009	242.625	–30.525	1.76387	2.53261	9.6193
61 800	61 205	242.076	–31.074	1.71576	2.46912	9.6187
62 000	61 401	241.527	–31.623	1.66886	2.40709	9.6181
62 200	61 597	240.978	–32.172	1.62314	2.34649	9.6175
62 400	61 793	240.428	–32.722	1.57858	2.28728	9.6169
62 600	61 990	239.879	–33.271	1.53515	2.22944	9.6163
62 800	62 186	239.330	–33.820	1.49282	2.17294	9.6157
63 000	62 382	238.781	–34.369	1.45156 –1	2.11774 –4	9.6151
63 200	62 578	238.232	–34.918	1.41136	2.06384	9.6145
63 400	62 774	237.683	–35.467	1.37218	2.01118	9.6139
63 600	62 970	237.134	–36.016	1.33401	1.95976	9.6133
63 800	63 166	236.585	–36.565	1.29682	1.90954	9.6127
64 000	63 362	236.036	–37.114	1.26058	1.86050	9.6121
64 200	63 558	235.487	–37.663	1.22527	1.81261	9.6115
64 400	63 754	234.939	–38.211	1.19088	1.76585	9.6109
64 600	63 950	234.390	–38.760	1.15738	1.72019	9.6103
64 800	64 146	233.841	–39.309	1.12475	1.67561	9.6097
65 000	64 342	233.292	–39.858	1.09297 –1	1.63209 –4	9.6091
65 200	64 538	232.744	–40.406	1.06201	1.58961	9.6085
65 400	64 734	232.195	–40.955	1.03186	1.54813	9.6079
65 600	64 930	231.646	–41.504	1.00251	1.50765	9.6073
65 800	65 126	231.098	–42.052	9.73921 –2	1.46814	9.6067
66 000	65 322	230.549	–42.601	9.46086	1.42957	9.6061
66 200	65 518	230.001	–43.149	9.18985	1.39193	9.6055
66 400	65 714	229.452	–43.698	8.92599	1.35520	9.6049
66 600	65 909	228.904	–44.246	8.66913	1.31935	9.6043
66 800	66 105	228.355	–44.795	8.41908	1.28437	9.6037
67 000	66 301	227.807	–45.343	8.17568 –2	1.25025 –4	9.6031
67 200	66 497	227.258	–45.892	7.93877	1.21695	9.6026
67 400	66 693	226.710	–46.440	7.70820	1.18446	9.6020
67 600	66 889	226.162	–46.988	7.48380	1.15277	9.6014
67 800	67 084	225.614	–47.536	7.26542	1.12185	9.6008
68 000	67 280	225.065	–48.085	7.05293	1.09169	9.6002
68 200	67 476	224.517	–48.633	6.84616	1.06227	9.5996
68 400	67 672	223.969	–49.181	6.64499	1.03358	9.5990
68 600	67 868	223.421	–49.729	6.44926	1.00560	9.5984
68 800	68 063	222.873	–50.277	6.25886	9.78309 –5	9.5978

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
57 000	57 516	253.850	–19.300	3.06272 –1	4.20308 –4	9.6316
57 200	57 719	253.290	–19.860	2.98129	4.10038	9.6310
57 400	57 923	252.730	–20.420	2.90186	3.99998	9.6303
57 600	58 127	252.170	–20.980	2.82437	3.90181	9.6297
57 800	58 330	251.610	–21.540	2.74879	3.80585	9.6291
58 000	58 534	251.050	–22.100	2.67507	3.71204	9.6285
58 200	58 738	250.490	–22.660	2.60316	3.62034	9.6279
58 400	58 942	249.930	–23.220	2.53304	3.53071	9.6273
58 600	59 145	249.370	–23.780	2.46465	3.44310	9.6267
58 800	59 349	248.810	–24.340	2.39797	3.35748	9.6261
59 000	59 553	248.250	–24.900	2.33294 –1	3.27380 –4	9.6255
59 200	59 757	247.690	–25.460	2.26953	3.19202	9.6248
59 400	59 960	247.130	–26.020	2.20771	3.11211	9.6242
59 600	60 164	246.570	–26.580	2.14744	3.03403	9.6236
59 800	60 368	246.010	–27.140	2.08869	2.95773	9.6230
60 000	60 572	245.450	–27.700	2.03141	2.88319	9.6224
60 200	60 776	244.890	–28.260	1.97558	2.81036	9.6218
60 400	60 979	244.330	–28.820	1.92116	2.73921	9.6212
60 600	61 183	243.770	–29.380	1.86812	2.66970	9.6206
60 800	61 387	243.210	–29.940	1.81643	2.60180	9.6200
61 000	61 591	242.650	–30.500	1.76605 –1	2.53548 –4	9.6193
61 200	61 795	242.090	–31.060	1.71696	2.47070	9.6187
61 400	61 999	241.530	–31.620	1.66912	2.40744	9.6181
61 600	62 203	240.970	–32.180	1.62251	2.34565	9.6175
61 800	62 407	240.410	–32.740	1.57710	2.28531	9.6169
62 000	62 611	239.850	–33.300	1.53286	2.22638	9.6163
62 200	62 815	239.290	–33.860	1.48976	2.16885	9.6157
62 400	63 019	238.730	–34.420	1.44777	2.11267	9.6151
62 600	63 223	238.170	–34.980	1.40688	2.05782	9.6145
62 800	63 427	237.610	–35.540	1.36704	2.00427	9.6138
63 000	63 631	237.050	–36.100	1.32825 –1	1.95199 –4	9.6132
63 200	63 835	236.490	–36.660	1.29046	1.90095	9.6126
63 400	64 039	235.930	–37.220	1.25367	1.85114	9.6120
63 600	64 243	235.370	–37.780	1.21784	1.80251	9.6114
63 800	64 447	234.810	–38.340	1.18296	1.75505	9.6108
64 000	64 651	234.250	–38.900	1.14899	1.70874	9.6102
64 200	64 855	233.690	–39.460	1.11592	1.66353	9.6096
64 400	65 059	233.130	–40.020	1.08373	1.61942	9.6090
64 600	65 263	232.570	–40.580	1.05239	1.57638	9.6083
64 800	65 467	232.010	–41.140	1.02189	1.53438	9.6077
65 000	65 672	231.450	–41.700	9.92195 –2	1.49341 –4	9.6071
65 200	65 876	230.890	–42.260	9.63298	1.45343	9.6065
65 400	66 080	230.330	–42.820	9.35176	1.41443	9.6059
65 600	66 284	229.770	–43.380	9.07809	1.37638	9.6053
65 800	66 488	229.210	–43.940	8.81179	1.33927	9.6047
66 000	66 692	228.650	–44.500	8.55268	1.30307	9.6041
66 200	66 897	228.090	–45.060	8.30058	1.26777	9.6035
66 400	67 101	227.530	–45.620	8.05532	1.23334	9.6028
66 600	67 305	226.970	–46.180	7.81673	1.19976	9.6022
66 800	67 509	226.410	–46.740	7.58464	1.16702	9.6016
67 000	67 714	225.850	–47.300	7.35889 –2	1.13509 –4	9.6010
67 200	67 918	225.290	–47.860	7.13933	1.10396	9.6004
67 400	68 122	224.730	–48.420	6.92580	1.07561	9.5998
67 600	68 327	224.170	–48.980	6.71814	1.04402	9.5992
67 800	68 531	223.610	–49.540	6.51621	1.01518	9.5986
68 000	68 735	223.050	–50.100	6.31987	9.87061 –5	9.5980
68 200	68 940	222.490	–50.660	6.12898	9.59656	9.5974
68 400	69 144	221.930	–51.220	5.94339	9.32945	9.5967
68 600	69 348	221.370	–51.780	5.76297	9.06913	9.5961
68 800	69 553	220.810	–52.340	5.58759	8.81544	9.5955

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	*H* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
69 000	68 259	222.325	–50.825	6.07364 –2	9.51698 –5	9.5972
69 200	68 455	221.777	–51.373	5.89347	9.25749	9.5966
69 400	68 650	221.229	–51.921	5.71824	9.00448	9.5960
69 600	68 846	220.681	–52.469	5.54780	8.75780	9.5954
69 800	69 042	220.133	–53.017	5.38206	8.51730	9.5948
70 000	69 238	219.585	–53.565	5.22088	8.28284	9.5942
70 200	69 433	219.037	–54.113	5.06415	8.05429	9.5936
70 400	69 629	218.489	–54.661	4.91176	7.83151	9.5930
70 600	69 824	217.941	–55.209	4.76360	7.61437	9.5924
70 800	70 020	217.394	–55.756	4.61957	7.40274	9.5918
71 000	70 216	216.846	–56.304	4.47955 –2	7.19649 –5	9.5912
71 200	70 411	216.298	–56.852	4.34344	6.99551	9.5906
71 400	70 607	215.751	–57.399	4.21115	6.79965	9.5900
71 600	70 802	215.203	–57.947	4.08258	6.60882	9.5894
71 800	70 998	214.655	–58.495	3.95762	6.42289	9.5888
72 000	71 194	214.263	–58.887	3.83624	6.23730	9.5882
72 200	71 389	213.872	–59.278	3.71837	6.05672	9.5876
72 400	71 585	213.481	–59.669	3.60393	5.88106	9.5870
72 600	71 780	213.090	–60.060	3.49281	5.71020	9.5864
72 800	71 976	212.699	–60.451	3.38494	5.54401	9.5858
73 000	72 171	212.308	–60.842	3.28021 –2	5.38238 –5	9.5852
73 200	72 367	211.917	–61.233	3.17854	5.22518	9.5846
73 400	72 562	211.526	–61.624	3.07986	5.07230	9.5840
73 600	72 758	211.135	–62.015	2.98406	4.92364	9.5834
73 800	72 953	210.744	–62.406	2.89109	4.77908	9.5829
74 000	73 148	210.353	–62.797	2.80085	4.63852	9.5823
74 200	73 344	209.962	–63.188	2.71327	4.50184	9.5817
74 400	73 539	209.571	–63.579	2.62828	4.36896	9.5811
74 600	73 735	209.181	–63.969	2.54581	4.23978	9.5805
74 800	73 930	208.790	–64.360	2.46579	4.11419	9.5799
75 000	74 125	208.399	–64.751	2.38814 –2	3.99210 –5	9.5793
75 200	74 321	208.008	–65.142	2.31280	3.87342	9.5787
75 400	74 516	207.618	–65.532	2.23971	3.75807	9.5781
75 600	74 711	207.227	–65.923	2.16880	3.64595	9.5775
75 800	74 907	206.837	–66.313	2.10001	3.53698	9.5769
76 000	75 102	206.445	–66.704	2.03329	3.43108	9.5763
76 200	75 297	206.055	–67.095	1.96856	3.32816	9.5757
76 400	75 493	205.665	–67.485	1.90579	3.22815	9.5751
76 600	75 688	205.274	–67.876	1.84481	3.13097	9.5745
76 800	75 883	204.884	–68.266	1.78586	3.03654	9.5739
77 000	76 078	204.493	–68.657	1.72860 –2	2.94479 –5	9.5733
77 200	76 274	204.103	–69.047	1.67308	2.85566	9.5727
77 400	76 469	203.712	–69.438	1.61924	2.76906	9.5721
77 600	76 664	203.322	–69.828	1.56704	2.68494	9.5715
77 800	76 859	202.931	–70.219	1.51643	2.60322	9.5709
78 000	77 054	202.541	–70.609	1.46737	2.52385	9.5703
78 200	77 250	202.151	–70.999	1.41980	2.44675	9.5698
78 400	77 445	201.760	–71.390	1.37369	2.37187	9.5692
78 600	77 640	201.370	–71.780	1.32900	2.29915	9.5686
78 800	77 835	200.980	–72.170	1.28568	2.22853	9.5680
79 000	78 030	200.590	–72.560	1.24370 –2	2.15995 –5	9.5674
79 200	78 225	200.199	–72.951	1.20301	2.09336	9.5668
79 400	78 420	199.809	–73.341	1.16358	2.02870	9.5662
79 600	78 616	199.419	–73.731	1.12537	1.96592	9.5656
79 800	78 811	199.029	–74.121	1.08834	1.90497	9.5650
80 000	79 006	198.639	–74.511	1.05247	1.84580	9.5644

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	*h* (m)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
69 000	69 757	220.250	–52.900	5.41713 –2	8.56823 –5	9.5949
69 200	69 962	219.690	–53.460	5.25145	8.32735	9.5943
69 400	70 166	219.130	–54.020	5.09043	8.09265	9.5937
69 600	70 371	218.570	–54.580	4.93396	7.86399	9.5931
69 800	70 575	218.010	–55.140	4.78192	7.64124	9.5925
70 000	70 779	217.450	–55.700	4.63418	7.42424	9.5919
70 200	70 984	216.890	–56.260	4.49065	7.21287	9.5912
70 400	71 188	216.330	–56.820	4.35121	7.00699	9.5906
70 600	71 393	215.770	–57.380	4.21575	6.80648	9.5900
70 800	71 597	215.210	–57.940	4.08418	6.61121	9.5894
71 000	71 802	214.650	–58.500	3.95639 –2	6.42105 –5	9.5888
71 200	72 007	214.250	–58.900	3.83232	6.23130	9.5882
71 400	72 211	213.850	–59.300	3.71192	6.04683	9.5876
71 600	72 416	213.450	–59.700	3.59509	5.86748	9.5870
71 800	72 620	213.050	–60.100	3.48173	5.69313	9.5864
72 000	72 825	212.650	–60.500	3.37174	5.52365	9.5858
72 200	73 030	212.250	–60.900	3.26502	5.35891	9.5851
72 400	73 234	211.850	–61.300	3.16149	5.19879	9.5845
72 600	73 439	211.450	–61.700	3.06106	5.04316	9.5839
72 800	73 643	211.050	–62.100	2.96364	4.89191	9.5833
73 000	73 848	210.650	–62.500	2.86914 –2	4.74492 –5	9.5827
73 200	74 053	210.250	–62.900	2.77749	4.60208	9.5821
73 400	74 257	209.850	–63.300	2.68859	4.46328	9.5815
73 600	74 462	209.450	–63.700	2.60238	4.32841	9.5809
73 800	74 667	209.050	–64.100	2.51878	4.19737	9.5803
74 000	74 872	208.650	–64.500	2.43771	4.07006	9.5797
74 200	75 076	208.250	–64.900	2.35910	3.94638	9.5790
74 400	75 281	207.850	–65.300	2.28288	3.82623	9.5784
74 600	75 486	207.450	–65.700	2.20899	3.70952	9.5778
74 800	75 691	207.050	–66.100	2.13735	3.59615	9.5772
75 000	75 895	206.650	–66.500	2.06790 –2	3.48604 –5	9.5766
75 200	76 100	206.250	–66.900	2.00058	3.37909	9.5760
75 400	76 305	205.850	–67.300	1.93533	3.27523	9.5754
75 600	76 510	205.450	–67.700	1.87209	3.17437	9.5748
75 800	76 715	205.050	–68.100	1.81079	3.07643	9.5742
76 000	76 920	204.650	–68.500	1.75139	2.98132	9.5736
76 200	77 125	204.250	–68.900	1.69383	2.88898	9.5729
76 400	77 329	203.850	–69.300	1.63805	2.79933	9.5723
76 600	77 534	203.450	–69.700	1.58400	2.71229	9.5717
76 800	77 739	203.050	–70.100	1.53163	2.62779	9.5711
77 000	77 944	202.650	–70.500	1.48090 –2	2.54577 –5	9.5705
77 200	78 149	202.250	–70.900	1.43176	2.46615	9.5699
77 400	78 354	201.850	–71.300	1.38415	2.38887	9.5693
77 600	78 559	201.450	–71.700	1.33804	2.31387	9.5687
77 800	78 764	201.050	–72.100	1.29337	2.24108	9.5681
78 000	78 969	200.650	–72.500	1.25011	2.17044	9.5675
78 200	79 174	200.250	–72.900	1.20822	2.10190	9.5669
78 400	79 379	199.850	–73.300	1.16765	2.03538	9.5662
78 600	79 584	199.450	–73.700	1.12836	1.97085	9.5656
78 800	79 789	199.050	–74.100	1.09033	1.90824	9.5650
79 000	79 994	198.650	–74.500	1.05350 –2	1.84750 –5	9.5644
79 200	80 199	198.250	–74.900	1.01784	1.78857	9.5638
79 400	80 404	197.850	–75.300	9.83327 –3	1.73141	9.5632
79 600	80 609	197.450	–75.700	9.49915	1.67597	9.5626
79 800	80 815	197.050	–76.100	9.17574	1.62219	9.5620
80 000	81 020	196.650	–76.500	8.86272	1.57004	9.5614

TABLE 2

Ratio of p/P_0, ρ/ρ_0 and $\sqrt{\rho/\rho_0}$, speed of sound (a), dynamic (μ) and kinematic (υ) viscosity and thermal conductivity (λ) in terms of geometrical altitude (h) and geopotential altitude (H)
(altitudes in metres)

TABLEAU 2

Rapports p/P_0, ρ/ρ_0 et $\sqrt{\rho/\rho_0}$, vitesse du son (a), viscosité dynamique (μ) et cinématique (υ) et conductibilité thermique (λ) en fonction de l'altitude géométrique (h) et de l'altitude géopotentielle (H)
(altitudes en mètres)

TABLA 2

Relación de p/P_0, ρ/ρ_0 y $\sqrt{\rho/\rho_0}$, velocidad del sonido (a), viscosidad dinámica (μ) y cinemática (υ) y conductibilidad térmica (λ) en función de la altitud geométrica (h) y geopotencial (H)
(altitudes en metros)

ТАБЛИЦА 2

Отношения p/P_0, ρ/ρ_0 и $\sqrt{\rho/\rho_0}$, скорость звука (a), динамическая (μ) и кинематическая (υ) вязкость и теплопроводность (λ) в функции геометрической (h) и геопотенциальной (H) высот
(высоты в метрах)

VALUES IN TERMS OF GEOMETRICAL ALTITUDE
VALEURS EN FONCTION DE L'ALTITUDE GÉOMÉTRIQUE
VALORES EN FUNCIÓN DE LA ALTITUD GEOMÉTRICA
ЗНАЧЕНИЯ ПАРАМЕТРОВ В ФУНКЦИИ ГЕОМЕТРИЧЕСКОЙ ВЫСОТЫ

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
h (м)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (м/с)	μ (Па · с)	υ ($м^2/с$)	λ (Вт/(м · к))

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE
VALEURS EN FONCTION DE L'ALTITUDE GÉOPOTENTIELLE
VALORES EN FUNCIÓN DE LA ALTITUD GEOPOTENCIAL
ЗНАЧЕНИЯ ПАРАМЕТРОВ В ФУНКЦИИ ГЕОПОТЕНЦИАЛЬНОЙ ВЫСОТЫ

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
H (м)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (м/с)	μ (Па · с)	υ ($м^2/с$)	λ (Вт/(м · к))

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
–5 000	1.75437 +0	1.57643 +0	1.25556 +0	358.986	1.9422 –5	1.0058 –5	2.7861 –2
–4 950	1.74503	1.56963	1.25285	358.804	1.9407	1.0093	2.7836
–4 900	1.73573	1.56285	1.25014	358.622	1.9393	1.0129	2.7811
–4 850	1.72647	1.55610	1.24744	358.439	1.9378	1.0165	2.7786
–4 800	1.71726	1.54937	1.24474	358.257	1.9363	1.0202	2.7762
–4 750	1.70808	1.54266	1.24204	358.074	1.9348	1.0238	2.7737
–4 700	1.69894	1.53597	1.23934	357.892	1.9333	1.0275	2.7712
–4 650	1.68984	1.52931	1.23665	357.709	1.9318	1.0312	2.7687
–4 600	1.68078	1.52267	1.23397	357.526	1.9303	1.0349	2.7662
–4 550	1.67176	1.51605	1.23128	357.343	1.9288	1.0386	2.7637
–4 500	1.66278 +0	1.50945 +0	1.22860 +0	357.160	1.9273 –5	1.0423 –5	2.7613 –2
–4 450	1.65384	1.50287	1.22592	356.977	1.9258	1.0461	2.7588
–4 400	1.64494	1.49632	1.22324	356.793	1.9243	1.0498	2.7563
–4 350	1.63607	1.48979	1.22057	356.610	1.9228	1.0536	2.7538
–4 300	1.62725	1.48328	1.21790	356.427	1.9213	1.0574	2.7513
–4 250	1.61846	1.47679	1.21523	356.243	1.9198	1.0612	2.7488
–4 200	1.60972	1.47032	1.21257	356.060	1.9183	1.0650	2.7463
–4 150	1.60101	1.46388	1.20991	355.876	1.9168	1.0689	2.7438
–4 100	1.59234	1.45746	1.20725	355.692	1.9153	1.0728	2.7413
–4 050	1.58371	1.45106	1.20460	355.508	1.9138	1.0766	2.7388
–4 000	1.57511 +0	1.44468 +0	1.20195 +0	355.324	1.9123 –5	1.0805 –5	2.7363 –2
–3 950	1.56656	1.43832	1.19930	355.140	1.9108	1.0845	2.7338
–3 900	1.55804	1.43198	1.19665	354.956	1.9093	1.0884	2.7313
–3 850	1.54956	1.42567	1.19401	354.772	1.9078	1.0924	2.7288
–3 800	1.54112	1.41938	1.19138	354.587	1.9063	1.0963	2.7264
–3 750	1.53271	1.41310	1.18874	354.403	1.9047	1.1003	2.7239
–3 700	1.52434	1.40685	1.18611	354.218	1.9032	1.1044	2.7214
–3 650	1.51601	1.40062	1.18348	354.034	1.9017	1.1084	2.7189
–3 600	1.50772	1.39442	1.18086	353.849	1.9002	1.1124	2.7164
–3 550	1.49946	1.38823	1.17823	353.664	1.8987	1.1165	2.7139
–3 500	1.49124 +0	1.38206 +0	1.17561 +0	353.479	1.8972 –5	1.1206 –5	2.7113 –2
–3 450	1.48306	1.37592	1.17300	353.294	1.8957	1.1247	2.7088
–3 400	1.47491	1.36979	1.17038	353.109	1.8942	1.1288	2.7063
–3 350	1.46680	1.36369	1.16777	352.924	1.8926	1.1330	2.7038
–3 300	1.45872	1.35761	1.16517	352.739	1.8911	1.1371	2.7013
–3 250	1.45069	1.35155	1.16256	352.553	1.8896	1.1413	2.6988
–3 200	1.44268	1.34551	1.15996	352.368	1.8881	1.1455	2.6963
–3 150	1.43472	1.33949	1.15736	352.182	1.8866	1.1497	2.6938
–3 100	1.42679	1.33349	1.15477	351.997	1.8851	1.1540	2.6913
–3 050	1.41889	1.32751	1.15218	351.811	1.8835	1.1582	2.6888
–3 000	1.41103 +0	1.32156 +0	1.14959 +0	351.625	1.8820 –5	1.1625 –5	2.6863 –2
–2 950	1.40321	1.31562	1.14700	351.439	1.8805	1.1668	2.6838
–2 900	1.39542	1.30970	1.14442	351.253	1.8790	1.1712	2.6813
–2 850	1.38767	1.30381	1.14184	351.067	1.8775	1.1755	2.6787
–2 800	1.37995	1.29793	1.13927	350.881	1.8759	1.1799	2.6762
–2 750	1.37226	1.29208	1.13670	350.694	1.8744	1.1842	2.6737
–2 700	1.36462	1.28624	1.13413	350.508	1.8729	1.1886	2.6712
–2 650	1.35700	1.28043	1.13156	350.322	1.8714	1.1931	2.6687
–2 600	1.34942	1.27463	1.12900	350.135	1.8698	1.1975	2.6662
–2 550	1.34188	1.26886	1.12644	349.948	1.8683	1.2020	2.6637
–2 500	1.33437 +0	1.26311 +0	1.12388 +0	349.761	1.8668 –5	1.2065 –5	2.6611 –2
–2 450	1.32689	1.25737	1.12133	349.574	1.8652	1.2110	2.6586
–2 400	1.31945	1.25166	1.11878	349.387	1.8637	1.2155	2.6561
–2 350	1.31204	1.24596	1.11623	349.200	1.8622	1.2201	2.6536
–2 300	1.30466	1.24029	1.11368	349.013	1.8607	1.2246	2.6511
–2 250	1.29732	1.23464	1.11114	348.826	1.8591	1.2292	2.6485
–2 200	1.29002	1.22900	1.10860	348.638	1.8576	1.2338	2.6460
–2 150	1.28274	1.22339	1.10607	348.451	1.8561	1.2385	2.6435
–2 100	1.27550	1.21779	1.10354	348.263	1.8545	1.2431	2.6410
–2 050	1.26829	1.21222	1.10101	348.076	1.8530	1.2478	2.6385

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
–5 000	1.75364 +0	1.57589 +0	1.25534 +0	358.972	1.9421 –5	1.0060 –5	2.7859 –2
–4 950	1.74431	1.56911	1.25264	358.790	1.9406	1.0096	2.7834
–4 900	1.73503	1.56234	1.24994	358.608	1.9391	1.0132	2.7809
–4 850	1.72579	1.55560	1.24724	358.426	1.9377	1.0168	2.7785
–4 800	1.71659	1.54888	1.24454	358.244	1.9362	1.0204	2.7760
–4 750	1.70743	1.54218	1.24185	358.061	1.9347	1.0241	2.7735
–4 700	1.69831	1.53551	1.23916	357.879	1.9332	1.0277	2.7710
–4 650	1.68922	1.52886	1.23647	357.696	1.9317	1.0314	2.7685
–4 600	1.68018	1.52222	1.23378	357.514	1.9302	1.0351	2.7661
–4 550	1.67117	1.51562	1.23111	357.331	1.9287	1.0388	2.7636
–4 500	1.66221 +0	1.50903 +0	1.22843 +0	357.148	1.9272 –5	1.0425 –5	2.7611 –2
–4 450	1.65328	1.50246	1.22575	356.965	1.9257	1.0463	2.7586
–4 400	1.64440	1.49592	1.22308	356.782	1.9242	1.0500	2.7561
–4 350	1.63555	1.48940	1.22041	356.599	1.9227	1.0538	2.7536
–4 300	1.62674	1.48290	1.21774	356.416	1.9212	1.0576	2.7512
–4 250	1.61797	1.47642	1.21508	356.233	1.9197	1.0614	2.7487
–4 200	1.60923	1.46997	1.21242	356.049	1.9182	1.0653	2.7462
–4 150	1.60054	1.46353	1.20976	355.866	1.9167	1.0691	2.7437
–4 100	1.59188	1.45712	1.20711	355.682	1.9152	1.0730	2.7412
–4 050	1.58326	1.45073	1.20446	355.499	1.9137	1.0768	2.7387
–4 000	1.57468 +0	1.44436 +0	1.20182 +0	355.315	1.9122 –5	1.0807 –5	2.7362 –2
–3 950	1.56614	1.43801	1.19917	355.131	1.9107	1.0847	2.7337
–3 900	1.55763	1.43168	1.19653	354.947	1.9092	1.0886	2.7312
–3 850	1.54916	1.42537	1.19389	354.763	1.9077	1.0926	2.7287
–3 800	1.54073	1.41909	1.19126	354.579	1.9062	1.0965	2.7262
–3 750	1.53234	1.41283	1.18863	354.395	1.9047	1.1005	2.7237
–3 700	1.52398	1.40658	1.18599	354.210	1.9032	1.1045	2.7212
–3 650	1.51566	1.40036	1.18337	354.026	1.9017	1.1086	2.7187
–3 600	1.50738	1.39416	1.18075	353.842	1.9002	1.1126	2.7163
–3 550	1.49913	1.38798	1.17813	353.657	1.8986	1.1167	2.7138
–3 500	1.49092 +0	1.38183 +0	1.17551 +0	353.472	1.8971 –5	1.1207 –5	2.7113 –2
–3 450	1.48275	1.37569	1.17290	353.287	1.8956	1.1249	2.7088
–3 400	1.47461	1.36957	1.17029	353.103	1.8941	1.1290	2.7063
–3 350	1.46651	1.36348	1.16768	352.918	1.8926	1.1331	2.7037
–3 300	1.45845	1.35740	1.16508	352.732	1.8911	1.1373	2.7012
–3 250	1.45042	1.35135	1.16248	352.547	1.8896	1.1415	2.6987
–3 200	1.44243	1.34532	1.15988	352.362	1.8880	1.1457	2.6962
–3 150	1.43447	1.33930	1.15728	352.177	1.8865	1.1499	2.6937
–3 100	1.42655	1.33331	1.15469	351.991	1.8850	1.1541	2.6912
–3 050	1.41866	1.32734	1.15210	351.806	1.8835	1.1584	2.6887
–3 000	1.41081 +0	1.32139 +0	1.14952 +0	351.620	1.8820 –5	1.1626 –5	2.6862 –2
–2 950	1.40299	1.31546	1.14694	351.434	1.8805	1.1669	2.6837
–2 900	1.39521	1.30955	1.14436	351.248	1.8789	1.1713	2.6812
–2 850	1.38747	1.30366	1.14178	351.062	1.8774	1.1756	2.6787
–2 800	1.37976	1.29779	1.13921	350.876	1.8759	1.1800	2.6762
–2 750	1.37208	1.29194	1.13664	350.690	1.8744	1.1843	2.6737
–2 700	1.36444	1.28611	1.13407	350.504	1.8728	1.1887	2.6712
–2 650	1.35683	1.28030	1.13150	350.317	1.8713	1.1932	2.6686
–2 600	1.34926	1.27451	1.12894	350.131	1.8698	1.1976	2.6661
–2 550	1.34172	1.26874	1.12638	349.944	1.8683	1.2021	2.6636
–2 500	1.33422 +0	1.26299 +0	1.12383 +0	349.758	1.8667 –5	1.2066 –5	2.6611 –2
–2 450	1.32675	1.25726	1.12128	349.571	1.8652	1.2111	2.6586
–2 400	1.31931	1.25156	1.11873	349.384	1.8637	1.2156	2.6561
–2 350	1.31191	1.24587	1.11619	349.197	1.8622	1.2201	2.6535
–2 300	1.30454	1.24020	1.11364	349.010	1.8606	1.2247	2.6510
–2 250	1.29721	1.23455	1.11110	348.823	1.8591	1.2293	2.6485
–2 200	1.28990	1.22892	1.10857	348.636	1.8576	1.2339	2.6460
–2 150	1.28264	1.22331	1.10603	348.448	1.8560	1.2386	2.6435
–2 100	1.27540	1.21772	1.10350	348.261	1.8545	1.2432	2.6409
–2 050	1.26820	1.21215	1.10098	348.073	1.8530	1.2479	2.6384

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
–2 000	1.26112 +0	1.20666 +0	1.09848 +0	347.888	1.8515 –5	1.2525 –5	2.6359 –2
–1 950	1.25398	1.20113	1.09596	347.700	1.8499	1.2573	2.6334
–1 900	1.24687	1.19561	1.09344	347.512	1.8484	1.2620	2.6309
–1 850	1.23979	1.19011	1.09092	347.324	1.8468	1.2668	2.6283
–1 800	1.23275	1.18464	1.08841	347.136	1.8453	1.2716	2.6258
–1 750	1.22574	1.17918	1.08590	346.948	1.8438	1.2764	2.6233
–1 700	1.21876	1.17374	1.08339	346.759	1.8422	1.2813	2.6208
–1 650	1.21182	1.16832	1.08089	346.571	1.8407	1.2861	2.6182
–1 600	1.20490	1.16292	1.07839	346.382	1.8391	1.2910	2.6157
–1 550	1.19802	1.15754	1.07589	346.193	1.8376	1.2959	2.6132
–1 500	1.19117 +0	1.15218 +0	1.07340 +0	346.005	1.8361 –5	1.3009 –5	2.6106 –2
–1 450	1.18436	1.14684	1.07091	345.816	1.8345	1.3058	2.6081
–1 400	1.17757	1.14151	1.06841	345.627	1.8330	1.3108	2.6056
–1 350	1.17082	1.13621	1.06593	345.438	1.8314	1.3158	2.6030
–1 300	1.16409	1.13092	1.06345	345.249	1.8299	1.3208	2.6005
–1 250	1.15740	1.12566	1.06097	345.059	1.8283	1.3259	2.5980
–1 200	1.15074	1.12041	1.05849	344.870	1.8268	1.3310	2.5954
–1 150	1.14411	1.11518	1.05602	344.680	1.8252	1.3361	2.5929
–1 100	1.13752	1.10997	1.05355	344.491	1.8237	1.3412	2.5903
–1 050	1.13095	1.10478	1.05109	344.301	1.8221	1.3464	2.5878
–1 000	1.12441 +0	1.09961 +0	1.04862 +0	344.111	1.8206 –5	1.3516 –5	2.5853 –2
–950	1.11791	1.09445	1.04616	343.921	1.8190	1.3568	2.5827
–900	1.11143	1.08932	1.04370	343.731	1.8175	1.3620	2.5802
–850	1.10499	1.08420	1.04125	343.541	1.8159	1.3673	2.5776
–800	1.09858	1.07910	1.03880	343.351	1.8144	1.3725	2.5751
–750	1.09219	1.07402	1.03635	343.161	1.8128	1.3779	2.5725
–700	1.08584	1.06896	1.03391	342.970	1.8113	1.3832	2.5700
–650	1.07952	1.06392	1.03146	342.780	1.8097	1.3886	2.5675
–600	1.07322	1.05889	1.02902	342.589	1.8081	1.3939	2.5649
–550	1.06696	1.05388	1.02659	342.399	1.8066	1.3994	2.5624
–500	1.06073 +0	1.04889 +0	1.02415 +0	342.208	1.8050 –5	1.4048 –5	2.5598 –2
–450	1.05452	1.04392	1.02172	342.017	1.8035	1.4103	2.5573
–400	1.04835	1.03897	1.01930	341.826	1.8019	1.4158	2.5547
–350	1.04220	1.03404	1.01688	341.635	1.8003	1.4213	2.5522
–300	1.03609	1.02912	1.01446	341.444	1.7988	1.4268	2.5496
–250	1.03000	1.02422	1.01204	341.252	1.7972	1.4324	2.5471
–200	1.02394	1.01934	1.00962	341.061	1.7956	1.4380	2.5445
–150	1.01791	1.01448	1.00721	340.869	1.7941	1.4437	2.5419
–100	1.01191	1.00964	1.00481	340.678	1.7925	1.4493	2.5394
–50	1.00594	1.00481	1.00240	340.486	1.7909	1.4550	2.5368
0	1.00000 +0	1.00000 +0	1.00000 +0	340.294	1.7894 –5	1.4607 –5	2.5343 –2
50	9.94086 –1	9.95208 –1	9.97601 –1	340.102	1.7878	1.4665	2.5317
100	9.88200	9.90435	9.95206	339.910	1.7862	1.4722	2.5292
150	9.82343	9.85679	9.92814	339.718	1.7847	1.4780	2.5266
200	9.76515	9.80940	9.90424	339.526	1.7831	1.4839	2.5241
250	9.70714	9.76219	9.88038	339.333	1.7815	1.4897	2.5215
300	9.64941	9.71516	9.85655	339.141	1.7800	1.4956	2.5189
350	9.59197	9.66830	9.83275	338.948	1.7784	1.5015	2.5164
400	9.53480	9.62161	9.80898	338.755	1.7768	1.5075	2.5138
450	9.47791	9.57510	9.78524	338.563	1.7752	1.5135	2.5112
500	9.42129 –1	9.52876 –1	9.76154 –1	338.370	1.7737 –5	1.5195 –5	2.5087 –2
550	9.36495	9.48259	9.73786	338.177	1.7721	1.5255	2.5061
600	9.30888	9.43659	9.71421	337.983	1.7705	1.5316	2.5035
650	9.25309	9.39077	9.69060	337.790	1.7689	1.5377	2.5010
700	9.19757	9.34512	9.66702	337.597	1.7673	1.5438	2.4984
750	9.14232	9.29963	9.64346	337.403	1.7658	1.5500	2.4958
800	9.08734	9.25432	9.61994	337.210	1.7642	1.5562	2.4933
850	9.03263	9.20918	9.59645	337.016	1.7626	1.5624	2.4907
900	8.97818	9.16421	9.57299	336.822	1.7610	1.5687	2.4881
950	8.92401	9.11940	9.54955	336.629	1.7594	1.5750	2.4856

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
–2 000	1.26103 +0	1.20659 +0	1.09845 +0	347.886	1.8514 –5	1.2526 –5	2.6359 –2
–1 950	1.25389	1.20106	1.09593	347.698	1.8499	1.2573	2.6334
–1 900	1.24679	1.19555	1.09341	347.510	1.8484	1.2621	2.6308
–1 850	1.23972	1.19006	1.09090	347.322	1.8468	1.2668	2.6283
–1 800	1.23268	1.18458	1.08838	347.134	1.8453	1.2716	2.6258
–1 750	1.22567	1.17913	1.08588	346.946	1.8438	1.2765	2.6233
–1 700	1.21870	1.17369	1.08337	346.757	1.8422	1.2813	2.6207
–1 650	1.21176	1.16828	1.08087	346.569	1.8407	1.2862	2.6182
–1 600	1.20485	1.16288	1.07837	346.381	1.8391	1.2910	2.6157
–1 550	1.19797	1.15750	1.07587	346.192	1.8376	1.2960	2.6131
–1 500	1.19113 +0	1.15214 +0	1.07338 +0	346.003	1.8360 –5	1.3009 –5	2.6106 –2
–1 450	1.18431	1.14680	1.07089	345.814	1.8345	1.3059	2.6081
–1 400	1.17753	1.14148	1.06840	345.626	1.8330	1.3108	2.6055
–1 350	1.17078	1.13618	1.06592	345.437	1.8314	1.3158	2.6030
–1 300	1.16406	1.13089	1.06343	345.248	1.8299	1.3209	2.6005
–1 250	1.15737	1.12563	1.06096	345.058	1.8283	1.3259	2.5979
–1 200	1.15071	1.12038	1.05848	344.869	1.8268	1.3310	2.5954
–1 150	1.14409	1.11516	1.05601	344.680	1.8252	1.3361	2.5929
–1 100	1.13749	1.10995	1.05354	344.490	1.8237	1.3412	2.5903
–1 050	1.13093	1.10476	1.05108	344.300	1.8221	1.3464	2.5878
–1 000	1.12439 +0	1.09959 +0	1.04861 +0	344.111	1.8206 –5	1.3516 –5	2.5853 –2
–950	1.11789	1.09444	1.04615	343.921	1.8190	1.3568	2.5827
–900	1.11142	1.08930	1.04370	343.731	1.8175	1.3620	2.5802
–850	1.10498	1.08419	1.04124	343.541	1.8159	1.3673	2.5776
–800	1.09856	1.07909	1.03879	343.351	1.8144	1.3726	2.5751
–750	1.09218	1.07401	1.03634	343.161	1.8128	1.3779	2.5725
–700	1.08583	1.06895	1.03390	342.970	1.8113	1.3832	2.5700
–650	1.07951	1.06391	1.03146	342.780	1.8097	1.3886	2.5674
–600	1.07322	1.05888	1.02902	342.589	1.8081	1.3939	2.5649
–550	1.06695	1.05388	1.02659	342.398	1.8066	1.3994	2.5624
–500	1.06072 +0	1.04889 +0	1.02415 +0	342.208	1.8050 –5	1.4048 –5	2.5598 –2
–450	1.05452	1.04392	1.02172	342.017	1.8035	1.4103	2.5573
–400	1.04834	1.03897	1.01930	341.826	1.8019	1.4158	2.5547
–350	1.04220	1.03404	1.01688	341.635	1.8003	1.4213	2.5522
–300	1.03608	1.02912	1.01446	341.443	1.7988	1.4268	2.5496
–250	1.03000	1.02422	1.01204	341.252	1.7972	1.4324	2.5471
–200	1.02394	1.01934	1.00962	341.061	1.7956	1.4380	2.5445
–150	1.01791	1.01448	1.00721	340.869	1.7941	1.4437	2.5419
–100	1.01191	1.00964	1.00481	340.678	1.7925	1.4493	2.5394
–50	1.00594	1.00481	1.00240	340.486	1.7909	1.4550	2.5368
0	1.00000 +0	1.00000 +0	1.00000 +0	340.294	1.7894 –5	1.4607 –5	2.5343 –2
50	9.94086 –1	9.95208 –1	9.97601 –1	340.102	1.7878	1.4665	2.5317
100	9.88200	9.90434	9.95206	339.910	1.7862	1.4722	2.5292
150	9.82343	9.85678	9.92813	339.718	1.7847	1.4780	2.5266
200	9.76514	9.80940	9.90424	339.526	1.7831	1.4839	2.5241
250	9.70713	9.76218	9.88037	339.333	1.7815	1.4897	2.5215
300	9.64940	9.71514	9.85654	339.141	1.7800	1.4956	2.5189
350	9.59195	9.66828	9.83274	338.948	1.7784	1.5016	2.5164
400	9.53477	9.62159	9.80897	338.755	1.7768	1.5075	2.5138
450	9.47787	9.57507	9.78523	338.562	1.7752	1.5135	2.5112
500	9.42125 –1	9.52872 –1	9.76152 –1	338.369	1.7737 –5	1.5195 –5	2.5087 –2
550	9.36490	9.48255	9.73784	338.176	1.7721	1.5255	2.5061
600	9.30882	9.43654	9.71419	337.983	1.7705	1.5316	2.5035
650	9.25302	9.39071	9.69057	337.790	1.7689	1.5377	2.5010
700	9.19748	9.34505	9.66698	337.597	1.7673	1.5438	2.4984
750	9.14222	9.29955	9.64342	337.403	1.7658	1.5500	2.4958
800	9.08723	9.25423	9.61989	337.210	1.7642	1.5562	2.4933
850	9.03250	9.20908	9.59640	337.016	1.7626	1.5624	2.4907
900	8.97804	9.16409	9.57293	336.822	1.7610	1.5687	2.4881
950	8.92385	9.11928	9.54949	336.628	1.7594	1.5750	2.4856

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
1 000	8.87010 –1	9.07477 –1	9.52616 –1	336.435	1.7579 –5	1.5813 –5	2.4830 –2
1 050	8.81645	9.03030	9.50279	336.240	1.7563	1.5876	2.4804
1 100	8.76307	8.98601	9.47945	336.046	1.7547	1.5940	2.4779
1 150	8.70995	8.94187	9.45615	335.852	1.7531	1.6004	2.4753
1 200	8.65709	8.89791	9.43287	335.658	1.7515	1.6069	2.4727
1 250	8.60450	8.85411	9.40963	335.463	1.7499	1.6134	2.4701
1 300	8.55216	8.81047	9.38641	335.268	1.7483	1.6199	2.4675
1 350	8.50008	8.76700	9.36323	335.074	1.7467	1.6264	2.4650
1 400	8.44826	8.72370	9.34008	334.879	1.7451	1.6330	2.4624
1 450	8.39670	8.68056	9.31695	334.684	1.7436	1.6396	2.4598
1 500	8.34539 –1	8.63759 –1	9.29386 –1	334.489	1.7420 –5	1.6463 –5	2.4572–2
1 550	8.29434	8.59478	9.27080	334.293	1.7404	1.6530	2.4547
1 600	8.24354	8.55213	9.24777	334.098	1.7388	1.6597	2.4521
1 650	8.19299	8.50964	9.22477	333.903	1.7372	1.6665	2.4495
1 700	8.14270	8.46732	9.20180	333.707	1.7356	1.6733	2.4469
1 750	8.09266	8.42516	9.17887	333.512	1.7340	1.6801	2.4443
1 800	8.04287	8.38316	9.15596	333.316	1.7324	1.6869	2.4417
1 850	7.99332	8.34132	9.13308	333.120	1.7308	1.6938	2.4392
1 900	7.94403	8.29964	9.11024	332.924	1.7292	1.7008	2.4366
1 950	7.89498	8.25812	9.08742	332.728	1.7276	1.7077	2.4340
2 000	7.84618 –1	8.21676 –1	9.06464 –1	332.532	1.7260 –5	1.7147 –5	2.4314 –2
2 050	7.79762	8.17557	9.04188	332.335	1.7244	1.7218	2.4288
2 100	7.74931	8.13453	9.01916	332.139	1.7228	1.7289	2.4262
2 150	7.70124	8.09364	8.99647	331.942	1.7212	1.7360	2.4236
2 200	7.65342	8.05292	8.97381	331.746	1.7196	1.7431	2.4210
2 250	7.60583	8.01235	8.95118	331.549	1.7180	1.7503	2.4184
2 300	7.55849	7.97195	8.92857	331.352	1.7164	1.7575	2.4159
2 350	7.51139	7.93169	8.90601	331.155	1.7147	1.7648	2.4133
2 400	7.46452	7.89160	8.88347	330.958	1.7131	1.7721	2.4107
2 450	7.41789	7.85166	8.86096	330.761	1.7115	1.7795	2.4081
2 500	7.37150 –1	7.81187 –1	8.83848 –1	330.563	1.7099 –5	1.7868 –5	2.4055 –2
2 550	7.32535	7.77224	8.81603	330.366	1.7083	1.7943	2.4029
2 600	7.27943	7.73277	8.79362	330.168	1.7067	1.8017	2.4003
2 650	7.23374	7.69345	8.77123	329.971	1.7051	1.8092	2.3977
2 700	7.18829	7.65428	8.74887	329.773	1.7035	1.8167	2.3951
2 750	7.14307	7.61527	8.72655	329.575	1.7019	1.8243	2.3925
2 800	7.09808	7.57641	8.70426	329.377	1.7002	1.8319	2.3899
2 850	7.05332	7.53770	8.68199	329.179	1.6986	1.8396	2.3873
2 900	7.00879	7.49914	8.65976	328.980	1.6970	1.8473	2.3847
2 950	6.96449	7.46074	8.63756	328.782	1.6954	1.8550	2.3821
3 000	6.92042 –1	7.42248 –1	8.61538 –1	328.584	1.6938 –5	1.8628 –5	2.3795 –2
3 050	6.87657	7.38438	8.59324	328.385	1.6921	1.8706	2.3769
3 100	6.83295	7.34643	8.57113	328.186	1.6905	1.8785	2.3743
3 150	6.78956	7.30863	8.54905	327.987	1.6889	1.8864	2.3717
3 200	6.74639	7.27097	8.52700	327.788	1.6873	1.8943	2.3691
3 250	6.70344	7.23347	8.50498	327.589	1.6857	1.9023	2.3665
3 300	6.66071	7.19612	8.48299	327.390	1.6840	1.9104	2.3638
3 350	6.61821	7.15891	8.46104	327.191	1.6824	1.9184	2.3612
3 400	6.57593	7.12185	8.43911	326.991	1.6808	1.9266	2.3586
3 450	6.53386	7.08494	8.41721	326.792	1.6792	1.9347	2.3560
3 500	6.49202 –1	7.04818 –1	8.39534 –1	326.592	1.6775 –5	1.9429 –5	2.3534 –2
3 550	6.45039	7.01156	8.37351	326.392	1.6759	1.9512	2.3508
3 600	6.40898	6.97509	8.35170	326.192	1.6743	1.9595	2.3482
3 650	6.36779	6.93877	8.32993	325.992	1.6726	1.9678	2.3456
3 700	6.32681	6.90259	8.30818	325.792	1.6710	1.9762	2.3430
3 750	6.28604	6.86655	8.28647	325.592	1.6694	1.9846	2.3403
3 800	6.24549	6.83066	8.26478	325.392	1.6677	1.9931	2.3377
3 850	6.20516	6.79492	8.24313	325.191	1.6661	2.0016	2.3351
3 900	6.16503	6.75932	8.22151	324.990	1.6645	2.0102	2.3325
3 950	6.12512	6.72386	8.19991	324.790	1.6628	2.0188	2.3299

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
1 000	8.86993 –1	9.07463 –1	9.52609 –1	336.434	1.7578 –5	1.5813 –5	2.4830 –2
1 050	8.81627	9.03015	9.50271	336.240	1.7563	1.5877	2.4804
1 100	8.76287	8.98584	9.47937	336.046	1.7547	1.5940	2.4778
1 150	8.70973	8.94169	9.45605	335.851	1.7531	1.6005	2.4753
1 200	8.65685	8.89771	9.43277	335.657	1.7515	1.6069	2.4727
1 250	8.60424	8.85389	9.40951	335.462	1.7499	1.6134	2.4701
1 300	8.55188	8.81024	9.38629	335.267	1.7483	1.6199	2.4675
1 350	8.49978	8.76676	9.36310	335.072	1.7467	1.6265	2.4650
1 400	8.44794	8.72343	9.33993	334.878	1.7451	1.6331	2.4624
1 450	8.39636	8.68028	9.31680	334.682	1.7435	1.6397	2.4598
1 500	8.34503 –1	8.63728 –1	9.29370 –1	334.487	1.7419 –5	1.6463 –5	2.4572 –2
1 550	8.29395	8.59445	9.27063	334.292	1.7404	1.6530	2.4546
1 600	8.24313	8.55178	9.24759	334.097	1.7388	1.6598	2.4521
1 650	8.19256	8.50928	9.22457	333.901	1.7372	1.6665	2.4495
1 700	8.14225	8.46694	9.20160	333.705	1.7356	1.6733	2.4469
1 750	8.09218	8.42475	9.17864	333.510	1.7340	1.6801	2.4443
1 800	8.04236	8.38273	9.15573	333.314	1.7324	1.6870	2.4417
1 850	7.99279	8.34087	9.13284	333.118	1.7308	1.6939	2.4391
1 900	7.94347	8.29917	9.10998	332.922	1.7292	1.7008	2.4365
1 950	7.89440	8.25763	9.08715	332.725	1.7276	1.7078	2.4340
2 000	7.84557 –1	8.21624 –1	9.06435 –1	332.529	1.7260 –5	1.7148 –5	2.4314 –2
2 050	7.79698	8.17502	9.04158	332.333	1.7244	1.7219	2.4288
2 100	7.74864	8.13396	9.01885	332.136	1.7228	1.7290	2.4262
2 150	7.70055	8.09305	8.99614	331.939	1.7211	1.7361	2.4236
2 200	7.65269	8.05230	8.97346	331.743	1.7195	1.7432	2.4210
2 250	7.60508	8.01171	8.95082	331.546	1.7179	1.7504	2.4184
2 300	7.55770	7.97127	8.92820	331.349	1.7163	1.7577	2.4158
2 350	7.51057	7.93100	8.90561	331.152	1.7147	1.7649	2.4132
2 400	7.46367	7.89087	8.88306	330.954	1.7131	1.7722	2.4106
2 450	7.41701	7.85090	8.86053	330.757	1.7115	1.7796	2.4080
2 500	7.37059 –1	7.81109 –1	8.83804 –1	330.559	1.7099 –5	1.7870 –5	2.4054 –2
2 550	7.32441	7.77143	8.81557	330.362	1.7083	1.7944	2.4028
2 600	7.27845	7.73193	8.79314	330.164	1.7067	1.8019	2.4002
2 650	7.23273	7.69258	8.77074	329.966	1.7050	1.8094	2.3976
2 700	7.18725	7.65338	8.74836	329.768	1.7034	1.8169	2.3950
2 750	7.14200	7.61434	8.72602	329.570	1.7018	1.8245	2.3924
2 800	7.09697	7.57545	8.70371	329.372	1.7002	1.8321	2.3898
2 850	7.05218	7.53671	8.68142	329.174	1.6986	1.8398	2.3872
2 900	7.00762	7.49812	8.65917	328.975	1.6970	1.8475	2.3846
2 950	6.96328	7.45969	8.63695	328.777	1.6953	1.8552	2.3820
3 000	6.91917 –1	7.42140 –1	8.61476 –1	328.578	1.6937 –5	1.8630 –5	2.3794 –2
3 050	6.87529	7.38327	8.59259	328.379	1.6921	1.8709	2.3768
3 100	6.83164	7.34528	8.57046	328.180	1.6905	1.8787	2.3742
3 150	6.78821	7.30745	8.54836	327.981	1.6889	1.8866	2.3716
3 200	6.74500	7.26976	8.52629	327.782	1.6872	1.8946	2.3690
3 250	6.70202	7.23223	8.50425	327.583	1.6856	1.9026	2.3664
3 300	6.65925	7.19484	8.48224	327.383	1.6840	1.9106	2.3638
3 350	6.61671	7.15760	8.46026	327.184	1.6823	1.9187	2.3611
3 400	6.57439	7.12051	8.43831	326.984	1.6807	1.9269	2.3585
3 450	6.53229	7.08356	8.41639	326.784	1.6791	1.9350	2.3559
3 500	6.49041 –1	7.04676 –1	8.39450 –1	326.584	1.6775 –5	1.9432 –5	2.3533 –2
3 550	6.44874	7.01011	8.37264	326.384	1.6758	1.9515	2.3507
3 600	6.40730	6.97361	8.35081	326.184	1.6742	1.9598	2.3481
3 650	6.36606	6.93725	8.32901	325.984	1.6726	1.9682	2.3455
3 700	6.32505	6.90103	8.30724	325.784	1.6709	1.9766	2.3428
3 750	6.28425	6.86496	8.28551	325.583	1.6693	1.9850	2.3402
3 800	6.24366	6.82904	8.26380	325.382	1.6677	1.9935	2.3376
3 850	6.20328	6.79325	8.24212	325.182	1.6660	2.0020	2.3350
3 900	6.16311	6.75762	8.22047	324.981	1.6644	2.0106	2.3324
3 950	6.12316	6.72212	8.19885	324.780	1.6627	2.0192	2.3297

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
4 000	6.08541 –1	6.68854 –1	8.17835 –1	324.589	1.6612 –5	2.0275 –5	2.3273 –2
4 050	6.04592	6.65337	8.15682	324.388	1.6596	2.0362	2.3246
4 100	6.00663	6.61834	8.13532	324.187	1.6579	2.0449	2.3220
4 150	5.96755	6.58345	8.11385	323.985	1.6563	2.0537	2.3194
4 200	5.92868	6.54871	8.09241	323.784	1.6546	2.0626	2.3168
4 250	5.89001	6.51410	8.07100	323.583	1.6530	2.0715	2.3141
4 300	5.85155	6.47963	8.04962	323.381	1.6513	2.0804	2.3115
4 350	5.81329	6.44531	8.02827	323.179	1.6497	2.0894	2.3089
4 400	5.77524	6.41112	8.00695	322.977	1.6481	2.0985	2.3063
4 450	5.73738	6.37708	7.98566	322.775	1.6464	2.1076	2.3037
4 500	5.69973 –1	6.34317 –1	7.96440 –1	322.573	1.6448 –5	2.1167 –5	2.3010 –2
4 550	5.66229	6.30940	7.94317	322.371	1.6431	2.1259	2.2984
4 600	5.62504	6.27577	7.92198	322.169	1.6415	2.1352	2.2958
4 650	5.58799	6.24228	7.90081	321.966	1.6398	2.1445	2.2931
4 700	5.55114	6.20893	7.87967	321.764	1.6382	2.1538	2.2905
4 750	5.51448	6.17571	7.85857	321.561	1.6365	2.1632	2.2879
4 800	5.47802	6.14263	7.83749	321.358	1.6349	2.1727	2.2852
4 850	5.44176	6.10968	7.81645	321.155	1.6332	2.1822	2.2826
4 900	5.40570	6.07687	7.79543	320.952	1.6316	2.1917	2.2800
4 950	5.36983	6.04420	7.77445	320.749	1.6299	2.2013	2.2773
5 000	5.33415 –1	6.01166 –1	7.75349 –1	320.545	1.6282 –5	2.2110 –5	2.2747 –2
5 050	5.29866	5.97926	7.73257	320.342	1.6266	2.2207	2.2721
5 100	5.26337	5.94699	7.71167	320.138	1.6249	2.2305	2.2694
5 150	5.22827	5.91485	7.69081	319.935	1.6233	2.2403	2.2668
5 200	5.19336	5.88285	7.66997	319.731	1.6216	2.2502	2.2642
5 250	5.15863	5.85098	7.64917	319.527	1.6200	2.2602	2.2615
5 300	5.12410	5.81925	7.62840	319.323	1.6183	2.2701	2.2589
5 350	5.08976	5.78764	7.60766	319.118	1.6166	2.2802	2.2562
5 400	5.05560	5.75617	7.58694	318.914	1.6150	2.2903	2.2536
5 450	5.02163	5.72483	7.56626	318.710	1.6133	2.3005	2.2510
5 500	4.98784 –1	5.69362 –1	7.54561 –1	318.505	1.6116 –5	2.3107 –5	2.2483 –2
5 550	4.95424	5.66254	7.52499	318.300	1.6100	2.3210	2.2457
5 600	4.92082	5.63160	7.50440	318.095	1.6083	2.3313	2.2430
5 650	4.88759	5.60078	7.48383	317.890	1.6066	2.3417	2.2404
5 700	4.85454	5.57009	7.46330	317.685	1.6050	2.3522	2.2377
5 750	4.82167	5.53953	7.44280	317.480	1.6033	2.3627	2.2351
5 800	4.78898	5.50910	7.42233	317.275	1.6016	2.3732	2.2324
5 850	4.75647	5.47880	7.40189	317.069	1.6000	2.3839	2.2298
5 900	4.72414	5.44863	7.38148	316.863	1.5983	2.3946	2.2272
5 950	4.69199	5.41858	7.36110	316.658	1.5966	2.4053	2.2245
6 000	4.66002 –1	5.38866 –1	7.34075 –1	316.452	1.5949 –5	2.4162 –5	2.2218 –2
6 050	4.62822	5.35887	7.32043	316.246	1.5933	2.4270	2.2192
6 100	4.59660	5.32921	7.30014	316.040	1.5916	2.4380	2.2165
6 150	4.56516	5.29967	7.27988	315.833	1.5899	2.4490	2.2139
6 200	4.53389	5.27026	7.25965	315.627	1.5882	2.4600	2.2112
6 250	4.50280	5.24097	7.23946	315.420	1.5865	2.4712	2.2086
6 300	4.47187	5.21181	7.21929	315.213	1.5849	2.4824	2.2059
6 350	4.44113	5.18277	7.19915	315.007	1.5832	2.4936	2.2033
6 400	4.41055	5.15386	7.17904	314.800	1.5815	2.5049	2.2006
6 450	4.38014	5.12507	7.15896	314.593	1.5798	2.5163	2.1980
6 500	4.34991 –1	5.09641 –1	7.13891 –1	314.385	1.5781 –5	2.5278 –5	2.1953 –2
6 550	4.31984	5.06787	7.11889	314.178	1.5764	2.5393	2.1926
6 600	4.28995	5.03945	7.09891	313.971	1.5748	2.5509	2.1900
6 650	4.26022	5.01115	7.07895	313.763	1.5731	2.5626	2.1873
6 700	4.23066	4.98298	7.05902	313.555	1.5714	2.5743	2.1847
6 750	4.20127	4.95492	7.03912	313.347	1.5697	2.5861	2.1820
6 800	4.17204	4.92699	7.01925	313.139	1.5680	2.5979	2.1793
6 850	4.14298	4.89918	6.99942	312.931	1.5663	2.6099	2.1767
6 900	4.11408	4.87149	6.97961	312.723	1.5646	2.6218	2.1740
6 950	4.08534	4.84393	6.95983	312.514	1.5629	2.6339	2.1713

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
4 000	6.08342 –1	6.68677 –1	8.17727 –1	324.579	1.6611 –5	2.0279 –5	2.3271 –2
4 050	6.04388	6.65156	8.15571	324.377	1.6595	2.0366	2.3245
4 100	6.00455	6.61649	8.13418	324.176	1.6578	2.0454	2.3219
4 150	5.96544	6.58157	8.11268	323.974	1.6562	2.0542	2.3193
4 200	5.92652	6.54678	8.09122	323.773	1.6545	2.0631	2.3166
4 250	5.88782	6.51214	8.06978	323.571	1.6529	2.0720	2.3140
4 300	5.84931	6.47763	8.04837	323.369	1.6513	2.0809	2.3114
4 350	5.81102	6.44327	8.02700	323.167	1.6496	2.0900	2.3087
4 400	5.77292	6.40904	8.00565	322.965	1.6480	2.0990	2.3061
4 450	5.73503	6.37496	7.98433	322.763	1.6463	2.1081	2.3035
4 500	5.69734 –1	6.34101 –1	7.96305 –1	322.560	1.6447 –5	2.1173 –5	2.3009 –2
4 550	5.65985	6.30721	7.94179	322.358	1.6430	2.1265	2.2982
4 600	5.62256	6.27354	7.92057	322.155	1.6414	2.1358	2.2956
4 650	5.58547	6.24001	7.89937	321.952	1.6397	2.1451	2.2930
4 700	5.54858	6.20661	7.87821	321.750	1.6381	2.1545	2.2903
4 750	5.51189	6.17335	7.85707	321.546	1.6364	2.1639	2.2877
4 800	5.47539	6.14023	7.83596	321.343	1.6347	2.1733	2.2851
4 850	5.43909	6.10725	7.81489	321.140	1.6331	2.1829	2.2824
4 900	5.40298	6.07440	7.79384	320.937	1.6314	2.1925	2.2798
4 950	5.36707	6.04169	7.77283	320.733	1.6298	2.2021	2.2771
5 000	5.33135 –1	6.00911 –1	7.75184 –1	320.529	1.6281 –5	2.2118 –5	2.2745 –2
5 050	5.29582	5.97666	7.73089	320.326	1.6265	2.2215	2.2719
5 100	5.26049	5.94435	7.70996	320.122	1.6248	2.2313	2.2692
5 150	5.22535	5.91218	7.68907	319.918	1.6231	2.2412	2.2666
5 200	5.19039	5.88013	7.66820	319.713	1.6215	2.2511	2.2639
5 250	5.15563	5.84822	7.64737	319.509	1.6198	2.2610	2.2613
5 300	5.12106	5.81645	7.62656	319.305	1.6181	2.2710	2.2587
5 350	5.08667	5.78480	7.60579	319.100	1.6165	2.2811	2.2560
5 400	5.05247	5.75329	7.58504	318.895	1.6148	2.2912	2.2534
5 450	5.01846	5.72191	7.56433	318.690	1.6131	2.3014	2.2507
5 500	4.98463 –1	5.69066 –1	7.54364 –1	318.485	1.6115 –5	2.3117 –5	2.2481 –2
5 550	4.95099	5.65954	7.52299	318.280	1.6098	2.3220	2.2454
5 600	4.91753	5.62855	7.50236	318.075	1.6081	2.3323	2.2428
5 650	4.88426	5.59769	7.48177	317.870	1.6065	2.3428	2.2401
5 700	4.85117	5.56696	7.46121	317.664	1.6048	2.3532	2.2375
5 750	4.81825	5.53636	7.44067	317.459	1.6031	2.3638	2.2348
5 800	4.78553	5.50589	7.42017	317.253	1.6014	2.3744	2.2322
5 850	4.75298	5.47554	7.39969	317.047	1.5998	2.3850	2.2295
5 900	4.72061	5.44533	7.37925	316.841	1.5981	2.3958	2.2269
5 950	4.68842	5.41524	7.35883	316.635	1.5964	2.4065	2.2242
6 000	4.65640 –1	5.38528 –1	7.33845 –1	316.428	1.5947 –5	2.4174 –5	2.2215 –2
6 050	4.62457	5.35545	7.31809	316.222	1.5931	2.4283	2.2189
6 100	4.59291	5.32574	7.29777	316.015	1.5914	2.4393	2.2162
6 150	4.56143	5.29616	7.27747	315.809	1.5897	2.4503	2.2136
6 200	4.53012	5.26671	7.25721	315.602	1.5880	2.4614	2.2109
6 250	4.49898	5.23738	7.23697	315.395	1.5863	2.4725	2.2083
6 300	4.46802	5.20817	7.21677	315.188	1.5846	2.4838	2.2056
6 350	4.43723	5.17909	7.19659	314.980	1.5830	2.4951	2.2029
6 400	4.40662	5.15014	7.17645	314.773	1.5813	2.5064	2.2003
6 450	4.37617	5.12131	7.15633	314.565	1.5796	2.5178	2.1976
6 500	4.34590 –1	5.09260 –1	7.13625 –1	314.358	1.5779 –5	2.5293 –5	2.1949 –2
6 550	4.31579	5.06402	7.11619	314.150	1.5762	2.5409	2.1923
6 600	4.28586	5.03556	7.09617	313.942	1.5745	2.5525	2.1896
6 650	4.25609	5.00722	7.07617	313.734	1.5728	2.5642	2.1869
6 700	4.22649	4.97900	7.05620	313.526	1.5711	2.5759	2.1843
6 750	4.19706	4.95091	7.03627	313.317	1.5694	2.5878	2.1816
6 800	4.16780	4.92294	7.01636	313.109	1.5677	2.5997	2.1789
6 850	4.13869	4.89508	6.99649	312.900	1.5661	2.6116	2.1763
6 900	4.10976	4.86735	6.97664	312.691	1.5644	2.6237	2.1736
6 950	4.08099	4.83974	6.95683	312.483	1.5627	2.6358	2.1709

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
7 000	4.05677 –1	4.81648 –1	6.94008 –1	312.306	1.5612 –5	2.6461 –5	2.1687 –2
7 050	4.02836	4.78915	6.92037	312.097	1.5595	2.6583	2.1660
7 100	4.00012	4.76194	6.90068	311.888	1.5578	2.6705	2.1633
7 150	3.97203	4.73485	6.88102	311.679	1.5561	2.6829	2.1607
7 200	3.94411	4.70787	6.86139	311.470	1.5544	2.6953	2.1580
7 250	3.91634	4.68102	6.84180	311.261	1.5527	2.7078	2.1553
7 300	3.88874	4.65428	6.82223	311.051	1.5510	2.7204	2.1527
7 350	3.86129	4.62766	6.80269	310.842	1.5493	2.7330	2.1500
7 400	3.83400	4.60116	6.78319	310.632	1.5476	2.7458	2.1473
7 450	3.80686	4.57477	6.76371	310.422	1.5459	2.7586	2.1446
7 500	3.77988 –1	4.54850 –1	6.74426 –1	310.212	1.5442 –5	2.7714 –5	2.1420 –2
7 550	3.75306	4.52235	6.72484	310.002	1.5425	2.7844	2.1393
7 600	3.72639	4.49631	6.70546	309.792	1.5408	2.7974	2.1366
7 650	3.69988	4.47039	6.68610	309.582	1.5391	2.8105	2.1339
7 700	3.67352	4.44458	6.66677	309.371	1.5374	2.8237	2.1313
7 750	3.64731	4.41889	6.64747	309.161	1.5357	2.8369	2.1286
7 800	3.62126	4.39331	6.62821	308.950	1.5340	2.8503	2.1259
7 850	3.59535	4.36785	6.60897	308.739	1.5323	2.8637	2.1232
7 900	3.56960	4.34250	6.58976	308.528	1.5305	2.8772	2.1205
7 950	3.54399	4.31726	6.57058	308.317	1.5288	2.8908	2.1179
8 000	3.51854 –1	4.29213 –1	6.55144 –1	308.105	1.5271 –5	2.9044 –5	2.1152 –2
8 050	3.49323	4.26712	6.53232	307.894	1.5254	2.9182	2.1125
8 100	3.46808	4.24222	6.51323	307.682	1.5237	2.9320	2.1098
8 150	3.44307	4.21743	6.49417	307.470	1.5220	2.9459	2.1071
8 200	3.41820	4.19275	6.47514	307.258	1.5202	2.9599	2.1044
8 250	3.39348	4.16818	6.45615	307.046	1.5185	2.9740	2.1018
8 300	3.36891	4.14372	6.43718	306.834	1.5168	2.9882	2.0991
8 350	3.34448	4.11938	6.41824	306.622	1.5151	3.0024	2.0964
8 400	3.32020	4.09514	6.39933	306.409	1.5134	3.0167	2.0937
8 450	3.29606	4.07102	6.38045	306.197	1.5116	3.0312	2.0910
8 500	3.27206 –1	4.04700 –1	6.36160 –1	305.984	1.5099 –5	3.0457 –5	2.0883 –2
8 550	3.24821	4.02309	6.34278	305.771	1.5082	3.0603	2.0856
8 600	3.22449	3.99929	6.32399	305.558	1.5065	3.0749	2.0829
8 650	3.20092	3.97560	6.30523	305.345	1.5047	3.0897	2.0802
8 700	3.17748	3.95201	6.28651	305.131	1.5030	3.1046	2.0775
8 750	3.15419	3.92854	6.26781	304.918	1.5013	3.1195	2.0748
8 800	3.13103	3.90517	6.24914	304.704	1.4995	3.1346	2.0722
8 850	3.10802	3.88191	6.23050	304.490	1.4978	3.1497	2.0695
8 900	3.08514	3.85875	6.21189	304.276	1.4961	3.1650	2.0668
8 950	3.06240	3.83570	6.19330	304.062	1.4943	3.1803	2.0641
9 000	3.03979 –1	3.81276 –1	6.17475 –1	303.848	1.4926 –5	3.1957 –5	2.0614 –2
9 050	3.01732	3.78992	6.15623	303.634	1.4909	3.2112	2.0587
9 100	2.99498	3.76719	6.13774	303.419	1.4891	3.2268	2.0560
9 150	2.97278	3.74456	6.11928	303.204	1.4874	3.2426	2.0533
9 200	2.95072	3.72204	6.10085	302.990	1.4856	3.2584	2.0506
9 250	2.92878	3.69962	6.08245	302.775	1.4839	3.2743	2.0479
9 300	2.90698	3.67730	6.06408	302.559	1.4822	3.2903	2.0452
9 350	2.88531	3.65509	6.04573	302.344	1.4804	3.3064	2.0425
9 400	2.86377	3.63298	6.02742	302.129	1.4787	3.3226	2.0398
9 450	2.84236	3.61097	6.00914	301.913	1.4769	3.3389	2.0371
9 500	2.82109 –1	3.58907 –1	5.99088 –1	301.697	1.4752 –5	3.3553 –5	2.0343 –2
9 550	2.79994	3.56727	5.97266	301.482	1.4734	3.3718	2.0316
9 600	2.77892	3.54557	5.95447	301.265	1.4717	3.3884	2.0289
9 650	2.75803	3.52397	5.93630	301.049	1.4699	3.4051	2.0262
9 700	2.73727	3.50247	5.91817	300.833	1.4682	3.4219	2.0235
9 750	2.71663	3.48108	5.90006	300.616	1.4664	3.4389	2.0208
9 800	2.69612	3.45978	5.88199	300.400	1.4647	3.4559	2.0181
9 850	2.67574	3.43858	5.86394	300.183	1.4629	3.4730	2.0154
9 900	2.65548	3.41749	5.84593	299.966	1.4612	3.4903	2.0127
9 950	2.63534	3.39649	5.82794	299.749	1.4594	3.5076	2.0100

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
7 000	4.05238 –1	4.81225 –1	6.93704 –1	312.274	1.5610 –5	2.6479 –5	2.1683 –2
7 050	4.02393	4.78488	6.91728	312.064	1.5593	2.6602	2.1656
7 100	3.99565	4.75763	6.89756	311.855	1.5576	2.6725	2.1629
7 150	3.96753	4.73049	6.87786	311.645	1.5559	2.6849	2.1602
7 200	3.93956	4.70348	6.85819	311.436	1.5542	2.6974	2.1576
7 250	3.91176	4.67658	6.83856	311.226	1.5525	2.7099	2.1549
7 300	3.88412	4.64981	6.81895	311.016	1.5507	2.7225	2.1522
7 350	3.85663	4.62314	6.79937	310.806	1.5490	2.7352	2.1495
7 400	3.82930	4.59660	6.77982	310.596	1.5473	2.7480	2.1469
7 450	3.80213	4.57017	6.76031	310.386	1.5456	2.7608	2.1442
7 500	3.77512 –1	4.54386 –1	6.74082 –1	310.175	1.5439 –5	2.7737 –5	2.1415 –2
7 550	3.74826	4.51767	6.72136	309.965	1.5422	2.7867	2.1388
7 600	3.72156	4.49159	6.70193	309.754	1.5405	2.7998	2.1361
7 650	3.69501	4.46563	6.68253	309.543	1.5388	2.8129	2.1334
7 700	3.66861	4.43978	6.66316	309.332	1.5371	2.8262	2.1308
7 750	3.64237	4.41404	6.64383	309.121	1.5354	2.8395	2.1281
7 800	3.61628	4.38842	6.62452	308.909	1.5336	2.8529	2.1254
7 850	3.59034	4.36292	6.60524	308.698	1.5319	2.8663	2.1227
7 900	3.56455	4.33752	6.58599	308.486	1.5302	2.8799	2.1200
7 950	3.53891	4.31224	6.56677	308.274	1.5285	2.8935	2.1173
8 000	3.51343 –1	4.28708 –1	6.54758 –1	308.063	1.5268 –5	2.9072 –5	2.1146 –2
8 050	3.48809	4.26202	6.52842	307.851	1.5250	2.9210	2.1119
8 100	3.46290	4.23708	6.50929	307.638	1.5233	2.9349	2.1093
8 150	3.43785	4.21225	6.49019	307.426	1.5216	2.9488	2.1066
8 200	3.41295	4.18754	6.47112	307.213	1.5199	2.9629	2.1039
8 250	3.38820	4.16293	6.45208	307.001	1.5182	2.9770	2.1012
8 300	3.36360	4.13843	6.43306	306.788	1.5164	2.9912	2.0985
8 350	3.33914	4.11405	6.41408	306.575	1.5147	3.0055	2.0958
8 400	3.31482	4.08977	6.39513	306.362	1.5130	3.0199	2.0931
8 450	3.29065	4.06560	6.37621	306.149	1.5112	3.0344	2.0904
8 500	3.26662 –1	4.04155 –1	6.35732 –1	305.935	1.5095 –5	3.0490 –5	2.0877 –2
8 550	3.24273	4.01760	6.33845	305.722	1.5078	3.0636	2.0850
8 600	3.21899	3.99376	6.31962	305.508	1.5061	3.0784	2.0823
8 650	3.19538	3.97003	6.30082	305.294	1.5043	3.0932	2.0796
8 700	3.17192	3.94641	6.28204	305.080	1.5026	3.1081	2.0769
8 750	3.14859	3.92289	6.26330	304.866	1.5008	3.1232	2.0742
8 800	3.12541	3.89948	6.24459	304.652	1.4991	3.1383	2.0715
8 850	3.10236	3.87618	6.22590	304.438	1.4974	3.1535	2.0688
8 900	3.07945	3.85299	6.20725	304.223	1.4956	3.1688	2.0661
8 950	3.05668	3.82990	6.18862	304.008	1.4939	3.1842	2.0634
9 000	3.03404 –1	3.80692 –1	6.17002 –1	303.793	1.4922 –5	3.1997 –5	2.0607 –2
9 050	3.01154	3.78404	6.15146	303.578	1.4904	3.2153	2.0580
9 100	2.98918	3.76127	6.13292	303.363	1.4887	3.2309	2.0553
9 150	2.96695	3.73861	6.11442	303.148	1.4869	3.2467	2.0526
9 200	2.94485	3.71605	6.09594	302.932	1.4852	3.2626	2.0498
9 250	2.92289	3.69359	6.07749	302.717	1.4834	3.2786	2.0471
9 300	2.90106	3.67124	6.05907	302.501	1.4817	3.2946	2.0444
9 350	2.87936	3.64899	6.04069	302.285	1.4799	3.3108	2.0417
9 400	2.85780	3.62684	6.02233	302.069	1.4782	3.3271	2.0390
9 450	2.83636	3.60480	6.00400	301.852	1.4764	3.3435	2.0363
9 500	2.81506 –1	3.58286 –1	5.98570 –1	301.636	1.4747 –5	3.3600 –5	2.0336 –2
9 550	2.79389	3.56102	5.96743	301.419	1.4729	3.3765	2.0309
9 600	2.77284	3.53928	5.94919	301.203	1.4712	3.3932	2.0281
9 650	2.75192	3.51765	5.93098	300.986	1.4694	3.4100	2.0254
9 700	2.73113	3.49612	5.91280	300.769	1.4677	3.4269	2.0227
9 750	2.71047	3.47469	5.89465	300.552	1.4659	3.4439	2.0200
9 800	2.68994	3.45336	5.87653	300.334	1.4642	3.4611	2.0173
9 850	2.66953	3.43212	5.85843	300.117	1.4624	3.4783	2.0146
9 900	2.64925	3.41099	5.84037	299.899	1.4606	3.4956	2.0118
9 950	2.62909	3.38996	5.82234	299.681	1.4589	3.5131	2.0091

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
10 000	2.61533 –1	3.37559 –1	5.80999 –1	299.532	1.4577 –5	3.5251 –5	2.0072 –2
10 050	2.59545	3.35480	5.79206	299.314	1.4559	3.5427	2.0045
10 100	2.57569	3.33410	5.77416	299.097	1.4541	3.5604	2.0018
10 150	2.55604	3.31349	5.75630	298.879	1.4524	3.5782	1.9991
10 200	2.53653	3.29299	5.73846	298.661	1.4506	3.5961	1.9964
10 250	2.51713	3.27258	5.72065	298.443	1.4489	3.6141	1.9937
10 300	2.49785	3.25227	5.70287	298.225	1.4471	3.6322	1.9909
10 350	2.47869	3.23206	5.68512	298.007	1.4453	3.6505	1.9882
10 400	2.45965	3.21195	5.66740	297.788	1.4436	3.6689	1.9855
10 450	2.44074	3.19193	5.64971	297.569	1.4418	3.6874	1.9828
10 500	2.42193 –1	3.17200 –1	5.63205 –1	297.351	1.4400 –5	3.7060 –5	1.9801 –2
10 550	2.40325	3.15218	5.61442	297.132	1.4383	3.7247	1.9773
10 600	2.38469	3.13244	5.59682	296.912	1.4365	3.7436	1.9746
10 650	2.36624	3.11280	5.57925	296.693	1.4347	3.7625	1.9719
10 700	2.34790	3.09326	5.56171	296.474	1.4329	3.7816	1.9692
10 750	2.32968	3.07381	5.54420	296.254	1.4312	3.8008	1.9664
10 800	2.31158	3.05446	5.52671	296.034	1.4294	3.8202	1.9637
10 850	2.29359	3.03520	5.50926	295.814	1.4276	3.8396	1.9610
10 900	2.27572	3.01603	5.49184	295.594	1.4258	3.8592	1.9583
10 950	2.25796	2.99695	5.47444	295.374	1.4241	3.8790	1.9555
11 000	2.24031 –1	2.97797 –1	5.45708 –1	295.154	1.4223 –5	3.8988 –5	1.9528 –2
11 050	2.22277	2.95635	5.43723	295.069	1.4216	3.9255	1.9518
11 100	2.20538	2.93321	5.41591	295.069	1.4216	3.9564	1.9518
11 150	2.18812	2.91025	5.39468	295.069	1.4216	3.9876	1.9518
11 200	2.17099	2.88748	5.37353	295.069	1.4216	4.0191	1.9518
11 250	2.15400	2.86488	5.35246	295.069	1.4216	4.0508	1.9518
11 300	2.13715	2.84246	5.33147	295.069	1.4216	4.0827	1.9518
11 350	2.12042	2.82022	5.31057	295.069	1.4216	4.1149	1.9518
11 400	2.10383	2.79815	5.28975	295.069	1.4216	4.1474	1.9518
11 450	2.08737	2.77625	5.26901	295.069	1.4216	4.1801	1.9518
11 500	2.07103 –1	2.75453 –1	5.24836 –1	295.069	1.4216 –5	4.2131 –5	1.9518 –2
11 550	2.05483	2.73297	5.22778	295.069	1.4216	4.2463	1.9518
11 600	2.03875	2.71159	5.20729	295.069	1.4216	4.2798	1.9518
11 650	2.02279	2.69037	5.18688	295.069	1.4216	4.3135	1.9518
11 700	2.00697	2.66932	5.16654	295.069	1.4216	4.3476	1.9518
11 750	1.99126	2.64843	5.14629	295.069	1.4216	4.3818	1.9518
11 800	1.97568	2.62771	5.12612	295.069	1.4216	4.4164	1.9518
11 850	1.96022	2.60715	5.10602	295.069	1.4216	4.4512	1.9518
11 900	1.94489	2.58675	5.08601	295.069	1.4216	4.4863	1.9518
11 950	1.92967	2.56651	5.06607	295.069	1.4216	4.5217	1.9518
12 000	1.91457 –1	2.54643 –1	5.04621 –1	295.069	1.4216 –5	4.5574 –5	1.9518 –2
12 050	1.89959	2.52650	5.02644	295.069	1.4216	4.5933	1.9518
12 100	1.88473	2.50674	5.00673	295.069	1.4216	4.6295	1.9518
12 150	1.86998	2.48713	4.98711	295.069	1.4216	4.6660	1.9518
12 200	1.85535	2.46767	4.96756	295.069	1.4216	4.7028	1.9518
12 250	1.84084	2.44836	4.94809	295.069	1.4216	4.7399	1.9518
12 300	1.82644	2.42921	4.92870	295.069	1.4216	4.7773	1.9518
12 350	1.81215	2.41020	4.90938	295.069	1.4216	4.8149	1.9518
12 400	1.79797	2.39135	4.89014	295.069	1.4216	4.8529	1.9518
12 450	1.78391	2.37264	4.87098	295.069	1.4216	4.8912	1.9518
12 500	1.76995 –1	2.35408 –1	4.85189 –1	295.069	1.4216 –5	4.9297 –5	1.9518 –2
12 550	1.75611	2.33566	4.83287	295.069	1.4216	4.9686	1.9518
12 600	1.74237	2.31739	4.81393	295.069	1.4216	5.0078	1.9518
12 650	1.72874	2.29927	4.79507	295.069	1.4216	5.0473	1.9518
12 700	1.71522	2.28128	4.77628	295.069	1.4216	5.0871	1.9518
12 750	1.70180	2.26344	4.75756	295.069	1.4216	5.1272	1.9518
12 800	1.68849	2.24573	4.73892	295.069	1.4216	5.1676	1.9518
12 850	1.67528	2.22817	4.72035	295.069	1.4216	5.2083	1.9518
12 900	1.66218	2.21074	4.70185	295.069	1.4216	5.2494	1.9518
12 950	1.64918	2.19345	4.68342	295.069	1.4216	5.2908	1.9518

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
10 000	2.60905 –1	3.36903 –1	5.80433 –1	299.463	1.4571 –5	3.5306 –5	2.0064 –2
10 050	2.58914	3.34820	5.78636	299.245	1.4553	3.5483	2.0037
10 100	2.56936	3.32746	5.76842	299.027	1.4536	3.5661	2.0009
10 150	2.54969	3.30683	5.75050	298.808	1.4518	3.5840	1.9982
10 200	2.53015	3.28629	5.73262	298.590	1.4500	3.6020	1.9955
10 250	2.51073	3.26585	5.71476	298.371	1.4483	3.6201	1.9928
10 300	2.49143	3.24551	5.69693	298.152	1.4465	3.6383	1.9900
10 350	2.47225	3.22526	5.67914	297.933	1.4447	3.6567	1.9873
10 400	2.45319	3.20511	5.66137	297.713	1.4430	3.6752	1.9846
10 450	2.43425	3.18506	5.64363	297.494	1.4412	3.6938	1.9819
10 500	2.41543 –1	3.16510 –1	5.62592 –1	297.274	1.4394 –5	3.7125 –5	1.9791 –2
10 550	2.39673	3.14524	5.60825	297.055	1.4376	3.7313	1.9764
10 600	2.37814	3.12548	5.59060	296.835	1.4359	3.7503	1.9737
10 650	2.35967	3.10581	5.57298	296.615	1.4341	3.7693	1.9709
10 700	2.34132	3.08623	5.55539	296.394	1.4323	3.7885	1.9682
10 750	2.32308	3.06675	5.53783	296.174	1.4305	3.8079	1.9655
10 800	2.30496	3.04737	5.52030	295.953	1.4287	3.8273	1.9627
10 850	2.28695	3.02807	5.50279	295.733	1.4270	3.8469	1.9600
10 900	2.26906	3.00887	5.48532	295.512	1.4252	3.8666	1.9572
10 950	2.25128	2.98977	5.46788	295.291	1.4234	3.8864	1.9545
11 000	2.23361 –1	2.97076 –1	5.45046 –1	295.069	1.4216 –5	3.9064 –5	1.9518 –2
11 050	2.21606	2.94742	5.42901	295.069	1.4216	3.9373	1.9518
11 100	2.19866	2.92427	5.40765	295.069	1.4216	3.9685	1.9518
11 150	2.18139	2.90131	5.38638	295.069	1.4216	3.9999	1.9518
11 200	2.16426	2.87852	5.36519	295.069	1.4216	4.0316	1.9518
11 250	2.14726	2.85592	5.34408	295.069	1.4216	4.0635	1.9518
11 300	2.13040	2.83349	5.32305	295.069	1.4216	4.0957	1.9518
11 350	2.11367	2.81123	5.30211	295.069	1.4216	4.1281	1.9518
11 400	2.09707	2.78916	5.28125	295.069	1.4216	4.1608	1.9518
11 450	2.08060	2.76725	5.26047	295.069	1.4216	4.1937	1.9518
11 500	2.06426 –1	2.74552 –1	5.23977 –1	295.069	1.4216 –5	4.2269 –5	1.9518 –2
11 550	2.04805	2.72396	5.21915	295.069	1.4216	4.2603	1.9518
11 600	2.03197	2.70257	5.19862	295.069	1.4216	4.2941	1.9518
11 650	2.01601	2.68134	5.17817	295.069	1.4216	4.3281	1.9518
11 700	2.00017	2.66028	5.15779	295.069	1.4216	4.3623	1.9518
11 750	1.98447	2.63939	5.13750	295.069	1.4216	4.3968	1.9518
11 800	1.96888	2.61866	5.11729	295.069	1.4216	4.4317	1.9518
11 850	1.95342	2.59810	5.09715	295.069	1.4216	4.4667	1.9518
11 900	1.93808	2.57769	5.07710	295.069	1.4216	4.5021	1.9518
11 950	1.92286	2.55745	5.05712	295.069	1.4216	4.5377	1.9518
12 000	1.90776 –1	2.53737 –1	5.03723 –1	295.069	1.4216 –5	4.5736 –5	1.9518 –2
12 050	1.89277	2.51744	5.01741	295.069	1.4216	4.6098	1.9518
12 100	1.87791	2.49767	4.99767	295.069	1.4216	4.6463	1.9518
12 150	1.86316	2.47805	4.97800	295.069	1.4216	4.6831	1.9518
12 200	1.84853	2.45859	4.95842	295.069	1.4216	4.7202	1.9518
12 250	1.83401	2.43928	4.93891	295.069	1.4216	4.7575	1.9518
12 300	1.81961	2.42013	4.91948	295.069	1.4216	4.7952	1.9518
12 350	1.80532	2.40112	4.90012	295.069	1.4216	4.8332	1.9518
12 400	1.79114	2.38226	4.88084	295.069	1.4216	4.8714	1.9518
12 450	1.77707	2.36355	4.86164	295.069	1.4216	4.9100	1.9518
12 500	1.76312 –1	2.34499 –1	4.84251 –1	295.069	1.4216 –5	4.9488 –5	1.9518 –2
12 550	1.74927	2.32658	4.82346	295.069	1.4216	4.9880	1.9518
12 600	1.73553	2.30830	4.80448	295.069	1.4216	5.0275	1.9518
12 650	1.72190	2.29018	4.78558	295.069	1.4216	5.0673	1.9518
12 700	1.70838	2.27219	4.76675	295.069	1.4216	5.1074	1.9518
12 750	1.69496	2.25434	4.74800	295.069	1.4216	5.1478	1.9518
12 800	1.68165	2.23664	4.72931	295.069	1.4216	5.1886	1.9518
12 850	1.66845	2.21908	4.71071	295.069	1.4216	5.2297	1.9518
12 900	1.65534	2.20165	4.69217	295.069	1.4216	5.2711	1.9518
12 950	1.64234	2.18436	4.67371	295.069	1.4216	5.3128	1.9518

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
13 000	1.63628 –1	2.17629 –1	4.66507 –1	295.069	1.4216 –5	5.3325 –5	1.9518 –2
13 050	1.62348	2.15927	4.64679	295.069	1.4216	5.3745	1.9518
13 100	1.61078	2.14238	4.62858	295.069	1.4216	5.4169	1.9518
13 150	1.59818	2.12562	4.61045	295.069	1.4216	5.4596	1.9518
13 200	1.58568	2.10900	4.59238	295.069	1.4216	5.5026	1.9518
13 250	1.57328	2.09250	4.57439	295.069	1.4216	5.5460	1.9518
13 300	1.56098	2.07614	4.55647	295.069	1.4216	5.5897	1.9518
13 350	1.54877	2.05990	4.53861	295.069	1.4216	5.6338	1.9518
13 400	1.53666	2.04379	4.52083	295.069	1.4216	5.6782	1.9518
13 450	1.52464	2.02781	4.50312	295.069	1.4216	5.7229	1.9518
13 500	1.51272 –1	2.01195 –1	4.48548 –1	295.069	1.4216 –5	5.7680 –5	1.9518 –2
13 550	1.50089	1.99622	4.46790	295.069	1.4216	5.8135	1.9518
13 600	1.48915	1.98061	4.45040	295.069	1.4216	5.8593	1.9518
13 650	1.47750	1.96512	4.43297	295.069	1.4216	5.9055	1.9518
13 700	1.46595	1.94975	4.41560	295.069	1.4216	5.9520	1.9518
13 750	1.45449	1.93450	4.39830	295.069	1.4216	5.9990	1.9518
13 800	1.44311	1.91938	4.38107	295.069	1.4216	6.0462	1.9518
13 850	1.43183	1.90437	4.36391	295.069	1.4216	6.0939	1.9518
13 900	1.42063	1.88948	4.34681	295.069	1.4216	6.1419	1.9518
13 950	1.40952	1.87470	4.32978	295.069	1.4216	6.1903	1.9518
14 000	1.39850 –1	1.86004 –1	4.31282 –1	295.069	1.4216 –5	6.2391 –5	1.9518 –2
14 050	1.38757	1.84550	4.29593	295.069	1.4216	6.2883	1.9518
14 100	1.37672	1.83107	4.27910	295.069	1.4216	6.3378	1.9518
14 150	1.36595	1.81675	4.26234	295.069	1.4216	6.3878	1.9518
14 200	1.35528	1.80255	4.24564	295.069	1.4216	6.4381	1.9518
14 250	1.34468	1.78846	4.22902	295.069	1.4216	6.4888	1.9518
14 300	1.33417	1.77447	4.21245	295.069	1.4216	6.5400	1.9518
14 350	1.32373	1.76060	4.19595	295.069	1.4216	6.5915	1.9518
14 400	1.31339	1.74684	4.17952	295.069	1.4216	6.6434	1.9518
14 450	1.30312	1.73318	4.16315	295.069	1.4216	6.6958	1.9518
14 500	1.29293 –1	1.71963 –1	4.14684 –1	295.069	1.4216 –5	6.7486 –5	1.9518 –2
14 550	1.28282	1.70619	4.13060	295.069	1.4216	6.8017	1.9518
14 600	1.27279	1.69285	4.11442	295.069	1.4216	6.8553	1.9518
14 650	1.26284	1.67961	4.09831	295.069	1.4216	6.9093	1.9518
14 700	1.25297	1.66648	4.08226	295.069	1.4216	6.9638	1.9518
14 750	1.24318	1.65346	4.06627	295.069	1.4216	7.0186	1.9518
14 800	1.23346	1.64053	4.05035	295.069	1.4216	7.0739	1.9518
14 850	1.22381	1.62771	4.03448	295.069	1.4216	7.1297	1.9518
14 900	1.21425	1.61498	4.01868	295.069	1.4216	7.1858	1.9518
14 950	1.20476	1.60236	4.00295	295.069	1.4216	7.2425	1.9518
15 000	1.19534 –1	1.58983 –1	3.98727 –1	295.069	1.4216 –5	7.2995 –5	1.9518 –2
15 050	1.18600	1.57741	3.97166	295.069	1.4216	7.3570	1.9518
15 100	1.17673	1.56508	3.95610	295.069	1.4216	7.4150	1.9518
15 150	1.16753	1.55284	3.94061	295.069	1.4216	7.4734	1.9518
15 200	1.15840	1.54070	3.92518	295.069	1.4216	7.5323	1.9518
15 250	1.14935	1.52866	3.90981	295.069	1.4216	7.5916	1.9518
15 300	1.14036	1.51672	3.89450	295.069	1.4216	7.6514	1.9518
15 350	1.13145	1.50486	3.87925	295.069	1.4216	7.7117	1.9518
15 400	1.12261	1.49310	3.86406	295.069	1.4216	7.7724	1.9518
15 450	1.11384	1.48143	3.84894	295.069	1.4216	7.8336	1.9518
15 500	1.10513 –1	1.46985 –1	3.83386 –1	295.069	1.4216 –5	7.8954 –5	1.9518 –2
15 550	1.09649	1.45836	3.81885	295.069	1.4216	7.9575	1.9518
15 600	1.08792	1.44697	3.80390	295.069	1.4216	8.0202	1.9518
15 650	1.07942	1.43566	3.78901	295.069	1.4216	8.0834	1.9518
15 700	1.07099	1.42444	3.77417	295.069	1.4216	8.1471	1.9518
15 750	1.06262	1.41331	3.75940	295.069	1.4216	8.2112	1.9518
15 800	1.05431	1.40226	3.74468	295.069	1.4216	8.2759	1.9518
15 850	1.04607	1.39130	3.73002	295.069	1.4216	8.3411	1.9518
15 900	1.03790	1.38043	3.71542	295.069	1.4216	8.4068	1.9518
15 950	1.02979	1.36965	3.70087	295.069	1.4216	8.4730	1.9518

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
13 000	1.62945 –1	2.16720 –1	4.65532 –1	295.069	1.4216 –5	5.3548 –5	1.9518 –2
13 050	1.61665	2.15018	4.63701	295.069	1.4216	5.3972	1.9518
13 100	1.60395	2.13330	4.61876	295.069	1.4216	5.4399	1.9518
13 150	1.59136	2.11654	4.60059	295.069	1.4216	5.4830	1.9518
13 200	1.57886	2.09992	4.58249	295.069	1.4216	5.5264	1.9518
13 250	1.56646	2.08343	4.56446	295.069	1.4216	5.5701	1.9518
13 300	1.55416	2.06707	4.54650	295.069	1.4216	5.6142	1.9518
13 350	1.54195	2.05083	4.52861	295.069	1.4216	5.6587	1.9518
13 400	1.52984	2.03473	4.51080	295.069	1.4216	5.7035	1.9518
13 450	1.51783	2.01875	4.49305	295.069	1.4216	5.7486	1.9518
13 500	1.50591 –1	2.00289 –1	4.47537 –1	295.069	1.4216 –5	5.7941 –5	1.9518 –2
13 550	1.49408	1.98717	4.45776	295.069	1.4216	5.8400	1.9518
13 600	1.48235	1.97156	4.44022	295.069	1.4216	5.8862	1.9518
13 650	1.47071	1.95608	4.42275	295.069	1.4216	5.9328	1.9518
13 700	1.45916	1.94071	4.40535	295.069	1.4216	5.9798	1.9518
13 750	1.44770	1.92547	4.38802	295.069	1.4216	6.0271	1.9518
13 800	1.43633	1.91035	4.37076	295.069	1.4216	6.0748	1.9518
13 850	1.42505	1.89535	4.35356	295.069	1.4216	6.1229	1.9518
13 900	1.41385	1.88046	4.33643	295.069	1.4216	6.1714	1.9518
13 950	1.40275	1.86569	4.31937	295.069	1.4216	6.2202	1.9518
14 000	1.39173 –1	1.85104 –1	4.30237 –1	295.069	1.4216 –5	6.2694 –5	1.9518 –2
14 050	1.38081	1.83651	4.28545	295.069	1.4216	6.3191	1.9518
14 100	1.36996	1.82208	4.26859	295.069	1.4216	6.3691	1.9518
14 150	1.35920	1.80777	4.25179	295.069	1.4216	6.4195	1.9518
14 200	1.34853	1.79358	4.23506	295.069	1.4216	6.4703	1.9518
14 250	1.33794	1.77949	4.21840	295.069	1.4216	6.5215	1.9518
14 300	1.32743	1.76552	4.20180	295.069	1.4216	6.5732	1.9518
14 350	1.31701	1.75165	4.18527	295.069	1.4216	6.6252	1.9518
14 400	1.30666	1.73789	4.16881	295.069	1.4216	6.6776	1.9518
14 450	1.29640	1.72425	4.15240	295.069	1.4216	6.7305	1.9518
14 500	1.28622 –1	1.71070 –1	4.13607 –1	295.069	1.4216 –5	6.7838 –5	1.9518 –2
14 550	1.27612	1.69727	4.11979	295.069	1.4216	6.8375	1.9518
14 600	1.26610	1.68394	4.10358	295.069	1.4216	6.8916	1.9518
14 650	1.25615	1.67071	4.08744	295.069	1.4216	6.9461	1.9518
14 700	1.24629	1.65759	4.07136	295.069	1.4216	7.0011	1.9518
14 750	1.23650	1.64458	4.05534	295.069	1.4216	7.0565	1.9518
14 800	1.22679	1.63166	4.03938	295.069	1.4216	7.1124	1.9518
14 850	1.21715	1.61885	4.02349	295.069	1.4216	7.1687	1.9518
14 900	1.20760	1.60613	4.00766	295.069	1.4216	7.2254	1.9518
14 950	1.19811	1.59352	3.99189	295.069	1.4216	7.2826	1.9518
15 000	1.18870 –1	1.58100 –1	3.97619 –1	295.069	1.4216 –5	7.3403 –5	1.9518 –2
15 050	1.17937	1.56859	3.96054	295.069	1.4216	7.3984	1.9518
15 100	1.17011	1.55627	3.94496	295.069	1.4216	7.4569	1.9518
15 150	1.16092	1.54405	3.92944	295.069	1.4216	7.5160	1.9518
15 200	1.15180	1.53192	3.91398	295.069	1.4216	7.5755	1.9518
15 250	1.14275	1.51989	3.89858	295.069	1.4216	7.6354	1.9518
15 300	1.13378	1.50795	3.88324	295.069	1.4216	7.6959	1.9518
15 350	1.12487	1.49611	3.86796	295.069	1.4216	7.7568	1.9518
15 400	1.11604	1.48436	3.85274	295.069	1.4216	7.8182	1.9518
15 450	1.10728	1.47271	3.83758	295.069	1.4216	7.8801	1.9518
15 500	1.09858 –1	1.46114 –1	3.82248 –1	295.069	1.4216 –5	7.9424 –5	1.9518 –2
15 550	1.08995	1.44966	3.80745	295.069	1.4216	8.0053	1.9518
15 600	1.08139	1.43828	3.79247	295.069	1.4216	8.0687	1.9518
15 650	1.07290	1.42698	3.77754	295.069	1.4216	8.1325	1.9518
15 700	1.06447	1.41578	3.76268	295.069	1.4216	8.1969	1.9518
15 750	1.05611	1.40466	3.74788	295.069	1.4216	8.2618	1.9518
15 800	1.04782	1.39363	3.73313	295.069	1.4216	8.3272	1.9518
15 850	1.03959	1.38268	3.71844	295.069	1.4216	8.3931	1.9518
15 900	1.03143	1.37182	3.70381	295.069	1.4216	8.4595	1.9518
15 950	1.02333	1.36105	3.68924	295.069	1.4216	8.5265	1.9518

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
16 000	1.02174 –1	1.35894 –1	3.68638 –1	295.069	1.4216 –5	8.5397 –5	1.9518 –2
16 050	1.01376	1.34832	3.67195	295.069	1.4216	8.6070	1.9518
16 100	1.00584	1.33779	3.65758	295.069	1.4216	8.6748	1.9518
16 150	9.97977 –2	1.32733	3.64326	295.069	1.4216	8.7431	1.9518
16 200	9.90179	1.31696	3.62900	295.069	1.4216	8.8119	1.9518
16 250	9.82442	1.30667	3.61479	295.069	1.4216	8.8813	1.9518
16 300	9.74766	1.29646	3.60064	295.069	1.4216	8.9513	1.9518
16 350	9.67149	1.28633	3.58655	295.069	1.4216	9.0218	1.9518
16 400	9.59593	1.27628	3.57251	295.069	1.4216	9.0928	1.9518
16 450	9.52095	1.26631	3.55853	295.069	1.4216	9.1644	1.9518
16 500	9.44657 –2	1.25642 –1	3.54460 –1	295.069	1.4216 –5	9.2366 –5	1.9518 –2
16 550	9.37276	1.24660	3.53072	295.069	1.4216	9.3093	1.9518
16 600	9.29953	1.23686	3.51690	295.069	1.4216	9.3826	1.9518
16 650	9.22688	1.22720	3.50314	295.069	1.4216	9.4565	1.9518
16 700	9.15479	1.21761	3.48943	295.069	1.4216	9.5310	1.9518
16 750	9.08327	1.20810	3.47577	295.069	1.4216	9.6060	1.9518
16 800	9.01231	1.19866	3.46217	295.069	1.4216	9.6816	1.9518
16 850	8.94191	1.18930	3.44862	295.069	1.4216	9.7579	1.9518
16 900	8.87205	1.18001	3.43512	295.069	1.4216	9.8347	1.9518
16 950	8.80274	1.17079	3.42168	295.069	1.4216	9.9121	1.9518
17 000	8.73398 –2	1.16164 –1	3.40829 –1	295.069	1.4216 –5	9.9902 –5	1.9518 –2
17 050	8.66575	1.15257	3.39495	295.069	1.4216	1.0069 –4	1.9518
17 100	8.59806	1.14356	3.38166	295.069	1.4216	1.0148	1.9518
17 150	8.53089	1.13463	3.36843	295.069	1.4216	1.0228	1.9518
17 200	8.46426	1.12577	3.35525	295.069	1.4216	1.0309	1.9518
17 250	8.39814	1.11697	3.34212	295.069	1.4216	1.0390	1.9518
17 300	8.33254	1.10825	3.32904	295.069	1.4216	1.0471	1.9518
17 350	8.26746	1.09959	3.31601	295.069	1.4216	1.0554	1.9518
17 400	8.20288	1.09100	3.30303	295.069	1.4216	1.0637	1.9518
17 450	8.13881	1.08248	3.29011	295.069	1.4216	1.0721	1.9518
17 500	8.07524 –2	1.07403 –1	3.27724 –1	295.069	1.4216 –5	1.0805 –4	1.9518 –2
17 550	8.01217	1.06564	3.26441	295.069	1.4216	1.0890	1.9518
17 600	7.94959	1.05731	3.25164	295.069	1.4216	1.0976	1.9518
17 650	7.88750	1.04906	3.23892	295.069	1.4216	1.1062	1.9518
17 700	7.82590	1.04086	3.22624	295.069	1.4216	1.1149	1.9518
17 750	7.76478	1.03273	3.21362	295.069	1.4216	1.1237	1.9518
17 800	7.70414	1.02467	3.20105	295.069	1.4216	1.1326	1.9518
17 850	7.64397	1.01667	3.18852	295.069	1.4216	1.1415	1.9518
17 900	7.58428	1.00873	3.17605	295.069	1.4216	1.1505	1.9518
17 950	7.52505	1.00085	3.16362	295.069	1.4216	1.1595	1.9518
18 000	7.46628 –2	9.93034 –2	3.15124 –1	295.069	1.4216 –5	1.1686 –4	1.9518 –2
18 050	7.40797	9.85279	3.13892	295.069	1.4216	1.1778	1.9518
18 100	7.35012	9.77585	3.12664	295.069	1.4216	1.1871	1.9518
18 150	7.29273	9.69951	3.11440	295.069	1.4216	1.1965	1.9518
18 200	7.23578	9.62377	3.10222	295.069	1.4216	1.2059	1.9518
18 250	7.17928	9.54862	3.09008	295.069	1.4216	1.2154	1.9518
18 300	7.12322	9.47406	3.07800	295.069	1.4216	1.2249	1.9518
18 350	7.06759	9.40008	3.06596	295.069	1.4216	1.2346	1.9518
18 400	7.01241	9.32668	3.05396	295.069	1.4216	1.2443	1.9518
18 450	6.95765	9.25385	3.04201	295.069	1.4216	1.2541	1.9518
18 500	6.90333 –2	9.18160 –2	3.03012 –1	295.069	1.4216 –5	1.2639 –4	1.9518 –2
18 550	6.84943	9.10991	3.01826	295.069	1.4216	1.2739	1.9518
18 600	6.79595	9.03878	3.00646	295.069	1.4216	1.2839	1.9518
18 650	6.74289	8.96821	2.99470	295.069	1.4216	1.2940	1.9518
18 700	6.69024	8.89819	2.98298	295.069	1.4216	1.3042	1.9518
18 750	6.63800	8.82871	2.97132	295.069	1.4216	1.3145	1.9518
18 800	6.58618	8.75978	2.95969	295.069	1.4216	1.3248	1.9518
18 850	6.53476	8.69139	2.94812	295.069	1.4216	1.3352	1.9518
18 900	6.48374	8.62354	2.93659	295.069	1.4216	1.3457	1.9518
18 950	6.43312	8.55621	2.92510	295.069	1.4216	1.3563	1.9518

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
16 000	1.01529 –1	1.35036 –1	3.67473 –1	295.069	1.4216 –5	8.5940 –5	1.9518 –2
16 050	1.00732	1.33976	3.66027	295.069	1.4216	8.6620	1.9518
16 100	9.99406 –2	1.32923	3.64587	295.069	1.4216	8.7306	1.9518
16 150	9.91557	1.31880	3.63152	295.069	1.4216	8.7997	1.9518
16 200	9.83770	1.30844	3.61723	295.069	1.4216	8.8694	1.9518
16 250	9.76044	1.29816	3.60300	295.069	1.4216	8.9396	1.9518
16 300	9.68378	1.28797	3.58883	295.069	1.4216	9.0103	1.9518
16 350	9.60773	1.27785	3.57471	295.069	1.4216	9.0816	1.9518
16 400	9.53228	1.26782	3.56064	295.069	1.4216	9.1535	1.9518
16 450	9.45742	1.25786	3.54663	295.069	1.4216	9.2260	1.9518
16 500	9.38315 –2	1.24798 –1	3.53268 –1	295.069	1.4216 –5	9.2990 –5	1.9518 –2
16 550	9.30946	1.23818	3.51878	295.069	1.4216	9.3726	1.9518
16 600	9.23635	1.22846	3.50493	295.069	1.4216	9.4468	1.9518
16 650	9.16381	1.21881	3.49115	295.069	1.4216	9.5216	1.9518
16 700	9.09184	1.20924	3.47741	295.069	1.4216	9.5970	1.9518
16 750	9.02044	1.19974	3.46373	295.069	1.4216	9.6729	1.9518
16 800	8.94960	1.19032	3.45010	295.069	1.4216	9.7495	1.9518
16 850	8.87931	1.18097	3.43652	295.069	1.4216	9.8267	1.9518
16 900	8.80958	1.17170	3.42300	295.069	1.4216	9.9044	1.9518
16 950	8.74039	1.16249	3.40954	295.069	1.4216	9.9828	1.9518
17 000	8.67175 –2	1.15336 –1	3.39612 –1	295.069	1.4216 –5	1.0062 –4	1.9518 –2
17 050	8.60365	1.14431	3.38276	295.069	1.4216	1.0142	1.9518
17 100	8.53608	1.13532	3.36945	295.069	1.4216	1.0222	1.9518
17 150	8.46904	1.12640	3.35619	295.069	1.4216	1.0303	1.9518
17 200	8.40253	1.11756	3.34299	295.069	1.4216	1.0384	1.9518
17 250	8.33654	1.10878	3.32984	295.069	1.4216	1.0466	1.9518
17 300	8.27107	1.10007	3.31674	295.069	1.4216	1.0549	1.9518
17 350	8.20612	1.09143	3.30369	295.069	1.4216	1.0633	1.9518
17 400	8.14167	1.08286	3.29069	295.069	1.4216	1.0717	1.9518
17 450	8.07773	1.07436	3.27774	295.069	1.4216	1.0802	1.9518
17 500	8.01429 –2	1.06592 –1	3.26484 –1	295.069	1.4216 –5	1.0887 –4	1.9518 –2
17 550	7.95135	1.05755	3.25200	295.069	1.4216	1.0973	1.9518
17 600	7.88891	1.04924	3.23920	295.069	1.4216	1.1060	1.9518
17 650	7.82695	1.04100	3.22646	295.069	1.4216	1.1148	1.9518
17 700	7.76548	1.03283	3.21377	295.069	1.4216	1.1236	1.9518
17 750	7.70450	1.02472	3.20112	295.069	1.4216	1.1325	1.9518
17 800	7.64399	1.01667	3.18853	295.069	1.4216	1.1415	1.9518
17 850	7.58396	1.00869	3.17598	295.069	1.4216	1.1505	1.9518
17 900	7.52440	1.00076	3.16349	295.069	1.4216	1.1596	1.9518
17 950	7.46531	9.92905 –2	3.15104	295.069	1.4216	1.1688	1.9518
18 000	7.40668 –2	9.85107 –2	3.13864 –1	295.069	1.4216 –5	1.1780 –4	1.9518 –2
18 050	7.34851	9.77371	3.12629	295.069	1.4216	1.1874	1.9518
18 100	7.29080	9.69695	3.11399	295.069	1.4216	1.1968	1.9518
18 150	7.23354	9.62080	3.10174	295.069	1.4216	1.2062	1.9518
18 200	7.17673	9.54524	3.08954	295.069	1.4216	1.2158	1.9518
18 250	7.12037	9.47028	3.07738	295.069	1.4216	1.2254	1.9518
18 300	7.06445	9.39590	3.06527	295.069	1.4216	1.2351	1.9518
18 350	7.00897	9.32211	3.05321	295.069	1.4216	1.2449	1.9518
18 400	6.95393	9.24890	3.04120	295.069	1.4216	1.2547	1.9518
18 450	6.89932	9.17627	3.02924	295.069	1.4216	1.2647	1.9518
18 500	6.84513 –2	9.10420 –2	3.01732 –1	295.069	1.4216 –5	1.2747 –4	1.9518 –2
18 550	6.79138	9.03270	3.00545	295.069	1.4216	1.2848	1.9518
18 600	6.73804	8.96176	2.99362	295.069	1.4216	1.2949	1.9518
18 650	6.68512	8.89138	2.98184	295.069	1.4216	1.3052	1.9518
18 700	6.63262	8.82156	2.97011	295.069	1.4216	1.3155	1.9518
18 750	6.58053	8.75228	2.95842	295.069	1.4216	1.3259	1.9518
18 800	6.52885	8.68354	2.94678	295.069	1.4216	1.3364	1.9518
18 850	6.47758	8.61535	2.93519	295.069	1.4216	1.3470	1.9518
18 900	6.42671	8.54769	2.92364	295.069	1.4216	1.3577	1.9518
18 950	6.37624	8.48056	2.91214	295.069	1.4216	1.3684	1.9518

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
19 000	6.38290 –2	8.48942 –2	2.91366 –1	295.069	1.4216 –5	1.3670 –4	1.9518 –2
19 050	6.33307	8.42314	2.90226	295.069	1.4216	1.3778	1.9518
19 100	6.28363	8.35738	2.89091	295.069	1.4216	1.3886	1.9518
19 150	6.23457	8.29214	2.87961	295.069	1.4216	1.3995	1.9518
19 200	6.18590	8.22741	2.86835	295.069	1.4216	1.4105	1.9518
19 250	6.13762	8.16318	2.85713	295.069	1.4216	1.4216	1.9518
19 300	6.08970	8.09946	2.84596	295.069	1.4216	1.4328	1.9518
19 350	6.04217	8.03624	2.83483	295.069	1.4216	1.4441	1.9518
19 400	5.99500	7.97350	2.82374	295.069	1.4216	1.4554	1.9518
19 450	5.94821	7.91127	2.81270	295.069	1.4216	1.4669	1.9518
19 500	5.90178 –2	7.84951 –2	2.80170 –1	295.069	1.4216 –5	1.4784 –4	1.9518 –2
19 550	5.85571	7.78824	2.79074	295.069	1.4216	1.4901	1.9518
19 600	5.81000	7.72745	2.77983	295.069	1.4216	1.5018	1.9518
19 650	5.76465	7.66714	2.76896	295.069	1.4216	1.5136	1.9518
19 700	5.71966	7.60729	2.75813	295.069	1.4216	1.5255	1.9518
19 750	5.67502	7.54792	2.74735	295.069	1.4216	1.5375	1.9518
19 800	5.63072	7.48901	2.73660	295.069	1.4216	1.5496	1.9518
19 850	5.58678	7.43055	2.72590	295.069	1.4216	1.5618	1.9518
19 900	5.54317	7.37256	2.71525	295.069	1.4216	1.5741	1.9518
19 950	5.49991	7.31502	2.70463	295.069	1.4216	1.5865	1.9518
20 000	5.45699 –2	7.25793 –2	2.69405 –1	295.069	1.4216 –5	1.5989 –4	1.9518 –2
20 050	5.41440	7.20129	2.68352	295.069	1.4216	1.6115	1.9518
20 100	5.37215	7.14388	2.67280	295.094	1.4218	1.6247	1.9521
20 150	5.33023	7.08652	2.66205	295.128	1.4221	1.6382	1.9525
20 200	5.28865	7.02963	2.65135	295.162	1.4224	1.6517	1.9529
20 250	5.24741	6.97322	2.64069	295.196	1.4226	1.6654	1.9533
20 300	5.20650	6.91727	2.63007	295.230	1.4229	1.6792	1.9538
20 350	5.16592	6.86178	2.61950	295.264	1.4232	1.6931	1.9542
20 400	5.12567	6.80675	2.60897	295.297	1.4235	1.7071	1.9546
20 450	5.08574	6.75218	2.59850	295.331	1.4237	1.7213	1.9550
20 500	5.04612 –2	6.69805 –2	2.58806 –1	295.365	1.4240 –5	1.7355 –4	1.9554 –2
20 550	5.00683	6.64438	2.57767	295.399	1.4243	1.7499	1.9558
20 600	4.96786	6.59114	2.56732	295.433	1.4245	1.7643	1.9563
20 650	4.92919	6.53835	2.55702	295.466	1.4248	1.7789	1.9567
20 700	4.89083	6.48599	2.54676	295.500	1.4251	1.7936	1.9571
20 750	4.85279	6.43406	2.53655	295.534	1.4254	1.8084	1.9575
20 800	4.81505	6.38257	2.52637	295.568	1.4256	1.8234	1.9579
20 850	4.77761	6.33149	2.51625	295.601	1.4259	1.8384	1.9584
20 900	4.74047	6.28084	2.50616	295.635	1.4262	1.8536	1.9588
20 950	4.70363	6.23061	2.49612	295.669	1.4265	1.8689	1.9592
21 000	4.66708 –2	6.18078 –2	2.48612 –1	295.703	1.4267 –5	1.8843 –4	1.9596 –2
21 050	4.63083	6.13137	2.47616	295.736	1.4270	1.8999	1.9600
21 100	4.59487	6.08237	2.46625	295.770	1.4273	1.9156	1.9604
21 150	4.55919	6.03377	2.45637	295.804	1.4275	1.9314	1.9609
21 200	4.52381	5.98557	2.44654	295.838	1.4278	1.9473	1.9613
21 250	4.48870	5.93777	2.43675	295.871	1.4281	1.9633	1.9617
21 300	4.45387	5.89035	2.42700	295.905	1.4284	1.9795	1.9621
21 350	4.41933	5.84333	2.41730	295.939	1.4286	1.9958	1.9625
21 400	4.38506	5.79670	2.40763	295.973	1.4289	2.0123	1.9630
21 450	4.35106	5.75045	2.39801	296.006	1.4292	2.0288	1.9634
21 500	4.31734 –2	5.70458 –2	2.38843 –1	296.040	1.4294 –5	2.0455 –4	1.9638 –2
21 550	4.28388	5.65909	2.37888	296.074	1.4297	2.0624	1.9642
21 600	4.25069	5.61397	2.36938	296.107	1.4300	2.0793	1.9646
21 650	4.21777	5.56922	2.35992	296.141	1.4303	2.0965	1.9650
21 700	4.18511	5.52483	2.35050	296.175	1.4305	2.1137	1.9655
21 750	4.15271	5.48082	2.34111	296.209	1.4308	2.1311	1.9659
21 800	4.12057	5.43716	2.33177	296.242	1.4311	2.1486	1.9663
21 850	4.08869	5.39386	2.32247	296.276	1.4314	2.1663	1.9667
21 900	4.05706	5.35092	2.31321	296.310	1.4316	2.1841	1.9671
21 950	4.02568	5.30833	2.30398	296.343	1.4319	2.2020	1.9676

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
19 000	6.32616 –2	8.41396 –2	2.90068 –1	295.069	1.4216 –5	1.3793 –4	1.9518 –2
19 050	6.27648	8.34788	2.88927	295.069	1.4216	1.3902	1.9518
19 100	6.22719	8.28232	2.87790	295.069	1.4216	1.4012	1.9518
19 150	6.17828	8.21727	2.86658	295.069	1.4216	1.4123	1.9518
19 200	6.12976	8.15274	2.85530	295.069	1.4216	1.4234	1.9518
19 250	6.08162	8.08871	2.84407	295.069	1.4216	1.4347	1.9518
19 300	6.03386	8.02519	2.83288	295.069	1.4216	1.4461	1.9518
19 350	5.98648	7.96216	2.82173	295.069	1.4216	1.4575	1.9518
19 400	5.93946	7.89963	2.81063	295.069	1.4216	1.4691	1.9518
19 450	5.89281	7.83759	2.79957	295.069	1.4216	1.4807	1.9518
19 500	5.84654 –2	7.77604 –2	2.78856 –1	295.069	1.4216 –5	1.4924 –4	1.9518 –2
19 550	5.80062	7.71497	2.77758	295.069	1.4216	1.5042	1.9518
19 600	5.75507	7.65438	2.76666	295.069	1.4216	1.5161	1.9518
19 650	5.70987	7.59427	2.75577	295.069	1.4216	1.5281	1.9518
19 700	5.66503	7.53463	2.74493	295.069	1.4216	1.5402	1.9518
19 750	5.62054	7.47546	2.73413	295.069	1.4216	1.5524	1.9518
19 800	5.57640	7.41675	2.72337	295.069	1.4216	1.5647	1.9518
19 850	5.53260	7.35850	2.71266	295.069	1.4216	1.5771	1.9518
19 900	5.48915	7.30071	2.70198	295.069	1.4216	1.5896	1.9518
19 950	5.44605	7.24338	2.69135	295.069	1.4216	1.6022	1.9518
20 000	5.40328 –2	7.18649 –2	2.68076 –1	295.069	1.4216 –5	1.6148 –4	1.9518 –2
20 050	5.36084	7.12841	2.66991	295.104	1.4219	1.6283	1.9522
20 100	5.31876	7.07082	2.65910	295.138	1.4222	1.6419	1.9526
20 150	5.27701	7.01370	2.64834	295.172	1.4224	1.6556	1.9530
20 200	5.23560	6.95706	2.63762	295.206	1.4227	1.6694	1.9535
20 250	5.19453	6.90089	2.62695	295.240	1.4230	1.6833	1.9539
20 300	5.15378	6.84518	2.61633	295.274	1.4233	1.6973	1.9543
20 350	5.11337	6.78994	2.60575	295.308	1.4235	1.7115	1.9547
20 400	5.07328	6.73516	2.59522	295.342	1.4238	1.7257	1.9551
20 450	5.03352	6.68083	2.58473	295.376	1.4241	1.7401	1.9556
20 500	4.99407 –2	6.62695 –2	2.57429 –1	295.410	1.4244 –5	1.7546 –4	1.9560 –2
20 550	4.95495	6.57352	2.56389	295.444	1.4246	1.7692	1.9564
20 600	4.91613	6.52053	2.55353	295.478	1.4249	1.7839	1.9568
20 650	4.87764	6.46797	2.54322	295.512	1.4252	1.7987	1.9572
20 700	4.83945	6.41586	2.53295	295.546	1.4255	1.8137	1.9577
20 750	4.80157	6.36418	2.52273	295.580	1.4257	1.8288	1.9581
20 800	4.76400	6.31292	2.51255	295.614	1.4260	1.8440	1.9585
20 850	4.72672	6.26209	2.50242	295.648	1.4263	1.8593	1.9589
20 900	4.68975	6.21168	2.49232	295.682	1.4266	1.8747	1.9594
20 950	4.65307	6.16169	2.48227	295.716	1.4268	1.8903	1.9598
21 000	4.61670 –2	6.11211 –2	2.47227 –1	295.750	1.4271 –5	1.9060 –4	1.9602 –2
21 050	4.58061	6.06294	2.46230	295.784	1.4274	1.9219	1.9606
21 100	4.54481	6.01418	2.45238	295.818	1.4277	1.9378	1.9610
21 150	4.50930	5.96582	2.44250	295.852	1.4279	1.9539	1.9615
21 200	4.47408	5.91786	2.43266	295.886	1.4282	1.9701	1.9619
21 250	4.43914	5.87030	2.42287	295.920	1.4285	1.9864	1.9623
21 300	4.40448	5.82313	2.41312	295.953	1.4287	2.0029	1.9627
21 350	4.37010	5.77635	2.40340	295.987	1.4290	2.0195	1.9631
21 400	4.33600	5.72996	2.39373	296.021	1.4293	2.0363	1.9636
21 450	4.30217	5.68395	2.38410	296.055	1.4296	2.0531	1.9640
21 500	4.26861 –2	5.63832 –2	2.37451 –1	296.089	1.4298 –5	2.0702 –4	1.9644 –2
21 550	4.23532	5.59306	2.36497	296.123	1.4301	2.0873	1.9648
21 600	4.20229	5.54818	2.35546	296.157	1.4304	2.1046	1.9652
21 650	4.16954	5.50367	2.34599	296.191	1.4307	2.1220	1.9657
21 700	4.13704	5.45953	2.33656	296.225	1.4309	2.1396	1.9661
21 750	4.10481	5.41575	2.32718	296.259	1.4312	2.1573	1.9665
21 800	4.07283	5.37233	2.31783	296.293	1.4315	2.1751	1.9669
21 850	4.04111	5.32927	2.30852	296.327	1.4318	2.1931	1.9673
21 900	4.00965	5.28657	2.29925	296.361	1.4320	2.2113	1.9678
21 950	3.97843	5.24421	2.29003	296.394	1.4323	2.2296	1.9682

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
22 000	3.99456 –2	5.26609 –2	2.29480 –1	296.377	1.4322 –5	2.2201 –4	1.9680 –2
22 050	3.96368	5.22420	2.28565	296.411	1.4324	2.2383	1.9684
22 100	3.93304	5.18264	2.27654	296.444	1.4327	2.2567	1.9688
22 150	3.90266	5.14143	2.26747	296.478	1.4330	2.2752	1.9692
22 200	3.87251	5.10056	2.25844	296.512	1.4333	2.2939	1.9696
22 250	3.84260	5.06002	2.24945	296.545	1.4335	2.3127	1.9701
22 300	3.81293	5.01981	2.24049	296.579	1.4338	2.3317	1.9705
22 350	3.78350	4.97994	2.23158	296.612	1.4341	2.3508	1.9709
22 400	3.75430	4.94038	2.22270	296.646	1.4343	2.3700	1.9713
22 450	3.72534	4.90116	2.21386	296.680	1.4346	2.3895	1.9717
22 500	3.69660 –2	4.86225 –2	2.20505 –1	296.713	1.4349 –5	2.4090 –4	1.9721 –2
22 550	3.66810	4.82366	2.19628	296.747	1.4352	2.4288	1.9726
22 600	3.63982	4.78539	2.18755	296.781	1.4354	2.4487	1.9730
22 650	3.61176	4.74743	2.17886	296.814	1.4357	2.4687	1.9734
22 700	3.58393	4.70978	2.17020	296.848	1.4360	2.4889	1.9738
22 750	3.55632	4.67243	2.16158	296.881	1.4362	2.5093	1.9742
22 800	3.52893	4.63540	2.15300	296.915	1.4365	2.5298	1.9747
22 850	3.50175	4.59866	2.14445	296.949	1.4368	2.5505	1.9751
22 900	3.47479	4.56222	2.13594	296.982	1.4371	2.5713	1.9755
22 950	3.44805	4.52609	2.12746	297.016	1.4373	2.5924	1.9759
23 000	3.42152 –2	4.49025 –2	2.11902 –1	297.049	1.4376 –5	2.6136 –4	1.9763 –2
23 050	3.39520	4.45470	2.11061	297.083	1.4379	2.6349	1.9767
23 100	3.36908	4.41943	2.10225	297.116	1.4381	2.6564	1.9772
23 150	3.34318	4.38446	2.09391	297.150	1.4384	2.6781	1.9776
23 200	3.31748	4.34977	2.08561	297.184	1.4387	2.7000	1.9780
23 250	3.29198	4.31537	2.07735	297.217	1.4390	2.7220	1.9784
23 300	3.26668	4.28124	2.06912	297.251	1.4392	2.7442	1.9788
23 350	3.24159	4.24740	2.06092	297.284	1.4395	2.7666	1.9792
23 400	3.21670	4.21383	2.05276	297.318	1.4398	2.7892	1.9797
23 450	3.19200	4.18053	2.04463	297.351	1.4400	2.8119	1.9801
23 500	3.16749 –2	4.14750 –2	2.03654 –1	297.385	1.4403 –5	2.8349 –4	1.9805 –2
23 550	3.14318	4.11474	2.02848	297.418	1.4406	2.8580	1.9809
23 600	3.11907	4.08225	2.02046	297.452	1.4409	2.8813	1.9813
23 650	3.09514	4.05002	2.01247	297.485	1.4411	2.9047	1.9817
23 700	3.07140	4.01806	2.00451	297.519	1.4414	2.9284	1.9822
23 750	3.04786	3.98635	1.99658	297.553	1.4417	2.9522	1.9826
23 800	3.02449	3.95491	1.98869	297.586	1.4419	2.9763	1.9830
23 850	3.00131	3.92371	1.98084	297.620	1.4422	3.0005	1.9834
23 900	2.97832	3.89277	1.97301	297.653	1.4425	3.0249	1.9838
23 950	2.95551	3.86209	1.96522	297.687	1.4427	3.0495	1.9842
24 000	2.93287 –2	3.83165 –2	1.95746 –1	297.720	1.4430 –5	3.0743 –4	1.9847 –2
24 050	2.91042	3.80146	1.94973	297.754	1.4433	3.0993	1.9851
24 100	2.88814	3.77151	1.94204	297.787	1.4436	3.1245	1.9855
24 150	2.86604	3.74181	1.93438	297.821	1.4438	3.1499	1.9859
24 200	2.84411	3.71235	1.92675	297.854	1.4441	3.1755	1.9863
24 250	2.82236	3.68313	1.91915	297.887	1.4444	3.2013	1.9867
24 300	2.80078	3.65414	1.91158	297.921	1.4446	3.2273	1.9872
24 350	2.77937	3.62539	1.90405	297.954	1.4449	3.2535	1.9876
24 400	2.75812	3.59687	1.89654	297.988	1.4452	3.2799	1.9880
24 450	2.73704	3.56858	1.88907	298.021	1.4455	3.3065	1.9884
24 500	2.71614 –2	3.54052 –2	1.88163 –1	298.055	1.4457 –5	3.3334 –4	1.9888 –2
24 550	2.69539	3.51270	1.87422	298.088	1.4460	3.3604	1.9892
24 600	2.67481	3.48509	1.86684	298.122	1.4463	3.3876	1.9897
24 650	2.65439	3.45771	1.85949	298.155	1.4465	3.4151	1.9901
24 700	2.63413	3.43055	1.85217	298.189	1.4468	3.4428	1.9905
24 750	2.61403	3.40361	1.84489	298.222	1.4471	3.4707	1.9909
24 800	2.59409	3.37689	1.83763	298.255	1.4473	3.4988	1.9913
24 850	2.57430	3.35038	1.83040	298.289	1.4476	3.5271	1.9917
24 900	2.55467	3.32409	1.82321	298.322	1.4479	3.5557	1.9922
24 950	2.53520	3.29801	1.81604	298.356	1.4482	3.5845	1.9926

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
22 000	3.94747 –2	5.20221 –2	2.28084 –1	296.428	1.4326 –5	2.2480 –4	1.9686 –2
22 050	3.91675	5.16055	2.27168	296.462	1.4329	2.2666	1.9690
22 100	3.88628	5.11924	2.26257	296.496	1.4331	2.2853	1.9695
22 150	3.85606	5.07826	2.25350	296.530	1.4334	2.3042	1.9699
22 200	3.82608	5.03762	2.24447	296.564	1.4337	2.3232	1.9703
22 250	3.79633	4.99732	2.23547	296.598	1.4340	2.3424	1.9707
22 300	3.76683	4.95735	2.22651	296.632	1.4342	2.3617	1.9711
22 350	3.73756	4.91770	2.21759	296.665	1.4345	2.3812	1.9716
22 400	3.70852	4.87839	2.20871	296.699	1.4348	2.4009	1.9720
22 450	3.67972	4.83939	2.19986	296.733	1.4350	2.4207	1.9724
22 500	3.65115 –2	4.80072 –2	2.19105 –1	296.767	1.4353 –5	2.4407 –4	1.9728 –2
22 550	3.62280	4.76236	2.18228	296.801	1.4356	2.4608	1.9732
22 600	3.59468	4.72432	2.17355	296.835	1.4359	2.4811	1.9737
22 650	3.56679	4.68659	2.16485	296.869	1.4361	2.5015	1.9741
22 700	3.53912	4.64917	2.15619	296.902	1.4364	2.5221	1.9745
22 750	3.51167	4.61206	2.14757	296.936	1.4367	2.5429	1.9749
22 800	3.48443	4.57525	2.13898	296.970	1.4370	2.5639	1.9753
22 850	3.45742	4.53875	2.13043	297.004	1.4372	2.5850	1.9758
22 900	3.43062	4.50255	2.12192	297.038	1.4375	2.6062	1.9762
22 950	3.40404	4.46664	2.11344	297.072	1.4378	2.6277	1.9766
23 000	3.37767 –2	4.43102 –2	2.10500 –1	297.105	1.4381 –5	2.6493 –4	1.9770 –2
23 050	3.35150	4.39570	2.09659	297.139	1.4383	2.6711	1.9774
23 100	3.32555	4.36067	2.08822	297.173	1.4386	2.6931	1.9779
23 150	3.29980	4.32592	2.07989	297.207	1.4389	2.7152	1.9783
23 200	3.27426	4.29146	2.07158	297.241	1.4391	2.7376	1.9787
23 250	3.24892	4.25728	2.06332	297.274	1.4394	2.7601	1.9791
23 300	3.22379	4.22338	2.05509	297.308	1.4397	2.7827	1.9795
23 350	3.19885	4.18976	2.04689	297.342	1.4400	2.8056	1.9800
23 400	3.17411	4.15642	2.03873	297.376	1.4402	2.8286	1.9804
23 450	3.14957	4.12334	2.03060	297.410	1.4405	2.8519	1.9808
23 500	3.12522 –2	4.09054 –2	2.02251 –1	297.443	1.4408 –5	2.8753 –4	1.9812 –2
23 550	3.10107	4.05801	2.01445	297.477	1.4411	2.8989	1.9816
23 600	3.07711	4.02574	2.00642	297.511	1.4413	2.9227	1.9821
23 650	3.05334	3.99374	1.99843	297.545	1.4416	2.9467	1.9825
23 700	3.02976	3.96199	1.99048	297.578	1.4419	2.9708	1.9829
23 750	3.00637	3.93051	1.98255	297.612	1.4421	2.9952	1.9833
23 800	2.98316	3.89928	1.97466	297.646	1.4424	3.0197	1.9837
23 850	2.96013	3.86831	1.96680	297.680	1.4427	3.0445	1.9842
23 900	2.93730	3.83760	1.95898	297.713	1.4430	3.0694	1.9846
23 950	2.91464	3.80713	1.95119	297.747	1.4432	3.0946	1.9850
24 000	2.89216 –2	3.77691 –2	1.94343 –1	297.781	1.4435 –5	3.1199 –4	1.9854 –2
24 050	2.86986	3.74694	1.93570	297.815	1.4438	3.1455	1.9858
24 100	2.84773	3.71721	1.92801	297.848	1.4441	3.1712	1.9863
24 150	2.82579	3.68773	1.92035	297.882	1.4443	3.1972	1.9867
24 200	2.80401	3.65848	1.91272	297.916	1.4446	3.2234	1.9871
24 250	2.78241	3.62948	1.90512	297.950	1.4449	3.2497	1.9875
24 300	2.76098	3.60071	1.89755	297.983	1.4451	3.2763	1.9879
24 350	2.73972	3.57217	1.89002	298.017	1.4454	3.3031	1.9884
24 400	2.71863	3.54387	1.88252	298.051	1.4457	3.3301	1.9888
24 450	2.69770	3.51580	1.87505	298.084	1.4460	3.3574	1.9892
24 500	2.67694 –2	3.48796 –2	1.86761 –1	298.118	1.4462 –5	3.3848 –4	1.9896 –2
24 550	2.65635	3.46034	1.86020	298.152	1.4465	3.4124	1.9900
24 600	2.63592	3.43295	1.85282	298.186	1.4468	3.4403	1.9905
24 650	2.61565	3.40578	1.84548	298.219	1.4471	3.4684	1.9909
24 700	2.59554	3.37883	1.83816	298.253	1.4473	3.4967	1.9913
24 750	2.57559	3.35210	1.83087	298.287	1.4476	3.5253	1.9917
24 800	2.55579	3.32559	1.82362	298.320	1.4479	3.5541	1.9921
24 850	2.53616	3.29929	1.81640	298.354	1.4481	3.5831	1.9926
24 900	2.51668	3.27321	1.80920	298.388	1.4484	3.6123	1.9930
24 950	2.49735	3.24734	1.80204	298.421	1.4487	3.6417	1.9934

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
25 000	2.51588 –2	3.27214 –2	1.80891 –1	298.389	1.4484 –5	3.6135 –4	1.9930 –2
25 050	2.49671	3.24648	1.80180	298.422	1.4487	3.6427	1.9934
25 100	2.47769	3.22103	1.79472	298.456	1.4490	3.6722	1.9938
25 150	2.45882	3.19578	1.78768	298.489	1.4492	3.7019	1.9942
25 200	2.44009	3.17074	1.78066	298.523	1.4495	3.7318	1.9947
25 250	2.42152	3.14590	1.77367	298.556	1.4498	3.7620	1.9951
25 300	2.40309	3.12126	1.76671	298.589	1.4500	3.7924	1.9955
25 350	2.38481	3.09682	1.75978	298.623	1.4503	3.8231	1.9959
25 400	2.36666	3.07258	1.75288	298.656	1.4506	3.8539	1.9963
25 450	2.34867	3.04853	1.74600	298.690	1.4509	3.8851	1.9967
25 500	2.33081 –2	3.02467 –2	1.73916 –1	298.723	1.4511 –5	3.9164 –4	1.9972 –2
25 550	2.31309	3.00101	1.73234	298.756	1.4514	3.9480	1.9976
25 600	2.29551	2.97754	1.72555	298.790	1.4517	3.9799	1.9980
25 650	2.27807	2.95426	1.71880	298.823	1.4519	4.0120	1.9984
25 700	2.26077	2.93116	1.71206	298.856	1.4522	4.0444	1.9988
25 750	2.24360	2.90825	1.70536	298.890	1.4525	4.0770	1.9992
25 800	2.22657	2.88553	1.69868	298.923	1.4527	4.1099	1.9996
25 850	2.20967	2.86299	1.69204	298.956	1.4530	4.1430	2.0001
25 900	2.19290	2.84063	1.68542	298.990	1.4533	4.1764	2.0005
25 950	2.17626	2.81845	1.67882	299.023	1.4535	4.2100	2.0009
26 000	2.15975 –2	2.79645 –2	1.67226 –1	299.056	1.4538 –5	4.2439 –4	2.0013 –2
26 050	2.14337	2.77462	1.66572	299.090	1.4541	4.2781	2.0017
26 100	2.12712	2.75297	1.65921	299.123	1.4544	4.3125	2.0021
26 150	2.11100	2.73149	1.65272	299.156	1.4546	4.3473	2.0026
26 200	2.09500	2.71019	1.64627	299.190	1.4549	4.3822	2.0030
26 250	2.07913	2.68906	1.63984	299.223	1.4552	4.4175	2.0034
26 300	2.06338	2.66810	1.63343	299.256	1.4554	4.4530	2.0038
26 350	2.04776	2.64731	1.62705	299.289	1.4557	4.4888	2.0042
26 400	2.03225	2.62668	1.62070	299.323	1.4560	4.5249	2.0046
26 450	2.01687	2.60622	1.61438	299.356	1.4562	4.5613	2.0051
26 500	2.00161 –2	2.58592 –2	1.60808 –1	299.389	1.4565 –5	4.5979 –4	2.0055 –2
26 550	1.98647	2.56579	1.60181	299.423	1.4568	4.6349	2.0059
26 600	1.97144	2.54581	1.59556	299.456	1.4570	4.6721	2.0063
26 650	1.95653	2.52600	1.58934	299.489	1.4573	4.7096	2.0067
26 700	1.94174	2.50635	1.58315	299.522	1.4576	4.7474	2.0071
26 750	1.92707	2.48685	1.57697	299.556	1.4579	4.7855	2.0075
26 800	1.91250	2.46751	1.57083	299.589	1.4581	4.8239	2.0080
26 850	1.89806	2.44833	1.56471	299.622	1.4584	4.8626	2.0084
26 900	1.88372	2.42930	1.55062	299.655	1.4587	4.9016	2.0088
26 950	1.86950	2.41042	1.55255	299.689	1.4589	4.9409	2.0092
27 000	1.85538 –2	2.39169 –2	1.54651 –1	299.722	1.4592 –5	4.9805 –4	2.0096 –2
27 050	1.84138	2.37311	1.54049	299.755	1.4595	5.0204	2.0100
27 100	1.82749	2.35468	1.53450	299.788	1.4597	5.0606	2.0104
27 150	1.81370	2.33640	1.52853	299.822	1.4600	5.1012	2.0109
27 200	1.80002	2.31827	1.52259	299.855	1.4603	5.1420	2.0113
27 250	1.78645	2.30028	1.51667	299.888	1.4605	5.1832	2.0117
27 300	1.77298	2.28243	1.51077	299.921	1.4608	5.2247	2.0121
27 350	1.75962	2.26473	1.50490	299.954	1.4611	5.2665	2.0125
27 400	1.74636	2.24716	1.49905	299.988	1.4613	5.3086	2.0129
27 450	1.73320	2.22974	1.49323	300.021	1.4616	5.3511	2.0134
27 500	1.72015 –2	2.21246 –2	1.48743 –1	300.054	1.4619 –5	5.3939 –4	2.0138 –2
27 550	1.70720	2.19531	1.48166	300.087	1.4622	5.4370	2.0142
27 600	1.69434	2.17831	1.47591	300.120	1.4624	5.4805	2.0146
27 650	1.68159	2.16143	1.47018	300.154	1.4627	5.5243	2.0150
27 700	1.66894	2.14470	1.46448	300.187	1.4630	5.5684	2.0154
27 750	1.65638	2.12809	1.45880	300.220	1.4632	5.6129	2.0158
27 800	1.64393	2.11162	1.45314	300.253	1.4635	5.6577	2.0163
27 850	1.63157	2.09528	1.44751	300.286	1.4638	5.7029	2.0167
27 900	1.61930	2.07907	1.44190	300.320	1.4640	5.7484	2.0171
27 950	1.60713	2.06299	1.43631	300.353	1.4643	5.7943	2.0175

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
25 000	2.47818 –2	3.22168 –2	1.79491 –1	298.455	1.4490 –5	3.6714 –4	1.9938 –2
25 050	2.45915	3.19623	1.78780	298.489	1.4492	3.7014	1.9942
25 100	2.44028	3.17099	1.78073	298.522	1.4495	3.7315	1.9947
25 150	2.42156	3.14595	1.77368	298.556	1.4498	3.7619	1.9951
25 200	2.40298	3.12111	1.76667	298.590	1.4500	3.7926	1.9955
25 250	2.38455	3.09648	1.75968	298.623	1.4503	3.8235	1.9959
25 300	2.36627	3.07204	1.75273	298.657	1.4506	3.8546	1.9963
25 350	2.34813	3.04781	1.74580	298.691	1.4509	3.8860	1.9967
25 400	2.33013	3.02377	1.73890	298.724	1.4511	3.9176	1.9972
25 450	2.31228	2.99992	1.73203	298.758	1.4514	3.9495	1.9976
25 500	2.29457 –2	2.97627 –2	1.72519 –1	298.791	1.4517 –5	3.9816 –4	1.9980 –2
25 550	2.27699	2.95282	1.71838	298.825	1.4519	4.0140	1.9984
25 600	2.25956	2.92954	1.71159	298.859	1.4522	4.0467	1.9988
25 650	2.24226	2.90646	1.70484	298.892	1.4525	4.0796	1.9993
25 700	2.22510	2.88357	1.69811	298.926	1.4528	4.1127	1.9997
25 750	2.20807	2.86086	1.69141	298.960	1.4530	4.1461	2.0001
25 800	2.19118	2.83834	1.68474	298.993	1.4533	4.1798	2.0005
25 850	2.17442	2.81599	1.67809	299.027	1.4536	4.2138	2.0009
25 900	2.15779	2.79383	1.67148	299.060	1.4539	4.2480	2.0014
25 950	2.14130	2.77185	1.66489	299.094	1.4541	4.2825	2.0018
26 000	2.12493 –2	2.75005 –2	1.65833 –1	299.127	1.4544 –5	4.3172 –4	2.0022 –2
26 050	2.10869	2.72842	1.65179	299.161	1.4547	4.3523	2.0026
26 100	2.09258	2.70697	1.64529	299.195	1.4549	4.3876	2.0030
26 150	2.07660	2.68569	1.63881	299.228	1.4552	4.4232	2.0035
26 200	2.06074	2.66458	1.63235	299.262	1.4555	4.4590	2.0039
26 250	2.04500	2.64364	1.62593	299.295	1.4558	4.4952	2.0043
26 300	2.02939	2.62287	1.61953	299.329	1.4560	4.5316	2.0047
26 350	2.01391	2.60227	1.61316	299.363	1.4563	4.5684	2.0051
26 400	1.99854	2.58184	1.60681	299.396	1.4566	4.6054	2.0056
26 450	1.98330	2.56157	1.60049	299.430	1.4568	4.6427	2.0060
26 500	1.96817 –2	2.54147 –2	1.59420 –1	299.463	1.4571 –5	4.6803 –4	2.0064 –2
26 550	1.95316	2.52152	1.58793	299.497	1.4574	4.7182	2.0068
26 600	1.93828	2.50174	1.58169	299.530	1.4577	4.7564	2.0072
26 650	1.92350	2.48212	1.57547	299.564	1.4579	4.7949	2.0076
26 700	1.90885	2.46266	1.56929	299.597	1.4582	4.8337	2.0081
26 750	1.89431	2.44335	1.56312	299.631	1.4585	4.8728	2.0085
26 800	1.87988	2.42420	1.55698	299.664	1.4587	4.9122	2.0089
26 850	1.86556	2.40520	1.55087	299.698	1.4590	4.9519	2.0093
26 900	1.85136	2.38636	1.54478	299.731	1.4593	4.9919	2.0097
26 950	1.83727	2.36766	1.53872	299.765	1.4595	5.0323	2.0102
27 000	1.82329 –2	2.34912 –2	1.53268 –1	299.798	1.4598 –5	5.0729 –4	2.0106 –2
27 050	1.80942	2.33073	1.52667	299.832	1.4601	5.1139	2.0110
27 100	1.79566	2.31248	1.52069	299.865	1.4604	5.1552	2.0114
27 150	1.78200	2.29439	1.51472	299.899	1.4606	5.1968	2.0118
27 200	1.76845	2.27644	1.50879	299.933	1.4609	5.2388	2.0123
27 250	1.75501	2.25863	1.50287	299.966	1.4612	5.2811	2.0127
27 300	1.74168	2.24096	1.49698	299.999	1.4614	5.3237	2.0131
27 350	1.72844	2.22344	1.49112	300.033	1.4617	5.3666	2.0135
27 400	1.71531	2.20606	1.48528	300.066	1.4620	5.4099	2.0139
27 450	1.70229	2.18882	1.47947	300.100	1.4623	5.4535	2.0143
27 500	1.68936 –2	2.17171 –2	1.47367 –1	300.133	1.4625 –5	5.4975 –4	2.0148 –2
27 550	1.67654	2.15475	1.46791	300.167	1.4628	5.5418	2.0152
27 600	1.66382	2.13792	1.46216	300.200	1.4631	5.5865	2.0156
27 650	1.65119	2.12122	1.45644	300.234	1.4633	5.6315	2.0160
27 700	1.63867	2.10466	1.45075	300.267	1.4636	5.6768	2.0164
27 750	1.62624	2.08824	1.44507	300.301	1.4639	5.7226	2.0169
27 800	1.61391	2.07194	1.43942	300.334	1.4642	5.7686	2.0173
27 850	1.60167	2.05578	1.43380	300.368	1.4644	5.8151	2.0177
27 900	1.58953	2.03974	1.42820	300.401	1.4647	5.8619	2.0181
27 950	1.57749	2.02384	1.42262	300.435	1.4650	5.9090	2.0185

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
28 000	1.59506 –2	2.04704 –2	1.43075 –1	300.386	1.4646 –5	5.8405 –4	2.0179 –2
28 050	1.58307	2.03121	1.42520	300.419	1.4648	5.8871	2.0183
28 100	1.57118	2.01551	1.41969	300.452	1.4651	5.9340	2.0187
28 150	1.55939	1.99994	1.41419	300.485	1.4654	5.9813	2.0192
28 200	1.54768	1.98449	1.40872	300.518	1.4656	6.0290	2.0196
28 250	1.53607	1.96916	1.40327	300.552	1.4659	6.0770	2.0200
28 300	1.52454	1.95395	1.39784	300.585	1.4662	6.1254	2.0204
28 350	1.51311	1.93887	1.39243	300.618	1.4664	6.1742	2.0208
28 400	1.50176	1.92390	1.38705	300.651	1.4667	6.2234	2.0212
28 450	1.49050	1.90906	1.38169	300.684	1.4670	6.2729	2.0217
28 500	1.47932 –2	1.89433 –2	1.37635 –1	300.717	1.4673 –5	6.3229 –4	2.0221 –2
28 550	1.46824	1.87972	1.37103	300.750	1.4675	6.3732	2.0225
28 600	1.45724	1.86522	1.36573	300.783	1.4678	6.4239	2.0229
28 650	1.44632	1.85084	1.36046	300.816	1.4681	6.4750	2.0233
28 700	1.43549	1.83658	1.35520	300.850	1.4683	6.5264	2.0237
28 750	1.42474	1.82243	1.34997	300.883	1.4686	6.5783	2.0241
28 800	1.41408	1.80839	1.34476	300.916	1.4689	6.6306	2.0246
28 850	1.40349	1.79446	1.33957	300.949	1.4691	6.6833	2.0250
28 900	1.39299	1.78064	1.33441	300.982	1.4694	6.7364	2.0254
28 950	1.38257	1.76693	1.32926	301.015	1.4697	6.7899	2.0258
29 000	1.37223 –2	1.75333 –2	1.32414 –1	301.048	1.4699 –5	6.8438 –4	2.0262 –2
29 050	1.36197	1.73984	1.31903	301.081	1.4702	6.8981	2.0266
29 100	1.35179	1.72646	1.31395	301.114	1.4705	6.9528	2.0270
29 150	1.34169	1.71318	1.30889	301.147	1.4707	7.0080	2.0275
29 200	1.33167	1.70001	1.30384	301.180	1.4710	7.0636	2.0279
29 250	1.32172	1.68694	1.29882	301.213	1.4713	7.1196	2.0283
29 300	1.31185	1.67397	1.29382	301.246	1.4715	7.1761	2.0287
29 350	1.30205	1.66111	1.28884	301.279	1.4718	7.2329	2.0291
29 400	1.29233	1.64835	1.28388	301.313	1.4721	7.2903	2.0295
29 450	1.28269	1.63569	1.27894	301.346	1.4723	7.3480	2.0299
29 500	1.27312 –2	1.62313 –2	1.27402 –1	301.379	1.4726 –5	7.4062 –4	2.0303 –2
29 550	1.26362	1.61067	1.26912	301.412	1.4729	7.4649	2.0308
29 600	1.25420	1.59831	1.26424	301.445	1.4731	7.5240	2.0312
29 650	1.24485	1.58604	1.25938	301.478	1.4734	7.5835	2.0316
29 700	1.23557	1.57388	1.25454	301.511	1.4737	7.6435	2.0320
29 750	1.22636	1.56180	1.24972	301.544	1.4739	7.7040	2.0324
29 800	1.21722	1.54983	1.24492	301.577	1.4742	7.7650	2.0328
29 850	1.20816	1.53795	1.24014	301.610	1.4745	7.8264	2.0332
29 900	1.19916	1.52616	1.23538	301.643	1.4747	7.8882	2.0337
29 950	1.19023	1.51447	1.23064	301.676	1.4750	7.9506	2.0341
30 000	1.18137 –2	1.50286 –2	1.22591 –1	301.709	1.4753 –5	8.0134 –4	2.0345 –2
30 050	1.17258	1.49136	1.22121	301.742	1.4755	8.0767	2.0349
30 100	1.16386	1.47994	1.21652	301.775	1.4758	8.1405	2.0353
30 150	1.15520	1.46861	1.21186	301.808	1.4761	8.2048	2.0357
30 200	1.14661	1.45737	1.20721	301.841	1.4763	8.2696	2.0361
30 250	1.13808	1.44621	1.20259	301.874	1.4766	8.3348	2.0366
30 300	1.12962	1.43515	1.19798	301.907	1.4769	8.4006	2.0370
30 350	1.12123	1.42417	1.19339	301.939	1.4771	8.4669	2.0374
30 400	1.11290	1.41329	1.18882	301.972	1.4774	8.5337	2.0378
30 450	1.10463	1.40248	1.18426	302.005	1.4777	8.6010	2.0382
30 500	1.09643 –2	1.39176 –2	1.17973 –1	302.038	1.4779 –5	8.6688 –4	2.0386 –2
30 550	1.08829	1.38113	1.17521	302.071	1.4782	8.7371	2.0390
30 600	1.08021	1.37058	1.17072	302.104	1.4785	8.8059	2.0394
30 650	1.07219	1.36011	1.16624	302.137	1.4787	8.8753	2.0399
30 700	1.06424	1.34972	1.16178	302.170	1.4790	8.9452	2.0403
30 750	1.05635	1.33942	1.15733	302.203	1.4793	9.0156	2.0407
30 800	1.04851	1.32920	1.15291	302.236	1.4795	9.0866	2.0411
30 850	1.04074	1.31905	1.14850	302.269	1.4798	9.1581	2.0415
30 900	1.03302	1.30899	1.14411	302.302	1.4801	9.2302	2.0419
30 950	1.02537	1.29901	1.13974	302.335	1.4803	9.3028	2.0423

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
28 000	1.56554 –2	2.00806 –2	1.41706 –1	300.468	1.4652 –5	5.9566 –4	2.0189 –2
28 050	1.55368	1.99240	1.41153	300.501	1.4655	6.0045	2.0194
28 100	1.54192	1.97688	1.40601	300.535	1.4658	6.0527	2.0198
28 150	1.53024	1.96147	1.40053	300.568	1.4660	6.1014	2.0202
28 200	1.51866	1.94620	1.39506	300.602	1.4663	6.1504	2.0206
28 250	1.50717	1.93104	1.38962	300.635	1.4666	6.1998	2.0210
28 300	1.49577	1.91600	1.38420	300.669	1.4669	6.2497	2.0215
28 350	1.48445	1.90109	1.37880	300.702	1.4671	6.2998	2.0219
28 400	1.47323	1.88629	1.37342	300.735	1.4674	6.3504	2.0223
28 450	1.46209	1.87162	1.36807	300.769	1.4677	6.4014	2.0227
28 500	1.45104 –2	1.85706 –2	1.36274 –1	300.802	1.4679 –5	6.4528 –4	2.0231 –2
28 550	1.44007	1.84261	1.35743	300.836	1.4682	6.5046	2.0235
28 600	1.42919	1.82828	1.35214	300.869	1.4685	6.5567	2.0240
28 650	1.41839	1.81407	1.34687	300.902	1.4688	6.6093	2.0244
28 700	1.40768	1.79997	1.34163	300.936	1.4690	6.6623	2.0248
28 750	1.39705	1.78598	1.33641	300.969	1.4693	6.7157	2.0252
28 800	1.38651	1.77211	1.33120	301.002	1.4696	6.7696	2.0256
28 850	1.37604	1.75834	1.32603	301.036	1.4698	6.8238	2.0261
28 900	1.36566	1.74469	1.32087	301.069	1.4701	6.8785	2.0265
28 950	1.35536	1.73114	1.31573	301.103	1.4704	6.9336	2.0269
29 000	1.34514 –2	1.71771 –2	1.31061 –1	301.136	1.4706 –5	6.9891 –4	2.0273 –2
29 050	1.33499	1.70438	1.30552	301.169	1.4709	7.0451	2.0277
29 100	1.32493	1.69115	1.30044	301.203	1.4712	7.1014	2.0281
29 150	1.31494	1.67803	1.29539	301.236	1.4715	7.1583	2.0286
29 200	1.30503	1.66502	1.29036	301.269	1.4717	7.2156	2.0290
29 250	1.29520	1.65211	1.28534	301.303	1.4720	7.2733	2.0294
29 300	1.28544	1.63931	1.28035	301.336	1.4723	7.3314	2.0298
29 350	1.27576	1.62660	1.27538	301.369	1.4725	7.3900	2.0302
29 400	1.26616	1.61400	1.27043	301.403	1.4728	7.4491	2.0307
29 450	1.25663	1.60149	1.26550	301.436	1.4731	7.5087	2.0311
29 500	1.24717 –2	1.58909 –2	1.26059 –1	301.469	1.4733 –5	7.5686 –4	2.0315 –2
29 550	1.23779	1.57678	1.25570	301.503	1.4736	7.6291	2.0319
29 600	1.22848	1.56458	1.25083	301.536	1.4739	7.6900	2.0323
29 650	1.21924	1.55247	1.24598	301.569	1.4741	7.7514	2.0327
29 700	1.21007	1.54045	1.24115	301.603	1.4744	7.8133	2.0332
29 750	1.20097	1.52854	1.23634	301.636	1.4747	7.8757	2.0336
29 800	1.19195	1.51671	1.23155	301.669	1.4750	7.9385	2.0340
29 850	1.18299	1.50498	1.22678	301.703	1.4752	8.0019	2.0344
29 900	1.17411	1.49335	1.22203	301.736	1.4755	8.0657	2.0348
29 950	1.16529	1.48181	1.21729	301.769	1.4758	8.1300	2.0352
30 000	1.15654 –2	1.47036 –2	1.21258 –1	301.803	1.4760 –5	8.1948 –4	2.0357 –2
30 050	1.14785	1.45899	1.20789	301.836	1.4763	8.2601	2.0361
30 100	1.13924	1.44772	1.20321	301.869	1.4766	8.3259	2.0365
30 150	1.13069	1.43654	1.19856	301.902	1.4768	8.3923	2.0369
30 200	1.12221	1.42545	1.19392	301.936	1.4771	8.4591	2.0373
30 250	1.11379	1.41445	1.18930	301.969	1.4774	8.5265	2.0378
30 300	1.10544	1.40353	1.18471	302.002	1.4777	8.5944	2.0382
30 350	1.09715	1.39270	1.18013	302.035	1.4779	8.6628	2.0386
30 400	1.08892	1.38196	1.17557	302.069	1.4782	8.7317	2.0390
30 450	1.08076	1.37130	1.17102	302.102	1.4785	8.8012	2.0394
30 500	1.07267 –2	1.36072 –2	1.16650 –1	302.135	1.4787 –5	8.8712 –4	2.0398 –2
30 550	1.06463	1.35023	1.16200	302.168	1.4790	8.9417	2.0403
30 600	1.05666	1.33983	1.15751	302.202	1.4793	9.0128	2.0407
30 650	1.04875	1.32950	1.15304	302.235	1.4795	9.0845	2.0411
30 700	1.04089	1.31926	1.14859	302.268	1.4798	9.1567	2.0415
30 750	1.03310	1.30910	1.14416	302.301	1.4801	9.2294	2.0419
30 800	1.02537	1.29902	1.13974	302.335	1.4803	9.3028	2.0423
30 850	1.01770	1.28902	1.13535	302.368	1.4806	9.3766	2.0428
30 900	1.01009	1.27909	1.13097	302.401	1.4809	9.4511	2.0432
30 950	1.00254	1.26925	1.12661	302.434	1.4812	9.5261	2.0436

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
31 000	1.01777 –2	1.28910 –2	1.13539 –1	302.368	1.4806 –5	9.3760 –4	2.0428 –2
31 050	1.01023	1.27928	1.13105	302.401	1.4809	9.4497	2.0432
31 100	1.00275	1.26953	1.12673	302.433	1.4811	9.5240	2.0436
31 150	9.95327 –3	1.25985	1.12243	302.466	1.4814	9.5988	2.0440
31 200	9.87959	1.25026	1.11815	302.499	1.4817	9.6743	2.0444
31 250	9.80648	1.24073	1.11388	302.532	1.4819	9.7503	2.0448
31 300	9.73392	1.23129	1.10963	302.565	1.4822	9.8268	2.0452
31 350	9.66192	1.22191	1.10540	302.598	1.4825	9.9040	2.0456
31 400	9.59047	1.21261	1.10119	302.631	1.4827	9.9817	2.0461
31 450	9.51956	1.20339	1.09699	302.664	1.4830	1.0060 –3	2.0465
31 500	9.44920 –3	1.19423 –2	1.09281 –1	302.696	1.4833 –5	1.0139 –3	2.0469 –2
31 550	9.37936	1.18515	1.08865	302.729	1.4835	1.0219	2.0473
31 600	9.31007	1.17614	1.08450	302.762	1.4838	1.0299	2.0477
31 650	9.24129	1.16720	1.08037	302.795	1.4841	1.0379	2.0481
31 700	9.17305	1.15833	1.07626	302.828	1.4843	1.0461	2.0485
31 750	9.10532	1.14952	1.07216	302.861	1.4846	1.0543	2.0489
31 800	9.03811	1.14079	1.06808	302.894	1.4849	1.0625	2.0494
31 850	8.97141	1.13213	1.06401	302.926	1.4851	1.0709	2.0498
31 900	8.90522	1.12353	1.05997	302.959	1.4854	1.0793	2.0502
31 950	8.83953	1.11500	1.05594	302.992	1.4857	1.0877	2.0506
32 000	8.77434 –3	1.10654 –2	1.05192 –1	303.025	1.4859 –5	1.0962 –3	2.0510 –2
32 100	8.64545	1.08981	1.04394	303.091	1.4865	1.1134	2.0518
32 200	8.51851	1.07303	1.03587	303.201	1.4874	1.1315	2.0532
32 300	8.39358	1.05601	1.02762	303.385	1.4888	1.1509	2.0555
32 400	8.27063	1.03928	1.01945	303.568	1.4903	1.1706	2.0578
32 500	8.14962	1.02284	1.01136	303.752	1.4918	1.1906	2.0602
32 600	8.03054	1.00668	1.00333	303.935	1.4933	1.2109	2.0625
32 700	7.91334	9.90794 –3	9.95386 –2	304.118	1.4948	1.2316	2.0648
32 800	7.79799	9.75178	9.87511	304.301	1.4963	1.2525	2.0671
32 900	7.68446	9.59826	9.79707	304.484	1.4978	1.2738	2.0694
33 000	7.57272 –3	9.44734 –3	9.71974 –2	304.667	1.4992 –5	1.2955 –3	2.0717 –2
33 100	7.46274	9.29898	9.64312	304.850	1.5007	1.3174	2.0740
33 200	7.35449	9.15313	9.56720	305.032	1.5022	1.3397	2.0763
33 300	7.24794	9.00974	9.49196	305.215	1.5037	1.3624	2.0786
33 400	7.14306	8.86876	9.41741	305.397	1.5052	1.3854	2.0809
33 500	7.03983	8.73016	9.34353	305.579	1.5066	1.4088	2.0832
33 600	6.93821	8.59390	9.27033	305.762	1.5081	1.4325	2.0855
33 700	6.83818	8.45992	9.19778	305.944	1.5096	1.4566	2.0878
33 800	6.73971	8.32819	9.12589	306.125	1.5111	1.4811	2.0901
33 900	6.64277	8.19867	9.05465	306.307	1.5125	1.5060	2.0924
34 000	6.54735 –3	8.07132 –3	8.98405 –2	306.489	1.5140 –5	1.5313 –3	2.0947 –2
34 100	6.45341	7.94609	8.91408	306.670	1.5155	1.5569	2.0970
34 200	6.36093	7.82296	8.84475	306.852	1.5169	1.5829	2.0993
34 300	6.26988	7.70188	8.77604	307.033	1.5184	1.6094	2.1016
34 400	6.18025	7.58282	8.70794	307.214	1.5199	1.6362	2.1039
34 500	6.09200	7.46574	8.64045	307.396	1.5214	1.6635	2.1062
34 600	6.00511	7.35061	8.57357	307.577	1.5228	1.6912	2.1085
34 700	5.91957	7.23738	8.50728	307.758	1.5243	1.7193	2.1108
34 800	5.83535	7.12604	8.44159	307.938	1.5258	1.7478	2.1131
34 900	5.75243	7.01654	8.37648	308.119	1.5272	1.7768	2.1154
35 000	5.67078 –3	6.90885 –3	8.31195 –2	308.299	1.5287 –5	1.8063 –3	2.1176 –2
35 100	5.59039	6.80294	8.24799	308.480	1.5302	1.8361	2.1199
35 200	5.51123	6.69878	8.18460	308.660	1.5316	1.8665	2.1222
35 300	5.43328	6.59633	8.12178	308.840	1.5331	1.8973	2.1245
35 400	5.35653	6.49557	8.05951	309.021	1.5345	1.9285	2.1268
35 500	5.28095	6.39647	7.99779	309.201	1.5360	1.9603	2.1291
35 600	5.20653	6.29899	7.93662	309.380	1.5375	1.9925	2.1314
35 700	5.13324	6.20312	7.87599	309.560	1.5389	2.0252	2.1337
35 800	5.06107	6.10881	7.81589	309.740	1.5404	2.0584	2.1360
35 900	4.99000	6.01605	7.75632	309.920	1.5418	2.0921	2.1382

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
31 000	9.95043 –3	1.25948 –2	1.12227 –1	302.468	1.4814 –5	9.6017 –4	2.0440 –2
31 050	9.87605	1.24980	1.11794	302.501	1.4817	9.6779	2.0444
31 100	9.80225	1.24018	1.11364	302.534	1.4820	9.7547	2.0448
31 150	9.72901	1.23065	1.10935	302.567	1.4822	9.8321	2.0453
31 200	9.65634	1.22119	1.10507	302.600	1.4825	9.9100	2.0457
31 250	9.58422	1.21180	1.10082	302.634	1.4828	9.9886	2.0461
31 300	9.51267	1.20249	1.09658	302.667	1.4830	1.0068 –3	2.0465
31 350	9.44166	1.19325	1.09236	302.700	1.4833	1.0148	2.0469
31 400	9.37119	1.18409	1.08816	302.733	1.4836	1.0228	2.0473
31 450	9.30127	1.17499	1.08397	302.766	1.4838	1.0309	2.0478
31 500	9.23188 –3	1.16597 –2	1.07980 –1	302.800	1.4841 –5	1.0391 –3	2.0482 –2
31 550	9.16303	1.15702	1.07565	302.833	1.4844	1.0473	2.0486
31 600	9.09470	1.14814	1.07151	302.866	1.4846	1.0556	2.0490
31 650	9.02691	1.13933	1.06740	302.899	1.4849	1.0639	2.0494
31 700	8.95962	1.13060	1.06329	302.932	1.4852	1.0723	2.0498
31 750	8.89286	1.12192	1.05921	302.965	1.4855	1.0808	2.0503
31 800	8.82661	1.11332	1.05514	302.999	1.4857	1.0894	2.0507
31 850	8.76086	1.10479	1.05109	303.032	1.4860	1.0980	2.0511
31 900	8.69562	1.09632	1.04705	303.065	1.4863	1.1067	2.0515
31 950	8.63088	1.08792	1.04303	303.098	1.4865	1.1154	2.0519
32 000	8.56664 –3	1.07959 –2	1.03903 –1	303.131	1.4868 –5	1.1242 –3	2.0523 –2
32 100	8.43967	1.06229	1.03067	303.317	1.4883	1.1437	2.0547
32 200	8.31473	1.04528	1.02239	303.502	1.4898	1.1635	2.0570
32 300	8.19180	1.02857	1.01418	303.687	1.4913	1.1836	2.0593
32 400	8.07083	1.01215	1.00605	303.873	1.4928	1.2040	2.0617
32 500	7.95179	9.96004 –3	9.98000 –2	304.058	1.4943	1.2247	2.0640
32 600	7.83464	9.80138	9.90019	304.243	1.4958	1.2458	2.0663
32 700	7.71936	9.64544	9.82112	304.428	1.4973	1.2672	2.0687
32 800	7.60592	9.49216	9.74277	304.612	1.4988	1.2890	2.0710
32 900	7.49427	9.34150	9.66514	304.797	1.5003	1.3111	2.0733
33 000	7.38440 –3	9.19341 –3	9.58823 –2	304.982	1.5018 –5	1.3335 –3	2.0757 –2
33 100	7.27627	9.04784	9.51201	305.166	1.5033	1.3563	2.0780
33 200	7.16985	8.90475	9.43650	305.350	1.5048	1.3795	2.0803
33 300	7.06511	8.76409	9.36167	305.534	1.5063	1.4030	2.0826
33 400	6.96202	8.62582	9.28753	305.719	1.5078	1.4269	2.0850
33 500	6.86056	8.48989	9.21406	305.903	1.5092	1.4512	2.0873
33 600	6.76070	8.35626	9.14126	306.086	1.5107	1.4758	2.0896
33 700	6.66241	8.22490	9.06912	306.270	1.5122	1.5009	2.0919
33 800	6.56566	8.09575	8.99764	306.454	1.5137	1.5263	2.0943
33 900	6.47043	7.96878	8.92680	306.637	1.5152	1.5522	2.0966
34 000	6.37670 –3	7.84395 –3	8.85661 –2	306.821	1.5167 –5	1.5784 –3	2.0989 –2
34 100	6.28443	7.72122	8.78705	307.004	1.5182	1.6051	2.1012
34 200	6.19360	7.60056	8.71812	307.187	1.5197	1.6322	2.1035
34 300	6.10419	7.48192	8.64981	307.370	1.5212	1.6597	2.1059
34 400	6.01618	7.36527	8.58211	307.553	1.5226	1.6876	2.1082
34 500	5.92954	7.25057	8.51503	307.736	1.5241	1.7160	2.1105
34 600	5.84425	7.13779	8.44855	307.919	1.5256	1.7448	2.1128
34 700	5.76028	7.02690	8.38266	308.102	1.5271	1.7740	2.1151
34 800	5.67762	6.91786	8.31737	308.284	1.5286	1.8038	2.1175
34 900	5.59624	6.81064	8.25266	308.467	1.5300	1.8339	2.1198
35 000	5.51612 –3	6.70521 –3	8.18853 –2	308.649	1.5315 –5	1.8646 –3	2.1221 –2
35 100	5.43724	6.60152	8.12498	308.831	1.5330	1.8957	2.1244
35 200	5.35957	6.49956	8.06199	309.013	1.5345	1.9273	2.1267
35 300	5.28311	6.39930	7.99956	309.195	1.5360	1.9594	2.1290
35 400	5.20783	6.30069	7.93769	309.377	1.5374	1.9919	2.1313
35 500	5.13370	6.20372	7.87637	309.559	1.5389	2.0250	2.1336
35 600	5.06072	6.10835	7.81559	309.741	1.5404	2.0586	2.1360
35 700	4.98885	6.01455	7.75535	309.922	1.5419	2.0927	2.1383
35 800	4.91809	5.92231	7.69565	310.104	1.5433	2.1273	2.1406
35 900	4.84842	5.83158	7.63648	310.285	1.5448	2.1625	2.1429

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
36 000	4.92001 –3	5.92481 –3	7.69728 –2	310.099	1.5433 –5	2.1264 –3	2.1405 –2
36 100	4.85108	5.83505	7.63875	310.278	1.5448	2.1611	2.1428
36 200	4.78320	5.74676	7.58074	310.458	1.5462	2.1964	2.1451
36 300	4.71635	5.65991	7.52323	310.637	1.5477	2.2322	2.1474
36 400	4.65051	5.57447	7.46623	310.816	1.5491	2.2685	2.1497
36 500	4.58566	5.49041	7.40973	310.995	1.5506	2.3054	2.1519
36 600	4.52180	5.40773	7.35373	311.173	1.5520	2.3429	2.1542
36 700	4.45889	5.32638	7.29821	311.352	1.5535	2.3809	2.1565
36 800	4.39694	5.24635	7.24317	311.531	1.5549	2.4194	2.1588
36 900	4.33592	5.16762	7.18861	311.709	1.5564	2.4586	2.1611
37 000	4.27581 –3	5.09015 –3	7.13453 –2	311.887	1.5578 –5	2.4983 –3	2.1633 –2
37 100	4.21660	5.01394	7.08092	312.066	1.5593	2.5387	2.1656
37 200	4.15829	4.93896	7.02777	312.244	1.5607	2.5796	2.1679
37 300	4.10085	4.86518	6.97509	312.422	1.5622	2.6212	2.1702
37 400	4.04426	4.79259	6.92285	312.600	1.5636	2.6633	2.1724
37 500	3.98852	4.72117	6.87107	312.778	1.5651	2.7061	2.1747
37 600	3.93362	4.65089	6.81974	312.955	1.5665	2.7495	2.1770
37 700	3.87953	4.58174	6.76885	313.133	1.5679	2.7936	2.1793
37 800	3.82625	4.51369	6.71840	313.311	1.5694	2.8383	2.1815
37 900	3.77376	4.44673	6.66838	313.488	1.5708	2.8837	2.1838
38 000	3.72205 –3	4.38084 –3	6.61880 –2	313.665	1.5723 –5	2.9298 –3	2.1861 –2
38 100	3.67111	4.31601	6.56963	313.842	1.5737	2.9765	2.1883
38 200	3.62092	4.25220	6.52089	314.020	1.5751	3.0239	2.1906
38 300	3.57148	4.18942	6.47257	314.197	1.5766	3.0721	2.1929
38 400	3.52276	4.12763	6.42466	314.373	1.5780	3.1209	2.1951
38 500	3.47477	4.06682	6.37716	314.550	1.5795	3.1704	2.1974
38 600	3.42748	4.00697	6.33007	314.727	1.5809	3.2207	2.1997
38 700	3.38089	3.94808	6.28337	314.903	1.5823	3.2717	2.2019
38 800	3.33499	3.89011	6.23708	315.080	1.5838	3.3235	2.2042
38 900	3.28976	3.83306	6.19117	315.256	1.5852	3.3760	2.2065
39 000	3.24520 –3	3.77692 –3	6.14566 –2	315.432	1.5866 –5	3.4293 –3	2.2087 –2
39 100	3.20129	3.72165	6.10054	315.609	1.5881	3.4834	2.2110
39 200	3.15803	3.66726	6.05579	315.785	1.5895	3.5382	2.2133
39 300	3.11539	3.61373	6.01143	315.961	1.5909	3.5939	2.2155
39 400	3.07338	3.56103	5.96744	316.136	1.5924	3.6503	2.2178
39 500	3.03199	3.50917	5.92382	316.312	1.5938	3.7076	2.2201
39 600	2.99119	3.45811	5.88057	316.488	1.5952	3.7657	2.2223
39 700	2.95100	3.40786	5.83769	316.663	1.5966	3.8247	2.2246
39 800	2.91138	3.35839	5.79516	316.839	1.5981	3.8845	2.2268
39 900	2.87235	3.30970	5.75300	317.014	1.5995	3.9451	2.2291
40 000	2.83388 –3	3.26176 –3	5.71119 –2	317.189	1.6009 –5	4.0067 –3	2.2313 –2
40 100	2.79596	3.21458	5.66972	317.364	1.6024	4.0691	2.2336
40 200	2.75860	3.16812	5.62861	317.539	1.6038	4.1324	2.2359
40 300	2.72178	3.12240	5.58784	317.714	1.6052	4.1967	2.2381
40 400	2.68549	3.07738	5.54741	317.889	1.6066	4.2618	2.2404
40 500	2.64972	3.03306	5.50732	318.064	1.6080	4.3279	2.2426
40 600	2.61447	2.98943	5.46756	318.238	1.6095	4.3950	2.2449
40 700	2.57973	2.94647	5.42814	318.413	1.6109	4.4630	2.2471
40 800	2.54549	2.90418	5.38904	318.587	1.6123	4.5320	2.2494
40 900	2.51174	2.86254	5.35027	318.762	1.6137	4.6020	2.2516
41 000	2.47848 –3	2.82154 –3	5.31182 –2	318.936	1.6151 –5	4.6729 –3	2.2539 –2
41 100	2.44569	2.78118	5.27369	319.110	1.6166	4.7449	2.2561
41 200	2.41337	2.74144	5.23588	319.284	1.6180	4.8179	2.2584
41 300	2.38152	2.70231	5.19837	319.458	1.6194	4.8919	2.2606
41 400	2.35012	2.66378	5.16118	319.632	1.6208	4.9670	2.2629
41 500	2.31916	2.62584	5.12430	319.805	1.6222	5.0432	2.2651
41 600	2.28866	2.58849	5.08772	319.979	1.6236	5.1204	2.2674
41 700	2.25858	2.55170	5.05144	320.152	1.6250	5.1988	2.2696
41 800	2.22893	2.51548	5.01546	320.326	1.6265	5.2782	2.2719
41 900	2.19971	2.47982	4.97978	320.499	1.6279	5.3588	2.2741

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
36 000	4.77981 –3	5.74235 –3	7.57783 –2	310.467	1.5463 –5	2.1982 –3	2.1452 –2
36 100	4.71225	5.65458	7.51969	310.648	1.5478	2.2344	2.1475
36 200	4.64572	5.56826	7.46207	310.829	1.5492	2.2712	2.1498
36 300	4.58021	5.48335	7.40496	311.010	1.5507	2.3086	2.1521
36 400	4.51569	5.39983	7.34835	311.191	1.5522	2.3465	2.1544
36 500	4.45216	5.31768	7.29224	311.371	1.5536	2.3850	2.1567
36 600	4.38959	5.23687	7.23662	311.552	1.5551	2.4241	2.1590
36 700	4.32798	5.15738	7.18149	311.733	1.5566	2.4638	2.1613
36 800	4.26730	5.07919	7.12685	311.913	1.5580	2.5041	2.1637
36 900	4.20753	5.00227	7.07268	312.093	1.5595	2.5450	2.1660
37 000	4.14868 –3	4.92661 –3	7.01898 –2	312.274	1.5610 –5	2.5865 –3	2.1683 –2
37 100	4.09071	4.85217	6.96575	312.454	1.5624	2.6286	2.1706
37 200	4.03362	4.77894	6.91299	312.634	1.5639	2.6714	2.1729
37 300	3.97739	4.70690	6.86069	312.814	1.5653	2.7148	2.1752
37 400	3.92200	4.63603	6.80884	312.993	1.5668	2.7589	2.1775
37 500	3.86745	4.56630	6.75744	313.173	1.5683	2.8036	2.1798
37 600	3.81372	4.49770	6.70649	313.353	1.5697	2.8490	2.1821
37 700	3.76080	4.43021	6.65598	313.532	1.5712	2.8951	2.1844
37 800	3.70867	4.36381	6.60591	313.712	1.5726	2.9419	2.1867
37 900	3.65732	4.29847	6.55627	313.891	1.5741	2.9894	2.1890
38 000	3.60674 –3	4.23419 –3	6.50706 –2	314.070	1.5756 –5	3.0376 –3	2.1913 –2
38 100	3.55691	4.17094	6.45828	314.249	1.5770	3.0865	2.1936
38 200	3.50783	4.10870	6.40992	314.428	1.5785	3.1361	2.1958
38 300	3.45948	4.04746	6.36197	314.607	1.5799	3.1865	2.1981
38 400	3.41185	3.98721	6.31443	314.786	1.5814	3.2377	2.2004
38 500	3.36493	3.92791	6.26731	314.964	1.5828	3.2896	2.2027
38 600	3.31871	3.86957	6.22059	315.143	1.5843	3.3422	2.2050
38 700	3.27317	3.81215	6.17427	315.322	1.5857	3.3957	2.2073
38 800	3.22831	3.75566	6.12834	315.500	1.5872	3.4499	2.2096
38 900	3.18412	3.70006	6.08281	315.678	1.5886	3.5049	2.2119
39 000	3.14057 –3	3.64534 –3	6.03767 –2	315.856	1.5901 –5	3.5608 –3	2.2142 –2
39 100	3.09767	3.59150	5.99291	316.034	1.5915	3.6175	2.2165
39 200	3.05541	3.53851	5.94853	316.212	1.5930	3.6750	2.2188
39 300	3.01377	3.48636	5.90454	316.390	1.5944	3.7333	2.2211
39 400	2.97274	3.43503	5.86091	316.568	1.5959	3.7926	2.2233
39 500	2.93231	3.38452	5.81766	316.746	1.5973	3.8526	2.2256
39 600	2.89248	3.33480	5.77478	316.923	1.5988	3.9136	2.2279
39 700	2.85323	3.28588	5.73226	317.101	1.6002	3.9755	2.2302
39 800	2.81456	3.23772	5.69009	317.278	1.6017	4.0382	2.2325
39 900	2.77646	3.19032	5.64829	317.455	1.6031	4.1019	2.2348
40 000	2.73891 –3	3.14366 –3	5.60684 –2	317.633	1.6045 –5	4.1666 –3	2.2371 –2
40 100	2.70191	3.09774	5.56574	317.810	1.6060	4.2321	2.2393
40 200	2.66545	3.05254	5.52498	317.987	1.6074	4.2986	2.2416
40 300	2.62953	3.00805	5.48457	318.164	1.6089	4.3661	2.2439
40 400	2.59412	2.96426	5.44450	318.340	1.6103	4.4346	2.2462
40 500	2.55923	2.92115	5.40476	318.517	1.6117	4.5041	2.2485
40 600	2.52485	2.87871	5.36536	318.694	1.6132	4.5745	2.2508
40 700	2.49097	2.83694	5.32629	318.870	1.6146	4.6460	2.2530
40 800	2.45758	2.79581	5.28755	319.047	1.6160	4.7186	2.2553
40 900	2.42467	2.75533	5.24913	319.223	1.6175	4.7921	2.2576
41 000	2.39224 –3	2.71548 –3	5.21103 –2	319.399	1.6189 –5	4.8668 –3	2.2599 –2
41 100	2.36028	2.67625	5.17325	319.575	1.6203	4.9425	2.2622
41 200	2.32878	2.63763	5.13578	319.751	1.6218	5.0193	2.2644
41 300	2.29773	2.59960	5.09863	319.927	1.6232	5.0972	2.2667
41 400	2.26714	2.56217	5.06178	320.103	1.6246	5.1762	2.2690
41 500	2.23698	2.52531	5.02525	320.279	1.6261	5.2564	2.2713
41 600	2.20725	2.48902	4.98901	320.454	1.6275	5.3377	2.2735
41 700	2.17796	2.45330	4.95308	320.630	1.6289	5.4202	2.2758
41 800	2.14908	2.41812	4.91744	320.805	1.6304	5.5039	2.2781
41 900	2.12061	2.38349	4.88210	320.980	1.6318	5.5888	2.2803

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
42 000	2.17090 –3	2.44469 –3	4.94439 –2	320.672	1.6293 –5	5.4405 –3	2.2764 –2
42 100	2.14249	2.41011	4.90928	320.845	1.6307	5.5233	2.2786
42 200	2.11450	2.37605	4.87447	321.018	1.6321	5.6073	2.2808
42 300	2.08689	2.34251	4.83994	321.191	1.6335	5.6925	2.2831
42 400	2.05968	2.30947	4.80570	321.364	1.6349	5.7789	2.2853
42 500	2.03285	2.27694	4.77173	321.537	1.6363	5.8665	2.2876
42 600	2.00640	2.24491	4.73805	321.710	1.6377	5.9554	2.2898
42 700	1.98032	2.21336	4.70463	321.882	1.6391	6.0454	2.2920
42 800	1.95461	2.18228	4.67149	322.054	1.6405	6.1368	2.2943
42 900	1.92927	2.15168	4.63862	322.227	1.6419	6.2294	2.2965
43 000	1.90427 –3	2.12154 –3	4.60601 –2	322.399	1.6433 –5	6.3233 –3	2.2988 –2
43 100	1.87963	2.09185	4.57367	322.571	1.6447	6.4185	2.3010
43 200	1.85534	2.06261	4.54159	322.743	1.6461	6.5150	2.3032
43 300	1.83138	2.03381	4.50978	322.915	1.6476	6.6129	2.3055
43 400	1.80776	2.00544	4.47822	323.087	1.6490	6.7121	2.3077
43 500	1.78447	1.97750	4.44691	323.259	1.6504	6.8128	2.3099
43 600	1.76150	1.94998	4.41586	323.430	1.6517	6.9148	2.3122
43 700	1.73886	1.92287	4.38505	323.602	1.6531	7.0182	2.3144
43 800	1.71652	1.89617	4.35450	323.773	1.6545	7.1230	2.3166
43 900	1.69450	1.86986	4.32419	323.945	1.6559	7.2293	2.3189
44 000	1.67279 –3	1.84395 –3	4.29413 –2	324.116	1.6573 –5	7.3371 –3	2.3211 –2
44 100	1.65138	1.81843	4.26430	324.287	1.6587	7.4464	2.3233
44 200	1.63026	1.79328	4.23472	324.458	1.6601	7.5571	2.3256
44 300	1.60944	1.76851	4.20537	324.629	1.6615	7.6694	2.3278
44 400	1.58890	1.74411	4.17626	324.800	1.6629	7.7832	2.3300
44 500	1.56865	1.72007	4.14738	324.971	1.6643	7.8986	2.3322
44 600	1.54868	1.69639	4.11873	325.141	1.6657	8.0156	2.3345
44 700	1.52899	1.67306	4.09031	325.312	1.6671	8.1341	2.3367
44 800	1.50956	1.65008	4.06211	325.483	1.6685	8.2543	2.3389
44 900	1.49040	1.62743	4.03414	325.653	1.6699	8.3761	2.3411
45 000	1.47151 –3	1.60512 –3	4.00639 –2	325.823	1.6713 –5	8.4996 –3	2.3434 –2
45 100	1.45287	1.58314	3.97887	325.993	1.6726	8.6248	2.3456
45 200	1.43450	1.56148	3.95156	326.164	1.6740	8.7516	2.3478
45 300	1.41637	1.54014	3.92447	326.334	1.6754	8.8802	2.3500
45 400	1.39849	1.51912	3.89759	326.504	1.6768	9.0106	2.3523
45 500	1.38085	1.49840	3.87092	326.673	1.6782	9.1427	2.3545
45 600	1.36346	1.47799	3.84447	326.843	1.6796	9.2766	2.3567
45 700	1.34630	1.45788	3.81822	327.013	1.6810	9.4123	2.3589
45 800	1.32938	1.43807	3.79218	327.182	1.6823	9.5499	2.3611
45 900	1.31269	1.41854	3.76635	327.352	1.6837	9.6893	2.3633
46 000	1.29622 –3	1.39930 –3	3.74072 –2	327.521	1.6851 –5	9.8306 –3	2.3656 –2
46 100	1.27998	1.38034	3.71529	327.690	1.6865	9.9738	2.3678
46 200	1.26396	1.36165	3.69006	327.860	1.6879	1.0119 –2	2.3700
46 300	1.24816	1.34324	3.66503	328.029	1.6892	1.0266	2.3722
46 400	1.23257	1.32510	3.64019	328.198	1.6906	1.0415	2.3744
46 500	1.21719	1.30722	3.61555	328.367	1.6920	1.0566	2.3766
46 600	1.20202	1.28960	3.59110	328.535	1.6934	1.0719	2.3789
46 700	1.18705	1.27224	3.56685	328.704	1.6947	1.0874	2.3811
46 800	1.17229	1.25513	3.54278	328.873	1.6961	1.1031	2.3833
46 900	1.15772	1.23826	3.51890	329.041	1.6975	1.1191	2.3855
47 000	1.14336 –3	1.22164 –3	3.49520 –2	329.210	1.6989 –5	1.1352 –2	2.3877 –2
47 100	1.12918	1.20526	3.47169	329.378	1.7002	1.1516	2.3899
47 200	1.11519	1.18912	3.44836	329.546	1.7016	1.1682	2.3921
47 300	1.10140	1.17321	3.42522	329.715	1.7030	1.1850	2.3943
47 400	1.08778	1.15812	3.40311	329.799	1.7037	1.2009	2.3954
47 500	1.07434	1.14380	3.38202	329.799	1.7037	1.2159	2.3954
47 600	1.06106	1.12967	3.36105	329.799	1.7037	1.2311	2.3954
47 700	1.04795	1.11571	3.34022	329.799	1.7037	1.2465	2.3954
47 800	1.03500	1.10192	3.31952	329.799	1.7037	1.2621	2.3954
47 900	1.02220	1.08830	3.29894	329.799	1.7037	1.2779	2.3954

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
42 000	2.09256 –3	2.34939 –3	4.84705 –2	321.156	1.6332 –5	5.6748 –3	2.2826 –2
42 100	2.06490	2.31581	4.81229	321.331	1.6346	5.7621	2.2849
42 200	2.03764	2.28275	4.77782	321.506	1.6361	5.8507	2.2872
42 300	2.01077	2.25020	4.74363	321.681	1.6375	5.9405	2.2894
42 400	1.98429	2.21815	4.70972	321.856	1.6389	6.0316	2.2917
42 500	1.95818	2.18658	4.67609	322.030	1.6403	6.1240	2.2940
42 600	1.93244	2.15550	4.64274	322.205	1.6418	6.2177	2.2962
42 700	1.90706	2.12490	4.60966	322.380	1.6432	6.3127	2.2985
42 800	1.88205	2.09476	4.57685	322.554	1.6446	6.4090	2.3008
42 900	1.85739	2.06508	4.54431	322.729	1.6460	6.5068	2.3030
43 000	1.83308 –3	2.03585 –3	4.51204 –2	322.903	1.6475 –5	6.6059 –3	2.3053 –2
43 100	1.80911	2.00707	4.48003	323.077	1.6489	6.7064	2.3076
43 200	1.78549	1.97872	4.44828	323.251	1.6503	6.8083	2.3098
43 300	1.76219	1.95081	4.41679	323.425	1.6517	6.9117	2.3121
43 400	1.73923	1.92331	4.38556	323.599	1.6531	7.0165	2.3144
43 500	1.71658	1.89624	4.35458	323.773	1.6545	7.1228	2.3166
43 600	1.69426	1.86957	4.32385	323.947	1.6560	7.2305	2.3189
43 700	1.67225	1.84331	4.29338	324.120	1.6574	7.3398	2.3212
43 800	1.65055	1.81744	4.26314	324.294	1.6588	7.4506	2.3234
43 900	1.62915	1.79196	4.23316	324.467	1.6602	7.5630	2.3257
44 000	1.60806 –3	1.76687 –3	4.20342 –2	324.641	1.6616 –5	7.6770 –3	2.3279 –2
44 100	1.58726	1.74215	4.17391	324.814	1.6630	7.7925	2.3302
44 200	1.56675	1.71781	4.14465	324.987	1.6644	7.9096	2.3324
44 300	1.54652	1.69383	4.11562	325.160	1.6658	8.0284	2.3347
44 400	1.52658	1.67021	4.08682	325.333	1.6673	8.1488	2.3370
44 500	1.50692	1.64695	4.05826	325.506	1.6687	8.2709	2.3392
44 600	1.48753	1.62403	4.02993	325.679	1.6701	8.3947	2.3415
44 700	1.46841	1.60146	4.00182	325.851	1.6715	8.5202	2.3437
44 800	1.44955	1.57922	3.97394	326.024	1.6729	8.6475	2.3460
44 900	1.43096	1.55732	3.94628	326.197	1.6743	8.7765	2.3482
45 000	1.41262 –3	1.53574 –3	3.91885 –2	326.369	1.6757 –5	8.9073 –3	2.3505 –2
45 100	1.39454	1.51448	3.89163	326.541	1.6771	9.0399	2.3527
45 200	1.37671	1.49354	3.86463	326.714	1.6785	9.1743	2.3550
45 300	1.35912	1.47291	3.83785	326.886	1.6799	9.3106	2.3572
45 400	1.34178	1.45259	3.81128	327.058	1.6813	9.4487	2.3595
45 500	1.32468	1.43256	3.78492	327.230	1.6827	9.5888	2.3618
45 600	1.30781	1.41284	3.75877	327.402	1.6841	9.7307	2.3640
45 700	1.29118	1.39340	3.73283	327.573	1.6855	9.8747	2.3662
45 800	1.27477	1.37426	3.70710	327.745	1.6869	1.0021 –2	2.3685
45 900	1.25859	1.35539	3.68157	327.917	1.6883	1.0168	2.3707
46 000	1.24263 –3	1.33681 –3	3.65624 –2	328.088	1.6897 –5	1.0318 –2	2.3730 –2
46 100	1.22689	1.31850	3.63111	328.260	1.6911	1.0470	2.3752
46 200	1.21136	1.30045	3.60618	328.431	1.6925	1.0624	2.3775
46 300	1.19605	1.28268	3.58145	328.602	1.6939	1.0780	2.3797
46 400	1.18095	1.26516	3.55691	328.774	1.6953	1.0939	2.3820
46 500	1.16605	1.24790	3.53257	328.945	1.6967	1.1099	2.3842
46 600	1.15136	1.23090	3.50841	329.116	1.6981	1.1262	2.3865
46 700	1.13686	1.21414	3.48445	329.287	1.6995	1.1427	2.3887
46 800	1.12257	1.19763	3.46068	329.457	1.7009	1.1594	2.3909
46 900	1.10846	1.18136	3.43709	329.628	1.7023	1.1763	2.3932
47 000	1.09455 –3	1.16533 –3	3.41369 –2	329.799	1.7037 –5	1.1934 –2	2.3954 –2
47 100	1.08082	1.15071	3.39221	329.799	1.7037	1.2086	2.3954
47 200	1.06727	1.13627	3.37087	329.799	1.7037	1.2240	2.3954
47 300	1.05388	1.12202	3.34966	329.799	1.7037	1.2395	2.3954
47 400	1.04066	1.10795	3.32859	329.799	1.7037	1.2553	2.3954
47 500	1.02761	1.09405	3.30764	329.799	1.7037	1.2712	2.3954
47 600	1.01472	1.08033	3.28683	329.799	1.7037	1.2873	2.3954
47 700	1.00199	1.06678	3.26615	329.799	1.7037	1.3037	2.3954
47 800	9.89421 –4	1.05340	3.24561	329.799	1.7037	1.3203	2.3954
47 900	9.77011	1.04018	3.22519	329.799	1.7037	1.3370	2.3954

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
48 000	1.00957 –3	1.07485 –3	3.27849 –2	329.799	1.7037 –5	1.2939 –2	2.3954 –2
48 100	9.97099 –4	1.06157	3.25817	329.799	1.7037	1.3101	2.3954
48 200	9.84778	1.04845	3.23798	329.799	1.7037	1.3265	2.3954
48 300	9.72610	1.03550	3.21791	329.799	1.7037	1.3431	2.3954
48 400	9.60593	1.02270	3.19797	329.799	1.7037	1.3599	2.3954
48 500	9.48724	1.01007	3.17816	329.799	1.7037	1.3769	2.3954
48 600	9.37002	9.97588 –4	3.15846	329.799	1.7037	1.3941	2.3954
48 700	9.25426	9.85263	3.13889	329.799	1.7037	1.4116	2.3954
48 800	9.13993	9.73091	3.11944	329.799	1.7037	1.4292	2.3954
48 900	9.02702	9.61070	3.10011	329.799	1.7037	1.4471	2.3954
49 000	8.91550 –4	9.49197 –4	3.08090 –2	329.799	1.7037 –5	1.4652 –2	2.3954 –2
49 100	8.80537	9.37471	3.06182	329.799	1.7037	1.4835	2.3954
49 200	8.69660	9.25891	3.04284	329.799	1.7037	1.5021	2.3954
49 300	8.58917	9.14454	3.02399	329.799	1.7037	1.5209	2.3954
49 400	8.48308	9.03159	3.00526	329.799	1.7037	1.5399	2.3954
49 500	8.37830	8.92003	2.98664	329.799	1.7037	1.5591	2.3954
49 600	8.27482	8.80986	2.96814	329.799	1.7037	1.5786	2.3954
49 700	8.17262	8.70105	2.94975	329.799	1.7037	1.5984	2.3954
49 800	8.07168	8.59359	2.93148	329.799	1.7037	1.6184	2.3954
49 900	7.97200	8.48746	2.91332	329.799	1.7037	1.6386	2.3954
50 000	7.87354 –4	8.38264 –4	2.89528 –2	329.799	1.7037 –5	1.6591 –2	2.3954 –2
50 100	7.77631	8.27912	2.87735	329.799	1.7037	1.6798	2.3954
50 200	7.68028	8.17688	2.85952	329.799	1.7037	1.7008	2.3954
50 300	7.58544	8.07591	2.84181	329.799	1.7037	1.7221	2.3954
50 400	7.49178	7.97619	2.82421	329.799	1.7037	1.7436	2.3954
50 500	7.39927	7.87770	2.80672	329.799	1.7037	1.7654	2.3954
50 600	7.30791	7.78043	2.78934	329.799	1.7037	1.7875	2.3954
50 700	7.21768	7.68436	2.77207	329.799	1.7037	1.8099	2.3954
50 800	7.12856	7.58949	2.75490	329.799	1.7037	1.8325	2.3954
50 900	7.04055	7.49579	2.73784	329.799	1.7037	1.8554	2.3954
51 000	6.95363 –4	7.40324 –4	2.72089 –2	329.799	1.7037 –5	1.8786 –2	2.3954 –2
51 200	6.78300	7.22158	2.68730	329.799	1.7037	1.9258	2.3954
51 400	6.61657	7.04439	2.65413	329.799	1.7037	1.9743	2.3954
51 600	6.45409	6.88454	2.62384	329.484	1.7011	2.0171	2.3913
51 800	6.29528	6.72887	2.59401	329.148	1.6984	2.0604	2.3869
52 000	6.14009	6.57643	2.56445	328.811	1.6956	2.1048	2.3825
52 200	5.98842	6.42714	2.53518	328.474	1.6929	2.1502	2.3781
52 400	5.84020	6.28096	2.50618	328.137	1.6901	2.1966	2.3736
52 600	5.69538	6.13782	2.47746	327.800	1.6874	2.2442	2.3692
52 800	5.55386	5.99766	2.44901	327.462	1.6846	2.2929	2.3648
53 000	5.41559 –4	5.86044 –4	2.42083 –2	327.124	1.6819 –5	2.3427 –2	2.3604 –2
53 200	5.28049	5.72609	2.39292	326.785	1.6791	2.3938	2.3559
53 400	5.14850	5.59455	2.36528	326.446	1.6763	2.4460	2.3515
53 600	5.01955	5.46579	2.33790	326.107	1.6736	2.4995	2.3471
53 800	4.89358	5.33973	2.31079	325.768	1.6708	2.5543	2.3426
54 000	4.77053	5.21634	2.28393	325.428	1.6680	2.6104	2.3382
54 200	4.65033	5.09555	2.25733	325.088	1.6653	2.6678	2.3338
54 400	4.53293	4.97733	2.23099	324.747	1.6625	2.7266	2.3293
54 600	4.41825	4.86161	2.20491	324.406	1.6597	2.7869	2.3249
54 800	4.30626	4.74836	2.17907	324.065	1.6569	2.8485	2.3204
55 000	4.19688 –4	4.63752 –4	2.15349 –2	323.724	1.6541 –5	2.9117 –2	2.3160 –2
55 200	4.09007	4.52905	2.12816	323.382	1.6514	2.9764	2.3115
55 400	3.98576	4.42290	2.10307	323.040	1.6486	3.0427	2.3071
55 600	3.88391	4.31903	2.07823	322.697	1.6458	3.1106	2.3026
55 800	3.78445	4.21739	2.05363	322.354	1.6430	3.1802	2.2982
56 000	3.68735	4.11794	2.02927	322.011	1.6402	3.2514	2.2937
56 200	3.59254	4.02064	2.00515	321.668	1.6374	3.3245	2.2893
56 400	3.49998	3.92544	1.98127	321.324	1.6346	3.3993	2.2848
56 600	3.40962	3.83231	1.95763	320.980	1.6318	3.4759	2.2803
56 800	3.32142	3.74119	1.93422	320.635	1.6290	3.5544	2.2759

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
48 000	9.64756 –4	1.02714 –3	3.20490 –2	329.799	1.7037 –5	1.3540 –2	2.3954 –2
48 100	9.52654	1.01425	3.18473	329.799	1.7037	1.3712	2.3954
48 200	9.40705	1.00153	3.16470	329.799	1.7037	1.3886	2.3954
48 300	9.28905	9.88968 –4	3.14479	329.799	1.7037	1.4063	2.3954
48 400	9.17254	9.76563	3.12500	329.799	1.7037	1.4241	2.3954
48 500	9.05749	9.64313	3.10534	329.799	1.7037	1.4422	2.3954
48 600	8.94387	9.52218	3.08580	329.799	1.7037	1.4605	2.3954
48 700	8.83169	9.40274	3.06639	329.799	1.7037	1.4791	2.3954
48 800	8.72091	9.28479	3.04710	329.799	1.7037	1.4979	2.3954
48 900	8.61152	9.16833	3.02793	329.799	1.7037	1.5169	2.3954
49 000	8.50350 –4	9.05333 –4	3.00888 –2	329.799	1.7037 –5	1.5362 –2	2.3954 –2
49 100	8.39684	8.93977	2.98995	329.799	1.7037	1.5557	2.3954
49 200	8.29152	8.82764	2.97113	329.799	1.7037	1.5755	2.3954
49 300	8.18751	8.71691	2.95244	329.799	1.7037	1.5955	2.3954
49 400	8.08481	8.60757	2.93387	329.799	1.7037	1.6157	2.3954
49 500	7.98340	8.49960	2.91541	329.799	1.7037	1.6363	2.3954
49 600	7.88327	8.39299	2.89707	329.799	1.7037	1.6570	2.3954
49 700	7.78438	8.28771	2.87884	329.799	1.7037	1.6781	2.3954
49 800	7.68674	8.18376	2.86073	329.799	1.7037	1.6994	2.3954
49 900	7.59032	8.08111	2.84273	329.799	1.7037	1.7210	2.3954
50 000	7.49512 –4	7.97974 –4	2.82484 –2	329.799	1.7037 –5	1.7429 –2	2.3954 –2
50 100	7.40110	7.87965	2.80707	329.799	1.7037	1.7650	2.3954
50 200	7.30827	7.78081	2.78941	329.799	1.7037	1.7874	2.3954
50 300	7.21660	7.68322	2.77186	329.799	1.7037	1.8101	2.3954
50 400	7.12608	7.58684	2.75442	329.799	1.7037	1.8331	2.3954
50 500	7.03669	7.49168	2.73709	329.799	1.7037	1.8564	2.3954
50 600	6.94843	7.39771	2.71987	329.799	1.7037	1.8800	2.3954
50 700	6.86127	7.30492	2.70276	329.799	1.7037	1.9039	2.3954
50 800	6.77521	7.21329	2.68576	329.799	1.7037	1.9280	2.3954
50 900	6.69023	7.12281	2.66886	329.799	1.7037	1.9525	2.3954
51 000	6.60631 –4	7.03347 –4	2.65207 –2	329.799	1.7037 –5	1.9773 –2	2.3954 –2
51 200	6.44145	6.87217	2.62148	329.457	1.7009	2.0204	2.3909
51 400	6.28038	6.71424	2.59118	329.116	1.6981	2.0646	2.3865
51 600	6.12301	6.55963	2.56118	328.774	1.6953	2.1098	2.3820
51 800	5.96926	6.40827	2.53145	328.431	1.6925	2.1560	2.3775
52 000	5.81907	6.26009	2.50202	328.088	1.6897	2.2034	2.3730
52 200	5.67236	6.11505	2.47285	327.745	1.6869	2.2520	2.3688
52 400	5.52905	5.97306	2.44398	327.402	1.6841	2.3017	2.3640
52 600	5.38907	5.83409	2.41539	327.058	1.6813	2.3526	2.3595
52 800	5.25235	5.69807	2.38706	326.714	1.6785	2.4047	2.3550
53 000	5.11882 –4	5.56494 –4	2.35901 –2	326.369	1.6757 –5	2.4581 –2	2.3505 –2
53 200	4.98841	5.43465	2.33123	326.024	1.6729	2.5128	2.3460
53 400	4.86106	5.30715	2.30372	325.679	1.6701	2.5689	2.3415
53 600	4.73670	5.18237	2.27648	325.333	1.6673	2.6263	2.3370
53 800	4.61527	5.06027	2.24950	324.987	1.6644	2.6851	2.3324
54 000	4.49670	4.94080	2.22279	324.641	1.6616	2.7453	2.3279
54 200	4.38094	4.82390	2.19634	324.294	1.6588	2.8071	2.3234
54 400	4.26791	4.70953	2.17014	323.947	1.6560	2.8704	2.3189
54 600	4.15757	4.59763	2.14421	323.599	1.6531	2.9352	2.3144
54 800	4.04986	4.48816	2.11853	323.251	1.6503	3.0016	2.3098
55 000	3.94471 –4	4.38106 –4	2.09310 –2	322.903	1.6475 –5	3.0697 –2	2.3053 –2
55 200	3.84207	4.27630	2.06792	322.554	1.6446	3.1395	2.3008
55 400	3.74189	4.17383	2.04299	322.205	1.6418	3.2110	2.2962
55 600	3.64411	4.07359	2.01831	321.856	1.6389	3.2843	2.2917
55 800	3.54868	3.97556	1.99388	321.506	1.6361	3.3594	2.2872
56 000	3.45555	3.87967	1.96969	321.156	1.6332	3.4365	2.2826
56 200	3.36468	3.78590	1.94574	320.805	1.6304	3.5154	2.2781
56 400	3.27600	3.69420	1.92203	320.454	1.6275	3.5964	2.2735
56 600	3.18947	3.60452	1.89856	320.103	1.6246	3.6794	2.2690
56 800	3.10504	3.51683	1.87532	319.751	1.6218	3.7645	2.2644

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
57 000	3.23531 –4	3.65206 –4	1.91104 –2	320.290	1.6262 –5	3.6349 –2	2.2714 –2
57 200	3.15127	3.56487	1.88809	319.945	1.6234	3.7174	2.2669
57 400	3.06924	3.47959	1.86537	319.599	1.6205	3.8019	2.2625
57 600	2.98918	3.39617	1.84287	319.253	1.6177	3.8885	2.2580
57 800	2.91104	3.31459	1.82060	318.907	1.6149	3.9772	2.2535
58 000	2.83479	3.23480	1.79855	318.560	1.6121	4.0682	2.2490
58 200	2.76039	3.15676	1.77673	318.213	1.6093	4.1615	2.2446
58 400	2.68778	3.08045	1.75512	317.866	1.6064	4.2571	2.2404
58 600	2.61693	3.00583	1.73373	317.518	1.6036	4.3551	2.2356
58 800	2.54781	2.93286	1.71256	317.170	1.6008	4.4556	2.2311
59 000	2.48037 –4	2.86151 –4	1.69160 –2	316.821	1.5979 –5	4.5586 –2	2.2266 –2
59 200	2.41458	2.79176	1.67085	316.473	1.5951	4.6642	2.2221
59 400	2.35039	2.72355	1.65032	316.123	1.5923	4.7724	2.2176
59 600	2.28778	2.65688	1.62999	315.774	1.5894	4.8835	2.2131
59 800	2.22671	2.59169	1.60987	315.424	1.5866	4.9973	2.2086
60 000	2.16714	2.52797	1.58996	315.073	1.5837	5.1141	2.2041
60 200	2.10904	2.46569	1.57025	314.723	1.5809	5.2339	2.1996
60 400	2.05238	2.40480	1.55074	314.372	1.5780	5.3567	2.1951
60 600	1.99712	2.34530	1.53144	314.020	1.5752	5.4826	2.1906
60 800	1.94324	2.28714	1.51233	313.669	1.5723	5.6118	2.1861
61 000	1.89069 –4	2.23030 –4	1.49342 –2	313.316	1.5694 –5	5.7444 –2	2.1816 –2
61 200	1.83946	2.17475	1.47470	312.964	1.5666	5.8804	2.1771
61 400	1.78950	2.12047	1.45618	312.611	1.5637	6.0198	2.1726
61 600	1.74080	2.06743	1.43786	312.258	1.5608	6.1629	2.1681
61 800	1.69332	2.01561	1.41972	311.904	1.5580	6.3098	2.1635
62 000	1.64704	1.96497	1.40177	311.550	1.5551	6.4604	2.1590
62 200	1.60192	1.91550	1.38402	311.196	1.5522	6.6150	2.1545
62 400	1.55794	1.86717	1.36644	310.841	1.5493	6.7736	2.1500
62 600	1.51507	1.81995	1.34905	310.486	1.5464	6.9364	2.1454
62 800	1.47330	1.77383	1.33185	310.130	1.5435	7.1035	2.1409
63 000	1.43258	1.72877 –4	1.31483 –2	309.774	1.5407 –5	7.2750 –2	2.1364 –2
63 200	1.39290	1.68476	1.29798	309.418	1.5378	7.4510	2.1318
63 400	1.35424	1.64178	1.28132	309.061	1.5349	7.6317	2.1273
63 600	1.31657	1.59980	1.26483	308.704	1.5320	7.8171	2.1228
63 800	1.27986	1.55881	1.24852	308.346	1.5291	8.0075	2.1182
64 000	1.24409	1.51877	1.23239	307.988	1.5262	8.2030	2.1137
64 200	1.20925	1.47968	1.21642	307.630	1.5233	8.4037	2.1092
64 400	1.17531	1.44151	1.20063	307.271	1.5204	8.6098	2.1046
64 600	1.14225	1.40424	1.18500	306.912	1.5174	8.8213	2.1001
64 800	1.11004	1.36785	1.16955	306.553	1.5145	9.0386	2.0955
65 000	1.07867 –4	1.33232 –4	1.15426 –2	306.193	1.5116 –5	9.2618 –2	2.0910 –2
65 200	1.04812	1.29764	1.13914	305.833	1.5087	9.4909	2.0864
65 400	1.01837	1.26378	1.12418	305.472	1.5058	9.7263	2.0818
65 600	9.89399 –5	1.23074	1.10939	305.111	1.5028	9.9680	2.0773
65 800	9.61186	1.19848	1.09475	304.749	1.4999	1.0216 –1	2.0727
66 000	9.33714	1.16699	1.08028	304.387	1.4970	1.0471	2.0682
66 200	9.06967	1.13627	1.06596	304.025	1.4940	1.0734	2.0636
66 400	8.80927	1.10628	1.05180	303.662	1.4911	1.1003	2.0590
66 600	8.55576	1.07702	1.03780	303.299	1.4882	1.1279	2.0545
66 800	8.30898	1.04847	1.02395	302.936	1.4852	1.1564	2.0499
67 000	8.06877 –5	1.02061 –4	1.01025 –2	302.572	1.4823 –5	1.1856 –1	2.0453 –2
67 200	7.83496	9.93426 –5	9.96707 –3	302.207	1.4793	1.2156	2.0407
67 400	7.60740	9.66905	9.83313	301.842	1.4764	1.2464	2.0362
67 600	7.38593	9.41033	9.70069	301.477	1.4734	1.2781	2.0316
67 800	7.17042	9.15794	9.56971	301.112	1.4704	1.3107	2.0270
68 000	6.96070	8.91175	9.44020	300.746	1.4675	1.3442	2.0224
68 200	6.75664	8.67161	9.31215	300.379	1.4645	1.3787	2.0178
68 400	6.55809	8.43739	9.18553	300.012	1.4615	1.4141	2.0132
68 600	6.36493	8.20897	9.06033	299.645	1.4586	1.4505	2.0087
68 800	6.17701	7.98620	8.93655	299.277	1.4556	1.4879	2.0041

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
57 000	3.02267 –4	3.43109 –4	1.85232 –2	319.399	1.6189 –5	3.8517 –2	2.2599 –2
57 200	2.94231	3.34725	1.82955	319.047	1.6160	3.9412	2.2553
57 400	2.86391	3.26529	1.80701	318.694	1.6132	4.0330	2.2508
57 600	2.78744	3.18515	1.78470	318.340	1.6103	4.1270	2.2462
57 800	2.71284	3.10682	1.76262	317.987	1.6074	4.2235	2.2416
58 000	2.64009	3.03024	1.74076	317.633	1.6045	4.3225	2.2371
58 200	2.56912	2.95538	1.71912	317.278	1.6017	4.4240	2.2325
58 400	2.49992	2.88221	1.69771	316.923	1.5988	4.5282	2.2279
58 600	2.43242	2.81070	1.67651	316.568	1.5959	4.6350	2.2233
58 800	2.36661	2.74080	1.65554	316.212	1.5930	4.7446	2.2188
59 000	2.30243 –4	2.67249 –4	1.63478 –2	315.856	1.5901 –5	4.8570 –2	2.2142 –2
59 200	2.23985	2.60573	1.61423	315.500	1.5872	4.9723	2.2096
59 400	2.17884	2.54050	1.59389	315.143	1.5843	5.0907	2.2050
59 600	2.11936	2.47676	1.57377	314.786	1.5814	5.2121	2.2004
59 800	2.06138	2.41448	1.55386	314.428	1.5785	5.3368	2.1958
60 000	2.00485	2.35362	1.53415	314.070	1.5756	5.4646	2.1913
60 200	1.94975	2.29417	1.51465	313.712	1.5726	5.5959	2.1867
60 400	1.89604	2.23609	1.49535	313.353	1.5697	5.7306	2.1821
60 600	1.84369	2.17935	1.47626	312.993	1.5668	5.8689	2.1775
60 800	1.79267	2.12392	1.45737	312.634	1.5639	6.0108	2.1729
61 000	1.74295 –4	2.06978 –4	1.43867 –2	312.274	1.5610 –5	6.1565 –2	2.1683 –2
61 200	1.69451	2.01690	1.42018	311.913	1.5580	6.3060	2.1637
61 400	1.64729	1.96525	1.40188	311.552	1.5551	6.4596	2.1590
61 600	1.60129	1.91481	1.38377	311.191	1.5522	6.6172	2.1544
61 800	1.55648	1.86556	1.36585	310.829	1.5492	6.7791	2.1498
62 000	1.51281	1.81746	1.34813	310.467	1.5463	6.9453	2.1452
62 200	1.47028	1.77049	1.33060	310.104	1.5433	7.1159	2.1406
62 400	1.42884	1.72463	1.31325	309.741	1.5404	7.2912	2.1360
62 600	1.38848	1.67985	1.29609	309.377	1.5374	7.4712	2.1313
62 800	1.34917	1.63614	1.27911	309.013	1.5345	7.6561	2.1267
63 000	1.31088 –4	1.59346 –4	1.26232 –2	308.649	1.5315 –5	7.8460 –2	2.1221 –2
63 200	1.27359	1.55180	1.24571	308.284	1.5286	8.0411	2.1175
63 400	1.23728	1.51113	1.22928	307.919	1.5256	8.2414	2.1128
63 600	1.20192	1.47144	1.21303	307.553	1.5226	8.4473	2.1082
63 800	1.16749	1.43270	1.19695	307.187	1.5197	8.6588	2.1035
64 000	1.13397	1.39489	1.18105	306.821	1.5167	8.8761	2.0989
64 200	1.10133	1.35799	1.16533	306.454	1.5137	9.0994	2.0943
64 400	1.06956	1.32198	1.14977	306.086	1.5107	9.3289	2.0896
64 600	1.03863	1.28684	1.13439	305.719	1.5078	9.5647	2.0850
64 800	1.00852	1.25256	1.11918	305.350	1.5048	9.8070	2.0803
65 000	9.79221 –5	1.21911 –4	1.10413 –2	304.982	1.5018 –5	1.0056 –1	2.0757 –2
65 200	9.50702	1.18647	1.08925	304.612	1.4988	1.0312	2.0710
65 400	9.22947	1.15464	1.07454	304.243	1.4958	1.0575	2.0663
65 600	8.95938	1.12358	1.05999	303.873	1.4928	1.0846	2.0617
65 800	8.69656	1.09328	1.04560	303.502	1.4898	1.1124	2.0570
66 000	8.44084	1.06373	1.03137	303.131	1.4868	1.1410	2.0523
66 200	8.19203	1.03491	1.01731	302.760	1.4838	1.1704	2.0477
66 400	7.94998	1.00681	1.00340	302.388	1.4808	1.2006	2.0430
66 600	7.71451	9.79396 –5	9.89645 –3	302.015	1.4778	1.2317	2.0383
66 800	7.48546	9.52667	9.76047	301.643	1.4747	1.2637	2.0337
67 000	7.26266 –5	9.26604 –5	9.62603 –3	301.269	1.4717 –5	1.2966 –1	2.0290 –2
67 200	7.04597	9.01192	9.49312	300.896	1.4687	1.3304	2.0243
67 400	6.83523	8.76417	9.36171	300.521	1.4657	1.3652	2.0196
67 600	6.63029	8.52263	9.23181	300.147	1.4626	1.4010	2.0149
67 800	6.43100	8.28717	9.10339	299.772	1.4596	1.4378	2.0102
68 000	6.23723	8.05764	8.97644	299.396	1.4566	1.4757	2.0056
68 200	6.04883	7.83392	8.85095	299.020	1.4535	1.5146	2.0009
68 400	5.86567	7.61588	8.72690	298.643	1.4505	1.5547	1.9962
68 600	5.68761	7.40337	8.60428	298.266	1.4474	1.5960	1.9915
68 800	5.51452	7.19628	8.48309	297.889	1.4444	1.6385	1.9868

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
69 000	5.99421 –5	7.76896 –5	8.81417 –3	298.909	1.4526 –5	1.5264 –1	1.9995 –2
69 200	5.81640	7.55714	8.69318	298.540	1.4496	1.5659	1.9949
69 400	5.64346	7.35060	8.57356	298.171	1.4467	1.6066	1.9903
69 600	5.47526	7.14922	8.45531	297.802	1.4437	1.6484	1.9857
69 800	5.31168	6.95289	8.33840	297.432	1.4407	1.6915	1.9811
70 000	5.15261	6.76150	8.22283	297.061	1.4377	1.7358	1.9765
70 200	4.99793	6.57493	8.10859	296.691	1.4347	1.7813	1.9719
70 400	4.84753	6.39307	7.99567	296.319	1.4317	1.8281	1.9673
70 600	4.70131	6.21581	7.88404	295.948	1.4287	1.8763	1.9626
70 800	4.55916	6.04305	7.77371	295.576	1.4257	1.9259	1.9580
71 000	4.42097 –5	5.87469 –5	7.66465 –3	295.203	1.4227 –5	1.9769 –1	1.9534 –2
71 200	4.28665	5.71062	7.55686	294.830	1.4197	2.0294	1.9488
71 400	4.15608	5.55074	7.45033	294.456	1.4167	2.0834	1.9442
71 600	4.02919	5.39496	7.34504	294.083	1.4136	2.1390	1.9396
71 800	3.90587	5.24317	7.24098	293.708	1.4106	2.1963	1.9349
72 000	3.78607	5.09168	7.13560	293.439	1.4085	2.2581	1.9316
72 200	3.66975	4.94426	7.03154	293.171	1.4063	2.3219	1.9283
72 400	3.55680	4.80087	6.92883	292.903	1.4041	2.3876	1.9250
72 600	3.44714	4.66139	6.82743	292.635	1.4020	2.4552	1.9217
72 800	3.34067	4.52572	6.72735	292.366	1.3998	2.5249	1.9184
73 000	3.23732 –5	4.39378 –5	6.62856 –3	292.097	1.3976 –5	2.5967 –1	1.9151 –2
73 200	3.13698	4.26545	6.53104	291.828	1.3955	2.6707	1.9118
73 400	3.03958	4.14066	6.43479	291.559	1.3933	2.7469	1.9085
73 600	2.94504	4.01930	6.33979	291.290	1.3911	2.8254	1.9052
73 800	2.85328	3.90129	6.24603	291.020	1.3890	2.9063	1.9019
74 000	2.76422	3.78654	6.15349	290.750	1.3868	2.9897	1.8985
74 200	2.67779	3.67497	6.06216	290.480	1.3846	3.0757	1.8952
74 400	2.59392	3.56650	5.97202	290.209	1.3824	3.1642	1.8919
74 600	2.51252	3.46104	5.88306	289.938	1.3803	3.2555	1.8886
74 800	2.43354	3.35852	5.79527	289.667	1.3781	3.3496	1.8853
75 000	2.35691 –5	3.25886 –5	5.70864 –3	289.396	1.3759 –5	3.4465 –1	1.8820 –2
75 200	2.28255	3.16198	5.62315	289.125	1.3737	3.5465	1.8786
75 400	2.21042	3.06781	5.53878	288.853	1.3715	3.6495	1.8753
75 600	2.14044	2.97629	5.45553	288.581	1.3693	3.7558	1.8720
75 800	2.07255	2.88733	5.37339	288.309	1.3671	3.8653	1.8687
76 000	2.00670	2.80088	5.29233	288.037	1.3650	3.9782	1.8654
76 200	1.94282	2.71686	5.21235	287.764	1.3628	4.0946	1.8620
76 400	1.88087	2.63522	5.13344	287.491	1.3606	4.2147	1.8587
76 600	1.82078	2.55589	5.05558	287.218	1.3584	4.3385	1.8554
76 800	1.76251	2.47881	4.97876	286.945	1.3562	4.4662	1.8521
77 000	1.70600 –5	2.40391 –5	4.90297 –3	286.671	1.3540 –5	4.5979 –1	1.8487 –2
77 200	1.65120	2.33115	4.82820	286.398	1.3518	4.7337	1.8454
77 400	1.59807	2.26046	4.75443	286.124	1.3496	4.8738	1.8421
77 600	1.54655	2.19179	4.68165	285.849	1.3474	5.0183	1.8387
77 800	1.49660	2.12508	4.60986	285.575	1.3452	5.1673	1.8354
78 000	1.44818	2.06028	4.53904	285.300	1.3430	5.3211	1.8321
78 200	1.40123	1.99735	4.46917	285.025	1.3408	5.4797	1.8287
78 400	1.35573	1.93622	4.40025	284.749	1.3385	5.6434	1.8254
78 600	1.31162	1.87686	4.33227	284.474	1.3363	5.8123	1.8221
78 800	1.26887	1.81921	4.26522	284.198	1.3341	5.9866	1.8187
79 000	1.22743 –5	1.76323 –5	4.19908 –3	283.922	1.3319 –5	6.1664 –1	1.8154 –2
79 200	1.18728	1.70886	4.13384	283.646	1.3297	6.3520	1.8121
79 400	1.14836	1.65608	4.06950	283.369	1.3275	6.5435	1.8087
79 600	1.11065	1.60483	4.00604	283.092	1.3253	6.7411	1.8054
79 800	1.07411	1.55508	3.94345	282.815	1.3230	6.9452	1.8021
80 000	1.03871	1.50678	3.88172	282.538	1.3208	7.1558	1.7987

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
69 000	5.34629 –5	6.99447 –5	8.36330 –3	297.511	1.4413 –5	1.6822 –1	1.9821 –2
69 200	5.18278	6.79784	8.24490	297.132	1.4383	1.7272	1.9774
69 400	5.02387	6.60625	8.12788	296.754	1.4352	1.7735	1.9726
69 600	4.86944	6.41959	8.01223	296.374	1.4321	1.8211	1.9679
69 800	4.71938	6.23774	7.89794	295.994	1.4291	1.8702	1.9632
70 000	4.57358	6.06060	7.78499	295.614	1.4260	1.9207	1.9585
70 200	4.43193	5.88805	7.67337	295.233	1.4229	1.9728	1.9538
70 400	4.29431	5.71999	7.56306	294.852	1.4199	2.0263	1.9491
70 600	4.16063	5.55631	7.45407	294.470	1.4168	2.0815	1.9443
70 800	4.03077	5.39690	7.34636	294.087	1.4137	2.1383	1.9396
71 000	3.90465 –5	5.24167 –5	7.23994 –3	293.704	1.4106 –5	2.1968 –1	1.9349 –2
71 200	3.78220	5.08678	7.13217	293.431	1.4084	2.2602	1.9315
71 400	3.66338	4.93619	7.02580	293.157	1.4062	2.3255	1.9281
71 600	3.54808	4.78978	6.92082	292.882	1.4040	2.3928	1.9248
71 800	3.43620	4.64745	6.81722	292.608	1.4018	2.4622	1.9214
72 000	3.32764	4.50910	6.71499	292.333	1.3995	2.5337	1.9180
72 200	3.22233	4.37462	6.61409	292.058	1.3973	2.6075	1.9146
72 400	3.12015	4.24391	6.51453	291.782	1.3951	2.6835	1.9112
72 600	3.02103	4.11686	6.41628	291.507	1.3929	2.7619	1.9078
72 800	2.92488	3.99339	6.31933	291.231	1.3907	2.8428	1.9044
73 000	2.83162 –5	3.87340 –5	6.22366 –3	290.955	1.3884 –5	2.9262 –1	1.9011 –2
73 200	2.74116	3.75680	6.12927	290.679	1.3862	3.0121	1.8977
73 400	2.65343	3.64349	6.03613	290.402	1.3840	3.1008	1.8943
73 600	2.56835	3.53340	5.94424	290.125	1.3818	3.1923	1.8909
73 800	2.48584	3.42643	5.85357	289.848	1.3795	3.2866	1.8875
74 000	2.40583	3.32250	5.76411	289.570	1.3773	3.3840	1.8841
74 200	2.32825	3.22154	5.67586	289.293	1.3751	3.4844	1.8807
74 400	2.25303	3.12345	5.58879	289.015	1.3728	3.5879	1.8773
74 600	2.18010	3.02818	5.50289	288.737	1.3706	3.6948	1.8739
74 800	2.10940	2.93563	5.41815	288.458	1.3683	3.8050	1.8705
75 000	2.04086 –5	2.84575 –5	5.33455 –3	288.179	1.3661 –5	3.9188 –1	1.8671 –2
75 200	1.97442	2.75844	5.25209	287.900	1.3639	4.0362	1.8637
75 400	1.91002	2.67366	5.17074	287.621	1.3616	4.1573	1.8603
75 600	1.84760	2.59132	5.09050	287.341	1.3594	4.2823	1.8569
75 800	1.78711	2.51137	5.01136	287.061	1.3571	4.4113	1.8535
76 000	1.72849	2.43373	4.93329	286.781	1.3549	4.5445	1.8501
76 200	1.67168	2.35835	4.85629	286.501	1.3526	4.6820	1.8467
76 400	1.61663	2.28516	4.78034	286.220	1.3504	4.8239	1.8432
76 600	1.56329	2.21411	4.70543	285.939	1.3481	4.9703	1.8398
76 800	1.51161	2.14513	4.63156	285.658	1.3458	5.1216	1.8364
77 000	1.46154 –5	2.07818 –5	4.55870 –3	285.377	1.3436 –5	5.2777 –1	1.8330 –2
77 200	1.41304	2.01318	4.48685	285.095	1.3413	5.4389	1.8296
77 400	1.36605	1.95010	4.41599	284.813	1.3391	5.6054	1.8262
77 600	1.32054	1.88887	4.34612	284.530	1.3368	5.7773	1.8228
77 800	1.27646	1.82945	4.27721	284.248	1.3345	5.9548	1.8193
78 000	1.23376	1.77179	4.20926	283.965	1.3323	6.1382	1.8159
78 200	1.19242	1.71583	4.14226	283.682	1.3300	6.3275	1.8125
78 400	1.15238	1.66154	4.07620	283.398	1.3277	6.5231	1.8091
78 600	1.11361	1.60886	4.01106	283.114	1.3254	6.7252	1.8057
78 800	1.07607	1.55775	3.94683	282.830	1.3232	6.9339	1.8022
79 000	1.03972 –5	1.50816 –5	3.88350 –3	282.546	1.3209 –5	7.1495 –1	1.7988 –2
79 200	1.00453	1.46006	3.82107	282.261	1.3186	7.3723	1.7954
79 400	9.70469 –6	1.41340	3.75952	281.977	1.3163	7.6025	1.7920
79 600	9.37493	1.36814	3.69883	281.691	1.3140	7.8404	1.7885
79 800	9.05575	1.32424	3.63901	281.406	1.3117	8.0862	1.7851
80 000	8.74682	1.28167	3.58004	281.120	1.3095	8.3402	1.7817

TABLE 3

Pressure scale height (H_p), specific weight (γ), number density (n), mean particle speed ($\bar{v}$),
collision frequency (ω) and mean free path (l) in terms of
geometrical altitude (h) and geopotential altitude (H)
(altitudes in metres)

TABLEAU 3

Altitude en échelle barométrique (H_p), poids spécifique (γ), concentration (n),
vitesse moyenne ($\bar{v}$), fréquence des chocs (ω) et libre parcours moyen (l)
en fonction de l'altitude géométrique (h) et de l'altitude géopotentielle (H)
(altitudes en mètres)

TABLA 3

Altitud en la escala de presión (H_p), peso específico (γ), densidad numérica (n), velocidad media
de las partículas ($\bar{v}$), frecuencia de colisión (ω) y camino libre medio (l) en función
de la altitud geométrica (h) y geopotencial (H)
(altitudes en metros)

ТАБЛИЦА 3

Высота однородной по давлению атмосферы (H_p), удельный вес (γ), концентрация частиц воздуха (n),
средняя скорость частиц воздуха ($\bar{v}$), частота соударений частиц воздуха (ω)
и средняя длина свободного пробега частиц воздуха (l)
в функции геометрической (h) и геопотенциальной (H) высот
(высоты в метрах)

VALUES IN TERMS OF GEOMETRICAL ALTITUDE
VALEURS EN FONCTION DE L'ALTITUDE GÉOMÉTRIQUE
VALORES EN FUNCIÓN DE LA ALTITUD GEOMÉTRICA
ЗНАЧЕНИЯ ПАРАМЕТРОВ В ФУНКЦИИ ГЕОМЕТРИЧЕСКОЙ ВЫСОТЫ

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
h (м)	H_p (м)	γ (Н/м^3)	n (м$^{-3}$)	$\bar{v}$ (м/с)	ω (с$^{-1}$)	l (м)

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE
VALEURS EN FONCTION DE L'ALTITUDE GÉOPOTENTIELLE
VALORES EN FUNCIÓN DE LA ALTITUD GEOPOTENCIAL
ЗНАЧЕНИЯ ПАРАМЕТРОВ В ФУНКЦИИ ГЕОПОТЕНЦИАЛЬНОЙ ВЫСОТЫ

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
H (м)	H_p (м)	γ (Н/м^3)	n (м$^{-3}$)	$\bar{v}$ (м/с)	ω (с$^{-1}$)	l (м)

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
–5 000	9371.8	1.8968 +1	4.0154 +25	484.15	1.1507 +10	4.2075 –8
–4 950	9362.4	1.8886	3.9981	483.91	1.1452	4.2257
–4 900	9353.1	1.8804	3.9808	483.66	1.1396	4.2440
–4 850	9343.7	1.8722	3.9636	483.42	1.1341	4.2624
–4 800	9334.3	1.8641	3.9465	483.17	1.1286	4.2810
–4 750	9325.0	1.8560	3.9294	482.92	1.1232	4.2996
–4 700	9315.6	1.8479	3.9123	482.68	1.1178	4.3183
–4 650	9306.3	1.8399	3.8954	482.43	1.1123	4.3371
–4 600	9296.9	1.8319	3.8784	482.18	1.1069	4.3560
–4 550	9287.5	1.8239	3.8616	481.94	1.1016	4.3751
–4 500	9278.2	1.8159 +1	3.8448 +25	481.69	1.0962 +10	4.3942 –8
–4 450	9268.8	1.8080	3.8280	481.44	1.0909	4.4134
–4 400	9259.4	1.8000	3.8113	481.20	1.0856	4.4327
–4 350	9250.0	1.7922	3.7947	480.95	1.0803	4.4522
–4 300	9240.7	1.7843	3.7781	480.70	1.0750	4.4717
–4 250	9231.3	1.7765	3.7616	480.45	1.0697	4.4914
–4 200	9221.9	1.7687	3.7451	480.21	1.0645	4.5111
–4 150	9212.6	1.7609	3.7287	479.96	1.0593	4.5310
–4 100	9203.2	1.7531	3.7123	479.71	1.0541	4.5509
–4 050	9193.8	1.7454	3.6960	479.46	1.0489	4.5710
–4 000	9184.5	1.7377 +1	3.6798 +25	479.22	1.0438 +10	4.5912 –8
–3 950	9175.1	1.7300	3.6636	478.97	1.0386	4.6115
–3 900	9165.7	1.7224	3.6475	478.72	1.0335	4.6319
–3 850	9156.4	1.7148	3.6314	478.47	1.0284	4.6524
–3 800	9147.0	1.7072	3.6153	478.22	1.0234	4.6730
–3 750	9137.6	1.6996	3.5994	477.97	1.0183	4.6938
–3 700	9128.3	1.6920	3.5835	477.72	1.0133	4.7146
–3 650	9118.9	1.6845	3.5676	477.48	1.0083	4.7356
–3 600	9109.5	1.6770	3.5518	477.23	1.0033	4.7567
–3 550	9100.1	1.6696	3.5360	476.98	9.9830 +9	4.7779
–3 500	9090.8	1.6621 +1	3.5203 +25	476.73	9.9335 +9	4.7992 –8
–3 450	9081.4	1.6547	3.5047	476.48	9.8841	4.8206
–3 400	9072.0	1.6473	3.4891	476.23	9.8350	4.8422
–3 350	9062.7	1.6400	3.4735	475.98	9.7861	4.8638
–3 300	9053.3	1.6326	3.4580	475.73	9.7373	4.8856
–3 250	9043.9	1.6253	3.4426	475.48	9.6887	4.9075
–3 200	9034.6	1.6180	3.4272	475.23	9.6404	4.9296
–3 150	9025.2	1.6107	3.4119	474.98	9.5922	4.9517
–3 100	9015.8	1.6035	3.3966	474.73	9.5442	4.9740
–3 050	9006.4	1.5963	3.3814	474.48	9.4964	4.9964
–3 000	8997.1	1.5891 +1	3.3662 +25	474.23	9.4488 +9	5.0189 –8
–2 950	8987.7	1.5819	3.3511	473.98	9.4014	5.0416
–2 900	8978.3	1.5748	3.3360	473.72	9.3541	5.0643
–2 850	8969.0	1.5677	3.3210	473.47	9.3071	5.0872
–2 800	8959.6	1.5606	3.3060	473.22	9.2602	5.1103
–2 750	8950.2	1.5535	3.2911	472.97	9.2136	5.1334
–2 700	8940.8	1.5465	3.2762	472.72	9.1671	5.1567
–2 650	8931.5	1.5395	3.2614	472.47	9.1208	5.1801
–2 600	8922.1	1.5325	3.2467	472.22	9.0747	5.2037
–2 550	8912.7	1.5255	3.2320	471.96	9.0287	5.2274
–2 500	8903.3	1.5186 +1	3.2173 +25	471.71	8.9830 +9	5.2512 –8
–2 450	8894.0	1.5117	3.2027	471.46	8.9374	5.2751
–2 400	8884.6	1.5048	3.1882	471.21	8.8921	5.2992
–2 350	8875.2	1.4979	3.1736	470.96	8.8469	5.3234
–2 300	8865.9	1.4911	3.1592	470.70	8.8019	5.3478
–2 250	8856.5	1.4842	3.1448	470.45	8.7571	5.3723
–2 200	8847.1	1.4774	3.1304	470.20	8.7124	5.3969
–2 150	8837.7	1.4707	3.1161	469.95	8.6679	5.4217
–2 100	8828.4	1.4639	3.1019	469.69	8.6237	5.4466
–2 050	8819.0	1.4572	3.0877	469.44	8.5796	5.4716

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
–5 000	9371.1	1.8961 +1	4.0140 +25	484.14	1.1503 +10	4.2089 –8
–4 950	9361.7	1.8879	3.9967	483.89	1.1447	4.2271
–4 900	9352.4	1.8798	3.9795	483.64	1.1392	4.2454
–4 850	9343.0	1.8716	3.9623	483.40	1.1337	4.2638
–4 800	9333.7	1.8635	3.9452	483.15	1.1283	4.2823
–4 750	9324.3	1.8554	3.9282	482.91	1.1228	4.3009
–4 700	9315.0	1.8474	3.9112	482.66	1.1174	4.3196
–4 650	9305.6	1.8393	3.8942	482.41	1.1120	4.3384
–4 600	9296.3	1.8313	3.8773	482.17	1.1066	4.3573
–4 550	9286.9	1.8233	3.8605	481.92	1.1012	4.3763
–4 500	9277.6	1.8154 +1	3.8437 +25	481.68	1.0959 +10	4.3954 –8
–4 450	9268.2	1.8075	3.8270	481.43	1.0905	4.4146
–4 400	9258.8	1.7996	3.8103	481.18	1.0852	4.4339
–4 350	9249.5	1.7917	3.7937	480.93	1.0799	4.4533
–4 300	9240.1	1.7838	3.7772	480.69	1.0747	4.4729
–4 250	9230.8	1.7760	3.7607	480.44	1.0694	4.4925
–4 200	9221.4	1.7682	3.7442	480.19	1.0642	4.5122
–4 150	9212.1	1.7605	3.7278	479.95	1.0590	4.5320
–4 100	9202.7	1.7527	3.7115	479.70	1.0538	4.5520
–4 050	9193.4	1.7450	3.6952	479.45	1.0487	4.5720
–4 000	9184.0	1.7373 +1	3.6790 +25	479.20	1.0435 +10	4.5922 –8
–3 950	9174.6	1.7296	3.6628	478.96	1.0384	4.6125
–3 900	9165.3	1.7220	3.6467	478.71	1.0333	4.6329
–3 850	9155.9	1.7144	3.6306	478.46	1.0282	4.6534
–3 800	9146.6	1.7068	3.6146	478.21	1.0231	4.6740
–3 750	9137.2	1.6993	3.5987	477.96	1.0181	4.6947
–3 700	9127.9	1.6917	3.5828	477.71	1.0131	4.7155
–3 650	9118.5	1.6842	3.5669	477.46	1.0081	4.7365
–3 600	9109.1	1.6767	3.5511	477.22	1.0031	4.7575
–3 550	9099.8	1.6693	3.5354	476.97	9.9811 +9	4.7787
–3 500	9090.4	1.6618 +1	3.5197 +25	476.72	9.9316 +9	4.8000 –8
–3 450	9081.1	1.6544	3.5041	476.47	9.8823	4.8214
–3 400	9071.7	1.6470	3.4885	476.22	9.8332	4.8430
–3 350	9062.3	1.6397	3.4730	475.97	9.7843	4.8646
–3 300	9053.0	1.6324	3.4575	475.72	9.7356	4.8864
–3 250	9043.6	1.6251	3.4421	475.47	9.6871	4.9083
–3 200	9034.3	1.6178	3.4267	475.22	9.6388	4.9303
–3 150	9024.9	1.6105	3.4114	474.97	9.5907	4.9524
–3 100	9015.5	1.6033	3.3961	474.72	9.5427	4.9747
–3 050	9006.2	1.5961	3.3809	474.47	9.4950	4.9971
–3 000	8996.8	1.5889 +1	3.3658 +25	474.22	9.4474 +9	5.0196 –8
–2 950	8987.4	1.5817	3.3507	473.97	9.4001	5.0422
–2 900	8978.1	1.5746	3.3356	473.72	9.3529	5.0650
–2 850	8968.7	1.5675	3.3206	473.47	9.3059	5.0878
–2 800	8959.4	1.5604	3.3056	473.22	9.2591	5.1108
–2 750	8950.0	1.5534	3.2907	472.97	9.2124	5.1340
–2 700	8940.6	1.5463	3.2759	472.71	9.1660	5.1573
–2 650	8931.3	1.5393	3.2611	472.46	9.1198	5.1807
–2 600	8921.9	1.5323	3.2464	472.21	9.0737	5.2042
–2 550	8912.5	1.5254	3.2317	471.96	9.0278	5.2278
–2 500	8903.2	1.5184 +1	3.2170 +25	471.71	8.9821 +9	5.2516 –8
–2 450	8893.8	1.5115	3.2024	471.46	8.9366	5.2756
–2 400	8884.4	1.5046	3.1879	471.20	8.8913	5.2996
–2 350	8875.1	1.4978	3.1734	470.95	8.8461	5.3238
–2 300	8865.7	1.4909	3.1590	470.70	8.8011	5.3482
–2 250	8856.3	1.4841	3.1446	470.45	8.7563	5.3727
–2 200	8847.0	1.4773	3.1302	470.19	8.7117	5.3973
–2 150	8837.6	1.4706	3.1159	469.94	8.6673	5.4220
–2 100	8828.2	1.4638	3.1017	469.69	8.6230	5.4469
–2 050	8818.9	1.4571	3.0875	469.44	8.5790	5.4719

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
–2 000	8809.6	1.4505 +1	3.0735 +25	469.19	8.5356 +9	5.4968 –8
–1 950	8800.2	1.4438	3.0594	468.93	8.4919	5.5221
–1 900	8790.9	1.4372	3.0454	468.68	8.4483	5.5476
–1 850	8781.5	1.4305	3.0314	468.43	8.4049	5.5732
–1 800	8772.1	1.4239	3.0174	468.17	8.3617	5.5990
–1 750	8762.7	1.4173	3.0035	467.92	8.3187	5.6249
–1 700	8753.4	1.4108	2.9897	467.66	8.2758	5.6510
–1 650	8744.0	1.4043	2.9759	467.41	8.2331	5.6772
–1 600	8734.6	1.3977	2.9621	467.16	8.1906	5.7036
–1 550	8725.2	1.3912	2.9484	466.90	8.1483	5.7301
–1 500	8715.9	1.3848 +1	2.9348 +25	466.65	8.1061 +9	5.7567 –8
–1 450	8706.5	1.3783	2.9212	466.39	8.0641	5.7836
–1 400	8697.1	1.3719	2.9076	466.14	8.0223	5.8105
–1 350	8687.7	1.3655	2.8941	465.88	7.9806	5.8377
–1 300	8678.4	1.3592	2.8806	465.63	7.9392	5.8649
–1 250	8669.0	1.3528	2.8672	465.37	7.8979	5.8924
–1 200	8659.6	1.3465	2.8538	465.12	7.8567	5.9200
–1 150	8650.2	1.3402	2.8405	464.86	7.8158	5.9477
–1 100	8640.8	1.3339	2.8272	464.60	7.7750	5.9757
–1 050	8631.5	1.3276	2.8140	464.35	7.7343	6.0037
–1 000	8622.1	1.3214 +1	2.8009 +25	464.09	7.6939 +9	6.0320 –8
–950	8612.7	1.3152	2.7877	463.84	7.6536	6.0604
–900	8603.3	1.3090	2.7746	463.58	7.6135	6.0890
–850	8594.0	1.3028	2.7616	463.32	7.5735	6.1177
–800	8584.6	1.2967	2.7486	463.07	7.5337	6.1466
–750	8575.2	1.2905	2.7357	462.81	7.4941	6.1757
–700	8565.8	1.2844	2.7228	462.55	7.4547	6.2049
–650	8556.4	1.2784	2.7099	462.30	7.4154	6.2343
–600	8547.1	1.2723	2.6971	462.04	7.3762	6.2639
–550	8537.7	1.2663	2.6844	461.78	7.3373	6.2937
–500	8528.3	1.2603 +1	2.6717 +25	461.53	7.2985 +9	6.3236 –8
–450	8518.9	1.2543	2.6590	461.27	7.2598	6.3537
–400	8509.5	1.2483	2.6464	461.01	7.2214	6.3840
–350	8500.2	1.2423	2.6338	460.75	7.1830	6.4145
–300	8490.8	1.2364	2.6213	460.49	7.1449	6.4451
–250	8481.4	1.2305	2.6088	460.24	7.1069	6.4759
–200	8472.0	1.2246	2.5964	459.98	7.0691	6.5069
–150	8462.7	1.2188	2.5840	459.72	7.0314	6.5381
–100	8453.3	1.2129	2.5717	459.46	6.9939	6.5695
–50	8443.9	1.2071	2.5594	459.20	6.9565	6.6010
0	8434.5	1.2013 +1	2.5471 +25	458.94	6.9193 +9	6.6328 –8
50	8425.1	1.1955	2.5349	458.69	6.8823	6.6647
100	8415.7	1.1898	2.5228	458.43	6.8454	6.6968
150	8406.4	1.1841	2.5107	458.17	6.8087	6.7292
200	8397.0	1.1783	2.4986	457.91	6.7721	6.7617
250	8387.6	1.1727	2.4866	457.65	6.7357	6.7944
300	8378.2	1.1670	2.4746	457.39	6.6995	6.8273
350	8368.8	1.1613	2.4627	457.13	6.6634	6.8604
400	8359.5	1.1557	2.4508	456.87	6.6274	6.8936
450	8350.1	1.1501	2.4389	456.61	6.5916	6.9271
500	8340.7	1.1445 +1	2.4271 +25	456.35	6.5560 +9	6.9608 –8
550	8331.3	1.1390	2.4153	456.09	6.5205	6.9947
600	8321.9	1.1334	2.4036	455.83	6.4852	7.0288
650	8312.6	1.1279	2.3920	455.57	6.4500	7.0631
700	8303.2	1.1224	2.3803	455.31	6.4149	7.0976
750	8293.8	1.1169	2.3687	455.05	6.3801	7.1323
800	8284.4	1.1115	2.3572	454.79	6.3453	7.1672
850	8275.0	1.1060	2.3457	454.52	6.3108	7.2024
900	8265.6	1.1006	2.3343	454.26	6.2763	7.2377
950	8256.3	1.0952	2.3228	454.00	6.2421	7.2733

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
–2 000	8809.5	1.4504 +1	3.0734 +25	469.18	8.5351 +9	5.4971 –8
–1 950	8800.1	1.4437	3.0593	468.93	8.4914	5.5224
–1 900	8790.8	1.4371	3.0452	468.68	8.4478	5.5479
–1 850	8781.4	1.4305	3.0312	468.42	8.4045	5.5735
–1 800	8772.0	1.4239	3.0173	468.17	8.3613	5.5993
–1 750	8762.6	1.4173	3.0034	467.92	8.3182	5.6252
–1 700	8753.3	1.4107	2.9896	467.66	8.2754	5.6512
–1 650	8743.9	1.4042	2.9758	467.41	8.2327	5.6774
–1 600	8734.5	1.3977	2.9620	467.15	8.1903	5.7038
–1 550	8725.2	1.3912	2.9483	466.90	8.1479	5.7303
–1 500	8715.8	1.3847 +1	2.9347 +25	466.64	8.1058 +9	5.7569 –8
–1 450	8706.4	1.3783	2.9211	466.39	8.0638	5.7837
–1 400	8697.0	1.3719	2.9075	466.14	8.0220	5.8107
–1 350	8687.7	1.3655	2.8940	465.88	7.9804	5.8378
–1 300	8678.3	1.3591	2.8805	465.63	7.9389	5.8651
–1 250	8668.9	1.3528	2.8671	465.37	7.8977	5.8925
–1 200	8659.6	1.3464	2.8538	465.11	7.8565	5.9201
–1 150	8650.2	1.3401	2.8405	464.86	7.8156	5.9478
–1 100	8640.8	1.3339	2.8272	464.60	7.7748	5.9758
–1 050	8631.4	1.3276	2.8140	464.35	7.7342	6.0038
–1 000	8622.1	1.3214 +1	2.8008 +25	464.09	7.6938 +9	6.0321 –8
–950	8612.7	1.3152	2.7877	463.84	7.6535	6.0605
–900	8603.3	1.3090	2.7746	463.58	7.6134	6.0890
–850	8593.9	1.3028	2.7616	463.32	7.5734	6.1178
–800	8584.6	1.2967	2.7486	463.07	7.5337	6.1467
–750	8575.2	1.2905	2.7357	462.81	7.4940	6.1757
–700	8565.8	1.2844	2.7228	462.55	7.4546	6.2050
–650	8556.4	1.2784	2.7099	462.30	7.4153	6.2344
–600	8547.1	1.2723	2.6971	462.04	7.3762	6.2639
–550	8537.7	1.2663	2.6844	461.78	7.3372	6.2937
–500	8528.3	1.2602 +1	2.6717 +25	461.53	7.2984 +9	6.3236 –8
–450	8518.9	1.2543	2.6590	461.27	7.2598	6.3537
–400	8509.5	1.2483	2.6464	461.01	7.2213	6.3840
–350	8500.2	1.2423	2.6338	460.75	7.1830	6.4145
–300	8490.8	1.2364	2.6213	460.49	7.1449	6.4451
–250	8481.4	1.2305	2.6088	460.24	7.1069	6.4759
–200	8472.0	1.2246	2.5964	459.98	7.0691	6.5069
–150	8462.6	1.2188	2.5840	459.72	7.0314	6.5381
–100	8453.3	1.2129	2.5717	459.46	6.9939	6.5695
–50	8443.9	1.2071	2.5594	459.20	6.9565	6.6010
0	8434.5	1.2013 +1	2.5471 +25	458.94	6.9193 +9	6.6328 –8
50	8425.1	1.1955	2.5349	458.69	6.8823	6.6647
100	8415.7	1.1898	2.5228	458.43	6.8454	6.6969
150	8406.4	1.1841	2.5107	458.17	6.8087	6.7292
200	8397.0	1.1783	2.4986	457.91	6.7721	6.7617
250	8387.6	1.1727	2.4866	457.65	6.7357	6.7944
300	8378.2	1.1670	2.4746	457.39	6.6994	6.8273
350	8368.8	1.1613	2.4626	457.13	6.6633	6.8604
400	8359.5	1.1557	2.4508	456.87	6.6274	6.8937
450	8350.1	1.1501	2.4389	456.61	6.5916	6.9271
500	8340.7	1.1445 +1	2.4271 +25	456.35	6.5560 +9	6.9608 –8
550	8331.3	1.1390	2.4153	456.09	6.5205	6.9947
600	8321.9	1.1334	2.4036	455.83	6.4851	7.0288
650	8312.5	1.1279	2.3919	455.57	6.4499	7.0631
700	8303.2	1.1224	2.3803	455.31	6.4149	7.0977
750	8293.8	1.1169	2.3687	455.05	6.3800	7.1324
800	8284.4	1.1114	2.3572	454.78	6.3453	7.1673
850	8275.0	1.1060	2.3457	454.52	6.3107	7.2024
900	8265.6	1.1006	2.3342	454.26	6.2762	7.2378
950	8256.2	1.0952	2.3228	454.00	6.2420	7.2734

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
1 000	8246.9	1.0898 +1	2.3115 +25	453.74	6.2079 +9	7.3090 –8
1 050	8237.5	1.0845	2.3001	453.48	6.1739	7.3450
1 100	8228.1	1.0791	2.2889	453.22	6.1401	7.3812
1 150	8218.7	1.0738	2.2776	452.95	6.1064	7.4177
1 200	8209.3	1.0685	2.2664	452.69	6.0729	7.4543
1 250	8200.0	1.0632	2.2553	452.43	6.0395	7.4912
1 300	8190.6	1.0580	2.2442	452.17	6.0062	7.5283
1 350	8181.2	1.0527	2.2331	451.90	5.9731	7.5656
1 400	8171.8	1.0475	2.2221	451.64	5.9402	7.6032
1 450	8162.4	1.0423	2.2111	451.38	5.9073	7.6410
1 500	8153.0	1.0372 +1	2.2001 +25	451.12	5.8747 +9	7.6790 –8
1 550	8143.6	1.0320	2.1892	450.85	5.8421	7.7172
1 600	8134.3	1.0269	2.1783	450.59	5.8098	7.7557
1 650	8124.9	1.0217	2.1675	450.32	5.7775	7.7944
1 700	8115.5	1.0166	2.1567	450.06	5.7454	7.8334
1 750	8106.1	1.0116	2.1460	449.80	5.7135	7.8726
1 800	8096.7	1.0065	2.1353	449.53	5.6816	7.9120
1 850	8087.3	1.0015	2.1247	449.27	5.6500	7.9517
1 900	8077.9	9.9645 +0	2.1140	449.00	5.6184	7.9917
1 950	8068.6	9.9145	2.1035	448.74	5.5870	8.0318
2 000	8059.2	9.8647 +0	2.0929 +25	448.48	5.5558 +9	8.0723 –8
2 050	8049.8	9.8151	2.0824	448.21	5.5246	8.1129
2 100	8040.4	9.7657	2.0720	447.95	5.4937	8.1539
2 150	8031.0	9.7164	2.0616	447.68	5.4628	8.1951
2 200	8021.6	9.6674	2.0512	447.42	5.4321	8.2365
2 250	8012.2	9.6185	2.0409	447.15	5.4015	8.2782
2 300	8002.9	9.5699	2.0306	446.88	5.3711	8.3202
2 350	7993.5	9.5214	2.0203	446.62	5.3408	8.3624
2 400	7984.1	9.4731	2.0101	446.35	5.3106	8.4049
2 450	7974.7	9.4250	1.9999	446.09	5.2806	8.4476
2 500	7965.3	9.3771 +0	1.9898 +25	445.82	5.2507 +9	8.4907 –8
2 550	7955.9	9.3294	1.9797	445.55	5.2210	8.5339
2 600	7946.5	9.2819	1.9696	445.29	5.1913	8.5775
2 650	7937.1	9.2346	1.9596	445.02	5.1619	8.6213
2 700	7927.7	9.1874	1.9497	444.76	5.1325	8.6655
2 750	7918.4	9.1404	1.9397	444.49	5.1033	8.7099
2 800	7909.0	9.0936	1.9298	444.22	5.0742	8.7545
2 850	7899.6	9.0470	1.9200	443.95	5.0452	8.7995
2 900	7890.2	9.0006	1.9101	443.69	5.0164	8.8447
2 950	7880.8	8.9544	1.9004	443.42	4.9877	8.8903
3 000	7871.4	8.9083 +0	1.8906 +25	443.15	4.9591 +9	8.9361 –8
3 050	7862.0	8.8625	1.8809	442.88	4.9307	8.9822
3 100	7852.6	8.8168	1.8712	442.62	4.9024	9.0286
3 150	7843.2	8.7713	1.8616	442.35	4.8742	9.0753
3 200	7833.9	8.7259	1.8520	442.08	4.8461	9.1223
3 250	7824.5	8.6808	1.8425	441.81	4.8182	9.1696
3 300	7815.1	8.6358	1.8330	441.54	4.7904	9.2172
3 350	7805.7	8.5910	1.8235	441.27	4.7628	9.2651
3 400	7796.3	8.5464	1.8140	441.00	4.7352	9.3133
3 450	7786.9	8.5020	1.8046	440.73	4.7078	9.3618
3 500	7777.5	8.4578 +0	1.7953 +25	440.47	4.6805 +9	9.4106 –8
3 550	7768.1	8.4137	1.7859	440.20	4.6533	9.4598
3 600	7758.7	8.3698	1.7767	439.93	4.6263	9.5093
3 650	7749.3	8.3261	1.7674	439.66	4.5994	9.5590
3 700	7739.9	8.2825	1.7582	439.39	4.5726	9.6091
3 750	7730.6	8.2392	1.7490	439.12	4.5459	9.6596
3 800	7721.2	8.1960	1.7399	438.85	4.5194	9.7103
3 850	7711.8	8.1530	1.7308	438.58	4.4930	9.7614
3 900	7702.4	8.1101	1.7217	438.31	4.4667	9.8128
3 950	7693.0	8.0674	1.7127	438.03	4.4405	9.8646

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
1 000	8246.8	1.0898 +1	2.3114 +25	453.74	6.2078 +9	7.3092 –8
1 050	8237.5	1.0844	2.3001	453.48	6.1738	7.3452
1 100	8228.1	1.0791	2.2888	453.21	6.1400	7.3814
1 150	8218.7	1.0738	2.2776	452.95	6.1063	7.4178
1 200	8209.3	1.0685	2.2664	452.69	6.0727	7.4545
1 250	8199.9	1.0632	2.2552	452.43	6.0393	7.4914
1 300	8190.5	1.0580	2.2441	452.17	6.0060	7.5285
1 350	8181.1	1.0527	2.2330	451.90	5.9729	7.5658
1 400	8171.7	1.0475	2.2220	451.64	5.9400	7.6034
1 450	8162.4	1.0423	2.2110	451.38	5.9071	7.6412
1 500	8153.0	1.0371 +1	2.2000 +25	451.11	5.8744 +9	7.6793 –8
1 550	8143.6	1.0320	2.1891	450.85	5.8419	7.7175
1 600	8134.2	1.0268	2.1783	450.59	5.8095	7.7560
1 650	8124.8	1.0217	2.1674	450.32	5.7772	7.7948
1 700	8115.4	1.0166	2.1566	450.06	5.7451	7.8338
1 750	8106.0	1.0115	2.1459	449.79	5.7131	7.8730
1 800	8096.6	1.0065	2.1352	449.53	5.6813	7.9124
1 850	8087.2	1.0014	2.1245	449.27	5.6496	7.9522
1 900	8077.8	9.9640 +0	2.1139	449.00	5.6181	7.9921
1 950	8068.4	9.9139	2.1033	448.74	5.5866	8.0323
2 000	8059.1	9.8641 +0	2.0928 +25	448.47	5.5554 +9	8.0728 –8
2 050	8049.7	9.8144	2.0823	448.21	5.5242	8.1135
2 100	8040.3	9.7650	2.0718	447.94	5.4932	8.1544
2 150	8030.9	9.7157	2.0614	447.68	5.4624	8.1957
2 200	8021.5	9.6667	2.0510	447.41	5.4316	8.2371
2 250	8012.1	9.6178	2.0407	447.15	5.4011	8.2789
2 300	8002.7	9.5691	2.0304	446.88	5.3706	8.3209
2 350	7993.3	9.5206	2.0201	446.61	5.3403	8.3631
2 400	7983.9	9.4723	2.0099	446.35	5.3101	8.4056
2 450	7974.5	9.4241	1.9997	446.08	5.2801	8.4484
2 500	7965.1	9.3762 +0	1.9896 +25	445.82	5.2501 +9	8.4915 –8
2 550	7955.7	9.3284	1.9795	445.55	5.2204	8.5348
2 600	7946.3	9.2809	1.9694	445.28	5.1907	8.5784
2 650	7936.9	9.2335	1.9594	445.02	5.1612	8.6223
2 700	7927.5	9.1863	1.9494	444.75	5.1318	8.6665
2 750	7918.1	9.1393	1.9395	444.48	5.1026	8.7109
2 800	7908.7	9.0925	1.9296	444.21	5.0735	8.7556
2 850	7899.3	9.0458	1.9197	443.95	5.0445	8.8006
2 900	7889.9	8.9994	1.9099	443.68	5.0156	8.8459
2 950	7880.5	8.9531	1.9001	443.41	4.9869	8.8915
3 000	7871.1	8.9070 +0	1.8903 +25	443.14	4.9583 +9	8.9374 –8
3 050	7861.8	8.8611	1.8806	442.88	4.9299	8.9835
3 100	7852.4	8.8154	1.8709	442.61	4.9015	9.0300
3 150	7843.0	8.7698	1.8613	442.34	4.8733	9.0768
3 200	7833.6	8.7245	1.8517	442.07	4.8452	9.1238
3 250	7824.2	8.6793	1.8422	441.80	4.8173	9.1712
3 300	7814.8	8.6343	1.8326	441.53	4.7895	9.2188
3 350	7805.4	8.5895	1.8231	441.26	4.7618	9.2668
3 400	7796.0	8.5448	1.8137	440.99	4.7342	9.3151
3 450	7786.6	8.5004	1.8043	440.72	4.7068	9.3636
3 500	7777.2	8.4561 +0	1.7949 +25	440.45	4.6795 +9	9.4125 –8
3 550	7767.7	8.4119	1.7856	440.19	4.6523	9.4617
3 600	7758.3	8.3680	1.7763	439.92	4.6252	9.5113
3 650	7748.9	8.3242	1.7670	439.65	4.5983	9.5611
3 700	7739.5	8.2807	1.7578	439.37	4.5714	9.6113
3 750	7730.1	8.2373	1.7486	439.10	4.5447	9.6618
3 800	7720.7	8.1940	1.7395	438.83	4.5182	9.7126
3 850	7711.3	8.1510	1.7303	438.56	4.4917	9.7638
3 900	7701.9	8.1081	1.7213	438.29	4.4654	9.8153
3 950	7692.5	8.0653	1.7122	438.02	4.4392	9.8671

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
4 000	7683.6	8.0249 +0	1.7037 +25	437.76	4.4144 +9	9.9166 –8
4 050	7674.2	7.9826	1.6947	437.49	4.3885	9.9691
4 100	7664.8	7.9405	1.6858	437.22	4.3627	1.0022 –7
4 150	7655.4	7.8985	1.6769	436.95	4.3370	1.0075
4 200	7646.0	7.8567	1.6680	436.68	4.3114	1.0128
4 250	7636.6	7.8150	1.6592	436.41	4.2860	1.0182
4 300	7627.2	7.7736	1.6505	436.13	4.2606	1.0236
4 350	7617.8	7.7323	1.6417	435.86	4.2354	1.0291
4 400	7608.5	7.6911	1.6330	435.59	4.2103	1.0346
4 450	7599.1	7.6502	1.6243	435.32	4.1854	1.0401
4 500	7589.7	7.6094 +0	1.6157 +25	435.05	4.1605 +9	1.0457 –7
4 550	7580.3	7.5687	1.6071	434.77	4.1357	1.0513
4 600	7570.9	7.5283	1.5985	434.50	4.1111	1.0569
4 650	7561.5	7.4880	1.5900	434.23	4.0866	1.0626
4 700	7552.1	7.4479	1.5815	433.95	4.0622	1.0683
4 750	7542.7	7.4079	1.5730	433.68	4.0379	1.0740
4 800	7533.3	7.3681	1.5646	433.41	4.0138	1.0798
4 850	7523.9	7.3285	1.5562	433.13	3.9897	1.0856
4 900	7514.5	7.2890	1.5479	432.86	3.9658	1.0915
4 950	7505.1	7.2497	1.5395	432.58	3.9420	1.0974
5 000	7495.7	7.2105 +0	1.5313 +25	432.31	3.9183 +9	1.1033 –7
5 050	7486.3	7.1716	1.5230	432.04	3.8947	1.1093
5 100	7476.9	7.1328	1.5148	431.76	3.8712	1.1153
5 150	7467.5	7.0941	1.5066	431.49	3.8478	1.1214
5 200	7458.1	7.0556	1.4984	431.21	3.8246	1.1275
5 250	7448.7	7.0173	1.4903	430.94	3.8014	1.1336
5 300	7439.3	6.9791	1.4822	430.66	3.7784	1.1398
5 350	7429.9	6.9411	1.4742	430.39	3.7555	1.1460
5 400	7420.6	6.9032	1.4662	430.11	3.7326	1.1523
5 450	7411.2	6.8655	1.4582	429.83	3.7099	1.1586
5 500	7401.8	6.8280 +0	1.4502 +25	429.56	3.6874 +9	1.1650 –7
5 550	7392.4	6.7906	1.4423	429.28	3.6649	1.1713
5 600	7383.0	6.7534	1.4344	429.01	3.6425	1.1778
5 650	7373.6	6.7164	1.4266	428.73	3.6202	1.1843
5 700	7364.2	6.6794	1.4188	428.45	3.5981	1.1908
5 750	7354.8	6.6427	1.4110	428.18	3.5760	1.1974
5 800	7345.4	6.6061	1.4032	427.90	3.5541	1.2040
5 850	7336.0	6.5697	1.3955	427.62	3.5322	1.2106
5 900	7326.6	6.5334	1.3878	427.34	3.5105	1.2173
5 950	7317.2	6.4973	1.3802	427.07	3.4889	1.2241
6 000	7307.8	6.4613 +0	1.3726 +25	426.79	3.4674 +9	1.2309 –7
6 050	7298.4	6.4255	1.3650	426.51	3.4459	1.2377
6 100	7289.0	6.3898	1.3574	426.23	3.4246	1.2446
6 150	7279.6	6.3543	1.3499	425.96	3.4034	1.2515
6 200	7270.2	6.3189	1.3424	425.68	3.3823	1.2585
6 250	7260.8	6.2837	1.3349	425.40	3.3613	1.2656
6 300	7251.4	6.2486	1.3275	425.12	3.3404	1.2726
6 350	7242.0	6.2137	1.3201	424.84	3.3196	1.2798
6 400	7232.6	6.1790	1.3128	424.56	3.2990	1.2870
6 450	7223.2	6.1443	1.3054	424.28	3.2784	1.2942
6 500	7213.8	6.1099 +0	1.2981 +25	424.00	3.2579 +9	1.3015 –7
6 550	7204.4	6.0756	1.2909	423.72	3.2375	1.3088
6 600	7195.0	6.0414	1.2836	423.44	3.2172	1.3162
6 650	7185.6	6.0074	1.2764	423.16	3.1970	1.3236
6 700	7176.2	5.9735	1.2692	422.88	3.1770	1.3311
6 750	7166.8	5.9398	1.2621	422.60	3.1570	1.3386
6 800	7157.4	5.9062	1.2550	422.32	3.1371	1.3462
6 850	7148.0	5.8728	1.2479	422.04	3.1173	1.3539
6 900	7138.6	5.8395	1.2408	421.76	3.0976	1.3616
6 950	7129.2	5.8064	1.2338	421.48	3.0781	1.3693

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
4 000	7683.1	8.0228 +0	1.7032 +25	437.75	4.4131 +9	9.9193 –8
4 050	7673.7	7.9804	1.6942	437.48	4.3872	9.9718
4 100	7664.3	7.9382	1.6853	437.21	4.3613	1.0025 –7
4 150	7654.9	7.8962	1.6764	436.93	4.3356	1.0078
4 200	7645.5	7.8544	1.6676	436.66	4.3100	1.0131
4 250	7636.1	7.8127	1.6587	436.39	4.2845	1.0185
4 300	7626.7	7.7712	1.6499	436.12	4.2592	1.0240
4 350	7617.3	7.7298	1.6412	435.85	4.2339	1.0294
4 400	7607.9	7.6886	1.6325	435.57	4.2088	1.0349
4 450	7598.5	7.6476	1.6238	435.30	4.1838	1.0404
4 500	7589.1	7.6068 +0	1.6151 +25	435.03	4.1589 +9	1.0460 –7
4 550	7579.7	7.5661	1.6065	434.75	4.1341	1.0516
4 600	7570.3	7.5256	1.5980	434.48	4.1095	1.0573
4 650	7560.8	7.4852	1.5894	434.21	4.0849	1.0629
4 700	7551.4	7.4451	1.5809	433.93	4.0605	1.0687
4 750	7542.0	7.4051	1.5724	433.66	4.0362	1.0744
4 800	7532.6	7.3652	1.5640	433.39	4.0120	1.0802
4 850	7523.2	7.3255	1.5556	433.11	3.9880	1.0861
4 900	7513.8	7.2860	1.5472	432.84	3.9640	1.0919
4 950	7504.4	7.2467	1.5389	432.56	3.9401	1.0978
5 000	7495.0	7.2075 +0	1.5306 +25	432.29	3.9164 +9	1.1038 –7
5 050	7485.6	7.1684	1.5223	432.01	3.8928	1.1098
5 100	7476.2	7.1296	1.5141	431.74	3.8693	1.1158
5 150	7466.7	7.0909	1.5059	431.46	3.8459	1.1219
5 200	7457.3	7.0523	1.4978	431.19	3.8226	1.1280
5 250	7447.9	7.0140	1.4896	430.91	3.7994	1.1342
5 300	7438.5	6.9757	1.4815	430.64	3.7764	1.1404
5 350	7429.1	6.9377	1.4735	430.36	3.7534	1.1466
5 400	7419.7	6.8998	1.4654	430.08	3.7306	1.1529
5 450	7410.3	6.8620	1.4575	429.81	3.7078	1.1592
5 500	7400.9	6.8244 +0	1.4495 +25	429.53	3.6852 +9	1.1656 –7
5 550	7391.5	6.7870	1.4416	429.26	3.6627	1.1720
5 600	7382.0	6.7497	1.4337	428.98	3.6403	1.1784
5 650	7372.6	6.7126	1.4258	428.70	3.6180	1.1849
5 700	7363.2	6.6757	1.4180	428.42	3.5958	1.1915
5 750	7353.8	6.6389	1.4102	428.15	3.5737	1.1980
5 800	7344.4	6.6022	1.4024	427.87	3.5517	1.2047
5 850	7335.0	6.5657	1.3947	427.59	3.5299	1.2113
5 900	7325.6	6.5294	1.3870	427.31	3.5081	1.2181
5 950	7316.1	6.4932	1.3793	427.04	3.4865	1.2248
6 000	7306.7	6.4572 +0	1.3717 +25	426.76	3.4649 +9	1.2317 –7
6 050	7297.3	6.4213	1.3641	426.48	3.4435	1.2385
6 100	7287.9	6.3856	1.3565	426.20	3.4221	1.2454
6 150	7278.5	6.3500	1.3490	425.92	3.4009	1.2524
6 200	7269.1	6.3146	1.3415	425.64	3.3798	1.2594
6 250	7259.6	6.2794	1.3340	425.36	3.3588	1.2664
6 300	7250.2	6.2443	1.3266	425.08	3.3378	1.2735
6 350	7240.8	6.2093	1.3192	424.80	3.3170	1.2807
6 400	7231.4	6.1745	1.3118	424.53	3.2963	1.2879
6 450	7222.0	6.1398	1.3045	424.25	3.2757	1.2951
6 500	7212.5	6.1053 +0	1.2972 +25	423.97	3.2552 +9	1.3024 –7
6 550	7203.1	6.0709	1.2899	423.69	3.2348	1.3098
6 600	7193.7	6.0367	1.2826	423.40	3.2145	1.3172
6 650	7184.3	6.0027	1.2754	423.12	3.1942	1.3246
6 700	7174.9	5.9687	1.2682	422.84	3.1741	1.3322
6 750	7165.4	5.9350	1.2611	422.56	3.1541	1.3397
6 800	7156.0	5.9013	1.2539	422.28	3.1342	1.3473
6 850	7146.6	5.8679	1.2468	422.00	3.1144	1.3550
6 900	7137.2	5.8345	1.2398	421.72	3.0947	1.3627
6 950	7127.8	5.8013	1.2328	421.44	3.0751	1.3705

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
7 000	7119.8	5.7734 +0	1.2268 +25	421.20	3.0586 +9	1.3771 –7
7 050	7110.4	5.7405	1.2199	420.92	3.0392	1.3850
7 100	7101.0	5.7078	1.2129	420.63	3.0199	1.3929
7 150	7091.6	5.6753	1.2060	420.35	3.0007	1.4008
7 200	7082.2	5.6428	1.1992	420.07	2.9816	1.4089
7 250	7072.8	5.6106	1.1923	419.79	2.9626	1.4170
7 300	7063.4	5.5784	1.1855	419.51	2.9437	1.4251
7 350	7054.0	5.5464	1.1787	419.22	2.9249	1.4333
7 400	7044.6	5.5146	1.1720	418.94	2.9062	1.4415
7 450	7035.2	5.4829	1.1653	418.66	2.8876	1.4499
7 500	7025.8	5.4513 +0	1.1586 +25	418.37	2.8690 +9	1.4582 –7
7 550	7016.4	5.4199	1.1519	418.09	2.8506	1.4667
7 600	7007.0	5.3886	1.1453	417.81	2.8323	1.4752
7 650	6997.6	5.3574	1.1387	417.52	2.8140	1.4837
7 700	6988.2	5.3264	1.1321	417.24	2.7959	1.4923
7 750	6978.8	5.2956	1.1256	416.96	2.7778	1.5010
7 800	6969.3	5.2648	1.1190	416.67	2.7599	1.5097
7 850	6959.9	5.2342	1.1126	416.39	2.7420	1.5185
7 900	6950.5	5.2038	1.1061	416.10	2.7242	1.5274
7 950	6941.1	5.1734	1.0997	415.82	2.7065	1.5363
8 000	6931.7	5.1432 +0	1.0933 +25	415.53	2.6889 +9	1.5453 –7
8 050	6922.3	5.1132	1.0869	415.25	2.6714	1.5544
8 100	6912.9	5.0833	1.0806	414.96	2.6540	1.5635
8 150	6903.5	5.0535	1.0742	414.68	2.6367	1.5727
8 200	6894.1	5.0238	1.0680	414.39	2.6195	1.5820
8 250	6884.7	4.9943	1.0617	414.10	2.6023	1.5913
8 300	6875.3	4.9649	1.0555	413.82	2.5853	1.6007
8 350	6865.9	4.9357	1.0493	413.53	2.5683	1.6101
8 400	6856.5	4.9066	1.0431	413.25	2.5514	1.6197
8 450	6847.1	4.8776	1.0369	412.96	2.5346	1.6293
8 500	6837.7	4.8487 +0	1.0308 +25	412.67	2.5179 +9	1.6389 –7
8 550	6828.3	4.8200	1.0247	412.38	2.5013	1.6487
8 600	6818.9	4.7914	1.0187	412.10	2.4848	1.6585
8 650	6809.5	4.7630	1.0126	411.81	2.4683	1.6684
8 700	6800.1	4.7346	1.0066	411.52	2.4520	1.6783
8 750	6790.7	4.7064	1.0007	411.23	2.4357	1.6884
8 800	6781.2	4.6784	9.9470 +24	410.95	2.4195	1.6985
8 850	6771.8	4.6504	9.8878	410.66	2.4034	1.7086
8 900	6762.4	4.6226	9.8288	410.37	2.3874	1.7189
8 950	6753.0	4.5949	9.7701	410.08	2.3715	1.7292
9 000	6743.6	4.5674 +0	9.7116 +24	409.79	2.3556 +9	1.7396 –7
9 050	6734.2	4.5400	9.6535	409.50	2.3399	1.7501
9 100	6724.8	4.5126	9.5956	409.21	2.3242	1.7607
9 150	6715.4	4.4855	9.5379	408.92	2.3086	1.7713
9 200	6706.0	4.4584	9.4806	408.63	2.2931	1.7820
9 250	6696.6	4.4315	9.4235	408.34	2.2776	1.7928
9 300	6687.2	4.4047	9.3666	408.05	2.2623	1.8037
9 350	6677.8	4.3780	9.3100	407.76	2.2470	1.8147
9 400	6668.4	4.3515	9.2537	407.47	2.2318	1.8257
9 450	6658.9	4.3250	9.1977	407.18	2.2167	1.8368
9 500	6649.5	4.2987 +0	9.1419 +24	406.89	2.2017 +9	1.8481 –7
9 550	6640.1	4.2726	9.0863	406.60	2.1868	1.8593
9 600	6630.7	4.2465	9.0311	406.31	2.1719	1.8707
9 650	6621.3	4.2206	8.9761	406.02	2.1571	1.8822
9 700	6611.9	4.1948	8.9213	405.72	2.1424	1.8937
9 750	6602.5	4.1691	8.8668	405.43	2.1278	1.9054
9 800	6593.1	4.1435	8.8126	405.14	2.1133	1.9171
9 850	6583.7	4.1181	8.7586	404.85	2.0988	1.9289
9 900	6574.3	4.0927	8.7048	404.56	2.0844	1.9408
9 950	6564.9	4.0675	8.6513	404.26	2.0701	1.9528

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
7 000	7118.3	5.7683 +0	1.2257 +25	421.15	3.0556 +9	1.3783 –7
7 050	7108.9	5.7354	1.2188	420.87	3.0362	1.3862
7 100	7099.5	5.7026	1.2118	420.59	3.0168	1.3941
7 150	7090.1	5.6700	1.2049	420.31	2.9976	1.4021
7 200	7080.6	5.6376	1.1980	420.02	2.9785	1.4102
7 250	7071.2	5.6052	1.1912	419.74	2.9595	1.4183
7 300	7061.8	5.5731	1.1844	419.46	2.9405	1.4265
7 350	7052.4	5.5410	1.1776	419.18	2.9217	1.4347
7 400	7043.0	5.5091	1.1708	418.89	2.9030	1.4430
7 450	7033.5	5.4774	1.1641	418.61	2.8843	1.4513
7 500	7024.1	5.4457 +0	1.1574 +25	418.32	2.8658 +9	1.4597 –7
7 550	7014.7	5.4143	1.1507	418.04	2.8473	1.4682
7 600	7005.3	5.3829	1.1441	417.76	2.8290	1.4767
7 650	6995.8	5.3517	1.1375	417.47	2.8107	1.4853
7 700	6986.4	5.3207	1.1309	417.19	2.7925	1.4939
7 750	6977.0	5.2897	1.1243	416.90	2.7744	1.5027
7 800	6967.5	5.2589	1.1178	416.62	2.7564	1.5114
7 850	6958.1	5.2283	1.1113	416.33	2.7385	1.5203
7 900	6948.7	5.1978	1.1048	416.05	2.7207	1.5292
7 950	6939.3	5.1674	1.0984	415.76	2.7030	1.5381
8 000	6929.8	5.1372 +0	1.0920 +25	415.48	2.6854 +9	1.5472 –7
8 050	6920.4	5.1071	1.0856	415.19	2.6679	1.5563
8 100	6911.0	5.0771	1.0792	414.90	2.6504	1.5654
8 150	6901.6	5.0473	1.0729	414.62	2.6331	1.5746
8 200	6892.1	5.0176	1.0666	414.33	2.6158	1.5839
8 250	6882.7	4.9880	1.0604	414.04	2.5987	1.5933
8 300	6873.3	4.9586	1.0541	413.76	2.5816	1.6027
8 350	6863.8	4.9293	1.0479	413.47	2.5646	1.6122
8 400	6854.4	4.9001	1.0417	413.18	2.5477	1.6218
8 450	6845.0	4.8711	1.0356	412.89	2.5309	1.6314
8 500	6835.5	4.8422 +0	1.0294 +25	412.61	2.5141 +9	1.6412 –7
8 550	6826.1	4.8134	1.0233	412.32	2.4975	1.6509
8 600	6816.7	4.7848	1.0173	412.03	2.4809	1.6608
8 650	6807.2	4.7563	1.0112	411.74	2.4645	1.6707
8 700	6797.8	4.7279	1.0052	411.45	2.4481	1.6807
8 750	6788.4	4.6997	9.9922 +24	411.16	2.4318	1.6908
8 800	6779.0	4.6715	9.9325	410.88	2.4156	1.7009
8 850	6769.5	4.6436	9.8732	410.59	2.3995	1.7112
8 900	6760.1	4.6157	9.8141	410.30	2.3834	1.7215
8 950	6750.7	4.5880	9.7553	410.01	2.3675	1.7318
9 000	6741.2	4.5604 +0	9.6968 +24	409.72	2.3516 +9	1.7423 –7
9 050	6731.8	4.5329	9.6385	409.43	2.3358	1.7528
9 100	6722.3	4.5055	9.5805	409.14	2.3201	1.7634
9 150	6712.9	4.4783	9.5228	408.85	2.3045	1.7741
9 200	6703.5	4.4512	9.4653	408.56	2.2890	1.7849
9 250	6694.0	4.4243	9.4081	408.27	2.2735	1.7958
9 300	6684.6	4.3974	9.3512	407.97	2.2581	1.8067
9 350	6675.2	4.3707	9.2945	407.68	2.2428	1.8177
9 400	6665.7	4.3441	9.2381	407.39	2.2276	1.8288
9 450	6656.3	4.3176	9.1819	407.10	2.2125	1.8400
9 500	6646.9	4.2913 +0	9.1261 +24	406.81	2.1975 +9	1.8513 –7
9 550	6637.4	4.2651	9.0704	406.52	2.1825	1.8626
9 600	6628.0	4.2390	9.0151	406.22	2.1676	1.8740
9 650	6618.6	4.2130	8.9600	405.93	2.1528	1.8856
9 700	6609.1	4.1871	8.9051	405.64	2.1381	1.8972
9 750	6599.7	4.1614	8.8505	405.35	2.1235	1.9089
9 800	6590.2	4.1358	8.7962	405.05	2.1089	1.9207
9 850	6580.8	4.1103	8.7421	404.76	2.0944	1.9326
9 900	6571.4	4.0849	8.6883	404.47	2.0800	1.9445
9 950	6561.9	4.0597	8.6347	404.17	2.0657	1.9566

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
10 000	6555.4	4.0424 +0	8.5981 +24	403.97	2.0559 +9	1.9649 –7
10 050	6546.0	4.0175	8.5451	403.68	2.0418	1.9771
10 100	6536.6	3.9926	8.4924	403.38	2.0277	1.9894
10 150	6527.2	3.9679	8.4399	403.09	2.0137	2.0017
10 200	6517.8	3.9433	8.3877	402.80	1.9998	2.0142
10 250	6508.4	3.9188	8.3357	402.50	1.9859	2.0268
10 300	6499.0	3.8944	8.2840	402.21	1.9722	2.0394
10 350	6489.6	3.8701	8.2325	401.91	1.9585	2.0522
10 400	6480.2	3.8460	8.1813	401.62	1.9448	2.0650
10 450	6470.7	3.8219	8.1303	401.32	1.9313	2.0780
10 500	6461.3	3.7980 +0	8.0795 +24	401.03	1.9178 +9	2.0910 –7
10 550	6451.9	3.7742	8.0290	400.73	1.9044	2.1042
10 600	6442.5	3.7505	7.9788	400.44	1.8911	2.1174
10 650	6433.1	3.7270	7.9288	400.14	1.8779	2.1308
10 700	6423.7	3.7035	7.8790	399.85	1.8647	2.1443
10 750	6414.3	3.6802	7.8294	399.55	1.8516	2.1578
10 800	6404.9	3.6569	7.7801	399.25	1.8386	2.1715
10 850	6395.4	3.6338	7.7311	398.96	1.8256	2.1853
10 900	6386.0	3.6108	7.6823	398.66	1.8128	2.1992
10 950	6376.6	3.5879	7.6337	398.36	1.8000	2.2132
11 000	6367.2	3.5651 +0	7.5853 +24	398.07	1.7872 +9	2.2273 –7
11 050	6363.7	3.5392	7.5302	397.95	1.7737	2.2436
11 100	6363.8	3.5114	7.4713	397.95	1.7599	2.2613
11 150	6363.9	3.4839	7.4128	397.95	1.7461	2.2791
11 200	6364.0	3.4566	7.3548	397.95	1.7324	2.2971
11 250	6364.1	3.4295	7.2973	397.95	1.7189	2.3152
11 300	6364.2	3.4026	7.2402	397.95	1.7054	2.3335
11 350	6364.3	3.3759	7.1835	397.95	1.6921	2.3519
11 400	6364.4	3.3494	7.1273	397.95	1.6788	2.3704
11 450	6364.5	3.3232	7.0715	397.95	1.6657	2.3891
11 500	6364.6	3.2971 +0	7.0162 +24	397.95	1.6527 +9	2.4080 –7
11 550	6364.7	3.2713	6.9613	397.95	1.6397	2.4270
11 600	6364.8	3.2456	6.9068	397.95	1.6269	2.4461
11 650	6364.9	3.2202	6.8527	397.95	1.6142	2.4654
11 700	6365.0	3.1949	6.7991	397.95	1.6015	2.4848
11 750	6365.1	3.1699	6.7459	397.95	1.5890	2.5044
11 800	6365.2	3.1450	6.6931	397.95	1.5766	2.5242
11 850	6365.3	3.1204	6.6408	397.95	1.5642	2.5441
11 900	6365.4	3.0959	6.5888	397.95	1.5520	2.5641
11 950	6365.5	3.0716	6.5373	397.95	1.5398	2.5844
12 000	6365.6	3.0475 +0	6.4861 +24	397.95	1.5278 +9	2.6047 –7
12 050	6365.7	3.0237	6.4354	397.95	1.5158	2.6253
12 100	6365.8	2.9999	6.3850	397.95	1.5040	2.6460
12 150	6365.9	2.9764	6.3351	397.95	1.4922	2.6668
12 200	6366.0	2.9531	6.2855	397.95	1.4805	2.6879
12 250	6366.1	2.9300	6.2363	397.95	1.4690	2.7091
12 300	6366.2	2.9070	6.1875	397.95	1.4575	2.7304
12 350	6366.3	2.8842	6.1391	397.95	1.4461	2.7520
12 400	6366.4	2.8616	6.0911	397.95	1.4348	2.7737
12 450	6366.5	2.8392	6.0435	397.95	1.4235	2.7955
12 500	6366.6	2.8169 +0	5.9962 +24	397.95	1.4124 +9	2.8176 –7
12 550	6366.7	2.7948	5.9493	397.95	1.4013	2.8398
12 600	6366.8	2.7729	5.9027	397.95	1.3904	2.8622
12 650	6366.9	2.7512	5.8566	397.95	1.3795	2.8847
12 700	6367.0	2.7296	5.8107	397.95	1.3687	2.9075
12 750	6367.1	2.7082	5.7653	397.95	1.3580	2.9304
12 800	6367.2	2.6870	5.7202	397.95	1.3474	2.9535
12 850	6367.3	2.6659	5.6755	397.95	1.3368	2.9768
12 900	6367.4	2.6450	5.6311	397.95	1.3264	3.0003
12 950	6367.5	2.6243	5.5870	397.95	1.3160	3.0239

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
10 000	6552.5	4.0345 +0	8.5814 +24	403.88	2.0514 +9	1.9688 –7
10 050	6543.0	4.0095	8.5283	403.58	2.0373	1.9810
10 100	6533.6	3.9846	8.4755	403.29	2.0232	1.9933
10 150	6524.2	3.9599	8.4230	402.99	2.0092	2.0058
10 200	6514.7	3.9352	8.3706	402.70	1.9952	2.0183
10 250	6505.3	3.9107	8.3186	402.40	1.9814	2.0310
10 300	6495.8	3.8862	8.2668	402.11	1.9676	2.0437
10 350	6486.4	3.8619	8.2152	401.81	1.9539	2.0565
10 400	6477.0	3.8378	8.1639	401.52	1.9402	2.0694
10 450	6467.5	3.8137	8.1128	401.22	1.9267	2.0825
10 500	6458.1	3.7897 +0	8.0620 +24	400.93	1.9132 +9	2.0956 –7
10 550	6448.6	3.7659	8.0114	400.63	1.8998	2.1088
10 600	6439.2	3.7422	7.9610	400.33	1.8864	2.1222
10 650	6429.7	3.7186	7.9109	400.04	1.8732	2.1356
10 700	6420.3	3.6951	7.8611	399.74	1.8600	2.1492
10 750	6410.8	3.6717	7.8115	399.44	1.8469	2.1628
10 800	6401.4	3.6484	7.7621	399.14	1.8338	2.1766
10 850	6392.0	3.6253	7.7129	398.85	1.8209	2.1904
10 900	6382.5	3.6022	7.6640	398.55	1.8080	2.2044
10 950	6373.1	3.5793	7.6154	398.25	1.7951	2.2185
11 000	6363.6	3.5565 +0	7.5669 +24	397.95	1.7824 +9	2.2327 –7
11 050	6363.7	3.5285	7.5075	397.95	1.7684	2.2504
11 100	6363.8	3.5007	7.4485	397.95	1.7545	2.2682
11 150	6363.9	3.4732	7.3900	397.95	1.7407	2.2861
11 200	6364.0	3.4458	7.3320	397.95	1.7270	2.3042
11 250	6364.1	3.4187	7.2744	397.95	1.7135	2.3225
11 300	6364.2	3.3918	7.2173	397.95	1.7000	2.3409
11 350	6364.3	3.3651	7.1606	397.95	1.6867	2.3594
11 400	6364.4	3.3386	7.1044	397.95	1.6734	2.3781
11 450	6364.5	3.3124	7.0486	397.95	1.6603	2.3969
11 500	6364.6	3.2863 +0	6.9932 +24	397.95	1.6472 +9	2.4159 –7
11 550	6364.7	3.2604	6.9383	397.95	1.6343	2.4350
11 600	6364.8	3.2348	6.8838	397.95	1.6215	2.4543
11 650	6364.9	3.2093	6.8298	397.95	1.6087	2.4737
11 700	6365.0	3.1841	6.7761	397.95	1.5961	2.4933
11 750	6365.1	3.1590	6.7229	397.95	1.5836	2.5130
11 800	6365.2	3.1342	6.6701	397.95	1.5711	2.5329
11 850	6365.3	3.1095	6.6177	397.95	1.5588	2.5529
11 900	6365.4	3.0850	6.5658	397.95	1.5466	2.5731
11 950	6365.5	3.0608	6.5142	397.95	1.5344	2.5935
12 000	6365.6	3.0367 +0	6.4630 +24	397.95	1.5224 +9	2.6140 –7
12 050	6365.7	3.0128	6.4123	397.95	1.5104	2.6347
12 100	6365.8	2.9891	6.3619	397.95	1.4985	2.6556
12 150	6365.9	2.9656	6.3120	397.95	1.4868	2.6766
12 200	6366.0	2.9422	6.2624	397.95	1.4751	2.6978
12 250	6366.1	2.9191	6.2132	397.95	1.4635	2.7192
12 300	6366.2	2.8961	6.1644	397.95	1.4520	2.7407
12 350	6366.3	2.8733	6.1160	397.95	1.4406	2.7624
12 400	6366.4	2.8507	6.0680	397.95	1.4293	2.7842
12 450	6366.5	2.8283	6.0203	397.95	1.4181	2.8063
12 500	6366.6	2.8060 +0	5.9730 +24	397.95	1.4069 +9	2.8285 –7
12 550	6366.7	2.7839	5.9261	397.95	1.3959	2.8509
12 600	6366.8	2.7620	5.8796	397.95	1.3849	2.8734
12 650	6366.9	2.7403	5.8334	397.95	1.3741	2.8962
12 700	6367.0	2.7187	5.7876	397.95	1.3633	2.9191
12 750	6367.1	2.6973	5.7421	397.95	1.3526	2.9422
12 800	6367.2	2.6761	5.6970	397.95	1.3419	2.9655
12 850	6367.3	2.6550	5.6523	397.95	1.3314	2.9890
12 900	6367.4	2.6341	5.6079	397.95	1.3209	3.0126
12 950	6367.5	2.6134	5.5639	397.95	1.3106	3.0365

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
13 000	6367.6	2.6037 +0	5.5433 +24	397.95	1.3057 +9	3.0478 –7
13 050	6367.7	2.5833	5.5000	397.95	1.2955	3.0718
13 100	6367.8	2.5631	5.4569	397.95	1.2854	3.0960
13 150	6367.9	2.5430	5.4143	397.95	1.2753	3.1204
13 200	6368.0	2.5231	5.3719	397.95	1.2653	3.1450
13 250	6368.1	2.5033	5.3299	397.95	1.2555	3.1698
13 300	6368.2	2.4837	5.2882	397.95	1.2456	3.1948
13 350	6368.3	2.4642	5.2469	397.95	1.2359	3.2200
13 400	6368.4	2.4449	5.2058	397.95	1.2262	3.2453
13 450	6368.5	2.4258	5.1651	397.95	1.2166	3.2709
13 500	6368.6	2.4068 +0	5.1247 +24	397.95	1.2071 +9	3.2967 –7
13 550	6368.7	2.3879	5.0846	397.95	1.1977	3.3227
13 600	6368.8	2.3692	5.0449	397.95	1.1883	3.3489
13 650	6368.9	2.3506	5.0054	397.95	1.1790	3.3753
13 700	6369.0	2.3322	4.9663	397.95	1.1698	3.4019
13 750	6369.1	2.3139	4.9275	397.95	1.1607	3.4287
13 800	6369.2	2.2958	4.8889	397.95	1.1516	3.4557
13 850	6369.3	2.2778	4.8507	397.95	1.1426	3.4829
13 900	6369.4	2.2600	4.8128	397.95	1.1336	3.5104
13 950	6369.5	2.2423	4.7751	397.95	1.1248	3.5380
14 000	6369.6	2.2247 +0	4.7378 +24	397.95	1.1160 +9	3.5659 –7
14 050	6369.7	2.2073	4.7008	397.95	1.1073	3.5940
14 100	6369.8	2.1900	4.6640	397.95	1.0986	3.6224
14 150	6369.9	2.1728	4.6275	397.95	1.0900	3.6509
14 200	6370.0	2.1558	4.5914	397.95	1.0815	3.6797
14 250	6370.1	2.1389	4.5555	397.95	1.0730	3.7087
14 300	6370.2	2.1221	4.5198	397.95	1.0646	3.7379
14 350	6370.3	2.1055	4.4845	397.95	1.0563	3.7673
14 400	6370.4	2.0890	4.4494	397.95	1.0481	3.7970
14 450	6370.5	2.0727	4.4147	397.95	1.0399	3.8269
14 500	6370.6	2.0564 +0	4.3801 +24	397.95	1.0317 +9	3.8571 –7
14 550	6370.7	2.0403	4.3459	397.95	1.0237	3.8875
14 600	6370.8	2.0243	4.3119	397.95	1.0157	3.9181
14 650	6370.9	2.0085	4.2782	397.95	1.0077	3.9490
14 700	6371.0	1.9927	4.2448	397.95	9.9985 +8	3.9801
14 750	6371.1	1.9771	4.2116	397.95	9.9203	4.0115
14 800	6371.2	1.9616	4.1787	397.95	9.8428	4.0431
14 850	6371.3	1.9463	4.1460	397.95	9.7659	4.0749
14 900	6371.4	1.9310	4.1136	397.95	9.6895	4.1070
14 950	6371.5	1.9159	4.0814	397.95	9.6138	4.1394
15 000	6371.6	1.9009 +0	4.0495 +24	397.95	9.5386 +8	4.1720 –7
15 050	6371.7	1.8860	4.0179	397.95	9.4641	4.2049
15 100	6371.8	1.8712	3.9865	397.95	9.3901	4.2380
15 150	6371.9	1.8566	3.9553	397.95	9.3167	4.2714
15 200	6372.0	1.8421	3.9244	397.95	9.2439	4.3050
15 250	6372.1	1.8276	3.8937	397.95	9.1716	4.3389
15 300	6372.2	1.8133	3.8633	397.95	9.0999	4.3731
15 350	6372.3	1.7991	3.8331	397.95	9.0288	4.4076
15 400	6372.4	1.7850	3.8031	397.95	8.9582	4.4423
15 450	6372.5	1.7710	3.7734	397.95	8.8882	4.4773
15 500	6372.6	1.7572 +0	3.7439 +24	397.95	8.8188 +8	4.5126 –7
15 550	6372.7	1.7434	3.7147	397.95	8.7498	4.5481
15 600	6372.8	1.7298	3.6856	397.95	8.6815	4.5839
15 650	6372.9	1.7162	3.6568	397.95	8.6136	4.6200
15 700	6373.0	1.7028	3.6282	397.95	8.5463	4.6564
15 750	6373.1	1.6894	3.5999	397.95	8.4795	4.6931
15 800	6373.2	1.6762	3.5718	397.95	8.4132	4.7301
15 850	6373.3	1.6631	3.5438	397.95	8.3475	4.7673
15 900	6373.4	1.6501	3.5162	397.95	8.2823	4.8049
15 950	6373.5	1.6371	3.4887	397.95	8.2175	4.8427

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
13 000	6367.6	2.5929 +0	5.5202 +24	397.95	1.3003 +9	3.0605 –7
13 050	6367.7	2.5725	5.4768	397.95	1.2901	3.0848
13 100	6367.8	2.5522	5.4338	397.95	1.2799	3.1092
13 150	6367.9	2.5321	5.3911	397.95	1.2699	3.1338
13 200	6368.0	2.5122	5.3488	397.95	1.2599	3.1586
13 250	6368.1	2.4924	5.3068	397.95	1.2500	3.1836
13 300	6368.2	2.4728	5.2651	397.95	1.2402	3.2088
13 350	6368.3	2.4534	5.2238	397.95	1.2305	3.2342
13 400	6368.4	2.4341	5.1827	397.95	1.2208	3.2598
13 450	6368.5	2.4149	5.1420	397.95	1.2112	3.2856
13 500	6368.6	2.3959 +0	5.1017 +24	397.95	1.2017 +9	3.3116 –7
13 550	6368.7	2.3770	5.0616	397.95	1.1923	3.3378
13 600	6368.8	2.3583	5.0218	397.95	1.1829	3.3642
13 650	6368.9	2.3398	4.9824	397.95	1.1736	3.3909
13 700	6369.0	2.3214	4.9433	397.95	1.1644	3.4177
13 750	6369.1	2.3031	4.9045	397.95	1.1552	3.4448
13 800	6369.2	2.2850	4.8659	397.95	1.1462	3.4720
13 850	6369.3	2.2670	4.8277	397.95	1.1372	3.4995
13 900	6369.4	2.2492	4.7898	397.95	1.1282	3.5272
13 950	6369.5	2.2315	4.7522	397.95	1.1194	3.5551
14 000	6369.6	2.2139 +0	4.7149 +24	397.95	1.1106 +9	3.5833 –7
14 050	6369.7	2.1965	4.6778	397.95	1.1019	3.6116
14 100	6369.8	2.1792	4.6411	397.95	1.0932	3.6402
14 150	6369.9	2.1620	4.6047	397.95	1.0846	3.6690
14 200	6370.0	2.1450	4.5685	397.95	1.0761	3.6981
14 250	6370.1	2.1282	4.5326	397.95	1.0677	3.7274
14 300	6370.2	2.1114	4.4970	397.95	1.0593	3.7569
14 350	6370.3	2.0948	4.4617	397.95	1.0509	3.7866
14 400	6370.4	2.0783	4.4267	397.95	1.0427	3.8166
14 450	6370.5	2.0620	4.3919	397.95	1.0345	3.8468
14 500	6370.6	2.0457 +0	4.3574 +24	397.95	1.0264 +9	3.8772 –7
14 550	6370.7	2.0296	4.3232	397.95	1.0183	3.9079
14 600	6370.8	2.0137	4.2892	397.95	1.0103	3.9389
14 650	6370.9	1.9978	4.2555	397.95	1.0024	3.9700
14 700	6371.0	1.9821	4.2221	397.95	9.9452 +8	4.0015
14 750	6371.1	1.9665	4.1890	397.95	9.8671	4.0331
14 800	6371.2	1.9510	4.1561	397.95	9.7896	4.0651
14 850	6371.3	1.9357	4.1234	397.95	9.7127	4.0972
14 900	6371.4	1.9204	4.0910	397.95	9.6364	4.1297
14 950	6371.6	1.9053	4.0589	397.95	9.5607	4.1624
15 000	6371.7	1.8903 +0	4.0270 +24	397.95	9.4857 +8	4.1953 –7
15 050	6371.8	1.8755	3.9954	397.95	9.4112	4.2285
15 100	6371.9	1.8607	3.9640	397.95	9.3373	4.2620
15 150	6372.0	1.8461	3.9329	397.95	9.2639	4.2957
15 200	6372.1	1.8315	3.9020	397.95	9.1912	4.3297
15 250	6372.2	1.8171	3.8714	397.95	9.1190	4.3640
15 300	6372.3	1.8028	3.8410	397.95	9.0474	4.3985
15 350	6372.4	1.7886	3.8108	397.95	8.9763	4.4334
15 400	6372.5	1.7746	3.7809	397.95	8.9058	4.4684
15 450	6372.6	1.7606	3.7512	397.95	8.8359	4.5038
15 500	6372.7	1.7467 +0	3.7217 +24	397.95	8.7665 +8	4.5395 –7
15 550	6372.8	1.7330	3.6925	397.95	8.6976	4.5754
15 600	6372.9	1.7194	3.6635	397.95	8.6293	4.6116
15 650	6373.0	1.7058	3.6347	397.95	8.5616	4.6481
15 700	6373.1	1.6924	3.6062	397.95	8.4943	4.6849
15 750	6373.2	1.6791	3.5779	397.95	8.4276	4.7220
15 800	6373.3	1.6659	3.5498	397.95	8.3614	4.7594
15 850	6373.4	1.6528	3.5219	397.95	8.2958	4.7970
15 900	6373.5	1.6398	3.4942	397.95	8.2306	4.8350
15 950	6373.6	1.6269	3.4668	397.95	8.1660	4.8733

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
16 000	6373.6	1.6243 +0	3.4614 +24	397.95	8.1533 +8	4.8808 –7
16 050	6373.7	1.6116	3.4344	397.95	8.0896	4.9193
16 100	6373.8	1.5990	3.4075	397.95	8.0264	4.9580
16 150	6373.9	1.5865	3.3809	397.95	7.9637	4.9971
16 200	6374.0	1.5741	3.3545	397.95	7.9015	5.0364
16 250	6374.1	1.5617	3.3283	397.95	7.8397	5.0761
16 300	6374.2	1.5495	3.3023	397.95	7.7785	5.1161
16 350	6374.3	1.5374	3.2765	397.95	7.7177	5.1564
16 400	6374.4	1.5253	3.2509	397.95	7.6574	5.1970
16 450	6374.5	1.5134	3.2255	397.95	7.5976	5.2379
16 500	6374.6	1.5015 +0	3.2003 +24	397.95	7.5382 +8	5.2791 –7
16 550	6374.7	1.4898	3.1753	397.95	7.4793	5.3207
16 600	6374.8	1.4781	3.1505	397.95	7.4209	5.3626
16 650	6374.9	1.4666	3.1258	397.95	7.3629	5.4048
16 700	6375.0	1.4551	3.1014	397.95	7.3054	5.4474
16 750	6375.1	1.4437	3.0772	397.95	7.2483	5.4903
16 800	6375.2	1.4324	3.0532	397.95	7.1917	5.5335
16 850	6375.3	1.4212	3.0293	397.95	7.1355	5.5771
16 900	6375.4	1.4100	3.0056	397.95	7.0798	5.6210
16 950	6375.5	1.3990	2.9822	397.95	7.0244	5.6652
17 000	6375.6	1.3881 +0	2.9589 +24	397.95	6.9696 +8	5.7098 –7
17 050	6375.7	1.3772	2.9358	397.95	6.9151	5.7548
17 100	6375.8	1.3664	2.9128	397.95	6.8611	5.8001
17 150	6375.9	1.3557	2.8901	397.95	6.8075	5.8458
17 200	6376.0	1.3451	2.8675	397.95	6.7543	5.8918
17 250	6376.1	1.3346	2.8451	397.95	6.7016	5.9382
17 300	6376.2	1.3241	2.8229	397.95	6.6492	5.9849
17 350	6376.3	1.3138	2.8008	397.95	6.5973	6.0320
17 400	6376.4	1.3035	2.7789	397.95	6.5458	6.0795
17 450	6376.5	1.2933	2.7572	397.95	6.4946	6.1274
17 500	6376.6	1.2832 +0	2.7357 +24	397.95	6.4439 +8	6.1756 –7
17 550	6376.7	1.2731	2.7143	397.95	6.3936	6.2242
17 600	6376.8	1.2632	2.6931	397.95	6.3436	6.2732
17 650	6376.9	1.2533	2.6721	397.95	6.2941	6.3226
17 700	6377.0	1.2435	2.6512	397.95	6.2449	6.3724
17 750	6377.1	1.2337	2.6305	397.95	6.1962	6.4225
17 800	6377.2	1.2241	2.6100	397.95	6.1478	6.4731
17 850	6377.3	1.2145	2.5896	397.95	6.0998	6.5240
17 900	6377.4	1.2050	2.5694	397.95	6.0521	6.5754
17 950	6377.5	1.1956	2.5493	397.95	6.0049	6.6272
18 000	6377.6	1.1862 +0	2.5294 +24	397.95	5.9580 +8	6.6793 –7
18 050	6377.7	1.1769	2.5096	397.95	5.9114	6.7319
18 100	6377.8	1.1677	2.4900	397.95	5.8653	6.7849
18 150	6377.9	1.1586	2.4706	397.95	5.8195	6.8383
18 200	6378.0	1.1495	2.4513	397.95	5.7740	6.8921
18 250	6378.1	1.1405	2.4322	397.95	5.7289	6.9463
18 300	6378.2	1.1316	2.4132	397.95	5.6842	7.0010
18 350	6378.3	1.1228	2.3943	397.95	5.6398	7.0561
18 400	6378.4	1.1140	2.3756	397.95	5.5958	7.1116
18 450	6378.5	1.1053	2.3571	397.95	5.5521	7.1676
18 500	6378.6	1.0966 +0	2.3387 +24	397.95	5.5087 +8	7.2240 –7
18 550	6378.7	1.0880	2.3204	397.95	5.4657	7.2809
18 600	6378.8	1.0795	2.3023	397.95	5.4231	7.3381
18 650	6378.9	1.0711	2.2843	397.95	5.3807	7.3959
18 700	6379.0	1.0627	2.2665	397.95	5.3387	7.4541
18 750	6379.1	1.0544	2.2488	397.95	5.2970	7.5127
18 800	6379.2	1.0461	2.2312	397.95	5.2557	7.5719
18 850	6379.3	1.0379	2.2138	397.95	5.2146	7.6314
18 900	6379.4	1.0298	2.1965	397.95	5.1739	7.6915
18 950	6379.5	1.0218	2.1794	397.95	5.1335	7.7520

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
16 000	6373.7	1.6141 +0	3.4396 +24	397.95	8.1018 +8	4.9119 –7
16 050	6373.8	1.6014	3.4125	397.95	8.0382	4.9507
16 100	6373.9	1.5888	3.3857	397.95	7.9751	4.9899
16 150	6374.0	1.5762	3.3592	397.95	7.9125	5.0294
16 200	6374.1	1.5638	3.3328	397.95	7.8503	5.0692
16 250	6374.2	1.5515	3.3066	397.95	7.7887	5.1094
16 300	6374.3	1.5393	3.2806	397.95	7.7275	5.1498
16 350	6374.4	1.5272	3.2549	397.95	7.6668	5.1906
16 400	6374.5	1.5152	3.2293	397.95	7.6066	5.2317
16 450	6374.6	1.5033	3.2039	397.95	7.5469	5.2731
16 500	6374.7	1.4914 +0	3.1788 +24	397.95	7.4876 +8	5.3148 –7
16 550	6374.8	1.4797	3.1538	397.95	7.4288	5.3569
16 600	6374.9	1.4681	3.1291	397.95	7.3705	5.3993
16 650	6375.0	1.4565	3.1045	397.95	7.3126	5.4420
16 700	6375.1	1.4451	3.0801	397.95	7.2551	5.4851
16 750	6375.2	1.4337	3.0559	397.95	7.1982	5.5285
16 800	6375.3	1.4224	3.0319	397.95	7.1416	5.5723
16 850	6375.4	1.4112	3.0081	397.95	7.0855	5.6164
16 900	6375.5	1.4001	2.9845	397.95	7.0299	5.6608
16 950	6375.6	1.3891	2.9610	397.95	6.9747	5.7057
17 000	6375.7	1.3782 +0	2.9378 +24	397.95	6.9199 +8	5.7508 –7
17 050	6375.8	1.3673	2.9147	397.95	6.8656	5.7963
17 100	6375.9	1.3565	2.8918	397.95	6.8117	5.8422
17 150	6376.0	1.3459	2.8691	397.95	6.7582	5.8885
17 200	6376.1	1.3353	2.8466	397.95	6.7051	5.9351
17 250	6376.2	1.3248	2.8242	397.95	6.6524	5.9821
17 300	6376.3	1.3144	2.8020	397.95	6.6002	6.0294
17 350	6376.4	1.3040	2.7800	397.95	6.5483	6.0771
17 400	6376.5	1.2937	2.7582	397.95	6.4969	6.1252
17 450	6376.6	1.2836	2.7365	397.95	6.4459	6.1737
17 500	6376.7	1.2735 +0	2.7151 +24	397.95	6.3953 +8	6.2226 –7
17 550	6376.8	1.2634	2.6937	397.95	6.3451	6.2718
17 600	6376.9	1.2535	2.6726	397.95	6.2952	6.3215
17 650	6377.0	1.2436	2.6516	397.95	6.2458	6.3715
17 700	6377.1	1.2339	2.6308	397.95	6.1967	6.4220
17 750	6377.2	1.2241	2.6101	397.95	6.1481	6.4728
17 800	6377.3	1.2145	2.5896	397.95	6.0998	6.5240
17 850	6377.4	1.2050	2.5693	397.95	6.0519	6.5757
17 900	6377.5	1.1955	2.5491	397.95	6.0043	6.6277
17 950	6377.6	1.1861	2.5291	397.95	5.9572	6.6802
18 000	6377.7	1.1767 +0	2.5092 +24	397.95	5.9104 +8	6.7331 –7
18 050	6377.8	1.1675	2.4895	397.95	5.8640	6.7864
18 100	6377.9	1.1583	2.4700	397.95	5.8179	6.8401
18 150	6378.0	1.1492	2.4506	397.95	5.7723	6.8942
18 200	6378.1	1.1401	2.4313	397.95	5.7269	6.9488
18 250	6378.2	1.1312	2.4122	397.95	5.6819	7.0038
18 300	6378.3	1.1223	2.3933	397.95	5.6373	7.0592
18 350	6378.4	1.1134	2.3745	397.95	5.5930	7.1151
18 400	6378.5	1.1047	2.3558	397.95	5.5491	7.1714
18 450	6378.6	1.0960	2.3373	397.95	5.5055	7.2282
18 500	6378.7	1.0873 +0	2.3190 +24	397.95	5.4623 +8	7.2854 –7
18 550	6378.8	1.0788	2.3008	397.95	5.4194	7.3431
18 600	6378.9	1.0703	2.2827	397.95	5.3768	7.4012
18 650	6379.0	1.0619	2.2648	397.95	5.3346	7.4598
18 700	6379.1	1.0535	2.2470	397.95	5.2927	7.5188
18 750	6379.2	1.0452	2.2293	397.95	5.2512	7.5784
18 800	6379.3	1.0370	2.2118	397.95	5.2099	7.6383
18 850	6379.4	1.0288	2.1945	397.95	5.1690	7.6988
18 900	6379.5	1.0207	2.1772	397.95	5.1284	7.7597
18 950	6379.6	1.0127	2.1601	397.95	5.0881	7.8212

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
19 000	6379.6	1.0138 +0	2.1624 +24	397.95	5.0934 +8	7.8130 –7
19 050	6379.7	1.0058	2.1455	397.95	5.0537	7.8745
19 100	6379.8	9.9798 –1	2.1287	397.95	5.0142	7.9364
19 150	6379.9	9.9017	2.1121	397.95	4.9751	7.9989
19 200	6380.0	9.8243	2.0956	397.95	4.9363	8.0618
19 250	6380.1	9.7474	2.0793	397.95	4.8977	8.1252
19 300	6380.2	9.6712	2.0630	397.95	4.8595	8.1892
19 350	6380.3	9.5955	2.0469	397.95	4.8216	8.2536
19 400	6380.4	9.5205	2.0310	397.95	4.7839	8.3185
19 450	6380.5	9.4460	2.0151	397.95	4.7466	8.3840
19 500	6380.6	9.3721 –1	1.9994 +24	397.95	4.7095 +8	8.4499 –7
19 550	6380.7	9.2988	1.9838	397.95	4.6728	8.5164
19 600	6380.8	9.2261	1.9683	397.95	4.6363	8.5834
19 650	6380.9	9.1540	1.9529	397.95	4.6001	8.6509
19 700	6381.0	9.0824	1.9377	397.95	4.5642	8.7190
19 750	6381.1	9.0113	1.9226	397.95	4.5286	8.7876
19 800	6381.2	8.9409	1.9076	397.95	4.4932	8.8567
19 850	6381.3	8.8709	1.8927	397.95	4.4582	8.9264
19 900	6381.4	8.8016	1.8779	397.95	4.4234	8.9966
19 950	6381.5	8.7327	1.8632	397.95	4.3888	9.0674
20 000	6381.6	8.6645 –1	1.8487 +24	397.95	4.3546 +8	9.1387 –7
20 050	6381.7	8.5967	1.8343	397.95	4.3206	9.2106
20 100	6382.9	8.5280	1.8196	397.99	4.2865	9.2846
20 150	6384.4	8.4594	1.8050	398.03	4.2526	9.3597
20 200	6386.0	8.3914	1.7905	398.08	4.2189	9.4355
20 250	6387.6	8.3239	1.7762	398.12	4.1856	9.5118
20 300	6389.1	8.2570	1.7619	398.17	4.1524	9.5887
20 350	6390.7	8.1906	1.7478	398.21	4.1196	9.6663
20 400	6392.2	8.1248	1.7338	398.26	4.0870	9.7444
20 450	6393.8	8.0595	1.7199	398.30	4.0547	9.8232
20 500	6395.4	7.9948 –1	1.7061 +24	398.35	4.0227 +8	9.9026 –7
20 550	6396.9	7.9306	1.6924	398.40	3.9909	9.9826
20 600	6398.5	7.8670	1.6789	398.44	3.9594	1.0063 –6
20 650	6400.1	7.8038	1.6654	398.49	3.9281	1.0144
20 700	6401.6	7.7412	1.6521	398.53	3.8971	1.0226
20 750	6403.2	7.6791	1.6388	398.58	3.8664	1.0309
20 800	6404.8	7.6175	1.6257	398.62	3.8359	1.0392
20 850	6406.3	7.5565	1.6127	398.67	3.8056	1.0476
20 900	6407.9	7.4959	1.5998	398.71	3.7756	1.0560
20 950	6409.4	7.4358	1.5870	398.76	3.7458	1.0645
21 000	6411.0	7.3763 –1	1.5743 +24	398.81	3.7163 +8	1.0731 –6
21 050	6412.6	7.3172	1.5617	398.85	3.6870	1.0818
21 100	6414.1	7.2586	1.5493	398.90	3.6579	1.0905
21 150	6415.7	7.2005	1.5369	398.94	3.6291	1.0993
21 200	6417.3	7.1428	1.5246	398.99	3.6005	1.1081
21 250	6418.8	7.0857	1.5124	399.03	3.5722	1.1171
21 300	6420.4	7.0290	1.5004	399.08	3.5441	1.1260
21 350	6422.0	6.9728	1.4884	399.12	3.5162	1.1351
21 400	6423.5	6.9170	1.4765	399.17	3.4885	1.1442
21 450	6425.1	6.8617	1.4647	399.22	3.4611	1.1534
21 500	6426.7	6.8069 –1	1.4530 +24	399.26	3.4339 +8	1.1627 –6
21 550	6428.2	6.7525	1.4415	399.31	3.4069	1.1721
21 600	6429.8	6.6985	1.4300	399.35	3.3801	1.1815
21 650	6431.3	6.6450	1.4186	399.40	3.3535	1.1910
21 700	6432.9	6.5920	1.4073	399.44	3.3272	1.2005
21 750	6434.5	6.5394	1.3960	399.49	3.3011	1.2102
21 800	6436.0	6.4872	1.3849	399.53	3.2751	1.2199
21 850	6437.6	6.4354	1.3739	399.58	3.2494	1.2297
21 900	6439.2	6.3841	1.3630	399.62	3.2239	1.2396
21 950	6440.7	6.3332	1.3521	399.67	3.1986	1.2495

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
19 000	6379.7	1.0047 +0	2.1432 +24	397.95	5.0482 +8	7.8831 –7
19 050	6379.8	9.9684 –1	2.1263	397.95	5.0085	7.9455
19 100	6379.9	9.8900	2.1096	397.95	4.9692	8.0084
19 150	6380.0	9.8121	2.0931	397.95	4.9302	8.0718
19 200	6380.1	9.7349	2.0766	397.95	4.8915	8.1357
19 250	6380.2	9.6583	2.0603	397.95	4.8530	8.2001
19 300	6380.3	9.5823	2.0441	397.95	4.8149	8.2650
19 350	6380.4	9.5069	2.0281	397.95	4.7771	8.3304
19 400	6380.5	9.4321	2.0121	397.95	4.7396	8.3963
19 450	6380.6	9.3579	1.9963	397.95	4.7024	8.4628
19 500	6380.7	9.2842 –1	1.9807 +24	397.95	4.6654 +8	8.5298 –7
19 550	6380.8	9.2112	1.9651	397.95	4.6288	8.5973
19 600	6380.9	9.1387	1.9497	397.95	4.5924	8.6653
19 650	6381.0	9.0668	1.9344	397.95	4.5564	8.7339
19 700	6381.1	8.9954	1.9192	397.95	4.5206	8.8031
19 750	6381.2	8.9247	1.9041	397.95	4.4851	8.8728
19 800	6381.3	8.8544	1.8892	397.95	4.4499	8.9430
19 850	6381.4	8.7848	1.8743	397.95	4.4149	9.0138
19 900	6381.5	8.7156	1.8596	397.95	4.3803	9.0851
19 950	6381.6	8.6470	1.8450	397.95	4.3459	9.1570
20 000	6381.7	8.5790 –1	1.8305 +24	397.95	4.3117 +8	9.2295 –7
20 050	6383.3	8.5095	1.8157	398.00	4.2774	9.3047
20 100	6384.9	8.4406	1.8010	398.04	4.2433	9.3805
20 150	6386.4	8.3723	1.7865	398.09	4.2095	9.4569
20 200	6388.0	8.3046	1.7721	398.14	4.1760	9.5339
20 250	6389.6	8.2374	1.7578	398.18	4.1428	9.6115
20 300	6391.2	8.1708	1.7436	398.23	4.1098	9.6897
20 350	6392.7	8.1047	1.7295	398.27	4.0771	9.7686
20 400	6394.3	8.0392	1.7155	398.32	4.0447	9.8480
20 450	6395.9	7.9742	1.7017	398.36	4.0125	9.9281
20 500	6397.4	7.9098 –1	1.6880 +24	398.41	3.9806 +8	1.0009 –6
20 550	6399.0	7.8459	1.6744	398.46	3.9490	1.0090
20 600	6400.6	7.7825	1.6609	398.50	3.9176	1.0172
20 650	6402.2	7.7197	1.6475	398.55	3.8864	1.0255
20 700	6403.7	7.6574	1.6342	398.59	3.8556	1.0338
20 750	6405.3	7.5955	1.6210	398.64	3.8250	1.0422
20 800	6406.9	7.5343	1.6080	398.69	3.7946	1.0507
20 850	6408.5	7.4735	1.5950	398.73	3.7645	1.0592
20 900	6410.0	7.4132	1.5822	398.78	3.7346	1.0678
20 950	6411.6	7.3534	1.5695	398.82	3.7050	1.0765
21 000	6413.2	7.2941 –1	1.5568 +24	398.87	3.6756 +8	1.0852 –6
21 050	6414.8	7.2353	1.5443	398.91	3.6464	1.0940
21 100	6416.3	7.1770	1.5319	398.96	3.6175	1.1029
21 150	6417.9	7.1192	1.5196	399.01	3.5888	1.1118
21 200	6419.5	7.0619	1.5074	399.05	3.5604	1.1208
21 250	6421.1	7.0050	1.4952	399.10	3.5322	1.1299
21 300	6422.6	6.9486	1.4832	399.14	3.5042	1.1390
21 350	6424.2	6.8927	1.4713	399.19	3.4765	1.1483
21 400	6425.8	6.8372	1.4595	399.24	3.4489	1.1576
21 450	6427.4	6.7822	1.4478	399.28	3.4216	1.1669
21 500	6428.9	6.7277 –1	1.4362 +24	399.33	3.3945 +8	1.1764 –6
21 550	6430.5	6.6735	1.4246	399.37	3.3677	1.1859
21 600	6432.1	6.6199	1.4132	399.42	3.3410	1.1955
21 650	6433.7	6.5667	1.4019	399.46	3.3146	1.2052
21 700	6435.2	6.5139	1.3906	399.51	3.2884	1.2149
21 750	6436.8	6.4616	1.3795	399.56	3.2624	1.2247
21 800	6438.4	6.4097	1.3684	399.60	3.2366	1.2346
21 850	6440.0	6.3582	1.3574	399.65	3.2111	1.2446
21 900	6441.5	6.3071	1.3466	399.69	3.1857	1.2546
21 950	6443.1	6.2565	1.3358	399.74	3.1605	1.2648

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
22 000	6442.3	6.2827 –1	1.3413 +24	399.71	3.1735 +8	1.2595 –6
22 050	6443.9	6.2326	1.3307	399.76	3.1486	1.2696
22 100	6445.4	6.1829	1.3201	399.81	3.1240	1.2798
22 150	6447.0	6.1337	1.3096	399.85	3.0995	1.2901
22 200	6448.6	6.0848	1.2992	399.90	3.0752	1.3004
22 250	6450.1	6.0363	1.2889	399.94	3.0511	1.3108
22 300	6451.7	5.9883	1.2786	399.99	3.0272	1.3213
22 350	6453.3	5.9406	1.2685	400.03	3.0035	1.3319
22 400	6454.8	5.8933	1.2584	400.08	2.9800	1.3426
22 450	6456.4	5.8465	1.2484	400.12	2.9566	1.3533
22 500	6457.9	5.8000 –1	1.2385 +24	400.17	2.9335 +8	1.3641 –6
22 550	6459.5	5.7538	1.2287	400.21	2.9105	1.3751
22 600	6461.1	5.7081	1.2189	400.26	2.8878	1.3860
22 650	6462.6	5.6627	1.2092	400.30	2.8652	1.3971
22 700	6464.2	5.6177	1.1996	400.35	2.8428	1.4083
22 750	6465.8	5.5731	1.1901	400.40	2.8206	1.4196
22 800	6467.3	5.5288	1.1807	400.44	2.7985	1.4309
22 850	6468.9	5.4849	1.1713	400.49	2.7767	1.4423
22 900	6470.5	5.4414	1.1621	400.53	2.7550	1.4538
22 950	6472.0	5.3982	1.1529	400.58	2.7335	1.4655
23 000	6473.6	5.3554 –1	1.1437 +24	400.62	2.7121 +8	1.4772 –6
23 050	6475.2	5.3129	1.1347	400.67	2.6909	1.4889
23 100	6476.7	5.2708	1.1257	400.71	2.6700	1.5008
23 150	6478.3	5.2290	1.1168	400.76	2.6491	1.5128
23 200	6479.9	5.1875	1.1079	400.80	2.6285	1.5249
23 250	6481.4	5.1464	1.0992	400.85	2.6080	1.5370
23 300	6483.0	5.1056	1.0905	400.89	2.5876	1.5493
23 350	6484.6	5.0652	1.0819	400.94	2.5675	1.5616
23 400	6486.1	5.0251	1.0733	400.98	2.5475	1.5741
23 450	6487.7	4.9853	1.0648	401.03	2.5276	1.5866
23 500	6489.2	4.9458 –1	1.0564 +24	401.07	2.5079 +8	1.5992 –6
23 550	6490.8	4.9067	1.0481	401.12	2.4884	1.6120
23 600	6492.4	4.8679	1.0398	401.16	2.4690	1.6248
23 650	6493.9	4.8294	1.0316	401.21	2.4498	1.6377
23 700	6495.5	4.7912	1.0235	401.26	2.4308	1.6507
23 750	6497.1	4.7533	1.0154	401.30	2.4118	1.6639
23 800	6498.6	4.7157	1.0074	401.35	2.3931	1.6771
23 850	6500.2	4.6784	9.9943 +23	401.39	2.3745	1.6904
23 900	6501.8	4.6415	9.9154	401.44	2.3560	1.7039
23 950	6503.3	4.6048	9.8373	401.48	2.3377	1.7174
24 000	6504.9	4.5685 –1	9.7598 +23	401.53	2.3195 +8	1.7311 –6
24 050	6506.5	4.5324	9.6829	401.57	2.3015	1.7448
24 100	6508.0	4.4966	9.6066	401.62	2.2837	1.7587
24 150	6509.6	4.4611	9.5309	401.66	2.2659	1.7726
24 200	6511.2	4.4259	9.4559	401.71	2.2483	1.7867
24 250	6512.7	4.3910	9.3814	401.75	2.2309	1.8009
24 300	6514.3	4.3564	9.3076	401.80	2.2136	1.8151
24 350	6515.9	4.3221	9.2344	401.84	2.1964	1.8295
24 400	6517.4	4.2880	9.1617	401.89	2.1794	1.8440
24 450	6519.0	4.2542	9.0897	401.93	2.1625	1.8587
24 500	6520.6	4.2207 –1	9.0182 +23	401.98	2.1457 +8	1.8734 –6
24 550	6522.1	4.1874	8.9473	402.02	2.1291	1.8882
24 600	6523.7	4.1545	8.8770	402.07	2.1126	1.9032
24 650	6525.3	4.1218	8.8073	402.11	2.0962	1.9183
24 700	6526.8	4.0893	8.7381	402.16	2.0800	1.9334
24 750	6528.4	4.0571	8.6695	402.20	2.0639	1.9488
24 800	6530.0	4.0252	8.6014	402.25	2.0479	1.9642
24 850	6531.5	3.9936	8.5339	402.29	2.0321	1.9797
24 900	6533.1	3.9622	8.4669	402.34	2.0164	1.9954
24 950	6534.6	3.9310	8.4005	402.38	2.0008	2.0111

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
22 000	6444.7	6.2063 –1	1.3251 +24	399.78	3.1356 +8	1.2750 –6
22 050	6446.3	6.1565	1.3145	399.83	3.1108	1.2853
22 100	6447.8	6.1071	1.3039	399.88	3.0863	1.2957
22 150	6449.4	6.0581	1.2935	399.92	3.0619	1.3061
22 200	6451.0	6.0096	1.2832	399.97	3.0378	1.3167
22 250	6452.6	5.9614	1.2729	400.01	3.0138	1.3273
22 300	6454.1	5.9136	1.2627	400.06	2.9900	1.3380
22 350	6455.7	5.8662	1.2526	400.10	2.9665	1.3488
22 400	6457.3	5.8192	1.2426	400.15	2.9431	1.3596
22 450	6458.9	5.7726	1.2327	400.20	2.9199	1.3706
22 500	6460.4	5.7264 –1	1.2228 +24	400.24	2.8969 +8	1.3816 –6
22 550	6462.0	5.6806	1.2130	400.29	2.8741	1.3928
22 600	6463.6	5.6351	1.2034	400.33	2.8514	1.4040
22 650	6465.2	5.5900	1.1937	400.38	2.8290	1.4153
22 700	6466.8	5.5453	1.1842	400.42	2.8067	1.4267
22 750	6468.3	5.5010	1.1748	400.47	2.7846	1.4381
22 800	6469.9	5.4570	1.1654	400.52	2.7627	1.4497
22 850	6471.5	5.4133	1.1561	400.56	2.7410	1.4614
22 900	6473.1	5.3701	1.1469	400.61	2.7194	1.4731
22 950	6474.6	5.3272	1.1377	400.65	2.6981	1.4850
23 000	6476.2	5.2846 –1	1.1286 +24	400.70	2.6769 +8	1.4969 –6
23 050	6477.8	5.2424	1.1196	400.74	2.6558	1.5089
23 100	6479.4	5.2005	1.1107	400.79	2.6349	1.5210
23 150	6480.9	5.1590	1.1019	400.83	2.6143	1.5333
23 200	6482.5	5.1178	1.0931	400.88	2.5937	1.5456
23 250	6484.1	5.0770	1.0844	400.93	2.5734	1.5580
23 300	6485.7	5.0365	1.0758	400.97	2.5532	1.5705
23 350	6487.2	4.9963	1.0672	401.02	2.5331	1.5831
23 400	6488.8	4.9565	1.0587	401.06	2.5132	1.5958
23 450	6490.4	4.9170	1.0503	401.11	2.4935	1.6086
23 500	6492.0	4.8778 –1	1.0419 +24	401.15	2.4740 +8	1.6215 –6
23 550	6493.6	4.8389	1.0336	401.20	2.4546	1.6345
23 600	6495.1	4.8003	1.0254	401.24	2.4353	1.6476
23 650	6496.7	4.7621	1.0173	401.29	2.4162	1.6608
23 700	6498.3	4.7242	1.0092	401.34	2.3973	1.6741
23 750	6499.9	4.6866	1.0012	401.38	2.3785	1.6875
23 800	6501.4	4.6493	9.9320 +23	401.43	2.3599	1.7010
23 850	6503.0	4.6123	9.8531	401.47	2.3414	1.7146
23 900	6504.6	4.5756	9.7749	401.52	2.3231	1.7284
23 950	6506.2	4.5392	9.6973	401.56	2.3049	1.7422
24 000	6507.7	4.5031 –1	9.6203 +23	401.61	2.2869 +8	1.7561 –6
24 050	6509.3	4.4673	9.5440	401.65	2.2690	1.7702
24 100	6510.9	4.4317	9.4683	401.70	2.2512	1.7843
24 150	6512.5	4.3965	9.3932	401.75	2.2336	1.7986
24 200	6514.1	4.3616	9.3187	401.79	2.2162	1.8130
24 250	6515.6	4.3269	9.2448	401.84	2.1989	1.8275
24 300	6517.2	4.2926	9.1715	401.88	2.1817	1.8421
24 350	6518.8	4.2585	9.0988	401.93	2.1646	1.8568
24 400	6520.4	4.2247	9.0267	401.97	2.1477	1.8716
24 450	6521.9	4.1912	8.9552	402.02	2.1309	1.8866
24 500	6523.5	4.1579 –1	8.8843 +23	402.06	2.1143 +8	1.9016 –6
24 550	6525.1	4.1249	8.8140	402.11	2.0978	1.9168
24 600	6526.7	4.0922	8.7442	402.15	2.0814	1.9321
24 650	6528.3	4.0597	8.6750	402.20	2.0652	1.9475
24 700	6529.8	4.0276	8.6064	402.25	2.0491	1.9630
24 750	6531.4	3.9956	8.5383	402.29	2.0331	1.9787
24 800	6533.0	3.9640	8.4708	402.34	2.0173	1.9945
24 850	6534.6	3.9326	8.4038	402.38	2.0015	2.0104
24 900	6536.2	3.9014	8.3373	402.43	1.9859	2.0264
24 950	6537.7	3.8705	8.2714	402.47	1.9705	2.0425

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
25 000	6536.2	3.9001 –1	8.3346 +23	402.43	1.9853 +8	2.0270 –6
25 050	6537.8	3.8695	8.2693	402.47	1.9699	2.0431
25 100	6539.3	3.8391	8.2044	402.52	1.9547	2.0592
25 150	6540.9	3.8089	8.1401	402.56	1.9396	2.0755
25 200	6542.5	3.7790	8.0763	402.61	1.9246	2.0919
25 250	6544.0	3.7494	8.0131	402.65	1.9098	2.1084
25 300	6545.6	3.7199	7.9503	402.70	1.8950	2.1250
25 350	6547.2	3.6908	7.8880	402.74	1.8804	2.1418
25 400	6548.7	3.6618	7.8263	402.79	1.8659	2.1587
25 450	6550.3	3.6331	7.7650	402.83	1.8515	2.1757
25 500	6551.9	3.6046 –1	7.7043 +23	402.88	1.8372 +8	2.1929 –6
25 550	6553.4	3.5764	7.6440	402.92	1.8230	2.2102
25 600	6555.0	3.5483	7.5842	402.97	1.8090	2.2276
25 650	6556.6	3.5205	7.5249	403.01	1.7950	2.2452
25 700	6558.1	3.4929	7.4661	403.06	1.7812	2.2629
25 750	6559.7	3.4656	7.4077	403.10	1.7675	2.2807
25 800	6561.3	3.4385	7.3498	403.15	1.7539	2.2986
25 850	6562.8	3.4115	7.2924	403.19	1.7404	2.3167
25 900	6564.4	3.3848	7.2355	403.24	1.7270	2.3350
25 950	6566.0	3.3584	7.1790	403.28	1.7137	2.3533
26 000	6567.5	3.3321 –1	7.1229 +23	403.33	1.7005 +8	2.3719 –6
26 050	6569.1	3.3060	7.0674	403.37	1.6874	2.3905
26 100	6570.7	3.2802	7.0122	403.42	1.6744	2.4093
26 150	6572.2	3.2546	6.9575	403.46	1.6615	2.4283
26 200	6573.8	3.2291	6.9032	403.51	1.6488	2.4474
26 250	6575.4	3.2039	6.8494	403.55	1.6361	2.4666
26 300	6576.9	3.1789	6.7960	403.60	1.6235	2.4860
26 350	6578.5	3.1540	6.7431	403.64	1.6110	2.5055
26 400	6580.1	3.1294	6.6905	403.69	1.5987	2.5252
26 450	6581.6	3.1050	6.6384	403.73	1.5864	2.5450
26 500	6583.2	3.0808 –1	6.5867 +23	403.78	1.5742 +8	2.5650 –6
26 550	6584.8	3.0567	6.5354	403.82	1.5621	2.5851
26 600	6586.3	3.0329	6.4846	403.87	1.5501	2.6054
26 650	6587.9	3.0092	6.4341	403.91	1.5382	2.6258
26 700	6589.5	2.9858	6.3840	403.96	1.5264	2.6464
26 750	6591.0	2.9625	6.3344	404.00	1.5147	2.6671
26 800	6592.6	2.9394	6.2851	404.05	1.5031	2.6880
26 850	6594.2	2.9165	6.2362	404.09	1.4916	2.7091
26 900	6595.7	2.8938	6.1878	404.14	1.4802	2.7303
26 950	6597.3	2.8713	6.1397	404.18	1.4688	2.7517
27 000	6598.9	2.8489 –1	6.0920 +23	404.23	1.4576 +8	2.7733 –6
27 050	6600.4	2.8267	6.0447	404.27	1.4464	2.7950
27 100	6602.0	2.8048	5.9977	404.32	1.4353	2.8168
27 150	6603.6	2.7829	5.9511	404.36	1.4244	2.8389
27 200	6605.1	2.7613	5.9050	404.41	1.4135	2.8611
27 250	6606.7	2.7398	5.8591	404.45	1.4026	2.8835
27 300	6608.3	2.7185	5.8137	404.50	1.3919	2.9060
27 350	6609.8	2.6974	5.7686	404.54	1.3813	2.9287
27 400	6611.4	2.6764	5.7238	404.58	1.3707	2.9516
27 450	6613.0	2.6556	5.6795	404.63	1.3602	2.9747
27 500	6614.5	2.6350 –1	5.6354 +23	404.67	1.3498 +8	2.9979 –6
27 550	6616.1	2.6146	5.5918	404.72	1.3395	3.0213
27 600	6617.7	2.5943	5.5485	404.76	1.3293	3.0449
27 650	6619.2	2.5741	5.5055	404.81	1.3192	3.0687
27 700	6620.8	2.5541	5.4628	404.85	1.3091	3.0926
27 750	6622.4	2.5343	5.4206	404.90	1.2991	3.1168
27 800	6623.9	2.5147	5.3786	404.94	1.2892	3.1411
27 850	6625.5	2.4952	5.3370	404.99	1.2793	3.1656
27 900	6627.1	2.4758	5.2957	405.03	1.2696	3.1903
27 950	6628.6	2.4566	5.2547	405.08	1.2599	3.2151

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
25 000	6539.3	3.8399 –1	8.2061 +23	402.52	1.9551 +8	2.0588 –6
25 050	6540.9	3.8095	8.1413	402.56	1.9399	2.0752
25 100	6542.5	3.7793	8.0770	402.61	1.9248	2.0917
25 150	6544.0	3.7494	8.0132	402.65	1.9098	2.1084
25 200	6545.6	3.7198	7.9499	402.70	1.8949	2.1251
25 250	6547.2	3.6904	7.8872	402.74	1.8802	2.1420
25 300	6548.8	3.6612	7.8249	402.79	1.8656	2.1591
25 350	6550.4	3.6322	7.7632	402.84	1.8511	2.1762
25 400	6551.9	3.6035	7.7020	402.88	1.8367	2.1935
25 450	6553.5	3.5751	7.6412	402.93	1.8224	2.2110
25 500	6555.1	3.5468 –1	7.5810 +23	402.97	1.8082 +8	2.2286 –6
25 550	6556.7	3.5188	7.5212	403.02	1.7942	2.2463
25 600	6558.3	3.4910	7.4620	403.06	1.7802	2.2641
25 650	6559.8	3.4635	7.4032	403.11	1.7664	2.2821
25 700	6561.4	3.4361	7.3449	403.15	1.7527	2.3002
25 750	6563.0	3.4090	7.2870	403.20	1.7391	2.3185
25 800	6564.6	3.3821	7.2296	403.24	1.7256	2.3369
25 850	6566.1	3.3554	7.1727	403.29	1.7122	2.3554
25 900	6567.7	3.3290	7.1163	403.33	1.6989	2.3741
25 950	6569.3	3.3027	7.0603	403.38	1.6857	2.3929
26 000	6570.9	3.2767 –1	7.0048 +23	403.42	1.6727 +8	2.4119 –6
26 050	6572.5	3.2509	6.9497	403.47	1.6597	2.4310
26 100	6574.0	3.2253	6.8950	403.52	1.6468	2.4503
26 150	6575.6	3.1999	6.8408	403.56	1.6341	2.4697
26 200	6577.2	3.1747	6.7871	403.61	1.6214	2.4892
26 250	6578.8	3.1497	6.7337	403.65	1.6088	2.5090
26 300	6580.4	3.1249	6.6808	403.70	1.5964	2.5288
26 350	6581.9	3.1003	6.6284	403.74	1.5840	2.5488
26 400	6583.5	3.0759	6.5763	403.79	1.5718	2.5690
26 450	6585.1	3.0517	6.5247	403.83	1.5596	2.5893
26 500	6586.7	3.0277 –1	6.4735 +23	403.88	1.5475 +8	2.6098 –6
26 550	6588.3	3.0039	6.4227	403.92	1.5356	2.6305
26 600	6589.8	2.9803	6.3723	403.97	1.5237	2.6513
26 650	6591.4	2.9569	6.3223	404.01	1.5119	2.6722
26 700	6593.0	2.9336	6.2727	404.06	1.5002	2.6933
26 750	6594.6	2.9106	6.2236	404.10	1.4886	2.7146
26 800	6596.2	2.8877	6.1748	404.15	1.4771	2.7361
26 850	6597.7	2.8650	6.1264	404.19	1.4657	2.7577
26 900	6599.3	2.8426	6.0784	404.24	1.4544	2.7795
26 950	6600.9	2.8202	6.0308	404.28	1.4431	2.8014
27 000	6602.5	2.7981 –1	5.9835 +23	404.33	1.4320 +8	2.8235 –6
27 050	6604.1	2.7762	5.9367	404.37	1.4210	2.8458
27 100	6605.6	2.7544	5.8902	404.42	1.4100	2.8683
27 150	6607.2	2.7328	5.8441	404.47	1.3991	2.8909
27 200	6608.8	2.7114	5.7984	404.51	1.3883	2.9137
27 250	6610.4	2.6901	5.7530	404.56	1.3776	2.9366
27 300	6612.0	2.6690	5.7081	404.60	1.3670	2.9598
27 350	6613.5	2.6481	5.6634	404.65	1.3565	2.9831
27 400	6615.1	2.6274	5.6191	404.69	1.3460	3.0066
27 450	6616.7	2.6068	5.5752	404.74	1.3356	3.0303
27 500	6618.3	2.5864 –1	5.5317 +23	404.78	1.3253 +8	3.0542 –6
27 550	6619.9	2.5661	5.4884	404.83	1.3151	3.0782
27 600	6621.5	2.5461	5.4456	404.87	1.3050	3.1024
27 650	6623.0	2.5261	5.4031	404.92	1.2950	3.1269
27 700	6624.6	2.5064	5.3609	404.96	1.2850	3.1515
27 750	6626.2	2.4868	5.3190	405.01	1.2751	3.1763
27 800	6627.8	2.4673	5.2775	405.05	1.2653	3.2012
27 850	6629.4	2.4480	5.2364	405.10	1.2556	3.2264
27 900	6630.9	2.4289	5.1955	405.14	1.2459	3.2518
27 950	6632.5	2.4099	5.1550	405.19	1.2363	3.2773

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
28 000	6630.2	2.4376 –1	5.2141 +23	405.12	1.2503 +8	3.2402 –6
28 050	6631.8	2.4187	5.1738	405.17	1.2408	3.2654
28 100	6633.4	2.4000	5.1338	405.21	1.2313	3.2909
28 150	6634.9	2.3814	5.0941	405.26	1.2219	3.3165
28 200	6636.5	2.3630	5.0548	405.30	1.2126	3.3423
28 250	6638.1	2.3447	5.0157	405.35	1.2034	3.3683
28 300	6639.6	2.3266	4.9770	405.39	1.1942	3.3945
28 350	6641.2	2.3086	4.9386	405.43	1.1851	3.4210
28 400	6642.8	2.2907	4.9005	405.48	1.1761	3.4476
28 450	6644.3	2.2730	4.8626	405.52	1.1672	3.4744
28 500	6645.9	2.2554 –1	4.8251 +23	405.57	1.1583 +8	3.5014 –6
28 550	6647.5	2.2380	4.7879	405.61	1.1495	3.5286
28 600	6649.0	2.2207	4.7510	405.66	1.1408	3.5560
28 650	6650.6	2.2035	4.7144	405.70	1.1321	3.5837
28 700	6652.2	2.1865	4.6780	405.75	1.1235	3.6115
28 750	6653.7	2.1696	4.6420	405.79	1.1150	3.6395
28 800	6655.3	2.1529	4.6062	405.84	1.1065	3.6678
28 850	6656.9	2.1363	4.5707	405.88	1.0981	3.6963
28 900	6658.4	2.1198	4.5355	405.93	1.0898	3.7249
28 950	6660.0	2.1034	4.5006	405.97	1.0815	3.7538
29 000	6661.6	2.0872 –1	4.4660 +23	406.01	1.0733 +8	3.7830 –6
29 050	6663.1	2.0711	4.4316	406.06	1.0651	3.8123
29 100	6664.7	2.0552	4.3975	406.10	1.0571	3.8418
29 150	6666.3	2.0393	4.3637	406.15	1.0490	3.8716
29 200	6667.8	2.0236	4.3302	406.19	1.0411	3.9016
29 250	6669.4	2.0080	4.2969	406.24	1.0332	3.9318
29 300	6671.0	1.9926	4.2638	406.28	1.0254	3.9623
29 350	6672.5	1.9772	4.2311	406.33	1.0176	3.9930
29 400	6674.1	1.9620	4.1986	406.37	1.0099	4.0239
29 450	6675.7	1.9469	4.1663	406.42	1.0022	4.0550
29 500	6677.3	1.9319 –1	4.1343 +23	406.46	9.9466 +7	4.0864 –6
29 550	6678.8	1.9171	4.1026	406.51	9.8713	4.1180
29 600	6680.4	1.9023	4.0711	406.55	9.7966	4.1499
29 650	6682.0	1.8877	4.0399	406.59	9.7225	4.1820
29 700	6683.5	1.8732	4.0089	406.64	9.6490	4.2143
29 750	6685.1	1.8588	3.9781	406.68	9.5761	4.2469
29 800	6686.7	1.8445	3.9476	406.73	9.5037	4.2797
29 850	6688.2	1.8303	3.9174	406.77	9.4319	4.3128
29 900	6689.8	1.8163	3.8873	406.82	9.3606	4.3461
29 950	6691.4	1.8023	3.8576	406.86	9.2899	4.3796
30 000	6692.9	1.7885 –1	3.8280 +23	406.91	9.2197 +7	4.4134 –6
30 050	6694.5	1.7748	3.7987	406.95	9.1501	4.4475
30 100	6696.1	1.7611	3.7696	406.99	9.0810	4.4818
30 150	6697.6	1.7476	3.7407	407.04	9.0125	4.5164
30 200	6699.2	1.7342	3.7121	407.08	8.9445	4.5512
30 250	6700.8	1.7209	3.6837	407.13	8.8770	4.5863
30 300	6702.3	1.7077	3.6555	407.17	8.8101	4.6217
30 350	6703.9	1.6947	3.6276	407.22	8.7437	4.6573
30 400	6705.5	1.6817	3.5998	407.26	8.6777	4.6932
30 450	6707.0	1.6688	3.5723	407.31	8.6123	4.7293
30 500	6708.6	1.6560 –1	3.5450 +23	407.35	8.5475 +7	4.7657 –6
30 550	6710.2	1.6433	3.5179	407.39	8.4831	4.8024
30 600	6711.8	1.6308	3.4911	407.44	8.4192	4.8394
30 650	6713.3	1.6183	3.4644	407.48	8.3558	4.8767
30 700	6714.9	1.6059	3.4379	407.53	8.2929	4.9142
30 750	6716.5	1.5936	3.4117	407.57	8.2305	4.9520
30 800	6718.0	1.5814	3.3857	407.62	8.1686	4.9901
30 850	6719.6	1.5693	3.3598	407.66	8.1071	5.0284
30 900	6721.2	1.5573	3.3342	407.71	8.0461	5.0671
30 950	6722.7	1.5454	3.3088	407.75	7.9856	5.1060

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
28 000	6634.1	2.3911 –1	5.1148 +23	405.23	1.2268 +8	3.3031 –6
28 050	6635.7	2.3724	5.0749	405.28	1.2174	3.3290
28 100	6637.3	2.3539	5.0354	405.32	1.2080	3.3552
28 150	6638.8	2.3355	4.9962	405.37	1.1988	3.3815
28 200	6640.4	2.3173	4.9572	405.41	1.1896	3.4081
28 250	6642.0	2.2992	4.9186	405.46	1.1804	3.4348
28 300	6643.6	2.2813	4.8803	405.50	1.1714	3.4618
28 350	6645.2	2.2635	4.8423	405.55	1.1624	3.4889
28 400	6646.8	2.2458	4.8047	405.59	1.1535	3.5163
28 450	6648.3	2.2283	4.7673	405.64	1.1446	3.5439
28 500	6649.9	2.2109 –1	4.7302 +23	405.68	1.1358 +8	3.5717 –6
28 550	6651.5	2.1937	4.6934	405.73	1.1271	3.5997
28 600	6653.1	2.1766	4.6569	405.77	1.1185	3.6279
28 650	6654.7	2.1597	4.6207	405.82	1.1099	3.6563
28 700	6656.2	2.1429	4.5848	405.86	1.1014	3.6849
28 750	6657.8	2.1262	4.5492	405.91	1.0930	3.7138
28 800	6659.4	2.1096	4.5138	405.95	1.0846	3.7429
28 850	6661.0	2.0932	4.4788	406.00	1.0763	3.7722
28 900	6662.6	2.0769	4.4440	406.04	1.0681	3.8017
28 950	6664.2	2.0608	4.4095	406.09	1.0599	3.8314
29 000	6665.7	2.0447 –1	4.3752 +23	406.13	1.0518 +8	3.8614 –6
29 050	6667.3	2.0288	4.3413	406.18	1.0437	3.8916
29 100	6668.9	2.0130	4.3076	406.22	1.0357	3.9221
29 150	6670.5	1.9974	4.2742	406.27	1.0278	3.9527
29 200	6672.1	1.9819	4.2410	406.31	1.0200	3.9836
29 250	6673.7	1.9665	4.2082	406.36	1.0122	4.0147
29 300	6675.2	1.9512	4.1755	406.40	1.0044	4.0461
29 350	6676.8	1.9361	4.1432	406.45	9.9676 +7	4.0777
29 400	6678.4	1.9210	4.1111	406.49	9.8914	4.1095
29 450	6680.0	1.9061	4.0792	406.54	9.8159	4.1416
29 500	6681.6	1.8913 –1	4.0476 +23	406.58	9.7410 +7	4.1740 –6
29 550	6683.1	1.8766	4.0163	406.63	9.6666	4.2065
29 600	6684.7	1.8621	3.9852	406.67	9.5928	4.2393
29 650	6686.3	1.8476	3.9544	406.72	9.5196	4.2724
29 700	6687.9	1.8333	3.9238	406.76	9.4470	4.3057
29 750	6689.5	1.8191	3.8934	406.81	9.3750	4.3393
29 800	6691.1	1.8050	3.8633	406.85	9.3035	4.3731
29 850	6692.6	1.7910	3.8334	406.90	9.2325	4.4072
29 900	6694.2	1.7771	3.8038	406.94	9.1622	4.4416
29 950	6695.8	1.7634	3.7744	406.99	9.0924	4.4762
30 000	6697.4	1.7497 –1	3.7452 +23	407.03	9.0231 +7	4.5110 –6
30 050	6699.0	1.7362	3.7163	407.08	8.9544	4.5461
30 100	6700.6	1.7227	3.6876	407.12	8.8862	4.5815
30 150	6702.1	1.7094	3.6591	407.17	8.8185	4.6172
30 200	6703.7	1.6962	3.6308	407.21	8.7514	4.6531
30 250	6705.3	1.6831	3.6028	407.26	8.6848	4.6893
30 300	6706.9	1.6700	3.5750	407.30	8.6187	4.7258
30 350	6708.5	1.6571	3.5474	407.35	8.5531	4.7625
30 400	6710.1	1.6443	3.5200	407.39	8.4881	4.7996
30 450	6711.6	1.6316	3.4929	407.44	8.4236	4.8369
30 500	6713.2	1.6190 –1	3.4660 +23	407.48	8.3595 +7	4.8745 –6
30 550	6714.8	1.6065	3.4392	407.53	8.2960	4.9123
30 600	6716.4	1.5941	3.4127	407.57	8.2330	4.9505
30 650	6718.0	1.5818	3.3864	407.62	8.1704	4.9889
30 700	6719.6	1.5696	3.3603	407.66	8.1084	5.0277
30 750	6721.2	1.5575	3.3345	407.71	8.0468	5.0667
30 800	6722.7	1.5454	3.3088	407.75	7.9857	5.1060
30 850	6724.3	1.5335	3.2833	407.79	7.9251	5.1456
30 900	6725.9	1.5217	3.2580	407.84	7.8649	5.1855
30 950	6727.5	1.5100	3.2330	407.88	7.8053	5.2258

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
31 000	6724.3	1.5336 –1	3.2835 +23	407.79	7.9256 +7	5.1453 –6
31 050	6725.9	1.5219	3.2585	407.84	7.8661	5.1848
31 100	6727.4	1.5103	3.2337	407.88	7.8070	5.2246
31 150	6729.0	1.4988	3.2090	407.93	7.7483	5.2647
31 200	6730.6	1.4873	3.1846	407.97	7.6901	5.3051
31 250	6732.1	1.4760	3.1603	408.02	7.6324	5.3459
31 300	6733.7	1.4647	3.1363	408.06	7.5751	5.3869
31 350	6735.3	1.4535	3.1124	408.10	7.5182	5.4282
31 400	6736.9	1.4424	3.0887	408.15	7.4618	5.4698
31 450	6738.4	1.4314	3.0652	408.19	7.4059	5.5118
31 500	6740.0	1.4205 –1	3.0419 +23	408.24	7.3503 +7	5.5540 –6
31 550	6741.6	1.4097	3.0187	408.28	7.2952	5.5966
31 600	6743.1	1.3990	2.9958	408.33	7.2405	5.6395
31 650	6744.7	1.3883	2.9730	408.37	7.1863	5.6827
31 700	6746.3	1.3777	2.9504	408.42	7.1324	5.7262
31 750	6747.8	1.3672	2.9280	408.46	7.0790	5.7700
31 800	6749.4	1.3568	2.9058	408.50	7.0260	5.8142
31 850	6751.0	1.3465	2.8837	408.55	6.9734	5.8587
31 900	6752.5	1.3363	2.8618	408.59	6.9212	5.9035
31 950	6754.1	1.3261	2.8401	408.64	6.8694	5.9487
32 000	6755.7	1.3160 –1	2.8185 +23	408.68	6.8180 +7	5.9942 –6
32 100	6758.8	1.2961	2.7759	408.77	6.7164	6.0862
32 200	6764.0	1.2761	2.7332	408.92	6.6153	6.1814
32 300	6772.4	1.2558	2.6898	409.17	6.5144	6.2810
32 400	6780.8	1.2359	2.6472	409.41	6.4151	6.3821
32 500	6789.2	1.2163	2.6053	409.66	6.3174	6.4847
32 600	6797.6	1.1970	2.5642	409.91	6.2213	6.5888
32 700	6806.0	1.1781	2.5237	410.16	6.1268	6.6944
32 800	6814.4	1.1595	2.4839	410.40	6.0339	6.8016
32 900	6822.8	1.1412	2.4448	410.65	5.9425	6.9104
33 000	6831.2	1.1232 –1	2.4064 +23	410.90	5.8525 +7	7.0208 –6
33 100	6839.6	1.1056	2.3686	411.14	5.7641	7.1328
33 200	6848.1	1.0882	2.3314	411.39	5.6771	7.2465
33 300	6856.5	1.0711	2.2949	411.63	5.5915	7.3618
33 400	6864.9	1.0543	2.2590	411.88	5.5073	7.4788
33 500	6873.3	1.0378	2.2237	412.13	5.4245	7.5976
33 600	6881.7	1.0216	2.1890	412.37	5.3430	7.7180
33 700	6890.1	1.0056	2.1549	412.62	5.2628	7.8402
33 800	6898.5	9.8992 –2	2.1213	412.86	5.1839	7.9643
33 900	6906.9	9.7450	2.0883	413.11	5.1063	8.0901
34 000	6915.4	9.5933 –2	2.0559 +23	413.35	5.0300 +7	8.2177 –6
34 100	6923.8	9.4442	2.0240	413.60	4.9549	8.3472
34 200	6932.2	9.2975	1.9926	413.84	4.8810	8.4786
34 300	6940.6	9.1533	1.9618	414.09	4.8083	8.6119
34 400	6949.0	9.0116	1.9315	414.33	4.7368	8.7471
34 500	6957.4	8.8721	1.9016	414.58	4.6664	8.8843
34 600	6965.8	8.7350	1.8723	414.82	4.5971	9.0235
34 700	6974.2	8.6002	1.8435	415.06	4.5290	9.1646
34 800	6982.7	8.4677	1.8151	415.31	4.4619	9.3078
34 900	6991.1	8.3373	1.7872	415.55	4.3959	9.4531
35 000	6999.5	8.2091 –2	1.7598 +23	415.79	4.3310 +7	9.6004 –6
35 100	7007.9	8.0830	1.7328	416.04	4.2671	9.7499
35 200	7016.3	7.9589	1.7063	416.28	4.2042	9.9015
35 300	7024.7	7.8370	1.6802	416.52	4.1423	1.0055 –5
35 400	7033.1	7.7170	1.6545	416.77	4.0814	1.0211
35 500	7041.6	7.5991	1.6293	417.01	4.0215	1.0369
35 600	7050.0	7.4830	1.6044	417.25	3.9625	1.0530
35 700	7058.4	7.3689	1.5800	417.49	3.9045	1.0693
35 800	7066.8	7.2566	1.5560	417.74	3.8474	1.0858
35 900	7075.2	7.1462	1.5324	417.98	3.7911	1.1025

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
31 000	6729.1	1.4983 –1	3.2081 +23	407.93	7.7461 +7	5.2663 –6
31 050	6730.7	1.4868	3.1834	407.97	7.6873	5.3071
31 100	6732.2	1.4753	3.1589	408.02	7.6290	5.3482
31 150	6733.8	1.4639	3.1346	408.06	7.5712	5.3897
31 200	6735.4	1.4527	3.1105	408.11	7.5138	5.4314
31 250	6737.0	1.4415	3.0866	408.15	7.4569	5.4735
31 300	6738.6	1.4304	3.0629	408.20	7.4004	5.5159
31 350	6740.2	1.4194	3.0394	408.24	7.3444	5.5586
31 400	6741.7	1.4084	3.0160	408.29	7.2888	5.6016
31 450	6743.3	1.3976	2.9929	408.33	7.2336	5.6450
31 500	6744.9	1.3869 –1	2.9699 +23	408.38	7.1788 +7	5.6886 –6
31 550	6746.5	1.3762	2.9471	408.42	7.1245	5.7326
31 600	6748.1	1.3656	2.9245	408.47	7.0706	5.7770
31 650	6749.7	1.3551	2.9020	408.51	7.0171	5.8216
31 700	6751.3	1.3447	2.8798	408.56	6.9641	5.8666
31 750	6752.8	1.3344	2.8577	408.60	6.9114	5.9120
31 800	6754.4	1.3241	2.8358	408.65	6.8592	5.9577
31 850	6756.0	1.3139	2.8141	408.69	6.8073	6.0037
31 900	6757.6	1.3038	2.7925	408.73	6.7559	6.0500
31 950	6759.2	1.2938	2.7711	408.78	6.7049	6.0968
32 000	6760.8	1.2839 –1	2.7499 +23	408.82	6.6542 +7	6.1438 –6
32 100	6769.3	1.2633	2.7058	409.07	6.5516	6.2439
32 200	6777.8	1.2430	2.6625	409.32	6.4507	6.3455
32 300	6786.2	1.2231	2.6199	409.57	6.3514	6.4486
32 400	6794.7	1.2035	2.5781	409.82	6.2538	6.5532
32 500	6803.2	1.1843	2.5370	410.07	6.1578	6.6594
32 600	6811.7	1.1654	2.4966	410.32	6.0634	6.7672
32 700	6820.2	1.1468	2.4568	410.57	5.9706	6.8766
32 800	6828.7	1.1286	2.4178	410.82	5.8793	6.9877
32 900	6837.2	1.1106	2.3794	411.07	5.7894	7.1003
33 000	6845.7	1.0930 –1	2.3417 +23	411.32	5.7011 +7	7.2147 –6
33 100	6854.2	1.0756	2.3046	411.57	5.6142	7.3308
33 200	6862.7	1.0586	2.2682	411.82	5.5288	7.4486
33 300	6871.2	1.0418	2.2323	412.07	5.4447	7.5681
33 400	6879.7	1.0254	2.1971	412.31	5.3621	7.6895
33 500	6888.2	1.0092	2.1625	412.56	5.2807	7.8126
33 600	6896.7	9.9327 –2	2.1285	412.81	5.2008	7.9375
33 700	6905.2	9.7762	2.0950	413.06	5.1221	8.0643
33 800	6913.7	9.6224	2.0621	413.31	5.0447	8.1929
33 900	6922.2	9.4712	2.0298	413.55	4.9685	8.3235
34 000	6930.7	9.3225 –2	1.9980 +23	413.80	4.8936 +7	8.4559 –6
34 100	6939.2	9.1764	1.9667	414.05	4.8199	8.5903
34 200	6947.7	9.0327	1.9360	414.29	4.7474	8.7267
34 300	6956.2	8.8914	1.9058	414.54	4.6761	8.8651
34 400	6964.8	8.7525	1.8760	414.79	4.6059	9.0055
34 500	6973.3	8.6159	1.8468	415.03	4.5369	9.1480
34 600	6981.8	8.4816	1.8181	415.28	4.4690	9.2925
34 700	6990.3	8.3496	1.7899	415.53	4.4022	9.4391
34 800	6998.8	8.2198	1.7621	415.77	4.3364	9.5879
34 900	7007.3	8.0921	1.7348	416.02	4.2718	9.7389
35 000	7015.8	7.9666 –2	1.7079 +23	416.27	4.2081 +7	9.8920 –6
35 100	7024.3	7.8432	1.6815	416.51	4.1455	1.0047 –5
35 200	7032.8	7.7218	1.6555	416.76	4.0839	1.0205
35 300	7041.3	7.6024	1.6300	417.00	4.0232	1.0365
35 400	7049.8	7.4850	1.6049	417.25	3.9636	1.0527
35 500	7058.3	7.3696	1.5802	417.49	3.9049	1.0692
35 600	7066.9	7.2561	1.5559	417.74	3.8471	1.0859
35 700	7075.4	7.1444	1.5320	417.98	3.7902	1.1028
35 800	7083.9	7.0346	1.5085	418.23	3.7343	1.1200
35 900	7092.4	6.9267	1.4854	418.47	3.6792	1.1374

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
36 000	7083.6	7.0376 –2	1.5091 +23	418.22	3.7358 +7	1.1195 –5
36 100	7092.1	6.9308	1.4863	418.46	3.6813	1.1367
36 200	7100.5	6.8257	1.4638	418.71	3.6277	1.1542
36 300	7108.9	6.7223	1.4417	418.95	3.5750	1.1719
36 400	7117.3	6.6206	1.4199	419.19	3.5230	1.1899
36 500	7125.7	6.5206	1.3985	419.43	3.4719	1.2081
36 600	7134.2	6.4222	1.3774	419.67	3.4216	1.2265
36 700	7142.6	6.3254	1.3567	419.91	3.3720	1.2453
36 800	7151.0	6.2302	1.3363	420.15	3.3233	1.2643
36 900	7159.4	6.1365	1.3163	420.39	3.2753	1.2835
37 000	7167.8	6.0443 –2	1.2965 +23	420.63	3.2280 +7	1.3031 –5
37 100	7176.3	5.9536	1.2771	420.87	3.1815	1.3229
37 200	7184.7	5.8644	1.2580	421.11	3.1357	1.3430
37 300	7193.1	5.7766	1.2392	421.35	3.0907	1.3633
37 400	7201.5	5.6903	1.2207	421.59	3.0463	1.3840
37 500	7209.9	5.6053	1.2025	421.83	3.0026	1.4049
37 600	7218.4	5.5217	1.1846	422.07	2.9596	1.4261
37 700	7226.8	5.4394	1.1670	422.31	2.9172	1.4477
37 800	7235.2	5.3584	1.1497	422.55	2.8755	1.4695
37 900	7243.6	5.2788	1.1326	422.79	2.8345	1.4916
38 000	7252.1	5.2004 –2	1.1159 +23	423.03	2.7940 +7	1.5140 –5
38 100	7260.5	5.1233	1.0993	423.27	2.7543	1.5368
38 200	7268.9	5.0474	1.0831	423.51	2.7151	1.5598
38 300	7277.3	4.9727	1.0671	423.75	2.6765	1.5832
38 400	7285.7	4.8992	1.0514	423.99	2.6385	1.6069
38 500	7294.2	4.8269	1.0359	424.22	2.6011	1.6310
38 600	7302.6	4.7557	1.0206	424.46	2.5642	1.6553
38 700	7311.0	4.6857	1.0056	424.70	2.5280	1.6800
38 800	7319.4	4.6167	9.9087 +22	424.94	2.4923	1.7050
38 900	7327.9	4.5489	9.7634	425.18	2.4571	1.7304
39 000	7336.3	4.4821 –2	9.6203 +22	425.41	2.4224 +7	1.7561 –5
39 100	7344.7	4.4164	9.4796	425.65	2.3883	1.7822
39 200	7353.1	4.3517	9.3410	425.89	2.3547	1.8086
39 300	7361.6	4.2880	9.2047	426.13	2.3217	1.8354
39 400	7370.0	4.2254	9.0705	426.36	2.2891	1.8626
39 500	7378.4	4.1637	8.9383	426.60	2.2570	1.8901
39 600	7386.9	4.1030	8.8083	426.84	2.2254	1.9180
39 700	7395.3	4.0433	8.6803	427.07	2.1943	1.9463
39 800	7403.7	3.9844	8.5543	427.31	2.1636	1.9750
39 900	7412.1	3.9265	8.4303	427.55	2.1334	2.0040
40 000	7420.6	3.8696 –2	8.3082 +22	427.78	2.1037 +7	2.0335 –5
40 100	7429.0	3.8135	8.1880	428.02	2.0744	2.0633
40 200	7437.4	3.7582	8.0697	428.26	2.0455	2.0936
40 300	7445.8	3.7039	7.9532	428.49	2.0171	2.1243
40 400	7454.3	3.6504	7.8385	428.73	1.9891	2.1553
40 500	7462.7	3.5977	7.7256	428.96	1.9616	2.1868
40 600	7471.1	3.5458	7.6145	429.20	1.9344	2.2187
40 700	7479.6	3.4947	7.5051	429.43	1.9077	2.2511
40 800	7488.0	3.4445	7.3974	429.67	1.8813	2.2839
40 900	7496.4	3.3950	7.2913	429.90	1.8554	2.3171
41 000	7504.9	3.3463 –2	7.1869 +22	430.14	1.8298 +7	2.3508 –5
41 100	7513.3	3.2983	7.0841	430.37	1.8046	2.3849
41 200	7521.7	3.2511	6.9828	430.61	1.7798	2.4195
41 300	7530.1	3.2045	6.8832	430.84	1.7553	2.4545
41 400	7538.6	3.1588	6.7850	431.08	1.7312	2.4900
41 500	7547.0	3.1137	6.6884	431.31	1.7075	2.5260
41 600	7555.4	3.0693	6.5932	431.55	1.6841	2.5624
41 700	7563.9	3.0256	6.4996	431.78	1.6611	2.5994
41 800	7572.3	2.9825	6.4073	432.01	1.6384	2.6368
41 900	7580.7	2.9402	6.3164	432.25	1.6161	2.6747

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
36 000	7100.9	6.8205 –2	1.4627 +23	418.72	3.6251 +7	1.1551 –5
36 100	7109.4	6.7160	1.4403	418.96	3.5717	1.1730
36 200	7117.9	6.6133	1.4183	419.21	3.5193	1.1912
36 300	7126.5	6.5122	1.3967	419.45	3.4676	1.2096
36 400	7135.0	6.4128	1.3754	419.69	3.4168	1.2283
36 500	7143.5	6.3151	1.3545	419.94	3.3667	1.2473
36 600	7152.0	6.2189	1.3339	420.18	3.3175	1.2666
36 700	7160.5	6.1243	1.3137	420.42	3.2690	1.2861
36 800	7169.0	6.0313	1.2937	420.67	3.2213	1.3059
36 900	7177.6	5.9397	1.2742	420.91	3.1744	1.3260
37 000	7186.1	5.8497 –2	1.2549 +23	421.15	3.1282 +7	1.3463 –5
37 100	7194.6	5.7611	1.2359	421.40	3.0827	1.3670
37 200	7203.1	5.6740	1.2173	421.64	3.0379	1.3879
37 300	7211.6	5.5883	1.1989	421.88	2.9939	1.4092
37 400	7220.2	5.5040	1.1809	422.13	2.9505	1.4307
37 500	7228.7	5.4210	1.1631	422.37	2.9078	1.4526
37 600	7237.2	5.3394	1.1456	422.61	2.8657	1.4747
37 700	7245.7	5.2591	1.1284	422.85	2.8243	1.4972
37 800	7254.3	5.1801	1.1115	423.09	2.7836	1.5200
37 900	7262.8	5.1024	1.0949	423.34	2.7435	1.5431
38 000	7271.3	5.0260 –2	1.0785 +23	423.58	2.7040 +7	1.5665 –5
38 100	7279.8	4.9507	1.0624	423.82	2.6651	1.5902
38 200	7288.4	4.8767	1.0465	424.06	2.6269	1.6143
38 300	7296.9	4.8039	1.0309	424.30	2.5892	1.6388
38 400	7305.4	4.7322	1.0156	424.54	2.5521	1.6635
38 500	7313.9	4.6617	1.0005	424.78	2.5156	1.6886
38 600	7322.5	4.5923	9.8563 +22	425.02	2.4796	1.7141
38 700	7331.0	4.5240	9.7101	425.26	2.4442	1.7399
38 800	7339.5	4.4568	9.5662	425.51	2.4093	1.7661
38 900	7348.0	4.3907	9.4246	425.75	2.3750	1.7926
39 000	7356.6	4.3256 –2	9.2852 +22	425.99	2.3412 +7	1.8195 –5
39 100	7365.1	4.2616	9.1481	426.23	2.3079	1.8468
39 200	7373.6	4.1986	9.0131	426.47	2.2751	1.8745
39 300	7382.2	4.1366	8.8802	426.71	2.2429	1.9025
39 400	7390.7	4.0756	8.7495	426.95	2.2111	1.9309
39 500	7399.2	4.0155	8.6209	427.19	2.1798	1.9597
39 600	7407.8	3.9564	8.4942	427.43	2.1490	1.9890
39 700	7416.3	3.8982	8.3696	427.66	2.1186	2.0186
39 800	7424.8	3.8410	8.2469	427.90	2.0888	2.0486
39 900	7433.4	3.7846	8.1262	428.14	2.0593	2.0790
40 000	7441.9	3.7291 –2	8.0074 +22	428.38	2.0303 +7	2.1099 –5
40 100	7450.4	3.6746	7.8904	428.62	2.0018	2.1412
40 200	7459.0	3.6208	7.7753	428.86	1.9737	2.1729
40 300	7467.5	3.5679	7.6619	429.10	1.9460	2.2050
40 400	7476.1	3.5159	7.5504	429.34	1.9187	2.2376
40 500	7484.6	3.4646	7.4406	429.57	1.8919	2.2706
40 600	7493.1	3.4142	7.3325	429.81	1.8654	2.3041
40 700	7501.7	3.3646	7.2261	430.05	1.8394	2.3380
40 800	7510.2	3.3157	7.1213	430.29	1.8137	2.3724
40 900	7518.8	3.2676	7.0182	430.53	1.7885	2.4073
41 000	7527.3	3.2202 –2	6.9167 +22	430.76	1.7636 +7	2.4426 –5
41 100	7535.8	3.1736	6.8168	431.00	1.7390	2.4784
41 200	7544.4	3.1277	6.7184	431.24	1.7149	2.5147
41 300	7552.9	3.0825	6.6216	431.48	1.6911	2.5515
41 400	7561.5	3.0380	6.5262	431.71	1.6677	2.5887
41 500	7570.0	2.9942	6.4323	431.95	1.6446	2.6265
41 600	7578.5	2.9511	6.3399	432.19	1.6218	2.6648
41 700	7587.1	2.9086	6.2489	432.42	1.5994	2.7036
41 800	7595.6	2.8668	6.1593	432.66	1.5774	2.7429
41 900	7604.2	2.8257	6.0711	432.90	1.5556	2.7828

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
42 000	7589.2	2.8984 –2	6.2270 +22	432.48	1.5940 +7	2.7131 –5
42 100	7597.6	2.8573	6.1389	432.71	1.5723	2.7521
42 200	7606.0	2.8169	6.0521	432.95	1.5509	2.7915
42 300	7614.5	2.7770	5.9667	433.18	1.5299	2.8315
42 400	7622.9	2.7378	5.8826	433.41	1.5091	2.8720
42 500	7631.3	2.6991	5.7997	433.65	1.4887	2.9130
42 600	7639.8	2.6611	5.7181	433.88	1.4685	2.9546
42 700	7648.2	2.6236	5.6377	434.11	1.4486	2.9967
42 800	7656.6	2.5867	5.5586	434.35	1.4291	3.0394
42 900	7665.1	2.5503	5.4806	434.58	1.4098	3.0826
43 000	7673.5	2.5145 –2	5.4039 +22	434.81	1.3908 +7	3.1264 –5
43 100	7682.0	2.4792	5.3282	435.04	1.3720	3.1708
43 200	7690.4	2.4445	5.2538	435.27	1.3536	3.2157
43 300	7698.8	2.4103	5.1804	435.51	1.3354	3.2613
43 400	7707.3	2.3766	5.1081	435.74	1.3175	3.3074
43 500	7715.7	2.3434	5.0370	435.97	1.2998	3.3541
43 600	7724.1	2.3107	4.9669	436.20	1.2824	3.4015
43 700	7732.6	2.2785	4.8978	436.43	1.2652	3.4494
43 800	7741.0	2.2468	4.8298	436.66	1.2483	3.4980
43 900	7749.4	2.2156	4.7628	436.89	1.2317	3.5472
44 000	7757.9	2.1848 –2	4.6968 +22	437.13	1.2152 +7	3.5971 –5
44 100	7766.3	2.1545	4.6318	437.36	1.1990	3.6475
44 200	7774.8	2.1246	4.5677	437.59	1.1831	3.6987
44 300	7783.2	2.0952	4.5047	437.82	1.1674	3.7505
44 400	7791.6	2.0663	4.4425	438.05	1.1519	3.8030
44 500	7800.1	2.0377	4.3813	438.28	1.1366	3.8561
44 600	7808.5	2.0096	4.3210	438.51	1.1215	3.9099
44 700	7817.0	1.9819	4.2615	438.74	1.1067	3.9645
44 800	7825.4	1.9546	4.2030	438.97	1.0920	4.0197
44 900	7833.8	1.9277	4.1453	439.20	1.0776	4.0756
45 000	7842.3	1.9012 –2	4.0885 +22	439.43	1.0634 +7	4.1323 –5
45 100	7850.7	1.8751	4.0325	439.66	1.0494	4.1896
45 200	7859.2	1.8494	3.9773	439.89	1.0356	4.2478
45 300	7867.6	1.8241	3.9230	440.12	1.0220	4.3066
45 400	7876.0	1.7991	3.8694	440.35	1.0085	4.3662
45 500	7884.5	1.7746	3.8166	440.57	9.9530 +6	4.4266
45 600	7892.9	1.7503	3.7647	440.80	9.8225	4.4877
45 700	7901.4	1.7265	3.7134	441.03	9.6939	4.5496
45 800	7909.8	1.7029	3.6630	441.26	9.5671	4.6123
45 900	7918.3	1.6798	3.6132	441.49	9.4420	4.6758
46 000	7926.7	1.6569 –2	3.5642 +22	441.72	9.3188 +6	4.7401 –5
46 100	7935.1	1.6344	3.5159	441.95	9.1973	4.8052
46 200	7943.6	1.6123	3.4683	442.17	9.0775	4.8711
46 300	7952.0	1.5904	3.4214	442.40	8.9593	4.9379
46 400	7960.5	1.5689	3.3752	442.63	8.8429	5.0055
46 500	7968.9	1.5477	3.3297	442.86	8.7281	5.0740
46 600	7977.4	1.5268	3.2848	443.09	8.6149	5.1433
46 700	7985.8	1.5061	3.2406	443.31	8.5032	5.2135
46 800	7994.3	1.4858	3.1970	443.54	8.3932	5.2846
46 900	8002.7	1.4658	3.1540	443.77	8.2846	5.3565
47 000	8011.2	1.4461 –2	3.1117 +22	444.00	8.1776 +6	5.4294 –5
47 100	8019.6	1.4267	3.0700	444.22	8.0721	5.5032
47 200	8028.0	1.4075	3.0289	444.45	7.9681	5.5779
47 300	8036.5	1.3887	2.9883	444.68	7.8655	5.6535
47 400	8040.9	1.3707	2.9499	444.79	7.7662	5.7272
47 500	8041.1	1.3538	2.9134	444.79	7.6703	5.7989
47 600	8041.4	1.3370	2.8774	444.79	7.5755	5.8715
47 700	8041.6	1.3204	2.8419	444.79	7.4818	5.9449
47 800	8041.9	1.3041	2.8067	444.79	7.3894	6.0193
47 900	8042.1	1.2879	2.7721	444.79	7.2981	6.0946

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
42 000	7612.7	2.7852 –2	5.9842 +22	433.13	1.5342 +7	2.8232 –5
42 100	7621.3	2.7453	5.8987	433.37	1.5131	2.8641
42 200	7629.8	2.7060	5.8145	433.61	1.4923	2.9056
42 300	7638.4	2.6673	5.7316	433.84	1.4718	2.9476
42 400	7646.9	2.6293	5.6499	434.08	1.4516	2.9902
42 500	7655.5	2.5918	5.5695	434.31	1.4318	3.0334
42 600	7664.0	2.5548	5.4904	434.55	1.4122	3.0771
42 700	7672.6	2.5185	5.4124	434.78	1.3929	3.1215
42 800	7681.1	2.4827	5.3356	435.02	1.3739	3.1664
42 900	7689.7	2.4474	5.2600	435.25	1.3551	3.2119
43 000	7698.2	2.4127 –2	5.1856 +22	435.49	1.3367 +7	3.2580 –5
43 100	7706.8	2.3785	5.1123	435.72	1.3185	3.3047
43 200	7715.3	2.3449	5.0401	435.96	1.3006	3.3521
43 300	7723.9	2.3117	4.9690	436.19	1.2829	3.4000
43 400	7732.4	2.2791	4.8990	436.43	1.2655	3.4486
43 500	7741.0	2.2469	4.8300	436.66	1.2484	3.4979
43 600	7749.5	2.2152	4.7621	436.90	1.2315	3.5478
43 700	7758.1	2.1841	4.6952	437.13	1.2148	3.5983
43 800	7766.7	2.1533	4.6293	437.37	1.1984	3.6495
43 900	7775.2	2.1231	4.5644	437.60	1.1823	3.7014
44 000	7783.8	2.0933 –2	4.5005 +22	437.83	1.1663 +7	3.7540 –5
44 100	7792.3	2.0639	4.4375	438.07	1.1506	3.8072
44 200	7800.9	2.0350	4.3755	438.30	1.1351	3.8612
44 300	7809.4	2.0066	4.3144	438.53	1.1199	3.9158
44 400	7818.0	1.9785	4.2543	438.77	1.1049	3.9712
44 500	7826.6	1.9509	4.1950	439.00	1.0901	4.0273
44 600	7835.1	1.9237	4.1366	439.23	1.0755	4.0842
44 700	7843.7	1.8969	4.0791	439.47	1.0611	4.1417
44 800	7852.2	1.8705	4.0225	439.70	1.0469	4.2000
44 900	7860.8	1.8445	3.9667	439.93	1.0329	4.2591
45 000	7869.4	1.8189 –2	3.9117 +22	440.16	1.0191 +7	4.3190 –5
45 100	7877.9	1.7936	3.8576	440.40	1.0056	4.3796
45 200	7886.5	1.7688	3.8043	440.63	9.9219 +6	4.4410
45 300	7895.1	1.7443	3.7517	440.86	9.7900	4.5032
45 400	7903.6	1.7202	3.6999	441.09	9.6600	4.5662
45 500	7912.2	1.6964	3.6489	441.33	9.5318	4.6300
45 600	7920.8	1.6730	3.5987	441.56	9.4055	4.6947
45 700	7929.3	1.6499	3.5492	441.79	9.2810	4.7601
45 800	7937.9	1.6272	3.5004	442.02	9.1583	4.8265
45 900	7946.5	1.6048	3.4524	442.25	9.0373	4.8936
46 000	7955.0	1.5828 –2	3.4050 +22	442.48	8.9180 +6	4.9617 –5
46 100	7963.6	1.5610	3.3584	442.71	8.8005	5.0306
46 200	7972.2	1.5396	3.3124	442.95	8.6846	5.1004
46 300	7980.7	1.5185	3.2672	443.18	8.5703	5.1711
46 400	7989.3	1.4977	3.2225	443.41	8.4577	5.2426
46 500	7997.9	1.4773	3.1786	443.64	8.3467	5.3152
46 600	8006.4	1.4571	3.1353	443.87	8.2372	5.3886
46 700	8015.0	1.4372	3.0926	444.10	8.1293	5.4630
46 800	8023.6	1.4176	3.0505	444.33	8.0229	5.5383
46 900	8032.2	1.3983	3.0091	444.56	7.9180	5.6145
47 000	8040.7	1.3793 –2	2.9683 +22	444.79	7.8146 +6	5.6918 –5
47 100	8041.0	1.3620	2.9310	444.79	7.7166	5.7641
47 200	8041.2	1.3448	2.8943	444.79	7.6198	5.8373
47 300	8041.5	1.3279	2.8580	444.79	7.5242	5.9115
47 400	8041.7	1.3112	2.8221	444.79	7.4298	5.9865
47 500	8042.0	1.2947	2.7867	444.79	7.3366	6.0626
47 600	8042.3	1.2785	2.7517	444.79	7.2446	6.1396
47 700	8042.5	1.2624	2.7172	444.79	7.1537	6.2176
47 800	8042.8	1.2465	2.6832	444.79	7.0640	6.2966
47 900	8043.0	1.2308	2.6495	444.79	6.9754	6.3766

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
48 000	8042.4	1.2720 –2	2.7378 +22	444.79	7.2079 +6	6.1709 –5
48 100	8042.6	1.2562	2.7040	444.79	7.1188	6.2481
48 200	8042.9	1.2406	2.6706	444.79	7.0308	6.3263
48 300	8043.1	1.2253	2.6376	444.79	6.9440	6.4054
48 400	8043.4	1.2101	2.6050	444.79	6.8582	6.4855
48 500	8043.6	1.1951	2.5728	444.79	6.7734	6.5667
48 600	8043.9	1.1803	2.5410	444.79	6.6898	6.6488
48 700	8044.1	1.1657	2.5096	444.79	6.6071	6.7320
48 800	8044.4	1.1512	2.4786	444.79	6.5255	6.8162
48 900	8044.6	1.1370	2.4480	444.79	6.4449	6.9015
49 000	8044.9	1.1229 –2	2.4177 +22	444.79	6.3652 +6	6.9878 –5
49 100	8045.1	1.1090	2.3879	444.79	6.2866	7.0752
49 200	8045.4	1.0953	2.3584	444.79	6.2090	7.1637
49 300	8045.6	1.0817	2.3292	444.79	6.1323	7.2533
49 400	8045.9	1.0683	2.3005	444.79	6.0565	7.3440
49 500	8046.1	1.0551	2.2721	444.79	5.9817	7.4358
49 600	8046.4	1.0420	2.2440	444.79	5.9078	7.5288
49 700	8046.6	1.0291	2.2163	444.79	5.8349	7.6230
49 800	8046.9	1.0164	2.1889	444.79	5.7628	7.7183
49 900	8047.1	1.0038	2.1619	444.79	5.6916	7.8148
50 000	8047.4	9.9136 –3	2.1352 +22	444.79	5.6213 +6	7.9125 –5
50 100	8047.6	9.7909	2.1088	444.79	5.5519	8.0115
50 200	8047.9	9.6697	2.0828	444.79	5.4834	8.1116
50 300	8048.1	9.5500	2.0570	444.79	5.4156	8.2131
50 400	8048.4	9.4318	2.0316	444.79	5.3488	8.3157
50 500	8048.6	9.3150	2.0066	444.79	5.2827	8.4197
50 600	8048.9	9.1997	1.9818	444.79	5.2175	8.5250
50 700	8049.1	9.0858	1.9573	444.79	5.1531	8.6315
50 800	8049.4	8.9734	1.9332	444.79	5.0895	8.7394
50 900	8049.6	8.8623	1.9093	444.79	5.0266	8.8487
51 000	8049.9	8.7526 –3	1.8857 +22	444.79	4.9646 +6	8.9593 –5
51 200	8050.4	8.5375	1.8394	444.79	4.8427	9.1847
51 400	8050.9	8.3273	1.7943	444.79	4.7239	9.4157
51 600	8036.0	8.1378	1.7536	444.37	4.6123	9.6343
51 800	8020.1	7.9533	1.7139	443.91	4.5034	9.8572
52 000	8004.2	7.7727	1.6751	443.46	4.3969	1.0086 –4
52 200	7988.4	7.5958	1.6371	443.00	4.2927	1.0320
52 400	7972.5	7.4225	1.5998	442.55	4.1907	1.0560
52 600	7956.5	7.2529	1.5634	442.09	4.0910	1.0806
52 800	7940.7	7.0869	1.5277	441.64	3.9935	1.1059
53 000	7924.8	6.9243 –3	1.4927 +22	441.18	3.8981 +6	1.1318 –4
53 200	7908.9	6.7651	1.4585	440.73	3.8048	1.1583
53 400	7893.0	6.6093	1.4250	440.27	3.7135	1.1856
53 600	7877.1	6.4568	1.3922	439.81	3.6243	1.2135
53 800	7861.2	6.3075	1.3601	439.35	3.5370	1.2422
54 000	7845.3	6.1613	1.3287	438.90	3.4517	1.2715
54 200	7829.4	6.0183	1.2979	438.44	3.3682	1.3017
54 400	7813.5	5.8783	1.2678	437.98	3.2866	1.3326
54 600	7797.6	5.7413	1.2383	437.52	3.2069	1.3643
54 800	7781.7	5.6072	1.2095	437.06	3.1289	1.3969
55 000	7765.8	5.4760 –3	1.1812 +22	436.60	3.0526 +6	1.4302 –4
55 200	7749.8	5.3475	1.1536	436.14	2.9781	1.4645
55 400	7733.9	5.2219	1.1266	435.67	2.9052	1.4996
55 600	7718.0	5.0989	1.1001	435.21	2.8339	1.5357
55 800	7702.1	4.9786	1.0742	434.75	2.7643	1.5727
56 000	7686.2	4.8609	1.0489	434.29	2.6963	1.6107
56 200	7670.3	4.7458	1.0241	433.82	2.6297	1.6497
56 400	7654.4	4.6331	9.9987 +21	433.36	2.5647	1.6897
56 600	7638.5	4.5229	9.7614	432.90	2.5012	1.7308
56 800	7622.5	4.4151	9.5293	432.43	2.4391	1.7729

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
48 000	8043.3	1.2153 –2	2.6163 +22	444.79	6.8879 +6	6.4576 –5
48 100	8043.5	1.2001	2.5834	444.79	6.8015	6.5396
48 200	8043.8	1.1850	2.5510	444.79	6.7162	6.6227
48 300	8044.0	1.1701	2.5190	444.79	6.6319	6.7068
48 400	8044.3	1.1554	2.4874	444.79	6.5488	6.7920
48 500	8044.5	1.1408	2.4562	444.79	6.4666	6.8783
48 600	8044.8	1.1265	2.4254	444.79	6.3855	6.9656
48 700	8045.1	1.1123	2.3950	444.79	6.3054	7.0541
48 800	8045.3	1.0983	2.3650	444.79	6.2263	7.1437
48 900	8045.6	1.0845	2.3353	444.79	6.1482	7.2345
49 000	8045.8	1.0709 –2	2.3060 +22	444.79	6.0711 +6	7.3264 –5
49 100	8046.1	1.0574	2.2771	444.79	5.9949	7.4194
49 200	8046.3	1.0441	2.2485	444.79	5.9198	7.5137
49 300	8046.6	1.0310	2.2203	444.79	5.8455	7.6091
49 400	8046.8	1.0180	2.1925	444.79	5.7722	7.7058
49 500	8047.1	1.0052	2.1650	444.79	5.6998	7.8036
49 600	8047.4	9.9259 –3	2.1378	444.79	5.6283	7.9028
49 700	8047.6	9.8011	2.1110	444.79	5.5577	8.0032
49 800	8047.9	9.6778	2.0845	444.79	5.4880	8.1048
49 900	8048.1	9.5561	2.0584	444.79	5.4191	8.2078
50 000	8048.4	9.4360 –3	2.0326 +22	444.79	5.3512 +6	8.3120 –5
50 100	8048.6	9.3173	2.0071	444.79	5.2840	8.4176
50 200	8048.9	9.2002	1.9819	444.79	5.2178	8.5245
50 300	8049.1	9.0845	1.9570	444.79	5.1523	8.6328
50 400	8049.4	8.9702	1.9325	444.79	5.0877	8.7425
50 500	8049.7	8.8574	1.9082	444.79	5.0239	8.8535
50 600	8049.9	8.7461	1.8843	444.79	4.9608	8.9660
50 700	8050.2	8.6361	1.8607	444.79	4.8986	9.0799
50 800	8050.4	8.5275	1.8373	444.79	4.8372	9.1952
50 900	8050.7	8.4203	1.8143	444.79	4.7765	9.3120
51 000	8050.9	8.3144 –3	1.7915 +22	444.79	4.7166 +6	9.4303 –5
51 200	8034.8	8.1232	1.7504	444.33	4.6037	9.6517
51 400	8018.6	7.9360	1.7102	443.87	4.4932	9.8787
51 600	8002.5	7.7528	1.6708	443.41	4.3852	1.0112 –4
51 800	7986.3	7.5734	1.6323	442.95	4.2795	1.0350
52 000	7970.2	7.3978	1.5945	442.48	4.1762	1.0595
52 200	7954.0	7.2259	1.5576	442.02	4.0752	1.0847
52 400	7937.8	7.0577	1.5214	441.56	3.9764	1.1105
52 600	7921.7	6.8931	1.4860	441.09	3.8798	1.1369
52 800	7905.5	6.7319	1.4514	440.63	3.7853	1.1640
53 000	7889.4	6.5742 –3	1.4175 +22	440.16	3.6930 +6	1.1919 –4
53 200	7873.2	6.4199	1.3843	439.70	3.6027	1.2205
53 400	7857.0	6.2689	1.3518	439.23	3.5145	1.2498
53 600	7840.8	6.1211	1.3200	438.77	3.4282	1.2799
53 800	7824.7	5.9765	1.2889	438.30	3.3439	1.3108
54 000	7808.5	5.8350	1.2585	437.83	3.2614	1.3425
54 200	7792.3	5.6966	1.2287	437.37	3.1809	1.3750
54 400	7776.1	5.5612	1.1996	436.90	3.1021	1.4084
54 600	7759.9	5.4287	1.1711	436.43	3.0252	1.4427
54 800	7743.8	5.2991	1.1432	435.96	2.9500	1.4778
55 000	7727.6	5.1724 –3	1.1159 +22	435.49	2.8765 +6	1.5140 –4
55 200	7711.4	5.0484	1.0892	435.02	2.8047	1.5511
55 400	7695.2	4.9271	1.0631	434.55	2.7345	1.5891
55 600	7679.0	4.8084	1.0376	434.08	2.6659	1.6282
55 800	7662.8	4.6924	1.0126	433.61	2.5989	1.6684
56 000	7646.6	4.5790	9.8821 +21	433.13	2.5335	1.7096
56 200	7630.4	4.4680	9.6432	432.66	2.4696	1.7520
56 400	7614.2	4.3595	9.4096	432.19	2.4071	1.7955
56 600	7598.0	4.2534	9.1812	431.71	2.3461	1.8401
56 800	7581.8	4.1497	8.9579	431.24	2.2865	1.8860

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
57 000	7606.6	4.3096 –3	9.3023 +21	431.97	2.3784 +6	1.8162 –4
57 200	7590.7	4.2065	9.0802	431.50	2.3191	1.8606
57 400	7574.8	4.1056	8.8630	431.03	2.2612	1.9062
57 600	7558.9	4.0069	8.6505	430.57	2.2046	1.9530
57 800	7542.9	3.9104	8.4427	430.10	2.1493	2.0011
58 000	7527.0	3.8161	8.2395	429.63	2.0953	2.0504
58 200	7511.1	3.7238	8.0407	429.16	2.0425	2.1011
58 400	7495.2	3.6335	7.8464	428.70	1.9910	2.1532
58 600	7479.3	3.5453	7.6563	428.23	1.9406	2.2066
58 800	7463.3	3.4590	7.4704	427.76	1.8914	2.2615
59 000	7447.4	3.3746 –3	7.2887 +21	427.29	1.8434 +6	2.3179 –4
59 200	7431.5	3.2922	7.1110	426.82	1.7965	2.3758
59 400	7415.5	3.2115	6.9373	426.35	1.7507	2.4353
59 600	7399.6	3.1327	6.7674	425.87	1.7059	2.4965
59 800	7383.7	3.0557	6.6014	425.40	1.6622	2.5593
60 000	7367.8	2.9804	6.4391	424.93	1.6195	2.6238
60 200	7351.8	2.9067	6.2805	424.46	1.5779	2.6900
60 400	7335.9	2.8348	6.1254	423.98	1.5372	2.7581
60 600	7319.9	2.7645	5.9738	423.51	1.4975	2.8281
60 800	7304.0	2.6958	5.8257	423.04	1.4587	2.9000
61 000	7288.1	2.6286 –3	5.6809 +21	422.56	1.4209 +6	2.9739 –4
61 200	7272.1	2.5630	5.5394	422.09	1.3839	3.0499
61 400	7256.2	2.4988	5.4011	421.61	1.3479	3.1280
61 600	7240.3	2.4362	5.2660	421.13	1.3127	3.2082
61 800	7224.3	2.3750	5.1340	420.66	1.2783	3.2907
62 000	7208.4	2.3152	5.0051	420.18	1.2448	3.3755
62 200	7192.4	2.2567	4.8790	419.70	1.2121	3.4627
62 400	7176.6	2.1997	4.7559	419.22	1.1801	3.5523
62 600	7160.6	2.1439	4.6357	418.74	1.1490	3.6445
62 800	7144.6	2.0894	4.5182	418.26	1.1186	3.7393
63 000	7128.6	2.0362 –3	4.4034 +21	417.78	1.0889 +6	3.8367 –4
63 200	7112.7	1.9843	4.2913	417.30	1.0600	3.9369
63 400	7096.8	1.9335	4.1819	416.82	1.0317	4.0400
63 600	7080.8	1.8840	4.0749	416.34	1.0042	4.1460
63 800	7064.9	1.8356	3.9705	415.86	9.7733 +5	4.2550
64 000	7048.9	1.7883	3.8685	415.38	9.5112	4.3672
64 200	7032.9	1.7422	3.7690	414.89	9.2556	4.4826
64 400	7017.0	1.6971	3.6717	414.41	9.0064	4.6013
64 600	7001.0	1.6532	3.5768	413.92	8.7632	4.7234
64 800	6985.1	1.6102	3.4841	413.44	8.5261	4.8491
65 000	6969.1	1.5683 –3	3.3936 +21	412.95	8.2949 +5	4.9784 –4
65 200	6953.2	1.5274	3.3053	412.47	8.0695	5.1114
65 400	6937.2	1.4874	3.2190	411.98	7.8497	5.2484
65 600	6921.2	1.4485	3.1349	411.49	7.6354	5.3893
65 800	6905.3	1.4104	3.0527	411.01	7.4265	5.5343
66 000	6889.3	1.3733	2.9725	410.52	7.2228	5.6836
66 200	6873.4	1.3370	2.8942	410.03	7.0243	5.8373
66 400	6857.4	1.3017	2.8179	409.54	6.8307	5.9956
66 600	6841.4	1.2672	2.7433	409.05	6.6421	6.1584
66 800	6825.5	1.2335	2.6706	408.56	6.4583	6.3262
67 000	6809.5	1.2006 –3	2.5996 +21	408.07	6.2791 +5	6.4989 –4
67 200	6793.5	1.1686	2.5304	407.58	6.1045	6.6767
67 400	6777.6	1.1373	2.4628	407.09	5.9344	6.8598
67 600	6761.6	1.1068	2.3969	406.59	5.7686	7.0484
67 800	6745.6	1.0771	2.3327	406.10	5.6071	7.2427
68 000	6729.6	1.0480	2.2699	405.61	5.4497	7.4427
68 200	6713.7	1.0197	2.2088	405.11	5.2964	7.6489
68 400	6697.7	9.9213 –4	2.1491	404.62	5.1470	7.8612
68 600	6681.7	9.6521	2.0909	404.12	5.0016	8.0799
68 800	6665.7	9.3896	2.0342	403.63	4.8599	8.3053

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
57 000	7565.6	4.0482 –3	8.7395 +21	430.76	2.2283 +6	1.9331 –4
57 200	7549.4	3.9491	8.5259	430.29	2.1715	1.9816
57 400	7533.2	3.8521	8.3172	429.81	2.1159	2.0313
57 600	7516.9	3.7573	8.1130	429.34	2.0617	2.0824
57 800	7500.7	3.6647	7.9135	428.86	2.0088	2.1349
58 000	7484.5	3.5741	7.7184	428.38	1.9571	2.1889
58 200	7468.3	3.4856	7.5278	427.90	1.9066	2.2443
58 400	7452.1	3.3991	7.3414	427.43	1.8573	2.3013
58 600	7435.8	3.3146	7.1592	426.95	1.8092	2.3598
58 800	7419.6	3.2319	6.9812	426.47	1.7622	2.4200
59 000	7403.4	3.1512 –3	6.8072 +21	425.99	1.7164 +6	2.4819 –4
59 200	7387.1	3.0723	6.6372	425.51	1.6716	2.5455
59 400	7370.9	2.9952	6.4710	425.02	1.6279	2.6108
59 600	7354.7	2.9198	6.3087	424.54	1.5853	2.6780
59 800	7338.4	2.8462	6.1500	424.06	1.5437	2.7471
60 000	7322.2	2.7743	5.9950	423.58	1.5030	2.8181
60 200	7306.0	2.7041	5.8436	423.09	1.4634	2.8912
60 400	7289.7	2.6354	5.6956	422.61	1.4247	2.9662
60 600	7273.5	2.5684	5.5511	422.13	1.3870	3.0435
60 800	7257.2	2.5029	5.4099	421.64	1.3502	3.1229
61 000	7241.0	2.4390 –3	5.2720 +21	421.15	1.3142 +6	3.2046 –4
61 200	7224.7	2.3765	5.1373	420.67	1.2792	3.2886
61 400	7208.5	2.3155	5.0058	420.18	1.2450	3.3750
61 600	7192.2	2.2559	4.8773	419.69	1.2116	3.4639
61 800	7176.0	2.1978	4.7518	419.21	1.1791	3.5554
62 000	7159.7	2.1410	4.6293	418.72	1.1473	3.6495
62 200	7143.4	2.0855	4.5097	418.23	1.1164	3.7463
62 400	7127.2	2.0313	4.3929	417.74	1.0862	3.8459
62 600	7110.9	1.9785	4.2788	417.25	1.0567	3.9484
62 800	7094.6	1.9269	4.1675	416.76	1.0280	4.0539
63 000	7078.4	1.8765 –3	4.0588 +21	416.27	1.0000 +6	4.1625 –4
63 200	7062.1	1.8273	3.9527	415.77	9.7274 +5	4.2743
63 400	7045.8	1.7793	3.8491	415.28	9.4613	4.3893
63 600	7029.5	1.7325	3.7480	414.79	9.2018	4.5077
63 800	7013.6	1.6867	3.6493	414.29	8.9489	4.6296
64 000	6997.0	1.6421	3.5530	413.80	8.7023	4.7551
64 200	6980.7	1.5986	3.4590	413.31	8.4620	4.8843
64 400	6964.4	1.5561	3.3673	412.81	8.2277	5.0173
64 600	6948.1	1.5146	3.2778	412.31	7.9994	5.1543
64 800	6931.8	1.4742	3.1904	411.82	7.7769	5.2954
65 000	6915.5	1.4347 –3	3.1052 +21	411.32	7.5601 +5	5.4407 –4
65 200	6899.2	1.3962	3.0221	410.82	7.3488	5.5903
65 400	6882.9	1.3587	2.9410	410.32	7.1429	5.7445
65 600	6866.6	1.3221	2.8619	409.82	6.9423	5.9033
65 800	6850.3	1.2863	2.7847	409.32	6.7469	6.0669
66 000	6834.0	1.2515	2.7095	408.82	6.5565	6.2354
66 200	6817.7	1.2175	2.6361	408.32	6.3711	6.4090
66 400	6801.4	1.1844	2.5645	407.82	6.1904	6.5879
66 600	6785.1	1.1520	2.4947	407.32	6.0145	6.7723
66 800	6768.8	1.1205	2.4266	406.82	5.8431	6.9623
67 000	6752.5	1.0898 –3	2.3602 +21	406.31	5.6762 +5	7.1582 –4
67 200	6736.2	1.0598	2.2955	405.81	5.5137	7.3600
67 400	6719.9	1.0306	2.2324	405.30	5.3554	7.5681
67 600	6703.6	1.0022	2.1708	404.80	5.2014	7.7826
67 800	6687.2	9.7443 –4	2.1109	404.29	5.0513	8.0037
68 000	6670.9	9.4738	2.0524	403.79	4.9053	8.2317
68 200	6654.6	9.2102	1.9954	403.28	4.7631	8.4668
68 400	6638.3	8.9532	1.9399	402.77	4.6247	8.7092
68 600	6621.9	8.7029	1.8857	402.26	4.4900	8.9591
68 800	6605.6	8.4589	1.8330	401.75	4.3589	9.2170

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
69 000	6649.8	9.1336 –4	1.9789 +21	403.13	4.7218 +5	8.5375 –4
69 200	6633.8	8.8840	1.9249	402.63	4.5874	8.7769
69 400	6617.8	8.6407	1.8723	402.13	4.4565	9.0235
69 600	6601.8	8.4034	1.8210	401.64	4.3291	9.2776
69 800	6585.8	8.1722	1.7710	401.14	4.2050	9.5396
70 000	6569.9	7.9467	1.7223	400.64	4.0841	9.8096
70 200	6553.9	7.7270	1.6747	400.14	3.9665	1.0088 –3
70 400	6537.9	7.5128	1.6284	399.64	3.8519	1.0375
70 600	6521.9	7.3040	1.5833	399.14	3.7404	1.0671
70 800	6505.9	7.1006	1.5393	398.63	3.6319	1.0976
71 000	6489.9	6.9023 –4	1.4964 +21	398.13	3.5263 +5	1.1290 –3
71 200	6473.9	6.7091	1.4546	397.63	3.4235	1.1615
71 400	6458.0	6.5209	1.4139	397.12	3.3234	1.1949
71 600	6442.0	6.3375	1.3742	396.62	3.2260	1.2294
71 800	6426.0	6.1588	1.3355	396.12	3.1313	1.2650
72 000	6414.6	5.9805	1.2969	395.75	3.0380	1.3027
72 200	6403.3	5.8070	1.2594	395.39	2.9474	1.3415
72 400	6392.0	5.6382	1.2228	395.03	2.8593	1.3816
72 600	6380.7	5.4740	1.1873	394.67	2.7736	1.4229
72 800	6369.4	5.3144	1.1528	394.31	2.6905	1.4656
73 000	6358.1	5.1591 –4	1.1192 +21	393.94	2.6096 +5	1.5096 –3
73 200	6346.7	5.0081	1.0865	393.58	2.5311	1.5550
73 400	6335.4	4.8613	1.0547	393.22	2.4547	1.6019
73 600	6324.1	4.7185	1.0238	392.85	2.3806	1.6502
73 800	6312.8	4.5797	9.9371 +20	392.49	2.3086	1.7002
74 000	6301.5	4.4447	9.6449	392.13	2.2386	1.7517
74 200	6290.2	4.3135	9.3607	391.76	2.1706	1.8049
74 400	6278.9	4.1859	9.0844	391.40	2.1046	1.8597
74 600	6267.5	4.0619	8.8158	391.03	2.0404	1.9164
74 800	6256.2	3.9413	8.5546	390.67	1.9781	1.9749
75 000	6244.9	3.8241 –4	8.3008 +20	390.30	1.9176 +5	2.0353 –3
75 200	6233.6	3.7102	8.0540	389.93	1.8589	2.0977
75 400	6222.3	3.5995	7.8142	389.57	1.8018	2.1621
75 600	6210.9	3.4919	7.5810	389.20	1.7464	2.2285
75 800	6199.6	3.3873	7.3544	388.83	1.6926	2.2972
76 000	6188.3	3.2857	7.1342	388.47	1.6404	2.3681
76 200	6177.0	3.1869	6.9202	388.10	1.5897	2.4413
76 400	6165.6	3.0910	6.7123	387.73	1.5405	2.5170
76 600	6154.3	2.9977	6.5102	387.36	1.4927	2.5951
76 800	6143.0	2.9072	6.3139	386.99	1.4463	2.6758
77 000	6131.7	2.8191 –4	6.1231 +20	386.63	1.4012 +5	2.7592 –3
77 200	6120.3	2.7336	5.9378	386.26	1.3575	2.8453
77 400	6109.0	2.6506	5.7577	385.89	1.3151	2.9343
77 600	6097.7	2.5699	5.5828	385.52	1.2739	3.0262
77 800	6086.3	2.4915	5.4129	385.15	1.2340	3.1212
78 000	6075.0	2.4154	5.2478	384.78	1.1952	3.2194
78 200	6063.7	2.3415	5.0875	384.40	1.1576	3.3208
78 400	6052.4	2.2697	4.9318	384.03	1.1211	3.4256
78 600	6041.0	2.2000	4.7806	383.66	1.0856	3.5340
78 800	6029.7	2.1323	4.6338	383.29	1.0513	3.6460
79 000	6018.4	2.0665 –4	4.4912 +20	382.92	1.0179 +5	3.7617 –3
79 200	6007.0	2.0027	4.3527	382.54	9.8558 +4	3.8814
79 400	5995.7	1.9407	4.2183	382.17	9.5421	4.0051
79 600	5984.3	1.8805	4.0877	381.80	9.2378	4.1330
79 800	5973.0	1.8221	3.9610	381.42	8.9426	4.2652
80 000	5961.7	1.7654	3.8380	381.05	8.6564	4.4020

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (m)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
69 000	6589.3	8.2211 –4	1.7816 +21	401.24	4.2312 +5	9.4829 –4
69 200	6572.9	7.9895	1.7315	400.73	4.1071	9.7572
69 400	6556.6	7.7638	1.6827	400.22	3.9862	1.0040 –3
69 600	6540.3	7.5440	1.6352	399.71	3.8686	1.0332
69 800	6523.9	7.3298	1.5888	399.20	3.7542	1.0633
70 000	6507.6	7.1212	1.5437	398.69	3.6429	1.0944
70 200	6491.2	6.9180	1.4998	398.17	3.5346	1.1265
70 400	6474.9	6.7202	1.4570	397.66	3.4293	1.1596
70 600	6458.5	6.5274	1.4153	397.14	3.3269	1.1937
70 800	6442.2	6.3398	1.3747	396.63	3.2272	1.2290
71 000	6425.8	6.1570 –4	1.3351 +21	396.11	3.1303 +5	1.2654 –3
71 200	6414.2	5.9747	1.2957	395.74	3.0350	1.3039
71 400	6402.7	5.7974	1.2573	395.37	2.9424	1.3437
71 600	6391.1	5.6251	1.2200	395.00	2.8525	1.3848
71 800	6379.5	5.4576	1.1838	394.63	2.7651	1.4272
72 000	6368.0	5.2948	1.1485	394.26	2.6803	1.4710
72 200	6356.4	5.1366	1.1143	393.89	2.5979	1.5162
72 400	6344.8	4.9828	1.0810	393.52	2.5179	1.5629
72 600	6333.2	4.8333	1.0486	393.15	2.4402	1.6111
72 800	6321.7	4.6881	1.0172	392.77	2.3648	1.6609
73 000	6310.1	4.5469 –4	9.8661 +20	392.40	2.2915 +5	1.7124 –3
73 200	6298.5	4.4098	9.5691	392.03	2.2204	1.7655
73 400	6286.9	4.2765	9.2805	391.65	2.1514	1.8204
73 600	6275.3	4.1470	9.0001	391.28	2.0844	1.8772
73 800	6263.8	4.0212	8.7276	390.91	2.0194	1.9358
74 000	6252.2	3.8990	8.4629	390.54	1.9563	1.9963
74 200	6240.6	3.7803	8.2057	390.16	1.8950	2.0589
74 400	6229.0	3.6649	7.9559	389.79	1.8355	2.1235
74 600	6217.4	3.5529	7.7132	389.41	1.7778	2.1904
74 800	6205.8	3.4441	7.4775	389.03	1.7218	2.2594
75 000	6194.2	3.3384 –4	7.2485 +20	388.66	1.6675 +5	2.3308 –3
75 200	6182.6	3.2358	7.0261	388.28	1.6148	2.4045
75 400	6171.0	3.1362	6.8102	387.91	1.5636	2.4808
75 600	6159.4	3.0394	6.6005	387.53	1.5140	2.5596
75 800	6147.8	2.9454	6.3968	387.15	1.4659	2.6411
76 000	6136.2	2.8542	6.1991	386.77	1.4192	2.7254
76 200	6124.6	2.7656	6.0071	386.40	1.3739	2.8125
76 400	6113.0	2.6796	5.8206	386.02	1.3299	2.9025
76 600	6101.4	2.5961	5.6397	385.64	1.2873	2.9957
76 800	6089.8	2.5151	5.4640	385.26	1.2460	3.0920
77 000	6078.2	2.4364 –4	5.2934 +20	384.88	1.2059 +5	3.1916 –3
77 200	6066.6	2.3601	5.1279	384.50	1.1670	3.2947
77 400	6055.0	2.2860	4.9672	384.12	1.1293	3.4013
77 600	6043.3	2.2141	4.8112	383.74	1.0928	3.5115
77 800	6031.7	2.1443	4.6599	383.36	1.0574	3.6256
78 000	6020.1	2.0766	4.5130	382.98	1.0230	3.7436
78 200	6008.5	2.0109	4.3705	382.59	9.8973 +4	3.8656
78 400	5996.9	1.9471	4.2322	382.21	9.5745	3.9920
78 600	5985.2	1.8852	4.0980	381.83	9.2617	4.1227
78 800	5973.6	1.8252	3.9678	381.45	8.9584	4.2579
79 000	5962.0	1.7670 –4	3.8415 +20	381.06	8.6646 +4	4.3979 –3
79 200	5950.4	1.7106	3.7190	380.68	8.3798	4.5428
79 400	5938.7	1.6558	3.6001	380.29	8.1038	4.6928
79 600	5927.1	1.6027	3.4848	379.91	7.8363	4.8480
79 800	5915.5	1.5511	3.3730	379.52	7.5772	5.0088
80 000	5903.9	1.5012	3.2646	379.14	7.3262	5.1751

TABLE 4

Temperature (*T* and *t*), pressure (*p*), density (ρ) and acceleration due to gravity (*g*)
in terms of geometrical altitude (*h*) and geopotential altitude (*H*)
(altitudes in feet)

TABLEAU 4

Température (*T* et *t*), pression (*p*), masse volumique (ρ) et accélération due à la pesanteur (*g*)
en fonction de l'altitude géométrique (*h*) et de l'altitude géopotentielle (*H*)
(altitudes en pieds)

TABLA 4

Temperatura (*T* y *t*), presión (*p*), densidad (ρ) y aceleración debida a la gravedad (*g*)
en función de la altitud geométrica (*h*) y geopotencial (*H*)
(altitudes en pies)

ТАБЛИЦА 4

Температура (*T* и *t*), давление (*p*), плотность (ρ) и ускорение силы тяжести (*g*)
в функции геометрической (*h*) и геопотенциальной (*H*) высот
(высоты в футах)

VALUES IN TERMS OF GEOMETRICAL ALTITUDE
VALEURS EN FONCTION DE L'ALTITUDE GÉOMÉTRIQUE
VALORES EN FUNCIÓN DE LA ALTITUD GEOMÉTRICA
ЗНАЧЕНИЯ ПАРАМЕТРОВ В ФУНКЦИИ ГЕОМЕТРИЧЕСКОЙ ВЫСОТЫ

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
h (фут)	*H* (фут)	*T* (K)	*t* (°C)	*p* (гПа)	ρ (кг/м^3)	*g* (м/с^2)

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE
VALEURS EN FONCTION DE L'ALTITUDE GÉOPOTENTIELLE
VALORES EN FUNCIÓN DE LA ALTITUD GEOPOTENCIAL
ЗНАЧЕНИЯ ПАРАМЕТРОВ В ФУНКЦИИ ГЕОПОТЕНЦИАЛЬНОЙ ВЫСОТЫ

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
H (фут)	*h* (фут)	*T* (K)	*t* (°C)	*p* (гПа)	ρ (кг/м^3)	*g* (м/с^2)

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
–16 500	–16 513	320.866	47.716	1.78316 +3	1.93600 +0	9.8578
–16 250	–16 263	320.370	47.220	1.76872	1.92330	9.8570
–16 000	–16 012	319.874	46.724	1.75437	1.91065	9.8562
–15 750	–15 762	319.377	46.227	1.74012	1.89807	9.8554
–15 500	–15 512	318.881	45.731	1.72596	1.88556	9.8546
–15 250	–15 261	318.385	45.235	1.71190	1.87311	9.8539
–15 000	–15 011	317.889	44.739	1.69793	1.86072	9.8531
–14 750	–14 760	317.393	44.243	1.68405	1.84840	9.8523
–14 500	–14 510	316.897	43.747	1.67026	1.83613	9.8515
–14 250	–14 260	316.401	43.251	1.65657	1.82394	9.8508
–14 000	–14 009	315.905	42.755	1.64297 +3	1.81180 +0	9.8500
–13 800	–13 809	315.509	42.359	1.63215	1.80213	9.8494
–13 600	–13 609	315.112	41.962	1.62139	1.79251	9.8487
–13 400	–13 409	314.715	41.565	1.61069	1.78292	9.8481
–13 200	–13 208	314.318	41.168	1.60005	1.77338	9.8475
–13 000	–13 008	313.922	40.772	1.58946	1.76387	9.8469
–12 800	–12 808	313.525	40.375	1.57893	1.75440	9.8463
–12 600	–12 608	313.128	39.978	1.56846	1.74497	9.8456
–12 400	–12 407	312.731	39.581	1.55804	1.73558	9.8450
–12 200	–12 207	312.335	39.185	1.54768	1.72623	9.8444
–12 000	–12 007	311.938	38.788	1.53738 +3	1.71692 +0	9.8438
–11 800	–11 807	311.541	38.391	1.52713	1.70765	9.8432
–11 600	–11 606	311.145	37.995	1.51694	1.69841	9.8425
–11 400	–11 406	310.748	37.598	1.50680	1.68922	9.8419
–11 200	–11 206	310.351	37.201	1.49672	1.68006	9.8413
–11 000	–11 006	309.955	36.805	1.48669	1.67094	9.8407
–10 800	–10 806	309.558	36.408	1.47672	1.66186	9.8401
–10 600	–10 605	309.161	36.011	1.46680	1.65282	9.8394
–10 400	–10 405	308.765	35.615	1.45694	1.64381	9.8388
–10 200	–10 205	308.368	35.218	1.44713	1.63484	9.8382
–10 000	–10 005	307.972	34.822	1.43737 +3	1.62591 +0	9.8376
–9 800	–9 805	307.575	34.425	1.42767	1.61702	9.8370
–9 600	–9 604	307.178	34.028	1.41802	1.60816	9.8363
–9 400	–9 404	306.782	33.632	1.40842	1.59935	9.8357
–9 200	–9 204	306.385	33.235	1.39888	1.59056	9.8351
–9 000	–9 004	305.988	32.838	1.38939	1.58182	9.8345
–8 800	–8 804	305.592	32.442	1.37995	1.57311	9.8339
–8 600	–8 604	305.195	32.045	1.37057	1.56444	9.8332
–8 400	–8 403	304.799	31.649	1.36123	1.55581	9.8326
–8 200	–8 203	304.402	31.252	1.35195	1.54722	9.8320
–8 000	–8 003	304.006	30.856	1.34272 +3	1.53866 +0	9.8314
–7 800	–7 803	303.609	30.459	1.33354	1.53013	9.8308
–7 600	–7 603	303.213	30.063	1.32441	1.52164	9.8301
–7 400	–7 403	302.816	29.666	1.31533	1.51319	9.8295
–7 200	–7 202	302.420	29.270	1.30630	1.50478	9.8289
–7 000	–7 002	302.023	28.873	1.29733	1.49640	9.8283
–6 800	–6 802	301.627	28.477	1.28840	1.48806	9.8277
–6 600	–6 602	301.230	28.080	1.27952	1.47975	9.8270
–6 400	–6 402	300.834	27.684	1.27070	1.47148	9.8264
–6 200	–6 202	300.437	27.287	1.26192	1.46324	9.8258
–6 000	–6 002	300.041	26.891	1.25319 +3	1.45504 +0	9.8252
–5 800	–5 802	299.644	26.494	1.24451	1.44688	9.8246
–5 600	–5 602	299.248	26.098	1.23588	1.43875	9.8240
–5 400	–5 401	298.851	25.701	1.22730	1.43065	9.8233
–5 200	–5 201	298.455	25.305	1.21877	1.42259	9.8227
–5 000	–5 001	298.058	24.908	1.21028	1.41457	9.8221
–4 800	–4 801	297.662	24.512	1.20185	1.40658	9.8215
–4 600	–4 601	297.266	24.116	1.19346	1.39862	9.8209
–4 400	–4 401	296.869	23.719	1.18512	1.39070	9.8202
–4 200	–4 201	296.473	23.323	1.17682	1.38282	9.8196

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
–16 500	–16 487	320.840	47.690	1.78241 +3	1.93534 +0	9.8222
–16 250	–16 237	320.345	47.195	1.76799	1.92265	9.8219
–16 000	–15 988	319.849	46.699	1.75367	1.91003	9.8217
–15 750	–15 738	319.354	46.204	1.73945	1.89748	9.8215
–15 500	–15 488	318.859	45.709	1.72531	1.88499	9.8212
–15 250	–15 239	318.363	45.213	1.71127	1.87256	9.8210
–15 000	–14 989	317.868	44.718	1.69733	1.86019	9.8208
–14 750	–14 740	317.373	44.223	1.68347	1.84788	9.8205
–14 500	–14 490	316.877	43.727	1.66971	1.83564	9.8203
–14 250	–14 240	316.382	43.232	1.65604	1.82346	9.8201
–14 000	–13 991	315.887	42.737	1.64246 +3	1.81134 +0	9.8198
–13 800	–13 791	315.491	42.341	1.63166	1.80169	9.8196
–13 600	–13 591	315.094	41.944	1.62092	1.79208	9.8194
–13 400	–13 391	314.698	41.548	1.61023	1.78251	9.8193
–13 200	–13 192	314.302	41.152	1.59960	1.77298	9.8191
–13 000	–12 992	313.906	40.756	1.58903	1.76349	9.8189
–12 800	–12 792	313.509	40.359	1.57852	1.75403	9.8187
–12 600	–12 592	313.113	39.963	1.56806	1.74462	9.8185
–12 400	–12 393	312.717	39.567	1.55766	1.73524	9.8183
–12 200	–12 193	312.321	39.171	1.54731	1.72590	9.8181
–12 000	–11 993	311.924	38.774	1.53702 +3	1.71660 +0	9.8179
–11 800	–11 793	311.528	38.378	1.52679	1.70734	9.8178
–11 600	–11 594	311.132	37.982	1.51661	1.69812	9.8176
–11 400	–11 394	310.736	37.586	1.50649	1.68893	9.8174
–11 200	–11 194	310.339	37.189	1.49642	1.67979	9.8172
–11 000	–10 994	309.943	36.793	1.48640	1.67068	9.8170
–10 800	–10 794	309.547	36.397	1.47644	1.66161	9.8168
–10 600	–10 595	309.151	36.001	1.46654	1.65257	9.8166
–10 400	–10 395	308.754	35.604	1.45668	1.64358	9.8164
–10 200	–10 195	308.358	35.208	1.44688	1.63462	9.8162
–10 000	–9 995	307.962	34.812	1.43714 +3	1.62570 +0	9.8161
–9 800	–9 795	307.566	34.416	1.42745	1.61681	9.8159
–9 600	–9 596	307.170	34.020	1.41781	1.60797	9.8157
–9 400	–9 396	306.773	33.623	1.40822	1.59916	9.8155
–9 200	–9 196	306.377	33.227	1.39869	1.59039	9.8153
–9 000	–8 996	305.981	32.831	1.38921	1.58165	9.8151
–8 800	–8 796	305.585	32.435	1.37978	1.57295	9.8149
–8 600	–8 596	305.188	32.038	1.37040	1.56429	9.8147
–8 400	–8 397	304.792	31.642	1.36107	1.55567	9.8146
–8 200	–8 197	304.396	31.246	1.35180	1.54708	9.8144
–8 000	–7 997	304.000	30.850	1.34258 +3	1.53852 +0	9.8142
–7 800	–7 797	303.603	30.453	1.33341	1.53001	9.8140
–7 600	–7 597	303.207	30.057	1.32428	1.52153	9.8138
–7 400	–7 397	302.811	29.661	1.31521	1.51308	9.8136
–7 200	–7 198	302.415	29.265	1.30619	1.50467	9.8134
–7 000	–6 998	302.018	28.868	1.29722	1.49630	9.8132
–6 800	–6 798	301.622	28.472	1.28830	1.48797	9.8130
–6 600	–6 598	301.226	28.076	1.27943	1.47966	9.8129
–6 400	–6 398	300.830	27.680	1.27061	1.47140	9.8127
–6 200	–6 198	300.433	27.283	1.26184	1.46317	9.8125
–6 000	–5 998	300.037	26.887	1.25312 +3	1.45497 +0	9.8123
–5 800	–5 798	299.641	26.491	1.24444	1.44681	9.8121
–5 600	–5 598	299.245	26.095	1.23582	1.43869	9.8119
–5 400	–5 399	298.848	25.698	1.22724	1.43060	9.8117
–5 200	–5 199	298.452	25.302	1.21871	1.42254	9.8115
–5 000	–4 999	298.056	24.906	1.21023	1.41452	9.8114
–4 800	–4 799	297.660	24.510	1.20180	1.40654	9.8112
–4 600	–4 599	297.264	24.114	1.19342	1.39858	9.8110
–4 400	–4 399	296.867	23.717	1.18508	1.39067	9.8108
–4 200	–4 199	296.471	23.321	1.17679	1.38278	9.8106

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
–4 000	–4 001	296.076	22.926	1.16858 +3	1.37497 +0	9.8190
–3 800	–3 801	295.680	22.530	1.16038	1.36715	9.8184
–3 600	–3 601	295.284	22.134	1.15223	1.35937	9.8178
–3 400	–3 401	294.887	21.737	1.14412	1.35162	9.8171
–3 200	–3 200	294.491	21.341	1.13606	1.34390	9.8165
–3 000	–3 000	294.094	20.944	1.12805	1.33622	9.8159
–2 800	–2 800	293.698	20.548	1.12008	1.32857	9.8153
–2 600	–2 600	293.302	20.152	1.11216	1.32096	9.8147
–2 400	–2 400	292.905	19.755	1.10428	1.31338	9.8141
–2 200	–2 200	292.509	19.359	1.09645	1.30583	9.8134
–2 000	–2 000	292.113	18.963	1.08867 +3	1.29832 +0	9.8128
–1 800	–1 800	291.716	18.566	1.08092	1.29084	9.8122
–1 600	–1 600	291.320	18.170	1.07323	1.28339	9.8116
–1 400	–1 400	290.924	17.774	1.06558	1.27598	9.8110
–1 200	–1 200	290.528	17.378	1.05797	1.26860	9.8104
–1 000	–1 000	290.131	16.981	1.05041	1.26125	9.8097
–800	–800	289.735	16.585	1.04289	1.25394	9.8091
–600	–600	289.339	16.189	1.03541	1.24665	9.8085
–400	–400	288.942	15.792	1.02798	1.23940	9.8079
–200	–200	288.546	15.396	1.02060	1.23219	9.8073
0	0	288.150	15.000	1.01325 +3	1.22500 +0	9.8067
200	200	287.754	14.604	1.00595	1.21785	9.8060
400	400	287.358	14.208	9.98689 +2	1.21073	9.8054
600	600	286.961	13.811	9.91472	1.20364	9.8048
800	800	286.565	13.415	9.84299	1.19658	9.8042
1 000	1 000	286.169	13.019	9.77167	1.18955	9.8036
1 200	1 200	285.773	12.623	9.70077	1.18256	9.8029
1 400	1 400	285.377	12.227	9.63029	1.17560	9.8023
1 600	1 600	284.980	11.830	9.56023	1.16867	9.8017
1 800	1 800	284.584	11.434	9.49059	1.16177	9.8011
2 000	2 000	284.188	11.038	9.42135 +2	1.15490 +0	9.8005
2 200	2 200	283.792	10.642	9.35253	1.14807	9.7999
2 400	2 400	283.396	10.246	9.28411	1.14126	9.7992
2 600	2 600	283.000	9.850	9.21611	1.13449	9.7986
2 800	2 800	282.603	9.453	9.14850	1.12774	9.7980
3 000	3 000	282.207	9.057	9.08131	1.12103	9.7974
3 200	3 200	281.811	8.661	9.01451	1.11435	9.7968
3 400	3 399	281.415	8.265	8.94811	1.10770	9.7962
3 600	3 599	281.019	7.869	8.88211	1.10108	9.7956
3 800	3 799	280.623	7.473	8.81651	1.09449	9.7949
4 000	3 999	280.227	7.077	8.75130 +2	1.08793 +0	9.7943
4 200	4 199	279.831	6.681	8.68648	1.08140	9.7937
4 400	4 399	279.435	6.285	8.62206	1.07490	9.7931
4 600	4 599	279.038	5.888	8.55802	1.06843	9.7925
4 800	4 799	278.642	5.492	8.49437	1.06199	9.7919
5 000	4 999	278.246	5.096	8.43110	1.05558	9.7912
5 200	5 199	277.850	4.700	8.36822	1.04920	9.7906
5 400	5 399	277.454	4.304	8.30572	1.04285	9.7900
5 600	5 598	277.058	3.908	8.24360	1.03653	9.7894
5 800	5 798	276.662	3.512	8.18185	1.03024	9.7888
6 000	5 998	276.266	3.116	8.12048 +2	1.02398 +0	9.7882
6 200	6 198	275.870	2.720	8.05949	1.01775	9.7875
6 400	6 398	275.474	2.324	7.99887	1.01155	9.7869
6 600	6 598	275.078	1.928	7.93862	1.00537	9.7863
6 800	6 798	274.682	1.532	7.87874	9.99228 –1	9.7857
7 000	6 998	274.286	1.136	7.81923	9.93111	9.7851
7 200	7 198	273.890	0.740	7.76008	9.87024	9.7845
7 400	7 397	273.494	0.344	7.70130	9.80966	9.7839
7 600	7 597	273.098	–0.052	7.64288	9.74936	9.7832
7 800	7 797	272.702	–0.448	7.58482	9.68934	9.7826

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
–4 000	–3 999	296.075	22.925	1.16855 +3	1.37494 +0	9.8104
–3 800	–3 799	295.679	22.529	1.16035	1.36712	9.8102
–3 600	–3 599	295.282	22.132	1.15220	1.35934	9.8100
–3 400	–3 399	294.886	21.736	1.14410	1.35160	9.8098
–3 200	–3 200	294.490	21.340	1.13604	1.34388	9.8097
–3 000	–3 000	294.094	20.944	1.12803	1.33620	9.8095
–2 800	–2 800	293.697	20.547	1.12006	1.32856	9.8093
–2 600	–2 600	293.301	20.151	1.11214	1.32095	9.8091
–2 400	–2 400	292.905	19.755	1.10427	1.31337	9.8089
–2 200	–2 200	292.509	19.359	1.09644	1.30583	9.8087
–2 000	–2 000	292.112	18.962	1.08866 +3	1.29831 +0	9.8085
–1 800	–1 800	291.716	18.566	1.08092	1.29083	9.8083
–1 600	–1 600	291.320	18.170	1.07322	1.28339	9.8082
–1 400	–1 400	290.924	17.774	1.06557	1.27598	9.8080
–1 200	–1 200	290.527	17.377	1.05797	1.26860	9.8078
–1 000	–1 000	290.131	16.981	1.05041	1.26125	9.8076
–800	–800	289.735	16.585	1.04289	1.25393	9.8074
–600	–600	289.339	16.189	1.03541	1.24665	9.8072
–400	–400	288.942	15.792	1.02798	1.23940	9.8070
–200	–200	288.546	15.396	1.02060	1.23219	9.8068
0	0	288.150	15.000	1.01325 +3	1.22500 +0	9.8067
200	200	287.754	14.604	1.00595	1.21785	9.8065
400	400	287.358	14.208	9.98689 +2	1.21073	9.8063
600	600	286.961	13.811	9.91472	1.20364	9.8061
800	800	286.565	13.415	9.84297	1.19658	9.8059
1 000	1 000	286.169	13.019	9.77165	1.18955	9.8057
1 200	1 200	285.773	12.623	9.70075	1.18256	9.8055
1 400	1 400	285.376	12.226	9.63026	1.17560	9.8053
1 600	1 600	284.980	11.830	9.56019	1.16867	9.8051
1 800	1 800	284.584	11.434	9.49053	1.16177	9.8050
2 000	2 000	284.188	11.038	9.42129 +2	1.15490 +0	9.8048
2 200	2 200	283.791	10.641	9.35245	1.14806	9.8046
2 400	2 400	283.395	10.245	9.28402	1.14125	9.8044
2 600	2 600	282.999	9.849	9.21600	1.13448	9.8042
2 800	2 800	282.603	9.453	9.14838	1.12773	9.8040
3 000	3 000	282.206	9.056	9.08116	1.12102	9.8038
3 200	3 200	281.810	8.660	9.01435	1.11433	9.8036
3 400	3 401	281.414	8.264	8.94793	1.10768	9.8035
3 600	3 601	281.018	7.868	8.88191	1.10106	9.8033
3 800	3 801	280.621	7.471	8.81628	1.09447	9.8031
4 000	4 001	280.225	7.075	8.75105 +2	1.08791 +0	9.8029
4 200	4 201	279.829	6.679	8.68621	1.08137	9.8027
4 400	4 401	279.433	6.283	8.62176	1.07487	9.8025
4 600	4 601	279.036	5.886	8.55769	1.06840	9.8023
4 800	4 801	278.640	5.490	8.49402	1.06196	9.8021
5 000	5 001	278.244	5.094	8.43072	1.05555	9.8019
5 200	5 201	277.848	4.698	8.36781	1.04916	9.8018
5 400	5 401	277.452	4.302	8.30528	1.04281	9.8016
5 600	5 602	277.055	3.905	8.24313	1.03649	9.8014
5 800	5 802	276.659	3.509	8.18136	1.03019	9.8012
6 000	6 002	276.263	3.113	8.11996 +2	1.02393 +0	9.8010
6 200	6 202	275.867	2.717	8.05893	1.01769	9.8008
6 400	6 402	275.470	2.320	7.99828	1.01149	9.8006
6 600	6 602	275.074	1.924	7.93799	1.00531	9.8004
6 800	6 802	274.678	1.528	7.87808	9.99160 –1	9.8003
7 000	7 002	274.282	1.132	7.81853	9.93040	9.8001
7 200	7 202	273.885	0.735	7.75935	9.86949	9.7999
7 400	7 403	273.489	0.339	7.70053	9.80886	9.7997
7 600	7 603	273.093	–0.057	7.64207	9.74852	9.7995
7 800	7 803	272.697	–0.453	7.58397	9.68847	9.7993

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
8 000	7 997	272.306	–0.844	7.52712 +2	9.62961 –1	9.7820
8 200	8 197	271.911	–1.239	7.46977	9.57016	9.7814
8 400	8 397	271.515	–1.635	7.41278	9.51100	9.7808
8 600	8 596	271.119	–2.031	7.35615	9.45211	9.7802
8 800	8 796	270.723	–2.427	7.29986	9.39351	9.7796
9 000	8 996	270.327	–2.823	7.24393	9.33519	9.7789
9 200	9 196	269.931	–3.219	7.18834	9.27714	9.7783
9 400	9 396	269.535	–3.615	7.13311	9.21937	9.7777
9 600	9 596	269.139	–4.011	7.07821	9.16188	9.7771
9 800	9 795	268.743	–4.407	7.02366	9.10467	9.7765
10 000	9 995	268.347	–4.803	6.96946 +2	9.04773 –1	9.7759
10 200	10 195	267.952	–5.198	6.91559	8.99106	9.7753
10 400	10 395	267.556	–5.594	6.86206	8.93467	9.7746
10 600	10 595	267.160	–5.990	6.80887	8.87855	9.7740
10 800	10 794	266.764	–6.386	6.75601	8.82270	9.7734
11 000	10 994	266.368	–6.782	6.70349	8.76712	9.7728
11 200	11 194	265.972	–7.178	6.65130	8.71180	9.7722
11 400	11 394	265.577	–7.573	6.59944	8.65676	9.7716
11 600	11 594	265.181	–7.969	6.54791	8.60199	9.7710
11 800	11 793	264.785	–8.365	6.49671	8.54748	9.7703
12 000	11 993	264.389	–8.761	6.44583 +2	8.49324 –1	9.7697
12 200	12 193	263.993	–9.157	6.39528	8.43926	9.7691
12 400	12 393	263.598	–9.552	6.34505	8.38555	9.7685
12 600	12 592	263.202	–9.948	6.29514	8.33209	9.7679
12 800	12 792	262.806	–10.344	6.24555	8.27891	9.7673
13 000	12 992	262.410	–10.740	6.19627	8.22598	9.7667
13 200	13 192	262.015	–11.135	6.14732	8.17331	9.7660
13 400	13 391	261.619	–11.531	6.09867	8.12090	9.7654
13 600	13 591	261.223	–11.927	6.05034	8.06875	9.7648
13 800	13 791	260.828	–12.322	6.00233	8.01686	9.7642
14 000	13 991	260.432	–12.718	5.95462 +2	7.96523 –1	9.7636
14 200	14 190	260.036	–13.114	5.90722	7.91385	9.7630
14 400	14 390	259.640	–13.510	5.86013	7.86272	9.7624
14 600	14 590	259.245	–13.905	5.81334	7.81185	9.7618
14 800	14 790	258.849	–14.301	5.76686	7.76123	9.7611
15 000	14 989	258.453	–14.697	5.72068	7.71087	9.7605
15 200	15 189	258.058	–15.092	5.67480	7.66075	9.7599
15 400	15 389	257.662	–15.488	5.62921	7.61089	9.7593
15 600	15 588	257.266	–15.884	5.58393	7.56128	9.7587
15 800	15 788	256.871	–16.279	5.53894	7.51191	9.7581
16 000	15 988	256.475	–16.675	5.49425 +2	7.46279 –1	9.7575
16 200	16 187	256.079	–17.071	5.44985	7.41392	9.7569
16 400	16 387	255.684	–17.466	5.40575	7.36530	9.7562
16 600	16 587	255.288	–17.862	5.36193	7.31692	9.7556
16 800	16 786	254.893	–18.257	5.31840	7.26879	9.7550
17 000	16 986	254.497	–18.653	5.27516	7.22090	9.7544
17 200	17 186	254.101	–19.049	5.23221	7.17325	9.7538
17 400	17 385	253.706	–19.444	5.18954	7.12584	9.7532
17 600	17 585	253.310	–19.840	5.14715	7.07868	9.7526
17 800	17 785	252.915	–20.235	5.10504	7.03175	9.7520
18 000	17 984	252.519	–20.631	5.06322 +2	6.98507 –1	9.7513
18 200	18 184	252.124	–21.026	5.02167	6.93862	9.7507
18 400	18 384	251.728	–21.422	4.98040	6.89241	9.7501
18 600	18 583	251.333	–21.817	4.93941	6.84644	9.7495
18 800	18 783	250.937	–22.213	4.89869	6.80070	9.7489
19 000	18 983	250.541	–22.609	4.85825	6.75520	9.7483
19 200	19 182	250.146	–23.004	4.81807	6.70993	9.7477
19 400	19 382	249.750	–23.400	4.77817	6.66489	9.7471
19 600	19 582	249.355	–23.795	4.73853	6.62009	9.7465
19 800	19 781	248.959	–24.191	4.69916	6.57552	9.7458

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
8 000	8 003	272.300	–0.850	7.52623 +2	9.62870 –1	9.7991
8 200	8 203	271.904	–1.246	7.46885	9.56921	9.7989
8 400	8 403	271.508	–1.642	7.41182	9.51000	9.7988
8 600	8 604	271.112	–2.038	7.35514	9.45107	9.7986
8 800	8 804	270.715	–2.435	7.29882	9.39242	9.7984
9 000	9 004	270.319	–2.831	7.24285	9.33406	9.7982
9 200	9 204	269.923	–3.227	7.18722	9.27597	9.7980
9 400	9 404	269.527	–3.623	7.13194	9.21815	9.7978
9 600	9 604	269.130	–4.020	7.07700	9.16061	9.7976
9 800	9 805	268.734	–4.416	7.02241	9.10335	9.7974
10 000	10 005	268.338	–4.812	6.96816 +2	9.04636 –1	9.7972
10 200	10 205	267.942	–5.208	6.91425	8.98965	9.7971
10 400	10 405	267.546	–5.604	6.86068	8.93321	9.7969
10 600	10 605	267.149	–6.001	6.80744	8.87704	9.7967
10 800	10 806	266.753	–6.397	6.75454	8.82114	9.7965
11 000	11 006	266.357	–6.793	6.70197	8.76551	9.7963
11 200	11 206	265.961	–7.189	6.64974	8.71014	9.7961
11 400	11 406	265.564	–7.586	6.59783	8.65505	9.7959
11 600	11 606	265.168	–7.982	6.54625	8.60022	9.7957
11 800	11 807	264.772	–8.378	6.49500	8.54566	9.7956
12 000	12 007	264.376	–8.774	6.44408 +2	8.49137 –1	9.7954
12 200	12 207	263.979	–9.171	6.39348	8.43734	9.7952
12 400	12 407	263.583	–9.567	6.34320	8.38357	9.7950
12 600	12 608	263.187	–9.963	6.29324	8.33006	9.7948
12 800	12 808	262.791	–10.359	6.24360	8.27682	9.7946
13 000	13 008	262.394	–10.756	6.19428	8.22384	9.7944
13 200	13 208	261.998	–11.152	6.14528	8.17111	9.7942
13 400	13 409	261.602	–11.548	6.09659	8.11865	9.7941
13 600	13 609	261.206	–11.944	6.04821	8.06644	9.7939
13 800	13 809	260.809	–12.341	6.00014	8.01450	9.7937
14 000	14 009	260.413	–12.737	5.95238 +2	7.96280 –1	9.7935
14 200	14 210	260.017	–13.133	5.90493	7.91137	9.7933
14 400	14 410	259.621	–13.529	5.85779	7.86018	9.7931
14 600	14 610	259.224	–13.926	5.81096	7.80926	9.7929
14 800	14 811	258.828	–14.322	5.76442	7.75858	9.7927
15 000	15 011	258.432	–14.718	5.71819	7.70816	9.7925
15 200	15 211	258.036	–15.114	5.67226	7.65798	9.7924
15 400	15 411	257.640	–15.510	5.62663	7.60806	9.7922
15 600	15 612	257.243	–15.907	5.58130	7.55839	9.7920
15 800	15 812	256.847	–16.303	5.53626	7.50896	9.7918
16 000	16 012	256.451	–16.699	5.49152 +2	7.45979 –1	9.7916
16 200	16 213	256.055	–17.095	5.44707	7.41086	9.7914
16 400	16 413	255.658	–17.492	5.40291	7.36217	9.7912
16 600	16 613	255.262	–17.888	5.35904	7.31373	9.7910
16 800	16 814	254.866	–18.284	5.31546	7.26554	9.7909
17 000	17 014	254.470	–18.680	5.27217	7.21759	9.7907
17 200	17 214	254.073	–19.077	5.22917	7.16988	9.7905
17 400	17 415	253.677	–19.473	5.18645	7.12241	9.7903
17 600	17 615	253.281	–19.869	5.14401	7.07518	9.7901
17 800	17 815	252.885	–20.265	5.10186	7.02819	9.7899
18 000	18 016	252.488	–20.662	5.05998 +2	6.98145 –1	9.7897
18 200	18 216	252.092	–21.058	5.01838	6.93494	9.7895
18 400	18 416	251.696	–21.454	4.97706	6.88867	9.7894
18 600	18 617	251.300	–21.850	4.93602	6.84263	9.7892
18 800	18 817	250.903	–22.247	4.89525	6.79683	9.7890
19 000	19 017	250.507	–22.643	4.85475	6.75126	9.7888
19 200	19 218	250.111	–23.039	4.81453	6.70593	9.7886
19 400	19 418	249.715	–23.435	4.77458	6.66084	9.7884
19 600	19 618	249.318	–23.832	4.73489	6.61597	9.7882
19 800	19 819	248.922	–24.228	4.69547	6.57134	9.7880

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
20 000	19 981	248.564	–24.586	4.66006 +2	6.53118 –1	9.7452
20 200	20 180	248.168	–24.982	4.62122	6.48707	9.7446
20 400	20 380	247.773	–25.377	4.58265	6.44319	9.7440
20 600	20 580	247.378	–25.772	4.54434	6.39953	9.7434
20 800	20 779	246.982	–26.168	4.50629	6.35611	9.7428
21 000	20 979	246.587	–26.563	4.46849	6.31291	9.7422
21 200	21 178	246.191	–26.959	4.43096	6.26994	9.7416
21 400	21 378	245.796	–27.354	4.39368	6.22719	9.7410
21 600	21 578	245.400	–27.750	4.35666	6.18467	9.7403
21 800	21 777	245.005	–28.145	4.31989	6.14236	9.7397
22 000	21 977	244.610	–28.540	4.28337 +2	6.10029 –1	9.7391
22 200	22 176	244.214	–28.936	4.24710	6.05843	9.7385
22 400	22 376	243.819	–29.331	4.21109	6.01679	9.7379
22 600	22 576	243.423	–29.727	4.17532	5.97538	9.7373
22 800	22 775	243.028	–30.122	4.13980	5.93418	9.7367
23 000	22 975	242.633	–30.517	4.10452	5.89321	9.7361
23 200	23 174	242.237	–30.913	4.06949	5.85245	9.7355
23 400	23 374	241.842	–31.308	4.03470	5.81190	9.7348
23 600	23 573	241.447	–31.703	4.00016	5.77157	9.7342
23 800	23 773	241.051	–32.099	3.96585	5.73146	9.7336
24 000	23 972	240.656	–32.494	3.93179 +2	5.69156 –1	9.7330
24 200	24 172	240.261	–32.889	3.89796	5.65188	9.7324
24 400	24 371	239.865	–33.285	3.86437	5.61241	9.7318
24 600	24 571	239.470	–33.680	3.83101	5.57315	9.7312
24 800	24 771	239.075	–34.075	3.79789	5.53410	9.7306
25 000	24 970	238.679	–34.471	3.76500	5.49526	9.7300
25 200	25 170	238.284	–34.866	3.73234	5.45663	9.7294
25 400	25 369	237.889	–35.261	3.69992	5.41821	9.7287
25 600	25 569	237.493	–35.657	3.66772	5.38000	9.7281
25 800	25 768	237.098	–36.052	3.63575	5.34200	9.7275
26 000	25 968	236.703	–36.447	3.60401 +2	5.30420 –1	9.7269
26 200	26 167	236.308	–36.842	3.57249	5.26661	9.7263
26 400	26 367	235.912	–37.238	3.54119	5.22922	9.7257
26 600	26 566	235.517	–37.633	3.51012	5.19204	9.7251
26 800	26 766	235.122	–38.028	3.47928	5.15506	9.7245
27 000	26 965	234.727	–38.423	3.44865	5.11828	9.7239
27 200	27 165	234.332	–38.818	3.41824	5.08171	9.7233
27 400	27 364	233.936	–39.214	3.38805	5.04533	9.7227
27 600	27 564	233.541	–39.609	3.35807	5.00916	9.7220
27 800	27 763	233.146	–40.004	3.32831	4.97318	9.7214
28 000	27 962	232.751	–40.399	3.29877 +2	4.93741 –1	9.7208
28 200	28 162	232.356	–40.794	3.26944	4.90183	9.7202
28 400	28 361	231.960	–41.190	3.24032	4.86645	9.7196
28 600	28 561	231.565	–41.585	3.21141	4.83126	9.7190
28 800	28 760	231.170	–41.980	3.18271	4.79627	9.7184
29 000	28 960	230.775	–42.375	3.15422	4.76148	9.7178
29 200	29 159	230.380	–42.770	3.12594	4.72688	9.7172
29 400	29 359	229.985	–43.165	3.09787	4.69247	9.7166
29 600	29 558	229.590	–43.560	3.06999	4.65826	9.7160
29 800	29 757	229.194	–43.956	3.04233	4.62423	9.7153
30 000	29 957	228.799	–44.351	3.01486 +2	4.59040 –1	9.7147
30 200	30 156	228.404	–44.746	2.98760	4.55676	9.7141
30 400	30 356	228.009	–45.141	2.96054	4.52331	9.7135
30 600	30 555	227.614	–45.536	2.93368	4.49005	9.7129
30 800	30 755	227.219	–45.931	2.90701	4.45697	9.7123
31 000	30 954	226.824	–46.326	2.88054	4.42409	9.7117
31 200	31 153	226.429	–46.721	2.85427	4.39139	9.7111
31 400	31 353	226.034	–47.116	2.82819	4.35887	9.7105
31 600	31 552	225.639	–47.511	2.80231	4.32654	9.7099
31 800	31 752	225.244	–47.906	2.77662	4.29440	9.7093

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
20 000	20 019	248.526	–24.624	4.65632 +2	6.52693 –1	9.7879
20 200	20 220	248.130	–25.020	4.61743	6.48276	9.7877
20 400	20 420	247.734	–25.416	4.57881	6.43882	9.7875
20 600	20 620	247.337	–25.813	4.54045	6.39510	9.7873
20 800	20 821	246.941	–26.209	4.50235	6.35161	9.7871
21 000	21 021	246.545	–26.605	4.46451	6.30835	9.7869
21 200	21 222	246.149	–27.001	4.42692	6.26532	9.7867
21 400	21 422	245.752	–27.398	4.38960	6.22250	9.7865
21 600	21 622	245.356	–27.794	4.35253	6.17992	9.7863
21 800	21 823	244.960	–28.190	4.31571	6.13755	9.7862
22 000	22 023	244.564	–28.586	4.27914 +2	6.09541 –1	9.7860
22 200	22 224	244.167	–28.983	4.24283	6.05349	9.7858
22 400	22 424	243.771	–29.379	4.20677	6.01180	9.7856
22 600	22 625	243.375	–29.775	4.17095	5.97032	9.7854
22 800	22 825	242.979	–30.171	4.13538	5.92906	9.7852
23 000	23 025	242.582	–30.568	4.10006	5.88802	9.7850
23 200	23 226	242.186	–30.964	4.06498	5.84720	9.7848
23 400	23 426	241.790	–31.360	4.03015	5.80659	9.7847
23 600	23 627	241.394	–31.756	3.99556	5.76620	9.7845
23 800	23 827	240.997	–32.153	3.96121	5.72603	9.7843
24 000	24 028	240.601	–32.549	3.92710 +2	5.68607 –1	9.7841
24 200	24 228	240.205	–32.945	3.89322	5.64632	9.7839
24 400	24 429	239.809	–33.341	3.85959	5.60679	9.7837
24 600	24 629	239.412	–33.738	3.82619	5.56746	9.7835
24 800	24 830	239.016	–34.134	3.79302	5.52835	9.7833
25 000	25 030	238.620	–34.530	3.76009	5.48945	9.7832
25 200	25 230	238.224	–34.926	3.72739	5.45076	9.7830
25 400	25 431	237.828	–35.322	3.69492	5.41228	9.7828
25 600	25 631	237.431	–35.719	3.66268	5.37401	9.7826
25 800	25 832	237.035	–36.115	3.63066	5.33595	9.7824
26 000	26 032	236.639	–36.511	3.59888 +2	5.29809 –1	9.7822
26 200	26 233	236.243	–36.907	3.56732	5.26043	9.7820
26 400	26 433	235.846	–37.304	3.53598	5.22299	9.7818
26 600	26 634	235.450	–37.700	3.50487	5.18574	9.7817
26 800	26 834	235.054	–38.096	3.47398	5.14870	9.7815
27 000	27 035	234.658	–38.492	3.44331	5.11187	9.7813
27 200	27 236	234.261	–38.889	3.41286	5.07523	9.7811
27 400	27 436	233.865	–39.285	3.38263	5.03880	9.7809
27 600	27 637	233.469	–39.681	3.35261	5.00256	9.7807
27 800	27 837	233.073	–40.077	3.32282	4.96653	9.7805
28 000	28 038	232.676	–40.474	3.29323 +2	4.93069 –1	9.7803
28 200	28 238	232.280	–40.870	3.26386	4.89506	9.7801
28 400	28 439	231.884	–41.266	3.23471	4.85962	9.7800
28 600	28 639	231.488	–41.662	3.20576	4.82438	9.7798
28 800	28 840	231.091	–42.059	3.17702	4.78933	9.7796
29 000	29 040	230.695	–42.455	3.14850	4.75448	9.7794
29 200	29 241	230.299	–42.851	3.12018	4.71982	9.7792
29 400	29 442	229.903	–43.247	3.09206	4.68536	9.7790
29 600	29 642	229.506	–43.644	3.06416	4.65108	9.7788
29 800	29 843	229.110	–44.040	3.03645	4.61701	9.7786
30 000	30 043	228.714	–44.436	3.00895 +2	4.58312 –1	9.7785
30 200	30 244	228.318	–44.832	2.98166	4.54942	9.7783
30 400	30 444	227.922	–45.228	2.95456	4.51591	9.7781
30 600	30 645	227.525	–45.625	2.92766	4.48260	9.7779
30 800	30 846	227.129	–46.021	2.90096	4.44947	9.7777
31 000	31 046	226.733	–46.417	2.87446	4.41652	9.7775
31 200	31 247	226.337	–46.813	2.84816	4.38377	9.7773
31 400	31 447	225.940	–47.210	2.82205	4.35120	9.7771
31 600	31 648	225.544	–47.606	2.79613	4.31882	9.7770
31 800	31 849	225.148	–48.002	2.77041	4.28662	9.7768

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
32 000	31 951	224.849	–48.301	2.75112 +2	4.26243 –1	9.7087
32 200	32 150	224.454	–48.696	2.72581	4.23066	9.7080
32 400	32 350	224.059	–49.091	2.70070	4.19906	9.7074
32 600	32 549	223.664	–49.486	2.67576	4.16764	9.7068
32 800	32 748	223.269	–49.881	2.65102	4.13641	9.7062
33 000	32 948	222.874	–50.276	2.62646	4.10535	9.7056
33 200	33 147	222.479	–50.671	2.60209	4.07448	9.7050
33 400	33 347	222.084	–51.066	2.57790	4.04378	9.7044
33 600	33 546	221.689	–51.461	2.55390	4.01326	9.7038
33 800	33 745	221.294	–51.856	2.53007	3.98292	9.7032
34 000	33 945	220.899	–52.251	2.50643 +2	3.95276 –1	9.7026
34 200	34 144	220.504	–52.646	2.48297	3.92277	9.7020
34 400	34 343	220.109	–53.041	2.45968	3.89295	9.7014
34 600	34 543	219.714	–53.436	2.43657	3.86331	9.7008
34 800	34 742	219.319	–53.831	2.41364	3.83385	9.7002
35 000	34 941	218.924	–54.226	2.39089	3.80455	9.6995
35 200	35 141	218.529	–54.621	2.36831	3.77543	9.6989
35 400	35 340	218.134	–55.016	2.34590	3.74648	9.6983
35 600	35 539	217.739	–55.411	2.32366	3.71770	9.6977
35 800	35 739	217.345	–55.805	2.30160	3.68909	9.6971
36 000	35 938	216.950	–56.200	2.27971 +2	3.66065 –1	9.6965
36 200	36 137	216.650	–56.500	2.25798	3.63078	9.6959
36 400	36 337	216.650	–56.500	2.23646	3.59617	9.6953
36 600	36 536	216.650	–56.500	2.21514	3.56188	9.6947
36 800	36 735	216.650	–56.500	2.19402	3.52793	9.6941
37 000	36 934	216.650	–56.500	2.17310	3.49430	9.6935
37 200	37 134	216.650	–56.500	2.15239	3.46098	9.6929
37 400	37 333	216.650	–56.500	2.13187	3.42799	9.6923
37 600	37 532	216.650	–56.500	2.11155	3.39532	9.6917
37 800	37 732	216.650	–56.500	2.09142	3.36295	9.6911
38 000	37 931	216.650	–56.500	2.07148 +2	3.33089 –1	9.6904
38 200	38 130	216.650	–56.500	2.05174	3.29914	9.6898
38 400	38 329	216.650	–56.500	2.03218	3.26770	9.6892
38 600	38 529	216.650	–56.500	2.01281	3.23655	9.6886
38 800	38 728	216.650	–56.500	1.99363	3.20570	9.6880
39 000	38 927	216.650	–56.500	1.97462	3.17515	9.6874
39 200	39 126	216.650	–56.500	1.95580	3.14489	9.6868
39 400	39 326	216.650	–56.500	1.93716	3.11491	9.6862
39 600	39 525	216.650	–56.500	1.91870	3.08522	9.6856
39 800	39 724	216.650	–56.500	1.90042	3.05582	9.6850
40 000	39 923	216.650	–56.500	1.88230 +2	3.02670 –1	9.6844
40 200	40 123	216.650	–56.500	1.86437	2.99785	9.6838
40 400	40 322	216.650	–56.500	1.84660	2.96928	9.6832
40 600	40 521	216.650	–56.500	1.82900	2.94099	9.6826
40 800	40 720	216.650	–56.500	1.81157	2.91296	9.6820
41 000	40 920	216.650	–56.500	1.79431	2.88520	9.6814
41 200	41 119	216.650	–56.500	1.77721	2.85771	9.6808
41 400	41 318	216.650	–56.500	1.76027	2.83048	9.6802
41 600	41 517	216.650	–56.500	1.74350	2.80351	9.6795
41 800	41 716	216.650	–56.500	1.72689	2.77679	9.6789
42 000	41 916	216.650	–56.500	1.71043 +2	2.75033 –1	9.6783
42 200	42 115	216.650	–56.500	1.69414	2.72413	9.6777
42 400	42 314	216.650	–56.500	1.67799	2.69817	9.6771
42 600	42 513	216.650	–56.500	1.66201	2.67246	9.6765
42 800	42 712	216.650	–56.500	1.64617	2.64700	9.6759
43 000	42 912	216.650	–56.500	1.63049	2.62178	9.6753
43 200	43 111	216.650	–56.500	1.61495	2.59680	9.6747
43 400	43 310	216.650	–56.500	1.59957	2.57206	9.6741
43 600	43 509	216.650	–56.500	1.58433	2.54756	9.6735
43 800	43 708	216.650	–56.500	1.56923	2.52329	9.6729

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
32 000	32 049	224.752	–48.398	2.74488 +2	4.25460 –1	9.7766
32 200	32 250	224.355	–48.795	2.71954	4.22277	9.7764
32 400	32 450	223.959	–49.191	2.69439	4.19112	9.7762
32 600	32 651	223.563	–49.587	2.66943	4.15966	9.7760
32 800	32 852	223.167	–49.983	2.64466	4.12837	9.7758
33 000	33 052	222.770	–50.380	2.62007	4.09726	9.7756
33 200	33 253	222.374	–50.776	2.59567	4.06634	9.7755
33 400	33 454	221.978	–51.172	2.57145	4.03559	9.7753
33 600	33 654	221.582	–51.568	2.54742	4.00502	9.7751
33 800	33 855	221.185	–51.965	2.52357	3.97463	9.7749
34 000	34 056	220.789	–52.361	2.49990 +2	3.94441 –1	9.7747
34 200	34 256	220.393	–52.757	2.47641	3.91438	9.7745
34 400	34 457	219.997	–53.153	2.45310	3.88451	9.7743
34 600	34 657	219.600	–53.550	2.42996	3.85482	9.7741
34 800	34 858	219.204	–53.946	2.40701	3.82531	9.7740
35 000	35 059	218.808	–54.342	2.38423	3.79597	9.7738
35 200	35 260	218.412	–54.738	2.36162	3.76680	9.7736
35 400	35 460	218.016	–55.134	2.33919	3.73780	9.7734
35 600	35 661	217.619	–55.531	2.31693	3.70897	9.7732
35 800	35 862	217.223	–55.927	2.29484	3.68032	9.7730
36 000	36 062	216.827	–56.323	2.27293 +2	3.65183 –1	9.7728
36 200	36 263	216.650	–56.500	2.25119	3.61985	9.7726
36 400	36 464	216.650	–56.500	2.22965	3.58522	9.7724
36 600	36 664	216.650	–56.500	2.20832	3.55092	9.7723
36 800	36 865	216.650	–56.500	2.18719	3.51695	9.7721
37 000	37 066	216.650	–56.500	2.16627	3.48331	9.7719
37 200	37 266	216.650	–56.500	2.14555	3.44998	9.7717
37 400	37 467	216.650	–56.500	2.12502	3.41698	9.7715
37 600	37 668	216.650	–56.500	2.10469	3.38429	9.7713
37 800	37 869	216.650	–56.500	2.08456	3.35191	9.7711
38 000	38 069	216.650	–56.500	2.06461 +2	3.31985 –1	9.7709
38 200	38 270	216.650	–56.500	2.04486	3.28809	9.7708
38 400	38 471	216.650	–56.500	2.02530	3.25663	9.7706
38 600	38 672	216.650	–56.500	2.00592	3.22548	9.7704
38 800	38 872	216.650	–56.500	1.98673	3.19462	9.7702
39 000	39 073	216.650	–56.500	1.96773	3.16406	9.7700
39 200	39 274	216.650	–56.500	1.94890	3.13379	9.7698
39 400	39 475	216.650	–56.500	1.93026	3.10381	9.7696
39 600	39 675	216.650	–56.500	1.91179	3.07412	9.7694
39 800	39 876	216.650	–56.500	1.89350	3.04471	9.7693
40 000	40 077	216.650	–56.500	1.87539 +2	3.01558 –1	9.7691
40 200	40 278	216.650	–56.500	1.85745	2.98673	9.7689
40 400	40 478	216.650	–56.500	1.83968	2.95816	9.7687
40 600	40 679	216.650	–56.500	1.82208	2.92986	9.7685
40 800	40 880	216.650	–56.500	1.80465	2.90183	9.7683
41 000	41 081	216.650	–56.500	1.78738	2.87407	9.7681
41 200	41 282	216.650	–56.500	1.77028	2.84657	9.7679
41 400	41 482	216.650	–56.500	1.75335	2.81934	9.7678
41 600	41 683	216.650	–56.500	1.73657	2.79237	9.7676
41 800	41 884	216.650	–56.500	1.71996	2.76566	9.7674
42 000	42 085	216.650	–56.500	1.70351 +2	2.73920 –1	9.7672
42 200	42 286	216.650	–56.500	1.68721	2.71299	9.7670
42 400	42 486	216.650	–56.500	1.67107	2.68704	9.7668
42 600	42 687	216.650	–56.500	1.65508	2.66133	9.7666
42 800	42 888	216.650	–56.500	1.63925	2.63587	9.7664
43 000	43 089	216.650	–56.500	1.62357	2.61066	9.7663
43 200	43 290	216.650	–56.500	1.60804	2.58568	9.7661
43 400	43 491	216.650	–56.500	1.59265	2.56094	9.7659
43 600	43 691	216.650	–56.500	1.57742	2.53645	9.7657
43 800	43 892	216.650	–56.500	1.56232	2.51218	9.7655

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
44 000	43 907	216.650	–56.500	1.55428 +2	2.49925 –1	9.6723
44 200	44 107	216.650	–56.500	1.53948	2.47544	9.6717
44 400	44 306	216.650	–56.500	1.52481	2.45186	9.6711
44 600	44 505	216.650	–56.500	1.51029	2.42850	9.6705
44 800	44 704	216.650	–56.500	1.49590	2.40537	9.6699
45 000	44 903	216.650	–56.500	1.48165	2.38245	9.6693
45 200	45 102	216.650	–56.500	1.46754	2.35976	9.6687
45 400	45 301	216.650	–56.500	1.45356	2.33728	9.6681
45 600	45 501	216.650	–56.500	1.43971	2.31502	9.6675
45 800	45 700	216.650	–56.500	1.42600	2.29297	9.6669
46 000	45 899	216.650	–56.500	1.41242 +2	2.27113 –1	9.6662
46 200	46 098	216.650	–56.500	1.39896	2.24950	9.6656
46 400	46 297	216.650	–56.500	1.38564	2.22807	9.6650
46 600	46 496	216.650	–56.500	1.37244	2.20685	9.6644
46 800	46 695	216.650	–56.500	1.35937	2.18583	9.6638
47 000	46 894	216.650	–56.500	1.34642	2.16501	9.6632
47 200	47 093	216.650	–56.500	1.33360	2.14440	9.6626
47 400	47 293	216.650	–56.500	1.32090	2.12397	9.6620
47 600	47 492	216.650	–56.500	1.30832	2.10375	9.6614
47 800	47 691	216.650	–56.500	1.29586	2.08371	9.6608
48 000	47 890	216.650	–56.500	1.28352 +2	2.06387 –1	9.6602
48 200	48 089	216.650	–56.500	1.27130	2.04421	9.6596
48 400	48 288	216.650	–56.500	1.25919	2.02475	9.6590
48 600	48 487	216.650	–56.500	1.24720	2.00547	9.6584
48 800	48 686	216.650	–56.500	1.23532	1.98637	9.6578
49 000	48 885	216.650	–56.500	1.22356	1.96746	9.6572
49 200	49 084	216.650	–56.500	1.21191	1.94872	9.6566
49 400	49 283	216.650	–56.500	1.20037	1.93017	9.6560
49 600	49 482	216.650	–56.500	1.18894	1.91179	9.6554
49 800	49 681	216.650	–56.500	1.17762	1.89359	9.6548
50 000	49 880	216.650	–56.500	1.16641 +2	1.87556 –1	9.6542
50 200	50 079	216.650	–56.500	1.15530	1.85770	9.6536
50 400	50 278	216.650	–56.500	1.14430	1.84001	9.6530
50 600	50 478	216.650	–56.500	1.13341	1.82249	9.6524
50 800	50 677	216.650	–56.500	1.12262	1.80514	9.6518
51 000	50 876	216.650	–56.500	1.11193	1.78796	9.6512
51 200	51 075	216.650	–56.500	1.10134	1.77094	9.6506
51 400	51 274	216.650	–56.500	1.09086	1.75408	9.6500
51 600	51 473	216.650	–56.500	1.08048	1.73738	9.6494
51 800	51 672	216.650	–56.500	1.07019	1.72084	9.6488
52 000	51 871	216.650	–56.500	1.06000 +2	1.70446 –1	9.6482
52 200	52 070	216.650	–56.500	1.04991	1.68823	9.6476
52 400	52 269	216.650	–56.500	1.03992	1.67216	9.6470
52 600	52 468	216.650	–56.500	1.03002	1.65624	9.6463
52 800	52 667	216.650	–56.500	1.02021	1.64048	9.6457
53 000	52 866	216.650	–56.500	1.01050	1.62486	9.6451
53 200	53 065	216.650	–56.500	1.00088	1.60940	9.6445
53 400	53 264	216.650	–56.500	9.91358 +1	1.59408	9.6439
53 600	53 463	216.650	–56.500	9.81922	1.57891	9.6433
53 800	53 662	216.650	–56.500	9.72577	1.56388	9.6427
54 000	53 861	216.650	–56.500	9.63320 +1	1.54900 –1	9.6421
54 200	54 060	216.650	–56.500	9.54152	1.53425	9.6415
54 400	54 258	216.650	–56.500	9.45071	1.51965	9.6409
54 600	54 457	216.650	–56.500	9.36077	1.50519	9.6403
54 800	54 656	216.650	–56.500	9.27168	1.49086	9.6397
55 000	54 855	216.650	–56.500	9.18344	1.47668	9.6391
55 200	55 054	216.650	–56.500	9.09605	1.46262	9.6385
55 400	55 253	216.650	–56.500	9.00949	1.44870	9.6379
55 600	55 452	216.650	–56.500	8.92375	1.43492	9.6373
55 800	55 651	216.650	–56.500	8.83883	1.42126	9.6367

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
44 000	44 093	216.650	–56.500	1.54738 +2	2.48815 –1	9.7653
44 200	44 294	216.650	–56.500	1.53258	2.46434	9.7651
44 400	44 495	216.650	–56.500	1.51791	2.44077	9.7649
44 600	44 696	216.650	–56.500	1.50339	2.41742	9.7648
44 800	44 896	216.650	–56.500	1.48901	2.39429	9.7646
45 000	45 097	216.650	–56.500	1.47477	2.37139	9.7644
45 200	45 298	216.650	–56.500	1.46066	2.34870	9.7642
45 400	45 499	216.650	–56.500	1.44668	2.32623	9.7640
45 600	45 700	216.650	–56.500	1.43284	2.30398	9.7638
45 800	45 901	216.650	–56.500	1.41914	2.28194	9.7636
46 000	46 102	216.650	–56.500	1.40556 +2	2.26010 –1	9.7634
46 200	46 303	216.650	–56.500	1.39211	2.23848	9.7632
46 400	46 503	216.650	–56.500	1.37880	2.21707	9.7631
46 600	46 704	216.650	–56.500	1.36560	2.19586	9.7629
46 800	46 905	216.650	–56.500	1.35254	2.17485	9.7627
47 000	47 106	216.650	–56.500	1.33960	2.15405	9.7625
47 200	47 307	216.650	–56.500	1.32679	2.13344	9.7623
47 400	47 508	216.650	–56.500	1.31409	2.11303	9.7621
47 600	47 709	216.650	–56.500	1.30152	2.09281	9.7619
47 800	47 910	216.650	–56.500	1.28907	2.07279	9.7617
48 000	48 111	216.650	–56.500	1.27674 +2	2.05296 –1	9.7616
48 200	48 312	216.650	–56.500	1.26452	2.03332	9.7614
48 400	48 513	216.650	–56.500	1.25243	2.01387	9.7612
48 600	48 714	216.650	–56.500	1.24045	1.99461	9.7610
48 800	48 914	216.650	–56.500	1.22858	1.97552	9.7608
49 000	49 115	216.650	–56.500	1.21682	1.95662	9.7606
49 200	49 316	216.650	–56.500	1.20518	1.93791	9.7604
49 400	49 517	216.650	–56.500	1.19365	1.91937	9.7602
49 600	49 718	216.650	–56.500	1.18224	1.90101	9.7601
49 800	49 919	216.650	–56.500	1.17093	1.88282	9.7599
50 000	50 120	216.650	–56.500	1.15972 +2	1.86481 –1	9.7597
50 200	50 321	216.650	–56.500	1.14863	1.84697	9.7595
50 400	50 522	216.650	–56.500	1.13764	1.82930	9.7593
50 600	50 723	216.650	–56.500	1.12676	1.81180	9.7591
50 800	50 924	216.650	–56.500	1.11598	1.79446	9.7589
51 000	51 125	216.650	–56.500	1.10530	1.77730	9.7587
51 200	51 326	216.650	–56.500	1.09473	1.76029	9.7586
51 400	51 527	216.650	–56.500	1.08425	1.74345	9.7584
51 600	51 728	216.650	–56.500	1.07388	1.72678	9.7582
51 800	51 929	216.650	–56.500	1.06361	1.71026	9.7580
52 000	52 130	216.650	–56.500	1.05343 +2	1.69389 –1	9.7578
52 200	52 331	216.650	–56.500	1.04336	1.67769	9.7576
52 400	52 532	216.650	–56.500	1.03337	1.66164	9.7574
52 600	52 733	216.650	–56.500	1.02349	1.64574	9.7572
52 800	52 934	216.650	–56.500	1.01370	1.63000	9.7571
53 000	53 135	216.650	–56.500	1.00400	1.61441	9.7569
53 200	53 336	216.650	–56.500	9.94394 +1	1.59896	9.7567
53 400	53 537	216.650	–56.500	9.84881	1.58366	9.7565
53 600	53 738	216.650	–56.500	9.75459	1.56851	9.7563
53 800	53 939	216.650	–56.500	9.66127	1.55351	9.7561
54 000	54 140	216.650	–56.500	9.56885 +1	1.53865 –1	9.7559
54 200	54 341	216.650	–56.500	9.47731	1.52393	9.7557
54 400	54 542	216.650	–56.500	9.38664	1.50935	9.7556
54 600	54 743	216.650	–56.500	9.29684	1.49491	9.7554
54 800	54 944	216.650	–56.500	9.20790	1.48061	9.7552
55 000	55 145	216.650	–56.500	9.11981	1.46644	9.7550
55 200	55 346	216.650	–56.500	9.03257	1.45241	9.7548
55 400	55 548	216.650	–56.500	8.94616	1.43852	9.7546
55 600	55 749	216.650	–56.500	8.86057	1.42476	9.7544
55 800	55 950	216.650	–56.500	8.77581	1.41113	9.7542

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
56 000	55 850	216.650	–56.500	8.75473 +1	1.40774 –1	9.6361
56 200	56 049	216.650	–56.500	8.67142	1.39434	9.6355
56 400	56 248	216.650	–56.500	8.58891	1.38108	9.6349
56 600	56 447	216.650	–56.500	8.50718	1.36793	9.6343
56 800	56 646	216.650	–56.500	8.42623	1.35492	9.6337
57 000	56 845	216.650	–56.500	8.34606	1.34203	9.6331
57 200	57 044	216.650	–56.500	8.26665	1.32926	9.6325
57 400	57 242	216.650	–56.500	8.18800	1.31661	9.6319
57 600	57 441	216.650	–56.500	8.11009	1.30408	9.6313
57 800	57 640	216.650	–56.500	8.03293	1.29168	9.6307
58 000	57 839	216.650	–56.500	7.95651 +1	1.27939 –1	9.6301
58 200	58 038	216.650	–56.500	7.88081	1.26721	9.6295
58 400	58 237	216.650	–56.500	7.80583	1.25516	9.6289
58 600	58 436	216.650	–56.500	7.73157	1.24322	9.6283
58 800	58 635	216.650	–56.500	7.65802	1.23139	9.6277
59 000	58 834	216.650	–56.500	7.58517	1.21968	9.6271
59 200	59 032	216.650	–56.500	7.51301	1.20807	9.6265
59 400	59 231	216.650	–56.500	7.44154	1.19658	9.6259
59 600	59 430	216.650	–56.500	7.37076	1.18520	9.6253
59 800	59 629	216.650	–56.500	7.30064	1.17393	9.6247
60 000	59 828	216.650	–56.500	7.23120 +1	1.16276 –1	9.6241
60 200	60 027	216.650	–56.500	7.16241	1.15170	9.6235
60 400	60 226	216.650	–56.500	7.09429	1.14074	9.6229
60 600	60 424	216.650	–56.500	7.02681	1.12989	9.6223
60 800	60 623	216.650	–56.500	6.95997	1.11915	9.6217
61 000	60 822	216.650	–56.500	6.89378	1.10850	9.6211
61 200	61 021	216.650	–56.500	6.82821	1.09796	9.6205
61 400	61 220	216.650	–56.500	6.76327	1.08752	9.6199
61 600	61 419	216.650	–56.500	6.69894	1.07717	9.6193
61 800	61 617	216.650	–56.500	6.63523	1.06693	9.6187
62 000	61 816	216.650	–56.500	6.57213 +1	1.05678 –1	9.6181
62 200	62 015	216.650	–56.500	6.50963	1.04673	9.6175
62 400	62 214	216.650	–56.500	6.44772	1.03678	9.6169
62 600	62 413	216.650	–56.500	6.38640	1.02692	9.6163
62 800	62 611	216.650	–56.500	6.32567	1.01715	9.6157
63 000	62 810	216.650	–56.500	6.26552	1.00748	9.6151
63 200	63 009	216.650	–56.500	6.20594	9.97899 –2	9.6145
63 400	63 208	216.650	–56.500	6.14692	9.88410	9.6139
63 600	63 407	216.650	–56.500	6.08847	9.79011	9.6133
63 800	63 605	216.650	–56.500	6.03058	9.69702	9.6127
64 000	63 804	216.650	–56.500	5.97324 +1	9.60482 –2	9.6121
64 200	64 003	216.650	–56.500	5.91644	9.51349	9.6115
64 400	64 202	216.650	–56.500	5.86019	9.42303	9.6109
64 600	64 401	216.650	–56.500	5.80447	9.33344	9.6103
64 800	64 599	216.650	–56.500	5.74928	9.24470	9.6097
65 000	64 798	216.650	–56.500	5.69462	9.15680	9.6091
65 200	64 997	216.650	–56.500	5.64048	9.06975	9.6085
65 400	65 196	216.650	–56.500	5.58685	8.98352	9.6079
65 600	65 394	216.650	–56.500	5.53373	8.89811	9.6073
65 800	65 593	216.650	–56.500	5.48113	8.81352	9.6067
66 000	65 792	216.703	–56.447	5.42902 +1	8.72759 –2	9.6061
66 200	65 991	216.764	–56.386	5.37743	8.64223	9.6055
66 400	66 189	216.824	–56.326	5.32635	8.55774	9.6049
66 600	66 388	216.885	–56.265	5.27576	8.47410	9.6043
66 800	66 587	216.946	–56.204	5.22567	8.39130	9.6037
67 000	66 785	217.006	–56.144	5.17607	8.30933	9.6031
67 200	66 984	217.067	–56.083	5.12695	8.22819	9.6026
67 400	67 183	217.127	–56.023	5.07832	8.14786	9.6020
67 600	67 382	217.188	–55.962	5.03016	8.06834	9.6014
67 800	67 580	217.248	–55.902	4.98247	7.98963	9.6008

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
56 000	56 151	216.650	–56.500	8.69185 +1	1.39763 –1	9.7541
56 200	56 352	216.650	–56.500	8.60870	1.38426	9.7539
56 400	56 553	216.650	–56.500	8.52634	1.37101	9.7537
56 600	56 754	216.650	–56.500	8.44477	1.35790	9.7535
56 800	56 955	216.650	–56.500	8.36399	1.34491	9.7533
57 000	57 156	216.650	–56.500	8.28397	1.33204	9.7531
57 200	57 357	216.650	–56.500	8.20472	1.31930	9.7529
57 400	57 558	216.650	–56.500	8.12623	1.30668	9.7527
57 600	57 760	216.650	–56.500	8.04849	1.29418	9.7526
57 800	57 961	216.650	–56.500	7.97149	1.28180	9.7524
58 000	58 162	216.650	–56.500	7.89523 +1	1.26953 –1	9.7522
58 200	58 363	216.650	–56.500	7.81970	1.25739	9.7520
58 400	58 564	216.650	–56.500	7.74489	1.24536	9.7518
58 600	58 765	216.650	–56.500	7.67080	1.23345	9.7516
58 800	58 966	216.650	–56.500	7.59742	1.22165	9.7514
59 000	59 167	216.650	–56.500	7.52473	1.20996	9.7512
59 200	59 369	216.650	–56.500	7.45275	1.19838	9.7511
59 400	59 570	216.650	–56.500	7.38145	1.18692	9.7509
59 600	59 771	216.650	–56.500	7.31083	1.17556	9.7507
59 800	59 972	216.650	–56.500	7.24089	1.16432	9.7505
60 000	60 173	216.650	–56.500	7.17162 +1	1.15318 –1	9.7503
60 200	60 374	216.650	–56.500	7.10301	1.14215	9.7501
60 400	60 575	216.650	–56.500	7.03506	1.13122	9.7499
60 600	60 777	216.650	–56.500	6.96776	1.12040	9.7497
60 800	60 978	216.650	–56.500	6.90110	1.10968	9.7496
61 000	61 179	216.650	–56.500	6.83508	1.09906	9.7494
61 200	61 380	216.650	–56.500	6.76969	1.08855	9.7492
61 400	61 581	216.650	–56.500	6.70493	1.07814	9.7490
61 600	61 782	216.650	–56.500	6.64079	1.06782	9.7488
61 800	61 984	216.650	–56.500	6.57726	1.05761	9.7486
62 000	62 185	216.650	–56.500	6.51433 +1	1.04749 –1	9.7484
62 200	62 386	216.650	–56.500	6.45201	1.03747	9.7482
62 400	62 587	216.650	–56.500	6.39029	1.02754	9.7481
62 600	62 788	216.650	–56.500	6.32916	1.01771	9.7479
62 800	62 990	216.650	–56.500	6.26861	1.00798	9.7477
63 000	63 191	216.650	–56.500	6.20864	9.98334 –2	9.7475
63 200	63 392	216.650	–56.500	6.14924	9.88783	9.7473
63 400	63 593	216.650	–56.500	6.09041	9.79324	9.7471
63 600	63 795	216.650	–56.500	6.03215	9.69955	9.7469
63 800	63 996	216.650	–56.500	5.97444	9.60676	9.7467
64 000	64 197	216.650	–56.500	5.91729 +1	9.51485 –2	9.7466
64 200	64 398	216.650	–56.500	5.86068	9.42383	9.7464
64 400	64 599	216.650	–56.500	5.80461	9.33367	9.7462
64 600	64 801	216.650	–56.500	5.74908	9.24438	9.7460
64 800	65 002	216.650	–56.500	5.69408	9.15594	9.7458
65 000	65 203	216.650	–56.500	5.63961	9.06835	9.7456
65 200	65 404	216.650	–56.500	5.58566	8.98160	9.7454
65 400	65 606	216.650	–56.500	5.53222	8.89567	9.7452
65 600	65 807	216.650	–56.500	5.47930	8.81057	9.7451
65 800	66 008	216.706	–56.444	5.42688	8.72405	9.7449
66 000	66 210	216.767	–56.383	5.37499 +1	8.63819 –2	9.7447
66 200	66 411	216.828	–56.322	5.32360	8.55320	9.7445
66 400	66 612	216.889	–56.261	5.27272	8.46907	9.7443
66 600	66 813	216.950	–56.200	5.22234	8.38580	9.7441
66 800	67 015	217.011	–56.139	5.17246	8.30336	9.7439
67 000	67 216	217.072	–56.078	5.12306	8.22176	9.7437
67 200	67 417	217.133	–56.017	5.07415	8.14098	9.7436
67 400	67 619	217.194	–55.956	5.02572	8.06102	9.7434
67 600	67 820	217.254	–55.896	4.97777	7.98186	9.7432
67 800	68 021	217.315	–55.835	4.93029	7.90351	9.7430

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
68 000	67 779	217.309	–55.841	4.93525 +1	7.91170 –2	9.6002
68 200	67 978	217.370	–55.780	4.88849	7.83455	9.5996
68 400	68 176	217.430	–55.720	4.84219	7.75818	9.5990
68 600	68 375	217.491	–55.659	4.79634	7.68258	9.5984
68 800	68 574	217.551	–55.599	4.75093	7.60773	9.5978
69 000	68 772	217.612	–55.538	4.70597	7.53364	9.5972
69 200	68 971	217.672	–55.478	4.66145	7.46029	9.5966
69 400	69 170	217.733	–55.417	4.61736	7.38768	9.5960
69 600	69 369	217.794	–55.356	4.57370	7.31579	9.5954
69 800	69 567	217.854	–55.296	4.53047	7.24463	9.5948
70 000	69 766	217.915	–55.235	4.48766 +1	7.17417 –2	9.5942
70 200	69 964	217.975	–55.175	4.44527	7.10443	9.5936
70 400	70 163	218.036	–55.114	4.40329	7.03538	9.5930
70 600	70 362	218.096	–55.054	4.36171	6.96702	9.5924
70 800	70 560	218.157	–54.993	4.32055	6.89935	9.5918
71 000	70 759	218.217	–54.933	4.27978	6.83235	9.5912
71 200	70 958	218.278	–54.872	4.23941	6.76603	9.5906
71 400	71 156	218.338	–54.812	4.19943	6.70036	9.5900
71 600	71 355	218.399	–54.751	4.15984	6.63536	9.5894
71 800	71 554	218.460	–54.690	4.12064	6.57100	9.5888
72 000	71 752	218.520	–54.630	4.08181 +1	6.50729 –2	9.5882
72 200	71 951	218.581	–54.569	4.04337	6.44421	9.5876
72 400	72 150	218.641	–54.509	4.00530	6.38176	9.5870
72 600	72 348	218.702	–54.448	3.96759	6.31994	9.5864
72 800	72 547	218.762	–54.388	3.93025	6.25873	9.5858
73 000	72 745	218.823	–54.327	3.89328	6.19814	9.5852
73 200	72 944	218.883	–54.267	3.85666	6.13815	9.5846
73 400	73 143	218.944	–54.206	3.82040	6.07875	9.5840
73 600	73 341	219.004	–54.146	3.78449	6.01995	9.5834
73 800	73 540	219.065	–54.085	3.74893	5.96173	9.5829
74 000	73 738	219.125	–54.025	3.71371 +1	5.90410 –2	9.5823
74 200	73 937	219.186	–53.964	3.67884	5.84704	9.5817
74 400	74 136	219.247	–53.903	3.64430	5.79054	9.5811
74 600	74 334	219.307	–53.843	3.61009	5.73461	9.5805
74 800	74 533	219.368	–53.782	3.57622	5.67924	9.5799
75 000	74 731	219.428	–53.722	3.54267	5.62441	9.5793
75 200	74 930	219.489	–53.661	3.50945	5.57013	9.5787
75 400	75 128	219.549	–53.601	3.47655	5.51639	9.5781
75 600	75 327	219.610	–53.540	3.44397	5.46319	9.5775
75 800	75 526	219.670	–53.480	3.41170	5.41051	9.5769
76 000	75 724	219.731	–53.419	3.37975 +1	5.35836 –2	9.5763
76 200	75 923	219.791	–53.359	3.34810	5.30672	9.5757
76 400	76 121	219.852	–53.298	3.31676	5.25560	9.5751
76 600	76 320	219.912	–53.238	3.28572	5.20498	9.5745
76 800	76 518	219.973	–53.177	3.25498	5.15487	9.5739
77 000	76 717	220.033	–53.117	3.22454	5.10525	9.5733
77 200	76 915	220.094	–53.056	3.19439	5.05613	9.5727
77 400	77 114	220.154	–52.996	3.16453	5.00749	9.5721
77 600	77 312	220.215	–52.935	3.13496	4.95933	9.5715
77 800	77 511	220.275	–52.875	3.10567	4.91166	9.5709
78 000	77 709	220.336	–52.814	3.07667 +1	4.86445 –2	9.5703
78 200	77 908	220.396	–52.754	3.04794	4.81771	9.5698
78 400	78 106	220.457	–52.693	3.01949	4.77143	9.5692
78 600	78 305	220.517	–52.633	2.99132	4.72561	9.5686
78 800	78 503	220.578	–52.572	2.96342	4.68025	9.5680
79 000	78 702	220.638	–52.512	2.93578	4.63533	9.5674
79 200	78 900	220.699	–52.451	2.90841	4.59086	9.5668
79 400	79 099	220.759	–52.391	2.88131	4.54683	9.5662
79 600	79 297	220.820	–52.330	2.85446	4.50323	9.5656
79 800	79 496	220.880	–52.270	2.82787	4.46006	9.5650

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
68 000	68 222	217.376	–55.774	4.88327 +1	7.82594 –2	9.7428
68 200	68 424	217.437	–55.713	4.83672	7.74916	9.7426
68 400	68 625	217.498	–55.652	4.79062	7.67316	9.7424
68 600	68 826	217.559	–55.591	4.74498	7.59792	9.7422
68 800	69 028	217.620	–55.530	4.69978	7.52343	9.7421
69 000	69 229	217.681	–55.469	4.65502	7.44970	9.7419
69 200	69 430	217.742	–55.408	4.61070	7.37671	9.7417
69 400	69 632	217.803	–55.347	4.56682	7.30446	9.7415
69 600	69 833	217.864	–55.286	4.52337	7.23293	9.7413
69 800	70 034	217.925	–55.225	4.48034	7.16213	9.7411
70 000	70 236	217.986	–55.164	4.43774 +1	7.09204 –2	9.7409
70 200	70 437	218.047	–55.103	4.39555	7.02265	9.7407
70 400	70 638	218.108	–55.042	4.35377	6.95396	9.7406
70 600	70 840	218.169	–54.981	4.31240	6.88596	9.7404
70 800	71 041	218.230	–54.920	4.27144	6.81864	9.7402
71 000	71 243	218.291	–54.859	4.23087	6.75201	9.7400
71 200	71 444	218.352	–54.798	4.19071	6.68604	9.7398
71 400	71 645	218.413	–54.737	4.15093	6.62073	9.7396
71 600	71 847	218.474	–54.676	4.11155	6.55608	9.7394
71 800	72 048	218.535	–54.615	4.07255	6.49208	9.7392
72 000	72 249	218.596	–54.554	4.03392 +1	6.42872 –2	9.7391
72 200	72 451	218.657	–54.493	3.99568	6.36600	9.7389
72 400	72 652	218.718	–54.432	3.95781	6.30390	9.7387
72 600	72 854	218.778	–54.372	3.92031	6.24243	9.7385
72 800	73 055	218.839	–54.311	3.88317	6.18158	9.7383
73 000	73 256	218.900	–54.250	3.84640	6.12133	9.7381
73 200	73 458	218.961	–54.189	3.80998	6.06169	9.7379
73 400	73 659	219.022	–54.128	3.77392	6.00265	9.7377
73 600	73 861	219.083	–54.067	3.73821	5.94419	9.7376
73 800	74 062	219.144	–54.006	3.70285	5.88633	9.7374
74 000	74 264	219.205	–53.945	3.66783 +1	5.82904 –2	9.7372
74 200	74 465	219.266	–53.884	3.63316	5.77232	9.7370
74 400	74 666	219.327	–53.823	3.59882	5.71617	9.7368
74 600	74 868	219.388	–53.762	3.56481	5.66059	9.7366
74 800	75 069	219.449	–53.701	3.53114	5.60556	9.7364
75 000	75 271	219.510	–53.640	3.49779	5.55108	9.7362
75 200	75 472	219.571	–53.579	3.46476	5.49714	9.7361
75 400	75 674	219.632	–53.518	3.43206	5.44374	9.7359
75 600	75 875	219.693	–53.457	3.39968	5.39088	9.7357
75 800	76 077	219.754	–53.396	3.36761	5.33854	9.7355
76 000	76 278	219.815	–53.335	3.33585 +1	5.28673 –2	9.7353
76 200	76 479	219.876	–53.274	3.30440	5.23543	9.7351
76 400	76 681	219.937	–53.213	3.27325	5.18465	9.7349
76 600	76 882	219.998	–53.152	3.24241	5.13437	9.7347
76 800	77 084	220.059	–53.091	3.21186	5.08459	9.7346
77 000	77 285	220.120	–53.030	3.18161	5.03531	9.7344
77 200	77 487	220.181	–52.969	3.15166	4.98652	9.7342
77 400	77 688	220.242	–52.908	3.12199	4.93822	9.7340
77 600	77 890	220.302	–52.848	3.09261	4.89040	9.7338
77 800	78 091	220.363	–52.787	3.06352	4.84305	9.7336
78 000	78 293	220.424	–52.726	3.03471 +1	4.79618 –2	9.7334
78 200	78 494	220.485	–52.665	3.00617	4.74977	9.7332
78 400	78 696	220.546	–52.604	2.97792	4.70382	9.7331
78 600	78 897	220.607	–52.543	2.94993	4.65833	9.7329
78 800	79 099	220.668	–52.482	2.92222	4.61329	9.7327
79 000	79 300	220.729	–52.421	2.89477	4.56870	9.7325
79 200	79 502	220.790	–52.360	2.86759	4.52456	9.7323
79 400	79 703	220.851	–52.299	2.84068	4.48085	9.7321
79 600	79 905	220.912	–52.238	2.81402	4.43757	9.7319
79 800	80 107	220.973	–52.177	2.78762	4.39473	9.7317

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
80 000	79 694	220.941	–52.209	2.80154 +1	4.41732 –2	9.5644
80 200	79 893	221.001	–52.149	2.77546	4.37500	9.5638
80 400	80 091	221.062	–52.088	2.74963	4.33310	9.5632
80 600	80 290	221.122	–52.028	2.72405	4.29161	9.5626
80 800	80 488	221.183	–51.967	2.69871	4.25053	9.5620
81 000	80 687	221.243	–51.907	2.67362	4.20986	9.5614
81 200	80 885	221.304	–51.846	2.64876	4.16958	9.5608
81 400	81 084	221.364	–51.786	2.62415	4.12971	9.5602
81 600	81 282	221.425	–51.725	2.59977	4.09022	9.5596
81 800	81 480	221.485	–51.665	2.57563	4.05113	9.5591
82 000	81 679	221.546	–51.604	2.55171 +1	4.01242 –2	9.5585
82 200	81 877	221.606	–51.544	2.52803	3.97409	9.5579
82 400	82 076	221.667	–51.483	2.50457	3.93614	9.5573
82 600	82 274	221.727	–51.423	2.48133	3.89856	9.5567
82 800	82 473	221.788	–51.362	2.45832	3.86135	9.5561
83 000	82 671	221.848	–51.302	2.43553	3.82451	9.5555
83 200	82 869	221.909	–51.241	2.41296	3.78803	9.5549
83 400	83 068	221.969	–51.181	2.39060	3.75191	9.5543
83 600	83 266	222.030	–51.120	2.36845	3.71614	9.5537
83 800	83 465	222.090	–51.060	2.34652	3.68073	9.5531
84 000	83 663	222.150	–51.000	2.32480 +1	3.64566 –2	9.5525
84 200	83 861	222.211	–50.939	2.30328	3.61093	9.5519
84 400	84 060	222.271	–50.879	2.28197	3.57655	9.5513
84 600	84 258	222.332	–50.818	2.26086	3.54250	9.5507
84 800	84 457	222.392	–50.758	2.23996	3.50879	9.5502
85 000	84 655	222.453	–50.697	2.21925	3.47541	9.5496
85 200	84 853	222.513	–50.637	2.19874	3.44235	9.5490
85 400	85 052	222.574	–50.576	2.17842	3.40962	9.5484
85 600	85 250	222.634	–50.516	2.15830	3.37721	9.5478
85 800	85 448	222.695	–50.455	2.13837	3.34512	9.5472
86 000	85 647	222.755	–50.395	2.11863 +1	3.31334 –2	9.5466
86 200	85 845	222.816	–50.334	2.09908	3.28187	9.5460
86 400	86 044	222.876	–50.274	2.07972	3.25071	9.5454
86 600	86 242	222.937	–50.213	2.06054	3.21986	9.5448
86 800	86 440	222.997	–50.153	2.04154	3.18931	9.5442
87 000	86 639	223.057	–50.093	2.02272	3.15905	9.5436
87 200	86 837	223.118	–50.032	2.00408	3.12909	9.5430
87 400	87 035	223.178	–49.972	1.98562	3.09943	9.5424
87 600	87 234	223.239	–49.911	1.96733	3.07005	9.5419
87 800	87 432	223.299	–49.851	1.94922	3.04096	9.5413
88 000	87 630	223.360	–49.790	1.93127 +1	3.01215 –2	9.5407
88 200	87 829	223.420	–49.730	1.91350	2.98363	9.5401
88 400	88 027	223.481	–49.669	1.89590	2.95538	9.5395
88 600	88 225	223.541	–49.609	1.87846	2.92741	9.5389
88 800	88 424	223.601	–49.549	1.86119	2.89971	9.5383
89 000	88 622	223.662	–49.488	1.84409	2.87229	9.5377
89 200	88 820	223.722	–49.428	1.82714	2.84512	9.5371
89 400	89 018	223.783	–49.367	1.81036	2.81823	9.5365
89 600	89 217	223.843	–49.307	1.79373	2.79159	9.5359
89 800	89 415	223.904	–49.246	1.77727	2.76522	9.5353
90 000	89 613	223.964	–49.186	1.76096 +1	2.73910 –2	9.5348
90 200	89 812	224.025	–49.125	1.74480	2.71324	9.5342
90 400	90 010	224.085	–49.065	1.72879	2.68762	9.5336
90 600	90 208	224.145	–49.005	1.71294	2.66226	9.5330
90 800	90 406	224.206	–48.944	1.69724	2.63714	9.5324
91 000	90 605	224.266	–48.884	1.68168	2.61227	9.5318
91 200	90 803	224.327	–48.823	1.66627	2.58764	9.5312
91 400	91 001	224.387	–48.763	1.65101	2.56325	9.5306
91 600	91 199	224.448	–48.702	1.63589	2.53909	9.5300
91 800	91 398	224.508	–48.642	1.62092	2.51517	9.5294

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
80 000	80 308	221.034	–52.116	2.76147 +1	4.35231 –2	9.7316
80 200	80 510	221.095	–52.055	2.73558	4.31031	9.7314
80 400	80 711	221.156	–51.994	2.70994	4.26873	9.7312
80 600	80 913	221.217	–51.933	2.68454	4.22756	9.7310
80 800	81 114	221.278	–51.872	2.65939	4.18680	9.7308
81 000	81 316	221.339	–51.811	2.63448	4.14644	9.7306
81 200	81 517	221.400	–51.750	2.60981	4.10649	9.7304
81 400	81 719	221.461	–51.689	2.58538	4.06693	9.7302
81 600	81 921	221.522	–51.628	2.56119	4.02776	9.7301
81 800	82 122	221.583	–51.567	2.53722	3.98898	9.7299
82 000	82 324	221.644	–51.506	2.51349 +1	3.95058 –2	9.7297
82 200	82 525	221.705	–51.445	2.48999	3.91256	9.7295
82 400	82 727	221.766	–51.384	2.46671	3.87492	9.7293
82 600	82 928	221.826	–51.324	2.44366	3.83765	9.7291
82 800	83 130	221.887	–51.263	2.42083	3.80075	9.7289
83 000	83 332	221.948	–51.202	2.39822	3.76421	9.7287
83 200	83 533	222.009	–51.141	2.37582	3.72804	9.7286
83 400	83 735	222.070	–51.080	2.35364	3.69222	9.7284
83 600	83 936	222.131	–51.019	2.33168	3.65676	9.7282
83 800	84 138	222.192	–50.958	2.30992	3.62165	9.7280
84 000	84 340	222.253	–50.897	2.28837 +1	3.58688 –2	9.7278
84 200	84 541	222.314	–50.836	2.26703	3.55246	9.7276
84 400	84 743	222.375	–50.775	2.24590	3.51837	9.7274
84 600	84 945	222.436	–50.714	2.22497	3.48463	9.7273
84 800	85 146	222.497	–50.653	2.20423	3.45121	9.7271
85 000	85 348	222.558	–50.592	2.18370	3.41813	9.7269
85 200	85 549	222.619	–50.531	2.16337	3.38537	9.7267
85 400	85 751	222.680	–50.470	2.14323	3.35293	9.7265
85 600	85 953	222.741	–50.409	2.12328	3.32082	9.7263
85 800	86 154	222.802	–50.348	2.10352	3.28902	9.7261
86 000	86 356	222.863	–50.287	2.08395 +1	3.25753 –2	9.7259
86 200	86 558	222.924	–50.226	2.06457	3.22635	9.7258
86 400	86 759	222.985	–50.165	2.04538	3.19548	9.7256
86 600	86 961	223.046	–50.104	2.02636	3.16491	9.7254
86 800	87 163	223.107	–50.043	2.00754	3.13465	9.7252
87 000	87 364	223.168	–49.982	1.98889	3.10468	9.7250
87 200	87 566	223.229	–49.921	1.97041	3.07501	9.7248
87 400	87 768	223.290	–49.860	1.95212	3.04562	9.7246
87 600	87 970	223.350	–49.800	1.93400	3.01653	9.7244
87 800	88 171	223.411	–49.739	1.91605	2.98772	9.7243
88 000	88 373	223.472	–49.678	1.89828 +1	2.95920 –2	9.7241
88 200	88 575	223.533	–49.617	1.88067	2.93095	9.7239
88 400	88 776	223.594	–49.556	1.86323	2.90298	9.7237
88 600	88 978	223.655	–49.495	1.84596	2.87529	9.7235
88 800	89 180	223.716	–49.434	1.82885	2.84787	9.7233
89 000	89 381	223.777	–49.373	1.81191	2.82071	9.7231
89 200	89 583	223.838	–49.312	1.79513	2.79383	9.7229
89 400	89 785	223.899	–49.251	1.77851	2.76720	9.7228
89 600	89 987	223.960	–49.190	1.76204	2.74084	9.7226
89 800	90 188	224.021	–49.129	1.74574	2.71474	9.7224
90 000	90 390	224.082	–49.068	1.72958 +1	2.68889 –2	9.7222
90 200	90 592	224.143	–49.007	1.71359	2.66329	9.7220
90 400	90 794	224.204	–48.946	1.69774	2.63795	9.7218
90 600	90 995	224.265	–48.885	1.68205	2.61285	9.7216
90 800	91 197	224.326	–48.824	1.66650	2.58800	9.7214
91 000	91 399	224.387	–48.763	1.65110	2.56339	9.7213
91 200	91 601	224.448	–48.702	1.63585	2.53902	9.7211
91 400	91 802	224.509	–48.641	1.62074	2.51489	9.7209
91 600	92 004	224.570	–48.580	1.60578	2.49100	9.7207
91 800	92 206	224.631	–48.519	1.59096	2.46734	9.7205

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
92 000	91 596	224.568	–48.582	1.60608 +1	2.49148 –2	9.5288
92 200	91 794	224.629	–48.521	1.59139	2.46802	9.5282
92 400	91 992	224.689	–48.461	1.57683	2.44479	9.5277
92 600	92 191	224.750	–48.400	1.56242	2.42179	9.5271
92 800	92 389	224.810	–48.340	1.54813	2.39900	9.5265
93 000	92 587	224.871	–48.279	1.53399	2.37644	9.5259
93 200	92 785	224.931	–48.219	1.51997	2.35410	9.5253
93 400	92 984	224.991	–48.159	1.50609	2.33197	9.5247
93 600	93 182	225.052	–48.098	1.49234	2.31006	9.5241
93 800	93 380	225.112	–48.038	1.47872	2.28836	9.5235
94 000	93 578	225.173	–47.977	1.46522 +1	2.26687 –2	9.5229
94 200	93 776	225.233	–47.917	1.45185	2.24558	9.5223
94 400	93 975	225.293	–47.857	1.43861	2.22451	9.5217
94 600	94 173	225.354	–47.796	1.42550	2.20363	9.5212
94 800	94 371	225.414	–47.736	1.41250	2.18296	9.5206
95 000	94 569	225.475	–47.675	1.39963	2.16249	9.5200
95 200	94 767	225.535	–47.615	1.38688	2.14222	9.5194
95 400	94 966	225.596	–47.554	1.37425	2.12214	9.5188
95 600	95 164	225.656	–47.494	1.36174	2.10225	9.5182
95 800	95 362	225.716	–47.434	1.34934	2.08256	9.5176
96 000	95 560	225.777	–47.373	1.33707 +1	2.06306 –2	9.5170
96 200	95 758	225.837	–47.313	1.32490	2.04375	9.5164
96 400	95 956	225.898	–47.252	1.31285	2.02462	9.5158
96 600	96 155	225.958	–47.192	1.30092	2.00567	9.5153
96 800	96 353	226.018	–47.132	1.28909	1.98691	9.5147
97 000	96 551	226.079	–47.071	1.27738	1.96833	9.5141
97 200	96 749	226.139	–47.011	1.26578	1.94993	9.5135
97 400	96 947	226.200	–46.950	1.25428	1.93171	9.5129
97 600	97 145	226.260	–46.890	1.24289	1.91366	9.5123
97 800	97 344	226.320	–46.830	1.23161	1.89579	9.5117
98 000	97 542	226.381	–46.769	1.22044 +1	1.87808 –2	9.5111
98 200	97 740	226.441	–46.709	1.20937	1.86055	9.5105
98 400	97 938	226.501	–46.649	1.19840	1.84319	9.5100
98 600	98 136	226.562	–46.588	1.18754	1.82599	9.5094
98 800	98 334	226.622	–46.528	1.17677	1.80896	9.5088
99 000	98 532	226.683	–46.467	1.16611	1.79209	9.5082
99 200	98 730	226.743	–46.407	1.15555	1.77538	9.5076
99 400	98 928	226.803	–46.347	1.14508	1.75884	9.5070
99 600	99 127	226.864	–46.286	1.13472	1.74245	9.5064
99 800	99 325	226.924	–46.226	1.12445	1.72622	9.5058
100 000	99 523	226.985	–46.165	1.11428 +1	1.71015 –2	9.5052
100 200	99 721	227.045	–46.105	1.10420	1.69423	9.5046
100 400	99 919	227.105	–46.045	1.09421	1.67846	9.5041
100 600	100 117	227.166	–45.984	1.08432	1.66285	9.5035
100 800	100 315	227.226	–45.924	1.07452	1.64738	9.5029
101 000	100 513	227.286	–45.864	1.06481	1.63207	9.5023
101 200	100 711	227.347	–45.803	1.05519	1.61689	9.5017
101 400	100 909	227.407	–45.743	1.04567	1.60187	9.5011
101 600	101 107	227.468	–45.682	1.03623	1.58699	9.5005
101 800	101 306	227.528	–45.622	1.02687	1.57225	9.4999
102 000	101 504	227.588	–45.562	1.01761 +1	1.55765 –2	9.4994
102 200	101 702	227.649	–45.501	1.00843	1.54319	9.4988
102 400	101 900	227.709	–45.441	9.99338 +0	1.52887	9.4982
102 600	102 098	227.769	–45.381	9.90330	1.51469	9.4976
102 800	102 296	227.830	–45.320	9.81405	1.50064	9.4970
103 000	102 494	227.890	–45.260	9.72563	1.48672	9.4964
103 200	102 692	227.950	–45.200	9.63803	1.47294	9.4958
103 400	102 890	228.011	–45.139	9.55125	1.45929	9.4952
103 600	103 088	228.071	–45.079	9.46527	1.44578	9.4946
103 800	103 286	228.132	–45.018	9.38009	1.43239	9.4941

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
92 000	92 408	224.692	–48.458	1.57628 +1	2.44391 –2	9.7203
92 200	92 609	224.753	–48.397	1.56174	2.42071	9.7201
92 400	92 811	224.814	–48.336	1.54734	2.39773	9.7199
92 600	93 013	224.874	–48.276	1.53307	2.37498	9.7198
92 800	93 215	224.935	–48.215	1.51894	2.35246	9.7196
93 000	93 417	224.996	–48.154	1.50495	2.33015	9.7194
93 200	93 618	225.057	–48.093	1.49108	2.30806	9.7192
93 400	93 820	225.118	–48.032	1.47735	2.28618	9.7190
93 600	94 022	225.179	–47.971	1.46375	2.26452	9.7188
93 800	94 224	225.240	–47.910	1.45027	2.24307	9.7186
94 000	94 426	225.301	–47.849	1.43693 +1	2.22182 –2	9.7184
94 200	94 627	225.362	–47.788	1.42371	2.20079	9.7183
94 400	94 829	225.423	–47.727	1.41061	2.17996	9.7181
94 600	95 031	225.484	–47.666	1.39764	2.15933	9.7179
94 800	95 233	225.545	–47.605	1.38480	2.13890	9.7177
95 000	95 435	225.606	–47.544	1.37207	2.11867	9.7175
95 200	95 637	225.667	–47.483	1.35946	2.09864	9.7173
95 400	95 838	225.728	–47.422	1.34698	2.07880	9.7171
95 600	96 040	225.789	–47.361	1.33461	2.05916	9.7170
95 800	96 242	225.850	–47.300	1.32236	2.03970	9.7168
96 000	96 444	225.911	–47.239	1.31022 +1	2.02044 –2	9.7166
96 200	96 646	225.972	–47.178	1.29820	2.00136	9.7164
96 400	96 848	226.033	–47.117	1.28629	1.98247	9.7162
96 600	97 050	226.094	–47.056	1.27450	1.96376	9.7160
96 800	97 251	226.155	–46.995	1.26281	1.94523	9.7158
97 000	97 453	226.216	–46.934	1.25124	1.92689	9.7156
97 200	97 655	226.277	–46.873	1.23977	1.90872	9.7155
97 400	97 857	226.338	–46.812	1.22842	1.89072	9.7153
97 600	98 059	226.398	–46.752	1.21717	1.87290	9.7151
97 800	98 261	226.459	–46.691	1.20602	1.85526	9.7149
98 000	98 463	226.520	–46.630	1.19499 +1	1.83778 –2	9.7147
98 200	98 665	226.581	–46.569	1.18405	1.82047	9.7145
98 400	98 866	226.642	–46.508	1.17322	1.80333	9.7143
98 600	99 068	226.703	–46.447	1.16249	1.78636	9.7141
98 800	99 270	226.764	–46.386	1.15186	1.76955	9.7140
99 000	99 472	226.825	–46.325	1.14133	1.75291	9.7138
99 200	99 674	226.886	–46.264	1.13090	1.73642	9.7136
99 400	99 876	226.947	–46.203	1.12057	1.72010	9.7134
99 600	100 078	227.008	–46.142	1.11034	1.70393	9.7132
99 800	100 280	227.069	–46.081	1.10020	1.68792	9.7130
100 000	100 482	227.130	–46.020	1.09015 +1	1.67206 –2	9.7128
100 200	100 684	227.191	–45.959	1.08021	1.65636	9.7126
100 400	100 886	227.252	–45.898	1.07035	1.64080	9.7125
100 600	101 088	227.313	–45.837	1.06059	1.62540	9.7123
100 800	101 290	227.374	–45.776	1.05092	1.61015	9.7121
101 000	101 492	227.435	–45.715	1.04134	1.59504	9.7119
101 200	101 693	227.496	–45.654	1.03185	1.58008	9.7117
101 400	101 895	227.557	–45.593	1.02244	1.56526	9.7115
101 600	102 097	227.618	–45.532	1.01313	1.55059	9.7113
101 800	102 299	227.679	–45.471	1.00390	1.53606	9.7111
102 000	102 501	227.740	–45.410	9.94765 +0	1.52167 –2	9.7110
102 200	102 703	227.801	–45.349	9.85710	1.50741	9.7108
102 400	102 905	227.862	–45.288	9.76741	1.49330	9.7106
102 600	103 107	227.922	–45.228	9.67856	1.47932	9.7104
102 800	103 309	227.983	–45.167	9.59054	1.46547	9.7102
103 000	103 511	228.044	–45.106	9.50334	1.45176	9.7100
103 200	103 713	228.105	–45.045	9.41696	1.43818	9.7098
103 400	103 915	228.166	–44.984	9.33139	1.42473	9.7096
103 600	104 117	228.227	–44.923	9.24661	1.41141	9.7095
103 800	104 319	228.288	–44.862	9.16263	1.39822	9.7093

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
104 000	103 484	228.192	–44.958	9.29570 +0	1.41912 –2	9.4935
104 500	103 979	228.343	–44.807	9.08814	1.38652	9.4920
105 000	104 474	228.494	–44.656	8.88535	1.35468	9.4905
105 500	104 969	228.645	–44.505	8.68722	1.32360	9.4891
106 000	105 464	229.057	–44.093	8.49375	1.29179	9.4876
106 500	105 959	229.480	–43.670	8.30494	1.26075	9.4861
107 000	106 454	229.902	–43.248	8.12068	1.23052	9.4847
107 500	106 949	230.324	–42.826	7.94084	1.20106	9.4832
108 000	107 444	230.747	–42.403	7.76531	1.17236	9.4817
108 500	107 938	231.169	–41.981	7.59398	1.14440	9.4803
109 000	108 433	231.591	–41.559	7.42674 +0	1.11716 –2	9.4788
109 500	108 928	232.014	–41.136	7.26348	1.09061	9.4773
110 000	109 423	232.436	–40.714	7.10411	1.06474	9.4759
110 500	109 918	232.858	–40.292	6.94852	1.03953	9.4744
111 000	110 412	233.280	–39.870	6.79662	1.01497	9.4729
111 500	110 907	233.703	–39.447	6.64831	9.91028 –3	9.4715
112 000	111 402	234.125	–39.025	6.50351	9.67695	9.4700
112 500	111 896	234.547	–38.603	6.36211	9.44952	9.4685
113 000	112 391	234.969	–38.181	6.22405	9.22785	9.4671
113 500	112 886	235.391	–37.759	6.08922	9.01177	9.4656
114 000	113 380	235.813	–37.337	5.95756 +0	8.80113 –3	9.4642
114 500	113 875	236.235	–36.915	5.82898	8.59579	9.4627
115 000	114 369	236.657	–36.493	5.70340	8.39560	9.4612
115 500	114 864	237.079	–36.071	5.58075	8.20043	9.4598
116 000	115 358	237.501	–35.649	5.46095	8.01014	9.4583
116 500	115 853	237.923	–35.227	5.34394	7.82460	9.4568
117 000	116 347	238.345	–34.805	5.22964	7.64369	9.4554
117 500	116 842	238.767	–34.383	5.11798	7.46727	9.4539
118 000	117 336	239.189	–33.961	5.00891	7.29524	9.4525
118 500	117 830	239.611	–33.539	4.90235	7.12747	9.4510
119 000	118 325	240.033	–33.117	4.79824 +0	6.96385 –3	9.4495
119 500	118 819	240.455	–32.695	4.69653	6.80427	9.4481
120 000	119 313	240.877	–32.273	4.59715	6.64862	9.4466
120 500	119 808	241.299	–31.851	4.50005	6.49681	9.4452
121 000	120 302	241.721	–31.429	4.40516	6.34873	9.4437
121 500	120 796	242.142	–31.008	4.31244	6.20427	9.4423
122 000	121 290	242.564	–30.586	4.22184	6.06336	9.4408
122 500	121 785	242.986	–30.164	4.13329	5.92588	9.4393
123 000	122 279	243.408	–29.742	4.04676	5.79176	9.4379
123 500	122 773	243.829	–29.321	3.96218	5.66091	9.4364
124 000	123 267	244.251	–28.899	3.87952 +0	5.53324 –3	9.4350
124 500	123 761	244.673	–28.477	3.79872	5.40866	9.4335
125 000	124 255	245.094	–28.056	3.71975	5.28711	9.4321
125 500	124 749	245.516	–27.634	3.64255	5.16849	9.4306
126 000	125 243	245.938	–27.212	3.56709	5.05274	9.4291
126 500	125 737	246.359	–26.791	3.49331	4.93977	9.4277
127 000	126 231	246.781	–26.369	3.42119	4.82953	9.4262
127 500	126 725	247.202	–25.948	3.35069	4.72193	9.4248
128 000	127 219	247.624	–25.526	3.28175	4.61691	9.4233
128 500	127 713	248.045	–25.105	3.21435	4.51440	9.4219
129 000	128 207	248.467	–24.683	3.14845 +0	4.41434 –3	9.4204
129 500	128 701	248.888	–24.262	3.08401	4.31667	9.4190
130 000	129 195	249.310	–23.840	3.02100	4.22132	9.4175
130 500	129 688	249.731	–23.419	2.95938	4.12824	9.4161
131 000	130 182	250.153	–22.997	2.89912	4.03737	9.4146
131 500	130 676	250.574	–22.576	2.84019	3.94865	9.4132
132 000	131 170	250.996	–22.154	2.78255	3.86203	9.4117
132 500	131 664	251.417	–21.733	2.72619	3.77745	9.4103
133 000	132 157	251.838	–21.312	2.67106	3.69487	9.4088
133 500	132 651	252.260	–20.890	2.61713	3.61423	9.4074

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
104 000	104 521	228.349	–44.801	9.07943 +0	1.38515 –2	9.7091
104 500	105 026	228.502	–44.648	8.87483	1.35303	9.7086
105 000	105 531	228.661	–44.489	8.67496	1.32164	9.7082
105 500	106 036	229.088	–44.062	8.47985	1.28951	9.7077
106 000	106 542	229.515	–43.635	8.28947	1.25821	9.7072
106 500	107 047	229.941	–43.209	8.10372	1.22774	9.7067
107 000	107 552	230.368	–42.782	7.92246	1.19805	9.7063
107 500	108 057	230.795	–42.355	7.74557	1.16914	9.7058
108 000	108 562	231.222	–41.928	7.57296	1.14097	9.7053
108 500	109 067	231.648	–41.502	7.40449	1.11354	9.7049
109 000	109 573	232.075	–41.075	7.24008 +0	1.08681 –2	9.7044
109 500	110 078	232.502	–40.648	7.07960	1.06077	9.7039
110 000	110 583	232.928	–40.222	6.92297	1.03540	9.7035
110 500	111 089	233.355	–39.795	6.77008	1.01068	9.7030
111 000	111 594	233.782	–39.368	6.62084	9.86599 –3	9.7025
111 500	112 099	234.209	–38.941	6.47515	9.63131	9.7021
112 000	112 605	234.635	–38.515	6.33293	9.40263	9.7016
112 500	113 110	235.062	–38.088	6.19407	9.17977	9.7011
113 000	113 616	235.489	–37.661	6.05851	8.96259	9.7007
113 500	114 121	235.915	–37.235	5.92615	8.75093	9.7002
114 000	114 627	236.342	–36.808	5.79691 +0	8.54463 –3	9.6997
114 500	115 132	236.769	–36.381	5.67072	8.34356	9.6993
115 000	115 638	237.196	–35.954	5.54749	8.14757	9.6988
115 500	116 143	237.622	–35.528	5.42716	7.95652	9.6983
116 000	116 649	238.049	–35.101	5.30964	7.77028	9.6979
116 500	117 154	238.476	–34.674	5.19487	7.58872	9.6974
117 000	117 660	238.902	–34.248	5.08279	7.41172	9.6969
117 500	118 166	239.329	–33.821	4.97331	7.23916	9.6965
118 000	118 671	239.756	–33.394	4.86638	7.07090	9.6960
118 500	119 177	240.183	–32.967	4.76193	6.90685	9.6955
119 000	119 683	240.609	–32.541	4.65991 +0	6.74688 –3	9.6951
119 500	120 189	241.036	–32.114	4.56025	6.59089	9.6946
120 000	120 694	241.463	–31.687	4.46288	6.43878	9.6941
120 500	121 200	241.890	–31.260	4.36777	6.29043	9.6937
121 000	121 706	242.316	–30.834	4.27484	6.14576	9.6932
121 500	122 212	242.743	–30.407	4.18405	6.00466	9.6927
122 000	122 718	243.170	–29.980	4.09534	5.86703	9.6923
122 500	123 224	243.596	–29.554	4.00866	5.73280	9.6918
123 000	123 730	244.023	–29.127	3.92397	5.60186	9.6913
123 500	124 236	244.450	–28.700	3.84120	5.47414	9.6908
124 000	124 742	244.877	–28.273	3.76033 +0	5.34954 –3	9.6904
124 500	125 248	245.303	–27.847	3.68129	5.22799	9.6899
125 000	125 754	245.730	–27.420	3.60404	5.10940	9.6894
125 500	126 260	246.157	–26.993	3.52855	4.99370	9.6890
126 000	126 766	246.583	–26.567	3.45476	4.88082	9.6885
126 500	127 272	247.010	–26.140	3.38264	4.77067	9.6880
127 000	127 778	247.437	–25.713	3.31215	4.66320	9.6876
127 500	128 284	247.864	–25.286	3.24325	4.55832	9.6871
128 000	128 790	248.290	–24.860	3.17589	4.45598	9.6866
128 500	129 297	248.717	–24.433	3.11004	4.35611	9.6862
129 000	129 803	249.144	–24.006	3.04567 +0	4.25864 –3	9.6857
129 500	130 309	249.570	–23.580	2.98274	4.16351	9.6852
130 000	130 815	249.997	–23.153	2.92121	4.07066	9.6848
130 500	131 322	250.424	–22.726	2.86105	3.98004	9.6843
131 000	131 828	250.851	–22.299	2.80223	3.89159	9.6838
131 500	132 334	251.277	–21.873	2.74472	3.80524	9.6834
132 000	132 841	251.704	–21.446	2.68848	3.72096	9.6829
132 500	133 347	252.131	–21.019	2.63349	3.63867	9.6824
133 000	133 854	252.558	–20.592	2.57971	3.55835	9.6820
133 500	134 360	252.984	–20.166	2.52711	3.47992	9.6815

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
134 000	133 145	252.681	–20.469	2.56438 +0	3.53548 –3	9.4059
134 500	133 638	253.102	–20.048	2.51279	3.45858	9.4045
135 000	134 132	253.523	–19.627	2.46232	3.38348	9.4030
135 500	134 625	253.945	–19.205	2.41294	3.31014	9.4016
136 000	135 119	254.366	–18.784	2.36464	3.23850	9.4001
136 500	135 612	254.787	–18.363	2.31738	3.16854	9.3987
137 000	136 106	255.208	–17.942	2.27115	3.10020	9.3972
137 500	136 599	255.629	–17.521	2.22591	3.03344	9.3958
138 000	137 093	256.051	–17.099	2.18165	2.96823	9.3943
138 500	137 586	256.472	–16.678	2.13835	2.90454	9.3929
139 000	138 080	256.893	–16.257	2.09597 +0	2.84231 –3	9.3914
139 500	138 573	257.314	–15.836	2.05450	2.78152	9.3900
140 000	139 066	257.735	–15.415	2.01392	2.72212	9.3886
140 500	139 560	258.156	–14.994	1.97421	2.66409	9.3871
141 000	140 053	258.577	–14.573	1.93535	2.60740	9.3857
141 500	140 546	258.998	–14.152	1.89731	2.55200	9.3842
142 000	141 040	259.419	–13.731	1.86008	2.49787	9.3828
142 500	141 533	259.840	–13.310	1.82365	2.44497	9.3813
143 000	142 026	260.261	–12.889	1.78798	2.39328	9.3799
143 500	142 519	260.682	–12.468	1.75308	2.34276	9.3784
144 000	143 013	261.103	–12.047	1.71891 +0	2.29340 –3	9.3770
144 500	143 506	261.524	–11.626	1.68546	2.24515	9.3756
145 000	143 999	261.944	–11.206	1.65271	2.19799	9.3741
145 500	144 492	262.365	–10.785	1.62066	2.15190	9.3727
146 000	144 985	262.786	–10.364	1.58927	2.10685	9.3712
146 500	145 478	263.207	–9.943	1.55855	2.06282	9.3698
147 000	145 971	263.628	–9.522	1.52847	2.01978	9.3684
147 500	146 464	264.048	–9.102	1.49901	1.97770	9.3669
148 000	146 957	264.469	–8.681	1.47017	1.93657	9.3655
148 500	147 450	264.890	–8.260	1.44194	1.89635	9.3640
149 000	147 943	265.311	–7.839	1.41429 +0	1.85704 –3	9.3626
149 500	148 436	265.731	–7.419	1.38721	1.81860	9.3612
150 000	148 929	266.152	–6.998	1.36069	1.78102	9.3597
150 500	149 422	266.572	–6.578	1.33473	1.74428	9.3583
151 000	149 915	266.993	–6.157	1.30930	1.70835	9.3568
151 500	150 407	267.414	–5.736	1.28439	1.67321	9.3554
152 000	150 900	267.834	–5.316	1.26000	1.63886	9.3540
152 500	151 393	268.255	–4.895	1.23611	1.60526	9.3525
153 000	151 886	268.675	–4.475	1.21271	1.57241	9.3511
153 500	152 378	269.096	–4.054	1.18978	1.54028	9.3497
154 000	152 871	269.516	–3.634	1.16733 +0	1.50886 –3	9.3482
154 500	153 364	269.937	–3.213	1.14534	1.47812	9.3468
155 000	153 857	270.357	–2.793	1.12379	1.44806	9.3453
155 500	154 349	270.650	–2.500	1.10269	1.41933	9.3439
156 000	154 842	270.650	–2.500	1.08199	1.39268	9.3425
156 500	155 334	270.650	–2.500	1.06167	1.36654	9.3410
157 000	155 827	270.650	–2.500	1.04174	1.34088	9.3396
157 500	156 319	270.650	–2.500	1.02219	1.31571	9.3382
158 000	156 812	270.650	–2.500	1.00300	1.29102	9.3367
158 500	157 305	270.650	–2.500	9.84176 –1	1.26678	9.3353
159 000	157 797	270.650	–2.500	9.65704 –1	1.24301 –3	9.3339
159 500	158 289	270.650	–2.500	9.47579	1.21968	9.3324
160 000	158 782	270.650	–2.500	9.29796	1.19679	9.3310
160 500	159 274	270.650	–2.500	9.12347	1.17433	9.3296
161 000	159 767	270.650	–2.500	8.95226	1.15229	9.3282
161 500	160 259	270.650	–2.500	8.78428	1.13067	9.3267
162 000	160 751	270.650	–2.500	8.61945	1.10946	9.3253
162 500	161 244	270.650	–2.500	8.45773	1.08864	9.3239
163 000	161 736	270.650	–2.500	8.29904	1.06821	9.3224
163 500	162 228	270.650	–2.500	8.14335	1.04817	9.3210

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
134 000	134 867	253.411	–19.739	2.47568 +0	3.40336 –3	9.6810
134 500	135 373	253.838	–19.312	2.42538	3.32860	9.6806
135 000	135 880	254.264	–18.886	2.37618	3.25560	9.6801
135 500	136 386	254.691	–18.459	2.32806	3.18433	9.6796
136 000	136 893	255.118	–18.032	2.28099	3.11473	9.6792
136 500	137 399	255.545	–17.605	2.23495	3.04676	9.6787
137 000	137 906	255.971	–17.179	2.18991	2.98039	9.6782
137 500	138 413	256.398	–16.752	2.14585	2.91557	9.6778
138 000	138 919	256.825	–16.325	2.10275	2.85226	9.6773
138 500	139 426	257.251	–15.899	2.06059	2.79043	9.6768
139 000	139 933	257.678	–15.472	2.01934 +0	2.73004 –3	9.6764
139 500	140 439	258.105	–15.045	1.97898	2.67106	9.6759
140 000	140 946	258.532	–14.618	1.93949	2.61344	9.6754
140 500	141 453	258.958	–14.192	1.90086	2.55716	9.6750
141 000	141 960	259.385	–13.765	1.86305	2.50218	9.6745
141 500	142 467	259.812	–13.338	1.82606	2.44846	9.6740
142 000	142 973	260.238	–12.912	1.78986	2.39599	9.6736
142 500	143 480	260.665	–12.485	1.75443	2.34473	9.6731
143 000	143 987	261.092	–12.058	1.71977	2.29464	9.6726
143 500	144 494	261.519	–11.631	1.68584	2.24570	9.6722
144 000	145 001	261.945	–11.205	1.65264 +0	2.19788 –3	9.6717
144 500	145 508	262.372	–10.778	1.62014	2.15116	9.6712
145 000	146 015	262.799	–10.351	1.58833	2.10550	9.6708
145 500	146 522	263.226	–9.924	1.55720	2.06089	9.6703
146 000	147 029	263.652	–9.498	1.52672	2.01729	9.6698
146 500	147 536	264.079	–9.071	1.49690	1.97468	9.6694
147 000	148 043	264.506	–8.644	1.46770	1.93303	9.6689
147 500	148 551	264.932	–8.218	1.43911	1.89233	9.6684
148 000	149 058	265.359	–7.791	1.41113	1.85255	9.6680
148 500	149 565	265.786	–7.364	1.38373	1.81367	9.6675
149 000	150 072	266.213	–6.937	1.35691 +0	1.77567 –3	9.6670
149 500	150 579	266.639	–6.511	1.33065	1.73852	9.6666
150 000	151 087	267.066	–6.084	1.30494	1.70220	9.6661
150 500	151 594	267.493	–5.657	1.27977	1.66670	9.6656
151 000	152 101	267.919	–5.231	1.25512	1.63200	9.6652
151 500	152 609	268.346	–4.804	1.23098	1.59807	9.6647
152 000	153 116	268.773	–4.377	1.20735	1.56489	9.6642
152 500	153 623	269.200	–3.950	1.18420	1.53246	9.6638
153 000	154 131	269.626	–3.524	1.16154	1.50075	9.6633
153 500	154 638	270.053	–3.097	1.13934	1.46975	9.6628
154 000	155 146	270.480	–2.670	1.11760 +0	1.43943 –3	9.6624
154 500	155 653	270.650	–2.500	1.09631	1.41112	9.6619
155 000	156 161	270.650	–2.500	1.07542	1.38423	9.6614
155 500	156 668	270.650	–2.500	1.05493	1.35786	9.6610
156 000	157 176	270.650	–2.500	1.03483	1.33199	9.6605
156 500	157 683	270.650	–2.500	1.01511	1.30661	9.6600
157 000	158 191	270.650	–2.500	9.95774 –1	1.28171	9.6596
157 500	158 698	270.650	–2.500	9.76801	1.25729	9.6591
158 000	159 206	270.650	–2.500	9.58190	1.23334	9.6586
158 500	159 714	270.650	–2.500	9.39933	1.20984	9.6582
159 000	160 222	270.650	–2.500	9.22025 –1	1.18679 –3	9.6577
159 500	160 729	270.650	–2.500	9.04457	1.16417	9.6572
160 000	161 237	270.650	–2.500	8.87225	1.14199	9.6568
160 500	161 745	270.650	–2.500	8.70320	1.12024	9.6563
161 000	162 253	270.650	–2.500	8.53738	1.09889	9.6558
161 500	162 760	270.650	–2.500	8.37472	1.07795	9.6554
162 000	163 268	270.650	–2.500	8.21515	1.05742	9.6549
162 500	163 776	270.650	–2.500	8.05863	1.03727	9.6544
163 000	164 284	270.650	–2.500	7.90509	1.01751	9.6540
163 500	164 792	270.650	–2.500	7.75447	9.98119 –4	9.6535

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
164 000	162 720	270.650	–2.500	7.99057 –1	1.02851 –3	9.3196
164 500	163 213	270.650	–2.500	7.84068	1.00921	9.3181
165 000	163 705	270.650	–2.500	7.69360	9.90284 –4	9.3167
165 500	164 197	270.650	–2.500	7.54929	9.71708	9.3153
166 000	164 689	270.650	–2.500	7.40769	9.53482	9.3139
166 500	165 181	270.650	–2.500	7.26875	9.35599	9.3124
167 000	165 673	270.650	–2.500	7.13243	9.18052	9.3110
167 500	166 165	270.650	–2.500	6.99866	9.00835	9.3096
168 000	166 658	270.650	–2.500	6.86742	8.83942	9.3081
168 500	167 150	270.650	–2.500	6.73864	8.67366	9.3067
169 000	167 642	270.378	–2.772	6.61223 –1	8.51951 –4	9.3053
169 500	168 134	269.958	–3.192	6.48803	8.37248	9.3039
170 000	168 625	269.538	–3.612	6.36598	8.22778	9.3024
170 500	169 117	269.118	–4.032	6.24604	8.08536	9.3010
171 000	169 609	268.699	–4.451	6.12819	7.94520	9.2996
171 500	170 101	268.279	–4.871	6.01239	7.80726	9.2982
172 000	170 593	267.859	–5.291	5.89861	7.67152	9.2967
172 500	171 085	267.439	–5.711	5.78681	7.53793	9.2953
173 000	171 577	267.020	–6.130	5.67696	7.40647	9.2939
173 500	172 069	266.600	–6.550	5.56904	7.27711	9.2925
174 000	172 560	266.180	–6.970	5.46301 –1	7.14981 –4	9.2911
174 500	173 052	265.760	–7.390	5.35884	7.02455	9.2896
175 000	173 544	265.341	–7.809	5.25650	6.90130	9.2882
175 500	174 035	264.921	–8.229	5.15597	6.78003	9.2868
176 000	174 527	264.502	–8.648	5.05720	6.66070	9.2854
176 500	175 019	264.082	–9.068	4.96018	6.54330	9.2839
177 000	175 510	263.662	–9.488	4.86488	6.42779	9.2825
177 500	176 002	263.243	–9.907	4.77126	6.31415	9.2811
178 000	176 494	262.823	–10.327	4.67931	6.20234	9.2797
178 500	176 985	262.404	–10.746	4.58898	6.09235	9.2783
179 000	177 477	261.984	–11.166	4.50027 –1	5.98414 –4	9.2768
179 500	177 968	261.565	–11.585	4.41314	5.87769	9.2754
180 000	178 460	261.145	–12.005	4.32756	5.77297	9.2740
180 500	178 951	260.726	–12.424	4.24351	5.66995	9.2726
181 000	179 443	260.306	–12.844	4.16097	5.56862	9.2712
181 500	179 934	259.887	–13.263	4.07991	5.46895	9.2697
182 000	180 425	259.468	–13.682	4.00030	5.37090	9.2683
182 500	180 917	259.048	–14.102	3.92212	5.27447	9.2669
183 000	181 408	258.629	–14.521	3.84536	5.17962	9.2655
183 500	181 900	258.210	–14.940	3.76998	5.08633	9.2641
184 000	182 391	257.790	–15.360	3.69596 –1	4.99457 –4	9.2627
184 500	182 882	257.371	–15.779	3.62328	4.90433	9.2612
185 000	183 373	256.952	–16.198	3.55191	4.81558	9.2598
185 500	183 865	256.533	–16.617	3.48185	4.72830	9.2584
186 000	184 356	256.113	–17.037	3.41306	4.64247	9.2570
186 500	184 847	255.694	–17.456	3.34552	4.55807	9.2556
187 000	185 338	255.275	–17.875	3.27921	4.47506	9.2542
187 500	185 829	254.856	–18.294	3.21411	4.39344	9.2528
188 000	186 320	254.437	–18.713	3.15021	4.31318	9.2513
188 500	186 812	254.018	–19.132	3.08748	4.23427	9.2499
189 000	187 303	253.598	–19.552	3.02590 –1	4.15667 –4	9.2485
189 500	187 794	253.179	–19.971	2.96545	4.08037	9.2471
190 000	188 285	252.760	–20.390	2.90611	4.00536	9.2457
190 500	188 776	252.341	–20.809	2.84787	3.93161	9.2443
191 000	189 267	251.922	–21.228	2.79070	3.85909	9.2429
191 500	189 758	251.503	–21.647	2.73460	3.78781	9.2415
192 000	190 249	251.084	–22.066	2.67953	3.71772	9.2400
192 500	190 739	250.665	–22.485	2.62548	3.64883	9.2386
193 000	191 230	250.246	–22.904	2.57244	3.58110	9.2372
193 500	191 721	249.827	–23.323	2.52039	3.51452	9.2358

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
164 000	165 300	270.650	–2.500	7.60672 –1	9.79102 –4	9.6530
164 500	165 808	270.650	–2.500	7.46179	9.60447	9.6526
165 000	166 316	270.650	–2.500	7.31962	9.42147	9.6521
165 500	166 824	270.650	–2.500	7.18016	9.24196	9.6516
166 000	167 332	270.650	–2.500	7.04336	9.06588	9.6512
166 500	167 840	270.650	–2.500	6.90916	8.89314	9.6507
167 000	168 348	270.650	–2.500	6.77752	8.72370	9.6502
167 500	168 856	270.499	–2.651	6.64836	8.56224	9.6498
168 000	169 364	270.072	–3.078	6.52152	8.41215	9.6493
168 500	169 872	269.645	–3.505	6.39690	8.26447	9.6488
169 000	170 381	269.219	–3.931	6.27448 –1	8.11915 –4	9.6484
169 500	170 889	268.792	–4.358	6.15421	7.97616	9.6479
170 000	171 397	268.365	–4.785	6.03605	7.83547	9.6474
170 500	171 905	267.938	–5.212	5.91999	7.69704	9.6470
171 000	172 414	267.512	–5.638	5.80597	7.56084	9.6465
171 500	172 922	267.085	–6.065	5.69398	7.42684	9.6460
172 000	173 430	266.658	–6.492	5.58397	7.29501	9.6456
172 500	173 939	266.232	–6.918	5.47591	7.16531	9.6451
173 000	174 447	265.805	–7.345	5.36978	7.03772	9.6446
173 500	174 955	265.378	–7.772	5.26554	6.91219	9.6442
174 000	175 464	264.951	–8.199	5.16316 –1	6.78871 –4	9.6437
174 500	175 972	264.525	–8.625	5.06261	6.66725	9.6432
175 000	176 481	264.098	–9.052	4.96386	6.54776	9.6428
175 500	176 989	263.671	–9.479	4.86689	6.43023	9.6423
176 000	177 498	263.245	–9.905	4.77165	6.31462	9.6418
176 500	178 006	262.818	–10.332	4.67813	6.20091	9.6414
177 000	178 515	262.391	–10.759	4.58629	6.08906	9.6409
177 500	179 024	261.964	–11.186	4.49611	5.97906	9.6404
178 000	179 532	261.538	–11.612	4.40756	5.87087	9.6400
178 500	180 041	261.111	–12.039	4.32062	5.76446	9.6395
179 000	180 550	260.684	–12.466	4.23525 –1	5.65982 –4	9.6390
179 500	181 058	260.258	–12.892	4.15143	5.55691	9.6386
180 000	181 567	259.831	–13.319	4.06914	5.45570	9.6381
180 500	182 076	259.404	–13.746	3.98835	5.35618	9.6376
181 000	182 585	258.977	–14.173	3.90904	5.25831	9.6372
181 500	183 093	258.551	–14.599	3.83117	5.16207	9.6367
182 000	183 602	258.124	–15.026	3.75473	5.06744	9.6362
182 500	184 111	257.697	–15.453	3.67969	4.97439	9.6358
183 000	184 620	257.270	–15.880	3.60603	4.88290	9.6353
183 500	185 129	256.844	–16.306	3.53373	4.79295	9.6348
184 000	185 638	256.417	–16.733	3.46276 –1	4.70450 –4	9.6344
184 500	186 147	255.990	–17.160	3.39310	4.61755	9.6339
185 000	186 656	255.564	–17.586	3.32473	4.53206	9.6334
185 500	187 165	255.137	–18.013	3.25763	4.44802	9.6330
186 000	187 674	254.710	–18.440	3.19177	4.36540	9.6325
186 500	188 183	254.283	–18.867	3.12714	4.28417	9.6320
187 000	188 692	253.857	–19.293	3.06371	4.20433	9.6316
187 500	189 201	253.430	–19.720	3.00146	4.12584	9.6311
188 000	189 710	253.003	–20.147	2.94038	4.04869	9.6306
188 500	190 219	252.577	–20.573	2.88044	3.97286	9.6302
189 000	190 728	252.150	–21.000	2.82162 –1	3.89832 –4	9.6297
189 500	191 238	251.723	–21.427	2.76391	3.82506	9.6292
190 000	191 747	251.296	–21.854	2.70728	3.75305	9.6288
190 500	192 256	250.870	–22.280	2.65172	3.68229	9.6283
191 000	192 765	250.443	–22.707	2.59721	3.61273	9.6278
191 500	193 275	250.016	–23.134	2.54373	3.54438	9.6274
192 000	193 784	249.590	–23.560	2.49126	3.47721	9.6269
192 500	194 293	249.163	–23.987	2.43978	3.41119	9.6265
193 000	194 803	248.736	–24.414	2.38929	3.34632	9.6260
193 500	195 312	248.309	–24.841	2.33975	3.28258	9.6255

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
194 000	192 212	249.409	–23.741	2.46931 –1	3.44907 –4	9.2344
194 500	192 703	248.990	–24.160	2.41918	3.38474	9.2330
195 000	193 194	248.571	–24.579	2.36999	3.32151	9.2316
195 500	193 684	248.152	–24.998	2.32173	3.25935	9.2302
196 000	194 175	247.733	–25.417	2.27436	3.19826	9.2288
196 500	194 666	247.314	–25.836	2.22789	3.13822	9.2274
197 000	195 157	246.896	–26.254	2.18230	3.07921	9.2260
197 500	195 647	246.477	–26.673	2.13756	3.02121	9.2245
198 000	196 138	246.058	–27.092	2.09367	2.96421	9.2231
198 500	196 629	245.639	–27.511	2.05062	2.90820	9.2217
199 000	197 119	245.221	–27.929	2.00837 –1	2.85316 –4	9.2203
199 500	197 610	244.802	–28.348	1.96693	2.79906	9.2189
200 000	198 100	244.383	–28.767	1.92628	2.74591	9.2175
200 500	198 591	243.965	–29.185	1.88640	2.69368	9.2161
201 000	199 081	243.546	–29.604	1.84729	2.64236	9.2147
201 500	199 572	243.127	–30.023	1.80892	2.59193	9.2133
202 000	200 062	242.709	–30.441	1.77128	2.54238	9.2119
202 500	200 553	242.290	–30.860	1.73437	2.49370	9.2105
203 000	201 043	241.872	–31.278	1.69817	2.44587	9.2091
203 500	201 534	241.453	–31.697	1.66266	2.39888	9.2077
204 000	202 024	241.035	–32.115	1.62784 –1	2.35272 –4	9.2063
204 500	202 514	240.616	–32.534	1.59369	2.30737	9.2049
205 000	203 005	240.198	–32.952	1.56020	2.26281	9.2035
205 500	203 495	239.779	–33.371	1.52736	2.21905	9.2021
206 000	203 985	239.361	–33.789	1.49515	2.17606	9.2007
206 500	204 475	238.943	–34.207	1.46358	2.13383	9.1993
207 000	204 966	238.524	–34.626	1.43261	2.09235	9.1979
207 500	205 456	238.106	–35.044	1.40225	2.05161	9.1965
208 000	205 946	237.687	–35.463	1.37249	2.01159	9.1951
208 500	206 436	237.269	–35.881	1.34330	1.97229	9.1937
209 000	206 926	236.851	–36.299	1.31469 –1	1.93369 –4	9.1923
209 500	207 416	236.433	–36.717	1.28664	1.89578	9.1909
210 000	207 907	236.014	–37.136	1.25914	1.85856	9.1895
210 500	208 397	235.596	–37.554	1.23219	1.82200	9.1881
211 000	208 887	235.178	–37.972	1.20576	1.78609	9.1867
211 500	209 377	234.760	–38.390	1.17986	1.75084	9.1853
212 000	209 867	234.341	–38.809	1.15447	1.71622	9.1839
212 500	210 357	233.923	–39.227	1.12959	1.68223	9.1825
213 000	210 847	233.505	–39.645	1.10520	1.64885	9.1811
213 500	211 337	233.087	–40.063	1.08129	1.61608	9.1797
214 000	211 826	232.669	–40.481	1.05786 –1	1.58390 –4	9.1783
214 500	212 316	232.251	–40.899	1.03490	1.55231	9.1769
215 000	212 806	231.833	–41.317	1.01240	1.52130	9.1755
215 500	213 296	231.415	–41.735	9.90348 –2	1.49085	9.1741
216 000	213 786	230.997	–42.153	9.68740	1.46096	9.1727
216 500	214 276	230.579	–42.571	9.47567	1.43162	9.1713
217 000	214 765	230.161	–42.989	9.26820	1.40282	9.1699
217 500	215 255	229.743	–43.407	9.06492	1.37455	9.1685
218 000	215 745	229.325	–43.825	8.86575	1.34680	9.1671
218 500	216 235	228.907	–44.243	8.67061	1.31956	9.1657
219 000	216 724	228.489	–44.661	8.47944 –2	1.29283 –4	9.1643
219 500	217 214	228.071	–45.079	8.29215	1.26659	9.1629
220 000	217 703	227.653	–45.497	8.10867	1.24083	9.1615
220 500	218 193	227.235	–45.915	7.92893	1.21556	9.1601
221 000	218 683	226.817	–46.333	7.75287	1.19076	9.1588
221 500	219 172	226.400	–46.750	7.58041	1.16642	9.1574
222 000	219 662	225.982	–47.168	7.41148	1.14254	9.1560
222 500	220 151	225.564	–47.586	7.24603	1.11910	9.1546
223 000	220 641	225.146	–48.004	7.08398	1.09610	9.1532
223 500	221 130	224.729	–48.421	6.92527	1.07354	9.1518

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
194 000	195 822	247.883	–25.267	2.29117 –1	3.21994 –4	9.6251
194 500	196 331	247.456	–25.694	2.24350	3.15840	9.6246
195 000	196 840	247.029	–26.121	2.19675	3.09793	9.6241
195 500	197 350	246.602	–26.548	2.15090	3.03851	9.6237
196 000	197 859	246.176	–26.974	2.10592	2.98013	9.6232
196 500	198 369	245.749	–27.401	2.06182	2.92278	9.6227
197 000	198 879	245.322	–27.828	2.01856	2.86643	9.6223
197 500	199 388	244.896	–28.254	1.97613	2.81108	9.6218
198 000	199 898	244.469	–28.681	1.93453	2.75670	9.6213
198 500	200 407	244.042	–29.108	1.89373	2.70328	9.6209
199 000	200 917	243.615	–29.535	1.85372 –1	2.65080 –4	9.6204
199 500	201 427	243.189	–29.961	1.81449	2.59925	9.6199
200 000	201 937	242.762	–30.388	1.77602	2.54862	9.6195
200 500	202 446	242.335	–30.815	1.73830	2.49889	9.6190
201 000	202 956	241.909	–31.241	1.70132	2.45004	9.6185
201 500	203 466	241.482	–31.668	1.66507	2.40207	9.6181
202 000	203 976	241.055	–32.095	1.62952	2.35495	9.6176
202 500	204 485	240.628	–32.522	1.59467	2.30867	9.6171
203 000	204 995	240.202	–32.948	1.56051	2.26323	9.6167
203 500	205 505	239.775	–33.375	1.52702	2.21860	9.6162
204 000	206 015	239.348	–33.802	1.49419 –1	2.17477 –4	9.6157
204 500	206 525	238.922	–34.228	1.46201	2.13173	9.6153
205 000	207 035	238.495	–34.655	1.43047	2.08947	9.6148
205 500	207 545	238.068	–35.082	1.39955	2.04798	9.6143
206 000	208 055	237.641	–35.509	1.36925	2.00723	9.6139
206 500	208 565	237.215	–35.935	1.33955	1.96723	9.6134
207 000	209 075	236.788	–36.362	1.31044	1.92795	9.6129
207 500	209 585	236.361	–36.789	1.28192	1.88939	9.6125
208 000	210 095	235.934	–37.216	1.25396	1.85153	9.6120
208 500	210 605	235.508	–37.642	1.22657	1.81437	9.6115
209 000	211 116	235.081	–38.069	1.19973 –1	1.77788 –4	9.6111
209 500	211 626	234.654	–38.496	1.17342	1.74206	9.6106
210 000	212 136	234.228	–38.922	1.14765	1.70691	9.6102
210 500	212 646	233.801	–39.349	1.12240	1.67240	9.6097
211 000	213 157	233.374	–39.776	1.09766	1.63852	9.6092
211 500	213 667	232.947	–40.203	1.07342	1.60528	9.6088
212 000	214 177	232.521	–40.629	1.04967	1.57264	9.6083
212 500	214 687	232.094	–41.056	1.02641	1.54062	9.6078
213 000	215 198	231.667	–41.483	1.00362	1.50919	9.6074
213 500	215 708	231.241	–41.909	9.81296 –2	1.47834	9.6069
214 000	216 219	230.814	–42.336	9.59429 –2	1.44807 –4	9.6064
214 500	216 729	230.387	–42.763	9.38010	1.41836	9.6060
215 000	217 240	229.960	–43.190	9.17030	1.38921	9.6055
215 500	217 750	229.534	–43.616	8.96482	1.36061	9.6050
216 000	218 261	229.107	–44.043	8.76358	1.33254	9.6046
216 500	218 771	228.680	–44.470	8.56649	1.30501	9.6041
217 000	219 282	228.254	–44.896	8.37348	1.27799	9.6036
217 500	219 792	227.827	–45.323	8.18447	1.25148	9.6032
218 000	220 303	227.400	–45.750	7.99938	1.22547	9.6027
218 500	220 813	226.973	–46.177	7.81814	1.19996	9.6022
219 000	221 324	226.547	–46.603	7.64068 –2	1.17493 –4	9.6018
219 500	221 835	226.120	–47.030	7.46692	1.15038	9.6013
220 000	222 345	225.693	–47.457	7.29680	1.12629	9.6008
220 500	222 856	225.266	–47.884	7.13024	1.10267	9.6004
221 000	223 367	224.840	–48.310	6.96718	1.07950	9.5999
221 500	223 878	224.413	–48.737	6.80755	1.05677	9.5994
222 000	224 389	223.986	–49.164	6.65128	1.03448	9.5990
222 500	224 899	223.560	–49.590	6.49832	1.01262	9.5985
223 000	225 410	223.133	–50.017	6.34858	9.91177 –5	9.5981
223 500	225 921	222.706	–50.444	6.20203	9.70151	9.5976

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
224 000	221 620	224.311	–48.839	6.76984 –2	1.05140 –4	9.1504
224 500	222 109	223.893	–49.257	6.61763	1.02967	9.1490
225 000	222 598	223.476	–49.674	6.46857	1.00836	9.1476
225 500	223 088	223.058	–50.092	6.32260	9.87453 –5	9.1462
226 000	223 577	222.640	–50.510	6.17967	9.66941	9.1448
226 500	224 067	222.223	–50.927	6.03972	9.46818	9.1435
227 000	224 556	221.805	–51.345	5.90269	9.27079	9.1421
227 500	225 045	221.387	–51.763	5.76853	9.07716	9.1407
228 000	225 534	220.970	–52.180	5.63717	8.88723	9.1393
228 500	226 024	220.552	–52.598	5.50858	8.70093	9.1379
229 000	226 513	220.135	–53.015	5.38269 –2	8.51821 –5	9.1365
229 500	227 002	219.717	–53.433	5.25945	8.33899	9.1351
230 000	227 491	219.300	–53.850	5.13881	8.16323	9.1337
230 500	227 980	218.882	–54.268	5.02072	7.99085	9.1324
231 000	228 469	218.465	–54.685	4.90513	7.82180	9.1310
231 500	228 959	218.048	–55.102	4.79200	7.65603	9.1296
232 000	229 448	217.630	–55.520	4.68127	7.49346	9.1282
232 500	229 937	217.213	–55.937	4.57290	7.33406	9.1268
233 000	230 426	216.796	–56.354	4.46684	7.17775	9.1254
233 500	230 915	216.378	–56.772	4.36305	7.02449	9.1240
234 000	231 404	215.961	–57.189	4.26149 –2	6.87423 –5	9.1227
234 500	231 893	215.544	–57.606	4.16210	6.72690	9.1213
235 000	232 382	215.126	–58.024	4.06485	6.58247	9.1199
235 500	232 870	214.709	–58.441	3.96969	6.44087	9.1185
236 000	233 359	214.394	–58.756	3.87661	6.29909	9.1171
236 500	233 848	214.096	–59.054	3.78559	6.15974	9.1157
237 000	234 337	213.798	–59.352	3.69658	6.02330	9.1144
237 500	234 826	213.500	–59.650	3.60956	5.88971	9.1130
238 000	235 315	213.202	–59.948	3.52447	5.75890	9.1116
238 500	235 803	212.904	–60.246	3.44127	5.63083	9.1102
239 000	236 292	212.606	–60.544	3.35993 –2	5.50544 –5	9.1088
239 500	236 781	212.308	–60.842	3.28040	5.38267	9.1075
240 000	237 270	212.010	–61.140	3.20266	5.26249	9.1061
240 500	237 758	211.713	–61.437	3.12665	5.14483	9.1047
241 000	238 247	211.415	–61.735	3.05235	5.02964	9.1033
241 500	238 736	211.117	–62.033	2.97971	4.91688	9.1019
242 000	239 224	210.819	–62.331	2.90871	4.80650	9.1006
242 500	239 713	210.521	–62.629	2.83931	4.69846	9.0992
243 000	240 201	210.223	–62.927	2.77147	4.59270	9.0978
243 500	240 690	209.925	–63.225	2.70516	4.48918	9.0964
244 000	241 178	209.628	–63.522	2.64036 –2	4.38785 –5	9.0950
244 500	241 667	209.330	–63.820	2.57701	4.28868	9.0937
245 000	242 155	209.032	–64.118	2.51511	4.19162	9.0923
245 500	242 644	208.734	–64.416	2.45461	4.09662	9.0909
246 000	243 132	208.437	–64.713	2.39548	4.00365	9.0895
246 500	243 621	208.139	–65.011	2.33770	3.91267	9.0882
247 000	244 109	207.841	–65.309	2.28123	3.82363	9.0868
247 500	244 597	207.543	–65.607	2.22606	3.73650	9.0854
248 000	245 086	207.246	–65.904	2.17214	3.65124	9.0840
248 500	245 574	206.948	–66.202	2.11946	3.56781	9.0826
249 000	246 062	206.650	–66.500	2.06799 –2	3.48618 –5	9.0813
249 500	246 550	206.353	–66.797	2.01769	3.40630	9.0799
250 000	247 039	206.055	–67.095	1.96855	3.32814	9.0785
250 500	247 527	205.758	–67.392	1.92055	3.25167	9.0772
251 000	248 015	205.460	–67.690	1.87365	3.17686	9.0758
251 500	248 503	205.162	–67.988	1.82783	3.10367	9.0744
252 000	248 991	204.865	–68.285	1.78306	3.03206	9.0730
252 500	249 480	204.567	–68.583	1.73934	2.96201	9.0717
253 000	249 968	204.270	–68.880	1.69663	2.89348	9.0703
253 500	250 456	203.972	–69.178	1.65490	2.82644	9.0689

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
224 000	226 432	222.279	–50.871	6.05858 –2	9.49532 –5	9.5971
224 500	226 943	221.853	–51.297	5.91818	9.29313	9.5967
225 000	227 454	221.426	–51.724	5.78078	9.09486	9.5962
225 500	227 965	220.999	–52.151	5.64631	8.90046	9.5957
226 000	228 476	220.573	–52.577	5.51472	8.70984	9.5953
226 500	228 987	220.146	–53.004	5.38595	8.52295	9.5948
227 000	229 498	219.719	–53.431	5.25995	8.33972	9.5943
227 500	230 009	219.292	–53.858	5.13665	8.16009	9.5939
228 000	230 520	218.866	–54.284	5.01602	7.98398	9.5934
228 500	231 031	218.439	–54.711	4.89799	7.81135	9.5929
229 000	231 542	218.012	–55.138	4.78252 –2	7.64212 –5	9.5925
229 500	232 054	217.586	–55.564	4.66955	7.47623	9.5920
230 000	232 565	217.159	–55.991	4.55903	7.31363	9.5915
230 500	233 076	216.732	–56.418	4.45092	7.15426	9.5911
231 000	233 587	216.305	–56.845	4.34517	6.99806	9.5906
231 500	234 099	215.879	–57.271	4.24173	6.84496	9.5901
232 000	234 610	215.452	–57.698	4.14055	6.69493	9.5897
232 500	235 121	215.025	–58.125	4.04160	6.54790	9.5892
233 000	235 633	214.613	–58.537	3.94482	6.40338	9.5888
233 500	236 144	214.308	–58.842	3.85021	6.25869	9.5883
234 000	236 655	214.004	–59.146	3.75773 –2	6.11706 –5	9.5878
234 500	237 167	213.699	–59.451	3.66735	5.97845	9.5874
235 000	237 678	213.394	–59.756	3.57902	5.84278	9.5869
235 500	238 190	213.089	–60.061	3.49269	5.71001	9.5864
236 000	238 701	212.784	–60.366	3.40833	5.58007	9.5860
236 500	239 213	212.480	–60.670	3.32589	5.45291	9.5855
237 000	239 724	212.175	–60.975	3.24532	5.32847	9.5850
237 500	240 236	211.870	–61.280	3.16660	5.20669	9.5846
238 000	240 747	211.565	–61.585	3.08968	5.08753	9.5841
238 500	241 259	211.260	–61.890	3.01452	4.97093	9.5836
239 000	241 771	210.956	–62.194	2.94108 –2	4.85684 –5	9.5832
239 500	242 282	210.651	–62.499	2.86933	4.74521	9.5827
240 000	242 794	210.346	–62.804	2.79923	4.63599	9.5822
240 500	243 306	210.041	–63.109	2.73075	4.52913	9.5818
241 000	243 817	209.736	–63.414	2.66384	4.42459	9.5813
241 500	244 329	209.432	–63.718	2.59848	4.32231	9.5808
242 000	244 841	209.127	–64.023	2.53463	4.22225	9.5804
242 500	245 353	208.822	–64.328	2.47227	4.12436	9.5799
243 000	245 865	208.517	–64.633	2.41134	4.02861	9.5795
243 500	246 377	208.212	–64.938	2.35184	3.93495	9.5790
244 000	246 888	207.908	–65.242	2.29372 –2	3.84333 –5	9.5785
244 500	247 400	207.603	–65.547	2.23695	3.75371	9.5781
245 000	247 912	207.298	–65.852	2.18150	3.66606	9.5776
245 500	248 424	206.993	–66.157	2.12736	3.58032	9.5771
246 000	248 936	206.688	–66.462	2.07448	3.49648	9.5767
246 500	249 448	206.384	–66.766	2.02284	3.41447	9.5762
247 000	249 960	206.079	–67.071	1.97241	3.33427	9.5757
247 500	250 472	205.774	–67.376	1.92316	3.25585	9.5753
248 000	250 985	205.469	–67.681	1.87508	3.17915	9.5748
248 500	251 497	205.164	–67.986	1.82813	3.10415	9.5743
249 000	252 009	204.860	–68.290	1.78229 –2	3.03081 –5	9.5739
249 500	252 521	204.555	–68.595	1.73753	2.95910	9.5734
250 000	253 033	204.250	–68.900	1.69383	2.88899	9.5730
250 500	253 545	203.945	–69.205	1.65117	2.82043	9.5725
251 000	254 058	203.640	–69.510	1.60952	2.75340	9.5720
251 500	254 570	203.336	–69.814	1.56886	2.68787	9.5716
252 000	255 082	203.031	–70.119	1.52917	2.62380	9.5711
252 500	255 595	202.726	–70.424	1.49042	2.56117	9.5706
253 000	256 107	202.421	–70.729	1.45260	2.49994	9.5702
253 500	256 619	202.116	–71.034	1.41569	2.44009	9.5697

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	*H* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
254 000	250 944	203.675	–69.475	1.61415 –2	2.76087 –5	9.0675
254 500	251 432	203.377	–69.773	1.57435	2.69672	9.0662
255 000	251 920	203.080	–70.070	1.53547	2.63398	9.0648
255 500	252 408	202.782	–70.368	1.49750	2.57262	9.0634
256 000	252 896	202.485	–70.665	1.46042	2.51259	9.0621
256 500	253 384	202.187	–70.963	1.42420	2.45389	9.0607
257 000	253 872	201.890	–71.260	1.38883	2.39648	9.0593
257 500	254 359	201.592	–71.558	1.35430	2.34033	9.0579
258 000	254 847	201.295	–71.855	1.32057	2.28542	9.0566
258 500	255 335	200.998	–72.152	1.28764	2.23172	9.0552
259 000	255 823	200.700	–72.450	1.25548 –2	2.17921 –5	9.0538
259 500	256 311	200.403	–72.747	1.22408	2.12786	9.0525
260 000	256 799	200.106	–73.044	1.19342	2.07766	9.0511
260 500	257 286	199.808	–73.342	1.16349	2.02856	9.0497
261 000	257 774	199.511	–73.639	1.13427	1.98056	9.0484
261 500	258 262	199.214	–73.936	1.10574	1.93363	9.0470
262 000	258 749	198.916	–74.234	1.07789	1.88774	9.0456
262 500	259 237	198.619	–74.531	1.05070	1.84288	9.0443

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	*h* (ft)	*T* (K)	*t* (°C)	*p* (hPa)	ρ (kg/m^3)	*g* (m/s^2)
254 000	257 132	201.812	–71.338	1.37966 –2	2.38158 –5	9.5692
254 500	257 644	201.507	–71.643	1.34450	2.32439	9.5688
255 000	258 156	201.202	–71.948	1.31018	2.26849	9.5683
255 500	258 669	200.897	–72.253	1.27668	2.21385	9.5678
256 000	259 181	200.592	–72.558	1.24400	2.16045	9.5674
256 500	259 694	200.288	–72.862	1.21210	2.10825	9.5669
257 000	260 206	199.983	–73.167	1.18098	2.05725	9.5664
257 500	260 719	199.678	–73.472	1.15060	2.00740	9.5660
258 000	261 232	199.373	–73.777	1.12097	1.95868	9.5655
258 500	261 744	199.068	–74.082	1.09205	1.91108	9.5651
259 000	262 257	198.764	–74.386	1.06384 –2	1.86456 –5	9.5646
259 500	262 770	198.459	–74.691	1.03631	1.81911	9.5641
260 000	263 282	198.154	–74.996	1.00946	1.77470	9.5637
260 500	263 795	197.849	–75.301	9.83261 –3	1.73130	9.5632
261 000	264 308	197.544	–75.606	9.57704	1.68890	9.5627
261 500	264 820	197.240	–75.910	9.32774	1.64748	9.5623
262 000	265 333	196.935	–76.215	9.08455	1.60701	9.5618
262 500	265 846	196.630	–76.520	8.84734	1.56748	9.5613

TABLE 5

Ratio of p/P_0, ρ/ρ_0 and $\sqrt{\rho/\rho_0}$, speed of sound (a), dynamic (μ) and kinematic (υ) viscosity and thermal conductivity (λ) in terms of geometrical altitude (h) and geopotential altitude (H)
(altitudes in feet)

TABLEAU 5

Rapports p/P_0, ρ/ρ_0 et $\sqrt{\rho/\rho_0}$, vitesse du son (a), viscosité dynamique (μ) et cinématique (υ) et conductibilité thermique (λ) en fonction de l'altitude géométrique (h) et de l'altitude géopotentielle (H)
(altitudes en pieds)

TABLA 5

Relación de p/P_0, ρ/ρ_0 y $\sqrt{\rho/\rho_0}$, velocidad del sonido (a), viscosidad dinámica (μ) y cinemática (υ) y conductibilidad térmica (λ) en función de la altitud geométrica (h) y geopotencial (H)
(altitudes en pies)

ТАБЛИЦА 5

Отношения p/P_0, ρ/ρ_0 и $\sqrt{\rho/\rho_0}$, скорость звука (a), динамическая (μ) и кинематическая (υ) вязкость и теплопроводность (λ) в функции геометрической (h) и геопотенциальной (H) высот
(высоты в футах)

VALUES IN TERMS OF GEOMETRICAL ALTITUDE
VALEURS EN FONCTION DE L'ALTITUDE GÉOMÉTRIQUE
VALORES EN FUNCIÓN DE LA ALTITUD GEOMÉTRICA
ЗНАЧЕНИЯ ПАРАМЕТРОВ В ФУНКЦИИ ГЕОМЕТРИЧЕСКОЙ ВЫСОТЫ

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
h (фут)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (м/с)	μ (Па · с)	υ ($м^2/с$)	λ (Вт/(м · к))

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE
VALEURS EN FONCTION DE L'ALTITUDE GÉOPOTENTIELLE
VALORES EN FUNCIÓN DE LA ALTITUD GEOPOTENCIAL
ЗНАЧЕНИЯ ПАРАМЕТРОВ В ФУНКЦИИ ГЕОПОТЕНЦИАЛЬНОЙ ВЫСОТЫ

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
H (фут)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (м/с)	μ (Па · с)	υ ($м^2/с$)	λ (Вт/(м · к))

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
–16 500	1.75984 +0	1.58041 +0	1.25714 +0	359.093	1.9431 –5	1.0037 –5	2.7875 –2
–16 250	1.74559	1.57004	1.25301	358.815	1.9408	1.0091	2.7838
–16 000	1.73143	1.55972	1.24889	358.537	1.9386	1.0146	2.7800
–15 750	1.71737	1.54945	1.24477	358.259	1.9363	1.0201	2.7762
–15 500	1.70339	1.53923	1.24066	357.981	1.9340	1.0257	2.7724
–15 250	1.68951	1.52907	1.23656	357.702	1.9317	1.0313	2.7686
–15 000	1.67572	1.51896	1.23246	357.423	1.9295	1.0369	2.7648
–14 750	1.66203	1.50889	1.22837	357.144	1.9272	1.0426	2.7610
–14 500	1.64842	1.49889	1.22429	356.865	1.9249	1.0483	2.7573
–14 250	1.63491	1.48893	1.22022	356.586	1.9226	1.0541	2.7535
–14 000	1.62148 +0	1.47902 +0	1.21615 +0	356.306	1.9203 –5	1.0599 –5	2.7497 –2
–13 800	1.61081	1.47113	1.21290	356.082	1.9185	1.0646	2.7466
–13 600	1.60019	1.46327	1.20966	355.859	1.9167	1.0693	2.7436
–13 400	1.58963	1.45545	1.20642	355.634	1.9148	1.0740	2.7405
–13 200	1.57912	1.44765	1.20318	355.410	1.9130	1.0787	2.7375
–13 000	1.56868	1.43989	1.19995	355.186	1.9111	1.0835	2.7345
–12 800	1.55828	1.43217	1.19673	354.961	1.9093	1.0883	2.7314
–12 600	1.54795	1.42447	1.19351	354.737	1.9075	1.0931	2.7284
–12 400	1.53767	1.41680	1.19029	354.512	1.9056	1.0980	2.7253
–12 200	1.52744	1.40917	1.18708	354.287	1.9038	1.1029	2.7223
–12 000	1.51727 +0	1.40157 +0	1.18388 +0	354.062	1.9020 –5	1.1078 –5	2.7192 –2
–11 800	1.50716	1.39400	1.18068	353.837	1.9001	1.1127	2.7162
–11 600	1.49710	1.38646	1.17748	353.611	1.8983	1.1177	2.7131
–11 400	1.48710	1.37895	1.17429	353.386	1.8964	1.1227	2.7101
–11 200	1.47715	1.37148	1.17110	353.160	1.8946	1.1277	2.7070
–11 000	1.46725	1.36403	1.16792	352.934	1.8927	1.1327	2.7040
–10 800	1.45741	1.35662	1.16474	352.709	1.8909	1.1378	2.7009
–10 600	1.44762	1.34924	1.16157	352.483	1.8890	1.1429	2.6979
–10 400	1.43789	1.34189	1.15840	352.256	1.8872	1.1481	2.6948
–10 200	1.42821	1.33456	1.15523	352.030	1.8853	1.1532	2.6918
–10 000	1.41858 +0	1.32727 +0	1.15207 +0	351.804	1.8835 –5	1.1584 –5	2.6887 –2
–9 800	1.40900	1.32002	1.14892	351.577	1.8816	1.1636	2.6856
–9 600	1.39948	1.31279	1.14577	351.350	1.8798	1.1689	2.6826
–9 400	1.39001	1.30559	1.14262	351.123	1.8779	1.1742	2.6795
–9 200	1.38059	1.29842	1.13948	350.896	1.8761	1.1795	2.6764
–9 000	1.37122	1.29128	1.13635	350.669	1.8742	1.1848	2.6734
–8 800	1.36191	1.28418	1.13322	350.442	1.8723	1.1902	2.6703
–8 600	1.35264	1.27710	1.13009	350.214	1.8705	1.1956	2.6672
–8 400	1.34343	1.27005	1.12696	349.987	1.8686	1.2011	2.6642
–8 200	1.33427	1.26303	1.12385	349.759	1.8668	1.2065	2.6611
–8 000	1.32516 +0	1.25605 +0	1.12074 +0	349.531	1.8649 –5	1.2120 –5	2.6580 –2
–7 800	1.31610	1.24909	1.11763	349.303	1.8630	1.2176	2.6550
–7 600	1.30709	1.24216	1.11452	349.075	1.8612	1.2231	2.6519
–7 400	1.29813	1.23526	1.11142	348.847	1.8593	1.2287	2.6488
–7 200	1.28922	1.22839	1.10833	348.618	1.8574	1.2344	2.6457
–7 000	1.28036	1.22155	1.10524	348.389	1.8556	1.2400	2.6427
–6 800	1.27155	1.21474	1.10215	348.161	1.8537	1.2457	2.6396
–6 600	1.26279	1.20796	1.09907	347.932	1.8518	1.2514	2.6365
–6 400	1.25408	1.20121	1.09600	347.703	1.8499	1.2572	2.6334
–6 200	1.24542	1.19448	1.09292	347.474	1.8481	1.2630	2.6304
–6 000	1.23680 +0	1.18779 +0	1.08986 +0	347.244	1.8462 –5	1.2688 –5	2.6273 –2
–5 800	1.22824	1.18112	1.08679	347.015	1.8443	1.2747	2.6242
–5 600	1.21972	1.17449	1.08374	346.785	1.8424	1.2806	2.6211
–5 400	1.21125	1.16788	1.08068	346.555	1.8406	1.2865	2.6180
–5 200	1.20283	1.16130	1.07764	346.325	1.8387	1.2925	2.6149
–5 000	1.19446	1.15475	1.07459	346.095	1.8368	1.2985	2.6118
–4 800	1.18613	1.14823	1.07155	345.865	1.8349	1.3045	2.6088
–4 600	1.17785	1.14173	1.06852	345.635	1.8330	1.3106	2.6057
–4 400	1.16962	1.13527	1.06549	345.404	1.8311	1.3167	2.6026
–4 200	1.16144	1.12883	1.06246	345.173	1.8293	1.3229	2.5995

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
–16 500	1.75910 +0	1.57987 +0	1.25693 +0	359.078	1.9430 –5	1.0040 –5	2.7873 –2
–16 250	1.74487	1.56951	1.25280	358.801	1.9407	1.0094	2.7836
–16 000	1.73074	1.55921	1.24868	358.523	1.9385	1.0149	2.7798
–15 750	1.71670	1.54896	1.24457	358.246	1.9362	1.0204	2.7760
–15 500	1.70275	1.53876	1.24047	357.968	1.9339	1.0260	2.7722
–15 250	1.68890	1.52862	1.23637	357.690	1.9316	1.0315	2.7685
–15 000	1.67513	1.51852	1.23228	357.411	1.9294	1.0372	2.7647
–14 750	1.66146	1.50848	1.22820	357.133	1.9271	1.0429	2.7609
–14 500	1.64788	1.49848	1.22412	356.854	1.9248	1.0486	2.7571
–14 250	1.63438	1.48854	1.22006	356.575	1.9225	1.0543	2.7533
–14 000	1.62098 +0	1.47865 +0	1.21600 +0	356.296	1.9202 –5	1.0601 –5	2.7495 –2
–13 800	1.61032	1.47077	1.21275	356.072	1.9184	1.0648	2.7465
–13 600	1.59972	1.46292	1.20951	355.849	1.9166	1.0695	2.7435
–13 400	1.58917	1.45511	1.20628	355.625	1.9147	1.0742	2.7404
–13 200	1.57869	1.44733	1.20305	355.401	1.9129	1.0789	2.7374
–13 000	1.56825	1.43958	1.19982	355.177	1.9111	1.0837	2.7343
–12 800	1.55788	1.43186	1.19660	354.952	1.9092	1.0885	2.7313
–12 600	1.54756	1.42418	1.19339	354.728	1.9074	1.0933	2.7283
–12 400	1.53729	1.41652	1.19018	354.504	1.9056	1.0982	2.7252
–12 200	1.52708	1.40890	1.18697	354.279	1.9037	1.1030	2.7222
–12 000	1.51693 +0	1.40131 +0	1.18377 +0	354.054	1.9019 –5	1.1079 –5	2.7191 –2
–11 800	1.50682	1.39375	1.18057	353.829	1.9000	1.1129	2.7161
–11 600	1.49678	1.38622	1.17738	353.604	1.8982	1.1178	2.7130
–11 400	1.48679	1.37872	1.17419	353.379	1.8964	1.1228	2.7100
–11 200	1.47685	1.37125	1.17100	353.153	1.8945	1.1278	2.7069
–11 000	1.46697	1.36382	1.16783	352.928	1.8927	1.1329	2.7039
–10 800	1.45714	1.35641	1.16465	352.702	1.8908	1.1380	2.7008
–10 600	1.44736	1.34904	1.16148	352.476	1.8890	1.1431	2.6978
–10 400	1.43763	1.34170	1.15832	352.250	1.8871	1.1482	2.6947
–10 200	1.42796	1.33438	1.15515	352.024	1.8853	1.1533	2.6917
–10 000	1.41835 +0	1.32710 +0	1.15200 +0	351.798	1.8834 –5	1.1585 –5	2.6886 –2
–9 800	1.40878	1.31985	1.14885	351.572	1.8816	1.1638	2.6856
–9 600	1.39927	1.31263	1.14570	351.345	1.8797	1.1690	2.6825
–9 400	1.38981	1.30544	1.14256	351.119	1.8779	1.1743	2.6794
–9 200	1.38040	1.29828	1.13942	350.892	1.8760	1.1796	2.6764
–9 000	1.37104	1.29114	1.13628	350.665	1.8742	1.1849	2.6733
–8 800	1.36173	1.28404	1.13315	350.438	1.8723	1.1903	2.6703
–8 600	1.35248	1.27697	1.13003	350.210	1.8704	1.1957	2.6672
–8 400	1.34328	1.26993	1.12691	349.983	1.8686	1.2012	2.6641
–8 200	1.33412	1.26292	1.12380	349.755	1.8667	1.2066	2.6611
–8 000	1.32502 +0	1.25594 +0	1.12069 +0	349.528	1.8649 –5	1.2121 –5	2.6580 –2
–7 800	1.31597	1.24899	1.11758	349.300	1.8630	1.2176	2.6549
–7 600	1.30697	1.24206	1.11448	349.072	1.8611	1.2232	2.6519
–7 400	1.29801	1.23517	1.11138	348.844	1.8593	1.2288	2.6488
–7 200	1.28911	1.22831	1.10829	348.615	1.8574	1.2344	2.6457
–7 000	1.28026	1.22147	1.10520	348.387	1.8555	1.2401	2.6426
–6 800	1.27146	1.21467	1.10212	348.158	1.8537	1.2458	2.6396
–6 600	1.26270	1.20789	1.09904	347.929	1.8518	1.2515	2.6365
–6 400	1.25400	1.20114	1.09597	347.700	1.8499	1.2573	2.6334
–6 200	1.24534	1.19442	1.09290	347.471	1.8481	1.2630	2.6303
–6 000	1.23673 +0	1.18773 +0	1.08983 +0	347.242	1.8462 –5	1.2689 –5	2.6272 –2
–5 800	1.22817	1.18107	1.08677	347.013	1.8443	1.2747	2.6242
–5 600	1.21966	1.17444	1.08372	346.783	1.8424	1.2806	2.6211
–5 400	1.21119	1.16783	1.08066	346.554	1.8405	1.2866	2.6180
–5 200	1.20278	1.16126	1.07762	346.324	1.8387	1.2925	2.6149
–5 000	1.19441	1.15471	1.07457	346.094	1.8368	1.2985	2.6118
–4 800	1.18609	1.14819	1.07154	345.864	1.8349	1.3046	2.6087
–4 600	1.17781	1.14170	1.06850	345.633	1.8330	1.3106	2.6057
–4 400	1.16958	1.13524	1.06548	345.403	1.8311	1.3167	2.6026
–4 200	1.16140	1.12880	1.06245	345.172	1.8293	1.3229	2.5995

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
–4 000	1.15330 +0	1.12242 +0	1.05944 +0	344.943	1.8274 –5	1.3290 –5	2.5964 –2
–3 800	1.14520	1.11604	1.05643	344.712	1.8255	1.3353	2.5933
–3 600	1.13716	1.10969	1.05342	344.490	1.8236	1.3415	2.5902
–3 400	1.12916	1.10336	1.05041	344.249	1.8217	1.3478	2.5871
–3 200	1.12120	1.09706	1.04741	344.018	1.8198	1.3541	2.5840
–3 000	1.11330	1.09079	1.04441	343.786	1.8179	1.3605	2.5809
–2 800	1.10543	1.08455	1.04142	343.554	1.8160	1.3669	2.5778
–2 600	1.09761	1.07833	1.03843	343.323	1.8141	1.3733	2.5747
–2 400	1.08984	1.07215	1.03545	343.090	1.8122	1.3798	2.5716
–2 200	1.08211	1.06599	1.03247	342.858	1.8103	1.3863	2.5685
–2 000	1.07443 +0	1.05985 +0	1.02949 +0	342.626	1.8084 –5	1.3929 –5	2.5654 –2
–1 800	1.06679	1.05375	1.02652	342.393	1.8065	1.3995	2.5623
–1 600	1.05919	1.04767	1.02356	342.161	1.8046	1.4061	2.5592
–1 400	1.05164	1.04162	1.02060	341.928	1.8027	1.4128	2.5561
–1 200	1.04414	1.03559	1.01764	341.695	1.8008	1.4195	2.5530
–1 000	1.03667	1.02959	1.01469	341.462	1.7989	1.4263	2.5499
–800	1.02925	1.02362	1.01174	341.229	1.7970	1.4331	2.5467
–600	1.02187	1.01768	1.00880	340.995	1.7951	1.4399	2.5436
–400	1.01454	1.01176	1.00586	340.762	1.7932	1.4468	2.5405
–200	1.00725	1.00587	1.00293	340.528	1.7913	1.4538	2.5374
0	1.00000 +0	1.00000 +0	1.00000 +0	340.294	1.7894 –5	1.4607 –5	2.5343 –2
200	9.92793 –1	9.94160 –1	9.97076 –1	340.060	1.7875	1.4677	2.5312
400	9.85629	9.88347	9.94156	339.826	1.7856	1.4748	2.5280
600	9.78507	9.82561	9.91242	339.591	1.7836	1.4819	2.5249
800	9.71427	9.76800	9.88332	339.357	1.7817	1.4890	2.5218
1 000	9.64389	9.71065	9.85426	339.122	1.7798	1.4962	2.5187
1 200	9.57392	9.65356	9.82525	338.887	1.7779	1.5034	2.5156
1 400	9.50436	9.59673	9.79629	338.652	1.7760	1.5107	2.5124
1 600	9.43522	9.54016	9.76737	338.417	1.7740	1.5180	2.5093
1 800	9.36648	9.48384	9.73850	338.182	1.7721	1.5254	2.5062
2 000	9.29815 –1	9.42778 –1	9.70968 –1	337.946	1.7702 –5	1.5328 –5	2.5031 –2
2 200	9.23023	9.37198	9.68090	337.711	1.7683	1.5402	2.4999
2 400	9.16271	9.31642	9.65216	337.475	1.7663	1.5477	2.4968
2 600	9.09559	9.26113	9.62348	337.239	1.7644	1.5553	2.4937
2 800	9.02887	9.20608	9.59483	337.003	1.7625	1.5628	2.4905
3 000	8.96255	9.15129	9.56624	336.767	1.7606	1.5705	2.4874
3 200	8.89663	9.09674	9.53768	336.530	1.7586	1.5782	2.4843
3 400	8.83110	9.04245	9.50918	336.294	1.7567	1.5859	2.4811
3 600	8.76596	8.98841	9.48072	336.057	1.7548	1.5937	2.4780
3 800	8.70122	8.93461	9.45231	335.820	1.7528	1.6015	2.4749
4 000	8.63686 –1	8.88106 –1	9.42394 –1	335.583	1.7509 –5	1.6094 –5	2.4717 –2
4 200	8.57289	8.82776	9.39562	335.346	1.7490	1.6173	2.4686
4 400	8.50931	8.77471	9.36734	335.108	1.7470	1.6253	2.4654
4 600	8.44611	8.72190	9.33911	334.871	1.7451	1.6333	2.4623
4 800	8.38329	8.66933	9.31092	334.633	1.7431	1.6414	2.4591
5 000	8.32085	8.61701	9.28279	334.395	1.7412	1.6495	2.4560
5 200	8.25879	8.56494	9.25470	334.157	1.7393	1.6577	2.4529
5 400	8.19711	8.51310	9.22665	333.919	1.7373	1.6659	2.4497
5 600	8.13580	8.46150	9.19864	333.680	1.7354	1.6742	2.4466
5 800	8.07486	8.41015	9.17069	333.442	1.7334	1.6825	2.4434
6 000	8.01430 –1	8.35904 –1	9.14278 –1	333.203	1.7315 –5	1.6909 –5	2.4403 –2
6 200	7.95410	8.30816	9.11491	332.964	1.7295	1.6993	2.4371
6 400	7.89427	8.25752	9.08709	332.725	1.7276	1.7078	2.4339
6 600	7.83481	8.20712	9.05932	332.486	1.7256	1.7164	2.4308
6 800	7.77571	8.15696	9.03159	332.246	1.7237	1.7250	2.4276
7 000	7.71698	8.10703	9.00390	332.007	1.7217	1.7336	2.4245
7 200	7.65861	8.05734	8.97627	331.767	1.7197	1.7423	2.4213
7 400	7.60059	8.00788	8.94868	331.527	1.7178	1.7511	2.4182
7 600	7.54293	7.95866	8.92113	331.287	1.7158	1.7599	2.4150
7 800	7.48563	7.90967	8.89363	331.047	1.7139	1.7688	2.4118

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
–4 000	1.15327 +0	1.12240 +0	1.05943 +0	344.942	1.8274 –5	1.3291 –5	2.5964 –2
–3 800	1.14518	1.11602	1.05642	344.711	1.8255	1.3353	2.5933
–3 600	1.13713	1.10967	1.05341	344.480	1.8236	1.3415	2.5902
–3 400	1.12914	1.10334	1.05040	344.249	1.8217	1.3478	2.5871
–3 200	1.12118	1.09705	1.04740	344.017	1.8198	1.3541	2.5840
–3 000	1.11328	1.09078	1.04440	343.786	1.8179	1.3605	2.5809
–2 800	1.10542	1.08454	1.04141	343.554	1.8160	1.3669	2.5778
–2 600	1.09760	1.07832	1.03842	343.322	1.8141	1.3734	2.5747
–2 400	1.08983	1.07214	1.03544	343.090	1.8122	1.3798	2.5716
–2 200	1.08210	1.06598	1.03246	342.858	1.8103	1.3864	2.5685
–2 000	1.07442 +0	1.05985 +0	1.02949 +0	342.626	1.8084 –5	1.3929 –5	2.5654 –2
–1 800	1.06678	1.05374	1.02652	342.393	1.8065	1.3995	2.5623
–1 600	1.05919	1.04766	1.02355	342.161	1.8046	1.4061	2.5592
–1 400	1.05164	1.04161	1.02059	341.928	1.8027	1.4128	2.5561
–1 200	1.04413	1.03559	1.01764	341.695	1.8008	1.4195	2.5530
–1 000	1.03667	1.02959	1.01469	341.462	1.7989	1.4263	2.5499
–800	1.02925	1.02362	1.01174	341.229	1.7970	1.4331	2.5467
–600	1.02187	1.01768	1.00880	340.995	1.7951	1.4399	2.5436
–400	1.01454	1.01176	1.00586	340.762	1.7932	1.4468	2.5405
–200	1.00725	1.00587	1.00293	340.528	1.7913	1.4538	2.5374
0	1.00000 +0	1.00000 +0	1.00000 +0	340.294	1.7894 –5	1.4607 –5	2.5343 –2
200	9.92793	9.94160	9.97076	340.060	1.7875	1.4677	2.5312
400	9.85629	9.88347	9.94156	339.826	1.7856	1.4748	2.5280
600	9.78507	9.82560	9.91242	339.591	1.7836	1.4819	2.5249
800	9.71426	9.76799	9.88331	339.357	1.7817	1.4890	2.5218
1 000	9.64387	9.71064	9.85426	339.122	1.7798	1.4962	2.5187
1 200	9.57389	9.65354	9.82524	338.887	1.7779	1.5034	2.5156
1 400	9.50433	9.59671	9.79628	338.652	1.7760	1.5107	2.5124
1 600	9.43517	9.54012	9.76735	338.417	1.7740	1.5180	2.5093
1 800	9.36643	9.48380	9.73848	338.182	1.7721	1.5254	2.5062
2 000	9.29809 –1	9.42773 –1	9.70965 –1	337.946	1.7702 –5	1.5328 –5	2.5031 –2
2 200	9.23015	9.37191	9.68086	337.710	1.7683	1.5402	2.4999
2 400	9.16262	9.31635	9.65212	337.475	1.7663	1.5477	2.4968
2 600	9.09548	9.26104	9.62343	337.239	1.7644	1.5553	2.4937
2 800	9.02875	9.20598	9.59478	337.002	1.7625	1.5629	2.4905
3 000	8.96241	9.15117	9.56617	336.766	1.7606	1.5705	2.4874
3 200	8.89647	9.09661	9.53762	336.530	1.7586	1.5782	2.4843
3 400	8.83092	9.04230	9.50910	336.293	1.7567	1.5859	2.4811
3 600	8.76576	8.98824	9.48063	336.056	1.7548	1.5937	2.4780
3 800	8.70099	8.93443	9.45221	335.819	1.7528	1.6015	2.4748
4 000	8.63661 –1	8.88086 –1	9.42383 –1	335.582	1.7509 –5	1.6094 –5	2.4717 –2
4 200	8.57262	8.82754	9.39550	335.345	1.7489	1.6173	2.4686
4 400	8.50901	8.77446	9.36721	335.107	1.7470	1.6253	2.4654
4 600	8.44579	8.72163	9.33897	334.869	1.7451	1.6333	2.4623
4 800	8.38294	8.66904	9.31077	334.632	1.7431	1.6414	2.4591
5 000	8.32048	8.61670	9.28262	334.394	1.7412	1.6496	2.4560
5 200	8.25839	8.56460	9.25451	334.155	1.7392	1.6577	2.4528
5 400	8.19667	8.51274	9.22645	333.917	1.7373	1.6660	2.4497
5 600	8.13534	8.46112	9.19843	333.678	1.7353	1.6743	2.4465
5 800	8.07437	8.40974	9.17046	333.440	1.7334	1.6826	2.4434
6 000	8.01377 –1	8.35860 –1	9.14254 –1	333.201	1.7314 –5	1.6910 –5	2.4402 –2
6 200	7.95355	8.30769	9.11465	332.962	1.7295	1.6994	2.4371
6 400	7.89369	8.25703	9.08682	332.723	1.7275	1.7079	2.4339
6 600	7.83419	8.20660	9.05903	332.483	1.7256	1.7165	2.4308
6 800	7.77506	8.15640	9.03128	332.244	1.7236	1.7251	2.4276
7 000	7.71629	8.10645	9.00358	332.004	1.7217	1.7337	2.4244
7 200	7.65788	8.05672	8.97592	331.764	1.7197	1.7425	2.4213
7 400	7.59983	8.00723	8.94831	331.524	1.7178	1.7512	2.4181
7 600	7.54214	7.95798	8.92075	331.284	1.7158	1.7601	2.4150
7 800	7.48480	7.90895	8.89323	331.043	1.7138	1.7689	2.4118

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
8 000	7.42869 –1	7.86091 –1	8.86618 –1	330.806	1.7119 –5	1.7777 –5	2.4087 –2
8 200	7.37209	7.81238	8.83877	330.566	1.7099	1.7867	2.4055
8 400	7.31585	7.76408	8.81140	330.325	1.7080	1.7958	2.4023
8 600	7.25995	7.71601	8.78408	330.084	1.7060	1.8049	2.3992
8 800	7.20440	7.66817	8.75681	329.843	1.7040	1.8141	2.3960
9 000	7.14920	7.62056	8.72958	329.602	1.7021	1.8233	2.3928
9 200	7.09434	7.57318	8.70240	329.360	1.7001	1.8326	2.3897
9 400	7.03983	7.52602	8.67526	329.119	1.6981	1.8419	2.3865
9 600	6.98565	7.47909	8.64817	328.877	1.6962	1.8513	2.3833
9 800	6.93182	7.43238	8.62113	328.635	1.6942	1.8608	2.3802
10 000	6.87832 –1	7.38590 –1	8.59413 –1	328.393	1.6922 –5	1.8703 –5	2.3770 –2
10 200	6.82516	7.33964	8.56717	328.151	1.6902	1.8799	2.3738
10 400	6.77233	7.29361	8.54026	327.908	1.6883	1.8896	2.3706
10 600	6.71983	7.24779	8.51340	327.665	1.6863	1.8993	2.3675
10 800	6.66767	7.20220	8.48658	327.423	1.6843	1.9090	2.3643
11 000	6.61583	7.15683	8.45980	327.180	1.6823	1.9189	2.3611
11 200	6.56433	7.11168	8.43308	326.936	1.6803	1.9288	2.3579
11 400	6.51314	7.06674	8.40639	326.693	1.6783	1.9388	2.3547
11 600	6.46229	7.02203	8.37976	326.450	1.6764	1.9488	2.3515
11 800	6.41175	6.97753	8.35316	326.206	1.6744	1.9589	2.3484
12 000	6.36154 –1	6.93325 –1	8.32661 –1	325.962	1.6724 –5	1.9691 –5	2.3452 –2
12 200	6.31165	6.88919	8.30011	325.718	1.6704	1.9793	2.3420
12 400	6.26207	6.84534	8.27366	325.474	1.6684	1.9896	2.3388
12 600	6.21282	6.80171	8.24725	325.229	1.6664	2.0000	2.3356
12 800	6.16387	6.75829	8.22088	324.985	1.6644	2.0104	2.3324
13 000	6.11525	6.71508	8.19456	324.740	1.6624	2.0209	2.3292
13 200	6.06693	6.67209	8.16829	324.495	1.6604	2.0315	2.3260
13 400	6.01892	6.62931	8.14206	324.250	1.6584	2.0422	2.3228
13 600	5.97123	6.58674	8.11587	324.004	1.6564	2.0529	2.3196
13 800	5.92384	6.54438	8.08973	323.759	1.6544	2.0637	2.3164
14 000	5.87675 –1	6.50222 –1	8.06363 –1	323.513	1.6524 –5	2.0745 –5	2.3132 –2
14 200	5.82997	6.46028	8.03759	323.267	1.6504	2.0855	2.3100
14 400	5.78350	6.41855	8.01159	323.021	1.6484	2.0965	2.3068
14 600	5.73732	6.37702	7.98562	322.775	1.6464	2.1076	2.3036
14 800	5.69145	6.33570	7.95971	322.529	1.6444	2.1187	2.3004
15 000	5.64587	6.29459	7.93385	322.282	1.6424	2.1300	2.2972
15 200	5.60059	6.25368	7.90802	322.035	1.6404	2.1413	2.2940
15 400	5.55560	6.21297	7.88224	321.788	1.6384	2.1527	2.2908
15 600	5.51091	6.17247	7.85651	321.541	1.6364	2.1641	2.2876
15 800	5.46651	6.13217	7.83082	321.294	1.6343	2.1757	2.2844
16 000	5.42241 –1	6.09208 –1	7.80518 –1	321.046	1.6323 –5	2.1873 –5	2.2812 –2
16 200	5.37859	6.05218	7.77958	320.799	1.6303	2.1990	2.2780
16 400	5.33506	6.01249	7.75402	320.551	1.6283	2.2108	2.2748
16 600	5.29181	5.97300	7.72852	320.303	1.6263	2.2226	2.2716
16 800	5.24885	5.93370	7.70305	320.054	1.6242	2.2346	2.2684
17 000	5.20618	5.89461	7.67764	319.806	1.6222	2.2466	2.2651
17 200	5.16379	5.85571	7.65226	319.557	1.6202	2.2587	2.2619
17 400	5.12168	5.81701	7.62693	319.308	1.6182	2.2709	2.2587
17 600	5.07984	5.77851	7.60165	319.059	1.6161	2.2831	2.2555
17 800	5.03829	5.74021	7.57642	318.810	1.6141	2.2955	2.2523
18 000	4.99701 –1	5.70210 –1	7.55123 –1	318.561	1.6121 –5	2.3079 –5	2.2490 –2
18 200	4.95601	5.66418	7.52607	318.311	1.6101	2.3204	2.2458
18 400	4.91528	5.62646	7.50097	318.061	1.6080	2.3330	2.2426
18 600	4.87482	5.58893	7.47591	317.811	1.6060	2.3457	2.2394
18 800	4.83463	5.55159	7.45090	317.561	1.6040	2.3585	2.2361
19 000	4.79472	5.51445	7.42593	317.311	1.6019	2.3714	2.2329
19 200	4.75507	5.47749	7.40101	317.060	1.5999	2.3843	2.2297
19 400	4.71568	5.44073	7.37613	316.809	1.5978	2.3974	2.2265
19 600	4.67657	5.40415	7.35129	316.558	1.5958	2.4105	2.2232
19 800	4.63771	5.36777	7.32651	316.307	1.5938	2.4238	2.2200

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
8 000	7.42781 –1	7.86016 –1	8.86575 –1	330.803	1.7119 –5	1.7779 –5	2.4086 –2
8 200	7.37118	7.81160	8.83833	330.562	1.7099	1.7869	2.4055
8 400	7.31490	7.76326	8.81094	330.321	1.7079	1.7959	2.4023
8 600	7.25896	7.71516	8.78360	330.080	1.7060	1.8051	2.3991
8 800	7.20337	7.66729	8.75631	329.839	1.7040	1.8142	2.3960
9 000	7.14813	7.61964	8.72905	329.597	1.7020	1.8235	2.3928
9 200	7.09323	7.57222	8.70185	329.355	1.7001	1.8328	2.3896
9 400	7.03868	7.52502	8.67469	329.114	1.6981	1.8421	2.3864
9 600	6.98446	7.47805	8.64757	328.872	1.6961	1.8515	2.3833
9 800	6.93058	7.43131	8.62050	328.629	1.6941	1.8610	2.3801
10 000	6.87704 –1	7.38479 –1	8.59348 –1	328.387	1.6922 –5	1.8705 –5	2.3769 –2
10 200	6.82383	7.33849	8.56650	328.145	1.6902	1.8801	2.3737
10 400	6.77096	7.29241	8.53956	327.902	1.6882	1.8898	2.3705
10 600	6.71842	7.24656	8.51267	327.659	1.6862	1.8995	2.3674
10 800	6.66621	7.20093	8.48583	327.416	1.6842	1.9093	2.3642
11 000	6.61433	7.15552	8.45903	327.173	1.6823	1.9192	2.3610
11 200	6.56278	7.11032	8.43227	326.929	1.6803	1.9291	2.3578
11 400	6.51155	7.06535	8.40556	326.685	1.6783	1.9391	2.3546
11 600	6.46065	7.02059	8.37890	326.442	1.6763	1.9491	2.3514
11 800	6.41007	6.97605	8.35228	326.198	1.6743	1.9592	2.3483
12 000	6.35981 –1	6.93173 –1	8.32570 –1	325.954	1.6723 –5	1.9694 –5	2.3451 –2
12 200	6.30987	6.88762	8.29917	325.709	1.6703	1.9797	2.3419
12 400	6.26025	6.84373	8.27268	325.465	1.6683	1.9900	2.3387
12 600	6.21095	6.80005	8.24624	325.220	1.6663	2.0004	2.3355
12 800	6.16196	6.75659	8.21985	324.975	1.6643	2.0108	2.3323
13 000	6.11328	6.71334	8.19350	324.730	1.6623	2.0214	2.3291
13 200	6.06492	6.67030	8.16719	324.485	1.6603	2.0320	2.3259
13 400	6.01686	6.62747	8.14093	324.239	1.6583	2.0426	2.3227
13 600	5.96912	6.58485	8.11471	323.993	1.6563	2.0534	2.3195
13 800	5.92168	6.54245	8.08854	323.748	1.6543	2.0642	2.3163
14 000	5.87455 –1	6.50025 –1	8.06241 –1	323.502	1.6523 –5	2.0751 –5	2.3131 –2
14 200	5.82772	6.45826	8.03633	323.255	1.6503	2.0860	2.3099
14 400	5.78119	6.41648	8.01029	323.009	1.6483	2.0970	2.3067
14 600	5.73497	6.37490	7.98430	322.762	1.6463	2.1081	2.3035
14 800	5.68904	6.33353	7.95835	322.516	1.6443	2.1193	2.3003
15 000	5.64342	6.29237	7.93245	322.269	1.6423	2.1306	2.2971
15 200	5.59809	6.25142	7.90659	322.022	1.6403	2.1419	2.2939
15 400	5.55305	6.21066	7.88077	321.774	1.6383	2.1533	2.2906
15 600	5.50831	6.17011	7.85500	321.527	1.6362	2.1648	2.2874
15 800	5.46386	6.12977	7.82928	321.279	1.6342	2.1764	2.2842
16 000	5.41971 –1	6.08962 –1	7.80360 –1	321.031	1.6322 –5	2.1880 –5	2.2810 –2
16 200	5.37584	6.04968	7.77797	320.783	1.6302	2.1997	2.2778
16 400	5.33226	6.00994	7.75238	320.535	1.6282	2.2115	2.2746
16 600	5.28896	5.97039	7.72683	320.286	1.6261	2.2234	2.2714
16 800	5.24596	5.93105	7.70133	320.037	1.6241	2.2354	2.2681
17 000	5.20323	5.89191	7.67588	319.789	1.6221	2.2474	2.2649
17 200	5.16079	5.85296	7.65046	319.539	1.6201	2.2595	2.2617
17 400	5.11863	5.81421	7.62510	319.290	1.6180	2.2717	2.2585
17 600	5.07674	5.77566	7.59978	319.041	1.6160	2.2840	2.2552
17 800	5.03514	5.73730	7.57450	318.791	1.6140	2.2964	2.2520
18 000	4.99381 –1	5.69914 –1	7.54926 –1	318.541	1.6119 –5	2.3089 –5	2.2488 –2
18 200	4.95276	5.66117	7.52407	318.291	1.6099	2.3214	2.2456
18 400	4.91198	5.62340	7.49893	318.041	1.6079	2.3341	2.2423
18 600	4.87147	5.58582	7.47383	317.791	1.6058	2.3468	2.2391
18 800	4.83124	5.54843	7.44878	317.540	1.6038	2.3596	2.2359
19 000	4.79127	5.51124	7.42377	317.289	1.6017	2.3725	2.2326
19 200	4.75157	5.47423	7.39880	317.038	1.5997	2.3855	2.2294
19 400	4.71214	5.43742	7.37389	316.787	1.5977	2.3986	2.2262
19 600	4.67297	5.40079	7.34901	316.535	1.5956	2.4118	2.2229
19 800	4.63407	5.36436	7.32418	316.284	1.5936	2.4250	2.2197

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
20 000	4.59912 –1	5.33157 –1	7.30176 –1	316.056	1.5917 –5	2.4371 –5	2.2168 –2
20 200	4.56079	5.29557	7.27707	315.804	1.5897	2.4505	2.2135
20 400	4.52272	5.25974	7.25241	315.553	1.5876	2.4640	2.2103
20 600	4.48491	5.22411	7.22780	315.301	1.5856	2.4776	2.2071
20 800	4.44736	5.18866	7.20324	315.049	1.5835	2.4913	2.2038
21 000	4.41006	5.15340	7.17872	314.796	1.5815	2.5051	2.2006
21 200	4.37302	5.11832	7.15424	314.544	1.5794	2.5190	2.1973
21 400	4.33622	5.08342	7.12981	314.291	1.5774	2.5330	2.1941
21 600	4.29969	5.04871	7.10543	314.038	1.5753	2.5471	2.1908
21 800	4.26340	5.01418	7.08109	313.785	1.5732	2.5613	2.1876
22 000	4.22736 –1	4.97983 –1	7.05679 –1	313.532	1.5712 –5	2.5756 –5	2.1844 –2
22 200	4.19156	4.94566	7.03254	313.278	1.5691	2.5900	2.1811
22 400	4.15602	4.91167	7.00833	313.025	1.5671	2.6045	2.1779
22 600	4.12072	4.87786	6.98417	312.771	1.5650	2.6191	2.1746
22 800	4.08566	4.84423	6.96005	312.517	1.5629	2.6338	2.1714
23 000	4.05085	4.81078	6.93598	312.262	1.5609	2.6486	2.1681
23 200	4.01628	4.77751	6.91195	312.008	1.5588	2.6635	2.1649
23 400	3.98194	4.74441	6.88797	311.753	1.5567	2.6785	2.1616
23 600	3.94785	4.71149	6.86403	311.498	1.5547	2.6937	2.1584
23 800	3.91399	4.67874	6.84013	311.243	1.5526	2.7089	2.1551
24 000	3.88037 –1	4.64617 –1	6.81628 –1	310.988	1.5505 –5	2.7242 –5	2.1518 –2
24 200	3.84699	4.61378	6.79248	310.732	1.5484	2.7397	2.1486
24 400	3.81383	4.58156	6.76872	310.476	1.5464	2.7553	2.1453
24 600	3.78091	4.54951	6.74501	310.220	1.5443	2.7709	2.1421
24 800	3.74823	4.51763	6.72133	309.964	1.5422	2.7867	2.1388
25 000	3.71577	4.48593	6.69771	309.708	1.5401	2.8026	2.1355
25 200	3.68354	4.45440	6.67413	309.451	1.5380	2.8187	2.1323
25 400	3.65153	4.42303	6.65059	309.195	1.5360	2.8348	2.1290
25 600	3.61976	4.39184	6.62710	308.938	1.5339	2.8511	2.1257
25 800	3.58821	4.36082	6.60365	308.680	1.5318	2.8674	2.1225
26 000	3.55688 –1	4.32996 –1	6.58024 –1	308.423	1.5297 –5	2.8839 –5	2.1192 –2
26 200	3.52577	4.29927	6.55688	308.165	1.5276	2.9005	2.1159
26 400	3.49489	4.26875	6.53357	307.908	1.5255	2.9173	2.1127
26 600	3.46422	4.23840	6.51030	307.650	1.5234	2.9341	2.1094
26 800	3.43378	4.20821	6.48707	307.391	1.5213	2.9511	2.1061
27 000	3.40355	4.17819	6.46389	307.133	1.5192	2.9682	2.1029
27 200	3.37354	4.14833	6.44075	306.874	1.5171	2.9855	2.0996
27 400	3.34374	4.11864	6.41766	306.615	1.5150	3.0028	2.0963
27 600	3.31416	4.08911	6.39461	306.356	1.5129	3.0203	2.0930
27 800	3.28479	4.05974	6.37161	306.097	1.5108	3.0379	2.0897
28 000	3.25563 –1	4.03054 –1	6.34865 –1	305.837	1.5087 –5	3.0557 –5	2.0865 –2
28 200	3.22668	4.00149	6.32573	305.578	1.5066	3.0736	2.0832
28 400	3.19795	3.97261	6.30286	305.318	1.5045	3.0916	2.0799
28 600	3.16942	3.94389	6.28004	305.057	1.5024	3.1097	2.0766
28 800	3.14109	3.91532	6.25725	304.797	1.5003	3.1280	2.0733
29 000	3.11298	3.88692	6.23452	304.536	1.4982	3.1465	2.0700
29 200	3.08506	3.85868	6.21183	304.276	1.4961	3.1650	2.0668
29 400	3.05736	3.83059	6.18918	304.015	1.4939	3.1837	2.0635
29 600	3.02985	3.80266	6.16657	303.753	1.4918	3.2026	2.0602
29 800	3.00254	3.77489	6.14401	303.492	1.4897	3.2215	2.0569
30 000	2.97544 –1	3.74727 –1	6.12149 –1	303.230	1.4876 –5	3.2407 –5	2.0536 –2
30 200	2.94853	3.71981	6.09902	302.968	1.4855	3.2599	2.0503
30 400	2.92182	3.69250	6.07659	302.706	1.4834	3.2793	2.0470
30 600	2.89531	3.66535	6.05421	302.444	1.4812	3.2989	2.0437
30 800	2.86900	3.63835	6.03187	302.181	1.4791	3.3186	2.0404
31 000	2.84287	3.61150	6.00958	301.918	1.4770	3.3385	2.0371
31 200	2.81695	3.58480	5.98732	301.655	1.4748	3.3585	2.0338
31 400	2.79121	3.55826	5.96512	301.392	1.4727	3.3787	2.0305
31 600	2.76567	3.53187	5.94295	301.128	1.4706	3.3990	2.0272
31 800	2.74031	3.50563	5.92084	300.865	1.4684	3.4194	2.0239

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
20 000	4.59543 –1	5.32811 –1	7.29939 –1	316.032	1.5915 –5	2.4384 –5	2.2164 –2
20 200	4.55705	5.29205	7.27465	315.780	1.5895	2.4518	2.2132
20 400	4.51894	5.25618	7.24995	315.528	1.5874	2.4654	2.2100
20 600	4.48108	5.22049	7.22530	315.275	1.5854	2.4790	2.2067
20 800	4.44347	5.18499	7.20069	315.023	1.5833	2.4928	2.2035
21 000	4.40613	5.14967	7.17612	314.770	1.5812	2.5066	2.2002
21 200	4.36904	5.11454	7.15160	314.517	1.5792	2.5205	2.1970
21 400	4.33220	5.07960	7.12713	314.263	1.5771	2.5346	2.1937
21 600	4.29561	5.04483	7.10270	314.010	1.5751	2.5487	2.1905
21 800	4.25927	5.01025	7.07831	313.756	1.5730	2.5629	2.1872
22 000	4.22319 –1	4.97585 –1	7.05397 –1	313.502	1.5709 –5	2.5773 –5	2.1840 –2
22 200	4.18735	4.94163	7.02967	313.248	1.5689	2.5917	2.1807
22 400	4.15176	4.90759	7.00542	312.994	1.5668	2.6062	2.1775
22 600	4.11641	4.87373	6.98121	312.740	1.5647	2.6209	2.1742
22 800	4.08131	4.84005	6.95705	312.485	1.5627	2.6356	2.1710
23 000	4.04645	4.80655	6.93293	312.230	1.5606	2.6505	2.1677
23 200	4.01183	4.77322	6.90885	311.975	1.5585	2.6654	2.1644
23 400	3.97745	4.74007	6.88482	311.720	1.5565	2.6805	2.1612
23 600	3.94331	4.70710	6.86083	311.464	1.5544	2.6957	2.1579
23 800	3.90941	4.67431	6.83689	311.208	1.5523	2.7110	2.1547
24 000	3.87574 –1	4.64169 –1	6.81299 –1	310.952	1.5502 –5	2.7264 –5	2.1514 –2
24 200	3.84231	4.60924	6.78914	310.696	1.5481	2.7419	2.1481
24 400	3.80912	4.57697	6.76533	310.440	1.5461	2.7575	2.1449
24 600	3.77615	4.54487	6.74157	310.183	1.5440	2.7732	2.1416
24 800	3.74342	4.51294	6.71784	309.926	1.5419	2.7891	2.1383
25 000	3.71092	4.48119	6.69417	309.669	1.5398	2.8050	2.1351
25 200	3.67864	4.44960	6.67053	309.412	1.5377	2.8211	2.1318
25 400	3.64660	4.41819	6.64695	309.155	1.5356	2.8373	2.1285
25 600	3.61478	4.38695	6.62341	308.897	1.5335	2.8536	2.1252
25 800	3.58319	4.35587	6.59990	308.639	1.5314	2.8701	2.1220
26 000	3.55182 –1	4.32497 –1	6.57645 –1	308.381	1.5294 –5	2.8866 –5	2.1187 –2
26 200	3.52067	4.29423	6.55304	308.123	1.5273	2.9033	2.1154
26 400	3.48974	4.26366	6.52967	307.864	1.5252	2.9201	2.1121
26 600	3.45904	4.23326	6.50635	307.606	1.5231	2.9370	2.1088
26 800	3.42855	4.20302	6.48307	307.347	1.5210	2.9541	2.1056
27 000	3.39828	4.17295	6.45984	307.088	1.5189	2.9712	2.1023
27 200	3.36823	4.14305	6.43665	306.828	1.5168	2.9885	2.0990
27 400	3.33839	4.11330	6.41350	306.569	1.5147	3.0060	2.0957
27 600	3.30877	4.08373	6.39041	306.309	1.5125	3.0235	2.0924
27 800	3.27936	4.05431	6.36735	306.049	1.5104	3.0412	2.0891
28 000	3.25017 –1	4.02506 –1	6.34434 –1	305.788	1.5083 –5	3.0591 –5	2.0858 –2
28 200	3.22118	3.99597	6.32137	305.528	1.5062	3.0770	2.0826
28 400	3.19241	3.96704	6.29844	305.267	1.5041	3.0951	2.0793
28 600	3.16384	3.93827	6.27556	305.006	1.5020	3.1133	2.0760
28 800	3.13548	3.90966	6.25273	304.745	1.4999	3.1317	2.0727
29 000	3.10732	3.88121	6.22994	304.484	1.4978	3.1502	2.0694
29 200	3.07938	3.85291	6.20718	304.222	1.4956	3.1688	2.0661
29 400	3.05163	3.82478	6.18448	303.960	1.4935	3.1876	2.0628
29 600	3.02409	3.79680	6.16182	303.698	1.4914	3.2065	2.0595
29 800	2.99675	3.76898	6.13920	303.436	1.4893	3.2256	2.0562
30 000	2.96961 –1	3.74132 –1	6.11663 –1	303.174	1.4871 –5	3.2448 –5	2.0529 –2
30 200	2.94267	3.71381	6.09410	302.911	1.4850	3.2642	2.0496
30 400	2.91592	3.68646	6.07162	302.648	1.4829	3.2837	2.0463
30 600	2.88938	3.65926	6.04918	302.385	1.4807	3.3033	2.0430
30 800	2.86303	3.63222	6.02679	302.121	1.4786	3.3231	2.0397
31 000	2.83688	3.60533	6.00444	301.858	1.4765	3.3431	2.0364
31 200	2.81091	3.57859	5.98213	301.594	1.4743	3.3632	2.0330
31 400	2.78515	3.55200	5.95987	301.330	1.4722	3.3835	2.0297
31 600	2.75957	3.52556	5.93764	301.065	1.4701	3.4039	2.0264
31 800	2.73418	3.49928	5.91547	300.801	1.4679	3.4244	2.0231

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
32 000	2.71515 –1	3.47954 –1	5.89876 –1	300.601	1.4663 –5	3.4401 –5	2.0206 –2
32 200	2.69017	3.45360	5.87673	300.337	1.4642	3.4609	2.0173
32 400	2.66538	3.42780	5.85474	300.072	1.4620	3.4818	2.0140
32 600	2.64077	3.40216	5.83280	299.808	1.4599	3.5029	2.0107
32 800	2.61635	3.37666	5.81090	299.543	1.4578	3.5242	2.0074
33 000	2.59212	3.35131	5.78905	299.278	1.4556	3.5456	2.0041
33 200	2.56806	3.32611	5.76724	299.012	1.4535	3.5672	2.0008
33 400	2.54419	3.30105	5.74548	298.747	1.4513	3.5890	1.9975
33 600	2.52050	3.27613	5.72375	298.481	1.4492	3.6109	1.9941
33 800	2.49699	3.25137	5.70208	298.215	1.4470	3.6331	1.9908
34 000	2.47365 –1	3.22674 –1	5.68044 –1	297.949	1.4449 –5	3.6553 –5	1.9875 –2
34 200	2.45050	3.20226	5.65885	297.682	1.4427	3.6778	1.9842
34 400	2.42752	3.17792	5.63730	297.416	1.4406	3.7004	1.9809
34 600	2.40471	3.15372	5.61580	297.149	1.4384	3.7232	1.9776
34 800	2.38208	3.12967	5.59435	296.882	1.4362	3.7462	1.9742
35 000	2.35962	3.10576	5.57293	296.614	1.4341	3.7694	1.9709
35 200	2.33734	3.08198	5.55156	296.346	1.4319	3.7927	1.9676
35 400	2.31522	3.05835	5.53024	296.079	1.4298	3.8163	1.9643
35 600	2.29328	3.03486	5.50896	295.810	1.4276	3.8400	1.9609
35 800	2.27150	3.01150	5.48771	295.542	1.4254	3.8639	1.9576
36 000	2.24990 –1	2.98828 –1	5.46652 –1	295.274	1.4233 –5	3.8880 –5	1.9543 –2
36 200	2.22846	2.96390	5.44417	295.069	1.4216	3.9154	1.9518
36 400	2.20721	2.93565	5.41816	295.069	1.4216	3.9531	1.9518
36 600	2.18617	2.90766	5.39227	295.069	1.4216	3.9912	1.9518
36 800	2.16533	2.87994	5.36651	295.069	1.4216	4.0296	1.9518
37 000	2.14469	2.85249	5.34087	295.069	1.4216	4.0684	1.9518
37 200	2.12424	2.82529	5.31535	295.069	1.4216	4.1075	1.9518
37 400	2.10399	2.79836	5.28995	295.069	1.4216	4.1471	1.9518
37 600	2.08393	2.77169	5.26468	295.069	1.4216	4.1870	1.9518
37 800	2.06407	2.74527	5.23953	295.069	1.4216	4.2273	1.9518
38 000	2.04439 –1	2.71910 –1	5.21450 –1	295.069	1.4216 –5	4.2680 –5	1.9518 –2
38 200	2.02491	2.69318	5.18959	295.069	1.4216	4.3090	1.9518
38 400	2.00561	2.66751	5.16479	295.069	1.4216	4.3505	1.9518
38 600	1.98649	2.64208	5.14012	295.069	1.4216	4.3924	1.9518
38 800	1.96756	2.61690	5.11556	295.069	1.4216	4.4346	1.9518
39 000	1.94880	2.59196	5.09113	295.069	1.4216	4.4773	1.9518
39 200	1.93023	2.56725	5.06680	295.069	1.4216	4.5204	1.9518
39 400	1.91183	2.54279	5.04261	295.069	1.4216	4.5639	1.9518
39 600	1.89361	2.51855	5.01852	295.069	1.4216	4.6078	1.9518
39 800	1.87556	2.49455	4.99455	295.069	1.4216	4.6521	1.9518
40 000	1.85769 –1	2.47077 –1	4.97068 –1	295.069	1.4216 –5	4.6969 –5	1.9518 –2
40 200	1.83999	2.44723	4.94695	295.069	1.4216	4.7421	1.9518
40 400	1.82245	2.42391	4.92332	295.069	1.4216	4.7877	1.9518
40 600	1.80508	2.40081	4.89981	295.069	1.4216	4.8338	1.9518
40 800	1.78788	2.37793	4.87640	295.069	1.4216	4.8803	1.9518
41 000	1.77084	2.35527	4.85311	295.069	1.4216	4.9273	1.9518
41 200	1.75397	2.33282	4.82993	295.069	1.4216	4.9747	1.9518
41 400	1.73726	2.31059	4.80686	295.069	1.4216	5.0225	1.9518
41 600	1.72070	2.28858	4.78391	295.069	1.4216	5.0708	1.9518
41 800	1.70431	2.26677	4.76106	295.069	1.4216	5.1196	1.9518
42 000	1.68807 –1	2.24517 –1	4.73832 –1	295.069	1.4216 –5	5.1689 –5	1.9518 –2
42 200	1.67198	2.22378	4.71570	295.069	1.4216	5.2186	1.9518
42 400	1.65605	2.20259	4.69318	295.069	1.4216	5.2688	1.9518
42 600	1.64027	2.18160	4.67076	295.069	1.4216	5.3195	1.9518
42 800	1.62464	2.16082	4.64846	295.069	1.4216	5.3707	1.9518
43 000	1.60916	2.14023	4.62626	295.069	1.4216	5.4223	1.9518
43 200	1.59383	2.11984	4.60417	295.069	1.4216	5.4745	1.9518
43 400	1.57865	2.09964	4.58218	295.069	1.4216	5.5271	1.9518
43 600	1.56361	2.07964	4.56031	295.069	1.4216	5.5803	1.9518
43 800	1.54871	2.05983	4.53854	295.069	1.4216	5.6340	1.9518

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
32 000	2.70899 –1	3.47315 –1	5.89334 –1	300.536	1.4658 –5	3.4452 –5	2.0198 –2
32 200	2.68398	3.44716	5.87125	300.271	1.4636	3.4661	2.0165
32 400	2.65916	3.42132	5.84921	300.006	1.4615	3.4871	2.0132
32 600	2.63453	3.39564	5.82721	299.740	1.4593	3.5083	2.0098
32 800	2.61008	3.37010	5.80526	299.474	1.4572	3.5297	2.0065
33 000	2.58581	3.34470	5.78334	299.208	1.4550	3.5513	2.0032
33 200	2.56173	3.31946	5.76148	298.942	1.4529	3.5730	1.9999
33 400	2.53783	3.29436	5.73965	298.676	1.4507	3.5949	1.9966
33 600	2.51411	3.26940	5.71787	298.409	1.4486	3.6169	1.9932
33 800	2.49057	3.24460	5.69614	298.142	1.4464	3.6392	1.9899
34 000	2.46721 –1	3.21993 –1	5.67444 –1	297.875	1.4443 –5	3.6616 –5	1.9866 –2
34 200	2.44402	3.19541	5.65280	297.607	1.4421	3.6841	1.9833
34 400	2.42102	3.17103	5.63119	297.340	1.4399	3.7069	1.9799
34 600	2.39819	3.14679	5.60963	297.072	1.4378	3.7298	1.9766
34 800	2.37553	3.12270	5.58811	296.804	1.4356	3.7529	1.9733
35 000	2.35305	3.09875	5.56664	296.535	1.4334	3.7762	1.9699
35 200	2.33074	3.07494	5.54521	296.267	1.4313	3.7997	1.9666
35 400	2.30860	3.05126	5.52382	295.998	1.4291	3.8234	1.9633
35 600	2.28663	3.02773	5.50248	295.729	1.4269	3.8473	1.9599
35 800	2.26483	3.00434	5.48119	295.459	1.4248	3.8713	1.9566
36 000	2.24320 –1	2.98109 –1	5.45994 –1	295.190	1.4226 –5	3.8955 –5	1.9533 –2
36 200	2.22175	2.95498	5.43597	295.069	1.4216	3.9273	1.9518
36 400	2.20049	2.92671	5.40991	295.069	1.4216	3.9652	1.9518
36 600	2.17944	2.89871	5.38397	295.069	1.4216	4.0035	1.9518
36 800	2.15859	2.87098	5.35815	295.069	1.4216	4.0422	1.9518
37 000	2.13794	2.84352	5.33247	295.069	1.4216	4.0812	1.9518
37 200	2.11749	2.81631	5.30689	295.069	1.4216	4.1206	1.9518
37 400	2.09723	2.78937	5.28145	295.069	1.4216	4.1604	1.9518
37 600	2.07717	2.76269	5.25613	295.069	1.4216	4.2006	1.9518
37 800	2.05730	2.73626	5.23093	295.069	1.4216	4.2412	1.9518
38 000	2.03762 –1	2.71008 –1	5.20584 –1	295.069	1.4216 –5	4.2822 –5	1.9518 –2
38 200	2.01812	2.68415	5.18088	295.069	1.4216	4.3235	1.9518
38 400	1.99882	2.65848	5.15604	295.069	1.4216	4.3653	1.9518
38 600	1.97969	2.63304	5.13132	295.069	1.4216	4.4075	1.9518
38 800	1.96075	2.60785	5.10671	295.069	1.4216	4.4500	1.9518
39 000	1.94200	2.58290	5.08222	295.069	1.4216	4.4930	1.9518
39 200	1.92342	2.55820	5.05787	295.069	1.4216	4.5364	1.9518
39 400	1.90502	2.53372	5.03361	295.069	1.4216	4.5802	1.9518
39 600	1.88679	2.50948	5.00947	295.069	1.4216	4.6245	1.9518
39 800	1.86874	2.48548	4.98546	295.069	1.4216	4.6691	1.9518
40 000	1.85087 –1	2.46170 –1	4.96155 –1	295.069	1.4216 –5	4.7142 –5	1.9518 –2
40 200	1.83316	2.43815	4.93776	295.069	1.4216	4.7598	1.9518
40 400	1.81562	2.41482	4.91408	295.069	1.4216	4.8057	1.9518
40 600	1.79825	2.39172	4.89052	295.069	1.4216	4.8522	1.9518
40 800	1.78105	2.36884	4.86707	295.069	1.4216	4.8990	1.9518
41 000	1.76401	2.34618	4.84374	295.069	1.4216	4.9463	1.9518
41 200	1.74713	2.32373	4.82051	295.069	1.4216	4.9941	1.9518
41 400	1.73042	2.30150	4.79740	295.069	1.4216	5.0424	1.9518
41 600	1.71387	2.27949	4.77440	295.069	1.4216	5.0911	1.9518
41 800	1.69747	2.25768	4.75151	295.069	1.4216	5.1402	1.9518
42 000	1.68123 –1	2.23608 –1	4.72872 –1	295.069	1.4216 –5	5.1899 –5	1.9518 –2
42 200	1.66515	2.21469	4.70605	295.069	1.4216	5.2400	1.9518
42 400	1.64922	2.19350	4.68348	295.069	1.4216	5.2906	1.9518
42 600	1.63344	2.17252	4.66103	295.069	1.4216	5.3417	1.9518
42 800	1.61781	2.15173	4.63867	295.069	1.4216	5.3933	1.9518
43 000	1.60234	2.13115	4.61644	295.069	1.4216	5.4454	1.9518
43 200	1.58701	2.11076	4.59430	295.069	1.4216	5.4980	1.9518
43 400	1.57183	2.09057	4.57228	295.069	1.4216	5.5511	1.9518
43 600	1.55679	2.07057	4.55035	295.069	1.4216	5.6047	1.9518
43 800	1.54189	2.05076	4.52853	295.069	1.4216	5.6589	1.9518

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
44 000	1.53396 –1	2.04020 –1	4.51686 –1	295.069	1.4216 –5	5.6882 –5	1.9518 –2
44 200	1.51935	2.02077	4.49530	295.069	1.4216	5.7429	1.9518
44 400	1.50487	2.00152	4.47384	295.069	1.4216	5.7981	1.9518
44 600	1.49054	1.98245	4.45247	295.069	1.4216	5.8539	1.9518
44 800	1.47634	1.96357	4.43122	295.069	1.4216	5.9102	1.9518
45 000	1.46227	1.94486	4.41006	295.069	1.4216	5.9670	1.9518
45 200	1.44834	1.92634	4.38901	295.069	1.4216	6.0244	1.9518
45 400	1.43455	1.90799	4.36805	295.069	1.4216	6.0823	1.9518
45 600	1.42088	1.88981	4.34719	295.069	1.4216	6.1408	1.9518
45 800	1.40735	1.87181	4.32644	295.069	1.4216	6.1999	1.9518
46 000	1.39395 –1	1.85398 –1	4.30579 –1	295.069	1.4216 –5	6.2595 –5	1.9518 –2
46 200	1.38067	1.83632	4.28523	295.069	1.4216	6.3197	1.9518
46 400	1.36752	1.81883	4.26477	295.069	1.4216	6.3805	1.9518
46 600	1.35449	1.80151	4.24442	295.069	1.4216	6.4418	1.9518
46 800	1.34159	1.78435	4.22416	295.069	1.4216	6.5038	1.9518
47 000	1.32882	1.76736	4.20400	295.069	1.4216	6.5663	1.9518
47 200	1.31616	1.75053	4.18393	295.069	1.4216	6.6294	1.9518
47 400	1.30363	1.73386	4.16396	295.069	1.4216	6.6932	1.9518
47 600	1.29121	1.71734	4.14408	295.069	1.4216	6.7575	1.9518
47 800	1.27891	1.70099	4.12431	295.069	1.4216	6.8225	1.9518
48 000	1.26674 –1	1.68479 –1	4.10462 –1	295.069	1.4216 –5	6.8881 –5	1.9518 –2
48 200	1.25467	1.66875	4.08503	295.069	1.4216	6.9543	1.9518
48 400	1.24272	1.65286	4.06554	295.069	1.4216	7.0212	1.9518
48 600	1.23089	1.63712	4.04613	295.069	1.4216	7.0887	1.9518
48 800	1.21917	1.62153	4.02682	295.069	1.4216	7.1568	1.9518
49 000	1.20756	1.60609	4.00761	295.069	1.4216	7.2256	1.9518
49 200	1.19606	1.59079	3.98847	295.069	1.4216	7.2951	1.9518
49 400	1.18467	1.57565	3.96945	295.069	1.4216	7.3652	1.9518
49 600	1.17339	1.56064	3.95049	295.069	1.4216	7.4360	1.9518
49 800	1.16222	1.54578	3.93164	295.069	1.4216	7.5075	1.9518
50 000	1.15116 –1	1.53107 –1	3.91289 –1	295.069	1.4216 –5	7.5797 –5	1.9518 –2
50 200	1.14020	1.51649	3.89421	295.069	1.4216	7.6525	1.9518
50 400	1.12934	1.50205	3.87563	295.069	1.4216	7.7261	1.9518
50 600	1.11859	1.48775	3.85714	295.069	1.4216	7.8004	1.9518
50 800	1.10794	1.47359	3.83874	295.069	1.4216	7.8754	1.9518
51 000	1.09739	1.45956	3.82042	295.069	1.4216	7.9510	1.9518
51 200	1.08694	1.44566	3.80218	295.069	1.4216	8.0275	1.9518
51 400	1.07660	1.43190	3.78405	295.069	1.4216	8.1046	1.9518
51 600	1.06635	1.41827	3.76599	295.069	1.4216	8.1825	1.9518
51 800	1.05619	1.40477	3.74803	295.069	1.4216	8.2612	1.9518
52 000	1.04614 –1	1.39139 –1	3.73013 –1	295.069	1.4216 –5	8.3406 –5	1.9518 –2
52 200	1.03618	1.37815	3.71234	295.069	1.4216	8.4207	1.9518
52 400	1.02632	1.36503	3.69463	295.069	1.4216	8.5016	1.9518
52 600	1.01655	1.35204	3.67701	295.069	1.4216	8.5834	1.9518
52 800	1.00687	1.33917	3.65947	295.069	1.4216	8.6658	1.9518
53 000	9.97289 –2	1.32642	3.64200	295.069	1.4216	8.7491	1.9518
53 200	9.87796	1.31379	3.62462	295.069	1.4216	8.8332	1.9518
53 400	9.78394	1.30129	3.60734	295.069	1.4216	8.9181	1.9518
53 600	9.69082	1.28890	3.59013	295.069	1.4216	9.0038	1.9518
53 800	9.59859	1.27664	3.57301	295.069	1.4216	9.0903	1.9518
54 000	9.50723 –2	1.26449 –1	3.55597 –1	295.069	1.4216 –5	9.1776 –5	1.9518 –2
54 200	9.41675	1.25245	3.53900	295.069	1.4216	9.2658	1.9518
54 400	9.32712	1.24053	3.52212	295.069	1.4216	9.3549	1.9518
54 600	9.23836	1.22873	3.50532	295.069	1.4216	9.4448	1.9518
54 800	9.15044	1.21703	3.48860	295.069	1.4216	9.5355	1.9518
55 000	9.06335	1.20545	3.47196	295.069	1.4216	9.6271	1.9518
55 200	8.97710	1.19398	3.45540	295.069	1.4216	9.7196	1.9518
55 400	8.89167	1.18262	3.43892	295.069	1.4216	9.8130	1.9518
55 600	8.80706	1.17136	3.42251	295.069	1.4216	9.9073	1.9518
55 800	8.72325	1.16021	3.40619	295.069	1.4216	1.0002 –4	1.9518

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
44 000	1.52714 –1	2.03114 –1	4.50682 –1	295.069	1.4216 –5	5.7135 –5	1.9518 –2
44 200	1.51253	2.01171	4.48521	295.069	1.4216	5.7687	1.9518
44 400	1.49806	1.99246	4.46370	295.069	1.4216	5.8244	1.9518
44 600	1.48373	1.97340	4.44230	295.069	1.4216	5.8807	1.9518
44 800	1.46954	1.95452	4.42100	295.069	1.4216	5.9375	1.9518
45 000	1.45548	1.93583	4.39981	295.069	1.4216	5.9949	1.9518
45 200	1.44156	1.91731	4.37871	295.069	1.4216	6.0528	1.9518
45 400	1.42777	1.89896	4.35771	295.069	1.4216	6.1112	1.9518
45 600	1.41411	1.88080	4.33682	295.069	1.4216	6.1703	1.9518
45 800	1.40058	1.86280	4.31602	295.069	1.4216	6.2299	1.9518
46 000	1.38718 –1	1.84498 –1	4.29532 –1	295.069	1.4216 –5	6.2900 –5	1.9518 –2
46 200	1.37391	1.82733	4.27473	295.069	1.4216	6.3508	1.9518
46 400	1.36076	1.80985	4.25423	295.069	1.4216	6.4121	1.9518
46 600	1.34775	1.79254	4.23384	295.069	1.4216	6.4741	1.9518
46 800	1.33485	1.77539	4.21354	295.069	1.4216	6.5366	1.9518
47 000	1.32208	1.75840	4.19333	295.069	1.4216	6.5997	1.9518
47 200	1.30944	1.74158	4.17322	295.069	1.4216	6.6635	1.9518
47 400	1.29691	1.72492	4.15322	295.069	1.4216	6.7278	1.9518
47 600	1.28450	1.70842	4.13330	295.069	1.4216	6.7928	1.9518
47 800	1.27221	1.69208	4.11349	295.069	1.4216	6.8584	1.9518
48 000	1.26004 –1	1.67589 –1	4.09376 –1	295.069	1.4216 –5	6.9247 –5	1.9518 –2
48 200	1.24799	1.65986	4.07414	295.069	1.4216	6.9916	1.9518
48 400	1.23605	1.64398	4.05460	295.069	1.4216	7.0591	1.9518
48 600	1.22422	1.62825	4.03516	295.069	1.4216	7.1273	1.9518
48 800	1.21251	1.61267	4.01581	295.069	1.4216	7.1961	1.9518
49 000	1.20091	1.59724	3.99655	295.069	1.4216	7.2656	1.9518
49 200	1.18942	1.58196	3.97739	295.069	1.4216	7.3358	1.9518
49 400	1.17805	1.56683	3.95832	295.069	1.4216	7.4067	1.9518
49 600	1.16678	1.55184	3.93934	295.069	1.4216	7.4782	1.9518
49 800	1.15561	1.53700	3.92046	295.069	1.4216	7.5505	1.9518
50 000	1.14456 –1	1.52229 –1	3.90165 –1	295.069	1.4216 –5	7.6234 –5	1.9518 –2
50 200	1.13361	1.50773	3.88295	295.069	1.4216	7.6970	1.9518
50 400	1.12276	1.49330	3.86432	295.069	1.4216	7.7714	1.9518
50 600	1.11202	1.47902	3.84580	295.069	1.4216	7.8464	1.9518
50 800	1.10138	1.46487	3.82736	295.069	1.4216	7.9222	1.9518
51 000	1.09085	1.45086	3.80902	295.069	1.4216	7.9987	1.9518
51 200	1.08041	1.43698	3.79075	295.069	1.4216	8.0760	1.9518
51 400	1.07008	1.42323	3.77257	295.069	1.4216	8.1540	1.9518
51 600	1.05984	1.40961	3.75448	295.069	1.4216	8.2328	1.9518
51 800	1.04970	1.39613	3.73648	295.069	1.4216	8.3123	1.9518
52 000	1.03966 –1	1.38277 –1	3.71856 –1	295.069	1.4216 –5	8.3926 –5	1.9518 –2
52 200	1.02971	1.36954	3.70073	295.069	1.4216	8.4736	1.9518
52 400	1.01986	1.35644	3.68299	295.069	1.4216	8.5555	1.9518
52 600	1.01010	1.34346	3.66532	295.069	1.4216	8.6381	1.9518
52 800	1.00044	1.33061	3.64775	295.069	1.4216	8.7216	1.9518
53 000	9.90870 –2	1.31788	3.63026	295.069	1.4216	8.8058	1.9518
53 200	9.81391	1.30527	3.61285	295.069	1.4216	8.8909	1.9518
53 400	9.72002	1.29279	3.59554	295.069	1.4216	8.9767	1.9518
53 600	9.62703	1.28042	3.57830	295.069	1.4216	9.0634	1.9518
53 800	9.53494	1.26817	3.56114	295.069	1.4216	9.1510	1.9518
54 000	9.44372 –2	1.25604 –1	3.54407 –1	295.069	1.4216 –5	9.2394 –5	1.9518 –2
54 200	9.35337	1.24402	3.52707	295.069	1.4216	9.3286	1.9518
54 400	9.26389	1.23212	3.51016	295.069	1.4216	9.4187	1.9518
54 600	9.17527	1.22033	3.49332	295.069	1.4216	9.5097	1.9518
54 800	9.08749	1.20866	3.47658	295.069	1.4216	9.6015	1.9518
55 000	9.00056	1.19710	3.45991	295.069	1.4216	9.6943	1.9518
55 200	8.91445	1.18564	3.44331	295.069	1.4216	9.7879	1.9518
55 400	8.82917	1.17430	3.42681	295.069	1.4216	9.8825	1.9518
55 600	8.74470	1.16307	3.41038	295.069	1.4216	9.9779	1.9518
55 800	8.66105	1.15194	3.39402	295.069	1.4216	1.0074	1.9518

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
56 000	8.64024 –2	1.14917 –1	3.38994 –1	295.069	1.4216 –5	1.0099 –4	1.9518 –2
56 200	8.55803	1.13824	3.37378	295.069	1.4216	1.0196	1.9518
56 400	8.47659	1.12741	3.35769	295.069	1.4216	1.0294	1.9518
56 600	8.39594	1.11668	3.34168	295.069	1.4216	1.0392	1.9518
56 800	8.31605	1.10606	3.32575	295.069	1.4216	1.0492	1.9518
57 000	8.23692	1.09553	3.30988	295.069	1.4216	1.0593	1.9518
57 200	8.15855	1.08511	3.29410	295.069	1.4216	1.0695	1.9518
57 400	8.08092	1.07478	3.27838	295.069	1.4216	1.0798	1.9518
57 600	8.00404	1.06456	3.26276	295.069	1.4216	1.0901	1.9518
57 800	7.92789	1.05443	3.24720	295.069	1.4216	1.1006	1.9518
58 000	7.85246 –2	1.04440 –1	3.23172 –1	295.069	1.4216 –5	1.1112 –4	1.9518 –2
58 200	7.77775	1.03446	3.21630	295.069	1.4216	1.1218	1.9518
58 400	7.70376	1.02462	3.20097	295.069	1.4216	1.1326	1.9518
58 600	7.63047	1.01487	3.18570	295.069	1.4216	1.1435	1.9518
58 800	7.55788	1.00522	3.17052	295.069	1.4216	1.1545	1.9518
59 000	7.48598	9.95655 –2	3.15540	295.069	1.4216	1.1656	1.9518
59 200	7.41477	9.86183	3.14036	295.069	1.4216	1.1768	1.9518
59 400	7.34423	9.76802	3.12538	295.069	1.4216	1.1881	1.9518
59 600	7.27437	9.67510	3.11048	295.069	1.4216	1.1995	1.9518
59 800	7.20517	9.58306	3.09565	295.069	1.4216	1.2110	1.9518
60 000	7.13664 –2	9.49191 –2	3.08089 –1	295.069	1.4216 –5	1.2226 –4	1.9518 –2
60 200	7.06875	9.40162	3.06621	295.069	1.4216	1.2344	1.9518
60 400	7.00152	9.31220	3.05159	295.069	1.4216	1.2462	1.9518
60 600	6.93492	9.22362	3.03704	295.069	1.4216	1.2582	1.9518
60 800	6.86896	9.13589	3.02256	295.069	1.4216	1.2703	1.9518
61 000	6.80363	9.04900	3.00816	295.069	1.4216	1.2825	1.9518
61 200	6.73892	8.96293	2.99382	295.069	1.4216	1.2948	1.9518
61 400	6.67482	8.87769	2.97955	295.069	1.4216	1.3072	1.9518
61 600	6.61134	8.79325	2.96534	295.069	1.4216	1.3198	1.9518
61 800	6.54846	8.70962	2.95121	295.069	1.4216	1.3324	1.9518
62 000	6.48619 –2	8.62679 –2	2.93714 –1	295.069	1.4216 –5	1.3452 –4	1.9518 –2
62 200	6.42450	8.54475	2.92314	295.069	1.4216	1.3581	1.9518
62 400	6.36340	8.46349	2.90921	295.069	1.4216	1.3712	1.9518
62 600	6.30289	8.38300	2.89534	295.069	1.4216	1.3843	1.9518
62 800	6.24295	8.30328	2.88154	295.069	1.4216	1.3976	1.9518
63 000	6.18358	8.22432	2.86781	295.069	1.4216	1.4111	1.9518
63 200	6.12478	8.14612	2.85414	295.069	1.4216	1.4246	1.9518
63 400	6.06654	8.06865	2.84054	295.069	1.4216	1.4383	1.9518
63 600	6.00885	7.99193	2.82700	295.069	1.4216	1.4521	1.9518
63 800	5.95172	7.91594	2.81353	295.069	1.4216	1.4660	1.9518
64 000	5.89513 –2	7.84067 –2	2.80012 –1	295.069	1.4216 –5	1.4801 –4	1.9518 –2
64 200	5.83907	7.76611	2.78677	295.069	1.4216	1.4943	1.9518
64 400	5.78355	7.69227	2.77349	295.069	1.4216	1.5087	1.9518
64 600	5.72856	7.61913	2.76028	295.069	1.4216	1.5231	1.9518
64 800	5.67410	7.54669	2.74712	295.069	1.4216	1.5378	1.9518
65 000	5.62015	7.47494	2.73403	295.069	1.4216	1.5525	1.9518
65 200	5.56672	7.40387	2.72101	295.069	1.4216	1.5674	1.9518
65 400	5.51379	7.33348	2.70804	295.069	1.4216	1.5825	1.9518
65 600	5.46137	7.26376	2.69514	295.069	1.4216	1.5977	1.9518
65 800	5.40945	7.19471	2.68230	295.069	1.4216	1.6130	1.9518
66 000	5.35803 –2	7.12456 –2	2.66919 –1	295.106	1.4219 –5	1.6292 –4	1.9522 –2
66 200	5.30711	7.05489	2.65610	295.147	1.4222	1.6457	1.9527
66 400	5.25669	6.98591	2.64309	295.188	1.4226	1.6623	1.9532
66 600	5.20677	6.91763	2.63014	295.230	1.4229	1.6791	1.9537
66 800	5.15734	6.85004	2.61726	295.271	1.4232	1.6961	1.9543
67 000	5.10838	6.78313	2.60444	295.312	1.4236	1.7132	1.9548
67 200	5.05991	6.71689	2.59170	295.353	1.4239	1.7305	1.9553
67 400	5.01191	6.65132	2.57902	295.394	1.4242	1.7480	1.9558
67 600	4.96438	6.58640	2.56640	295.436	1.4246	1.7656	1.9563
67 800	4.91732	6.52214	2.55385	295.477	1.4249	1.7834	1.9568

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
56 000	8.57819 –2	1.14092 –1	3.37775 –1	295.069	1.4216 –5	1.0172 –4	1.9518 –2
56 200	8.49612	1.13001	3.36156	295.069	1.4216	1.0270	1.9518
56 400	8.41485	1.11920	3.34544	295.069	1.4216	1.0369	1.9518
56 600	8.33434	1.10849	3.32940	295.069	1.4216	1.0469	1.9518
56 800	8.25461	1.09788	3.31343	295.069	1.4216	1.0570	1.9518
57 000	8.17564	1.08738	3.29754	295.069	1.4216	1.0672	1.9518
57 200	8.09743	1.07698	3.28174	295.069	1.4216	1.0776	1.9518
57 400	8.01996	1.06668	3.26601	295.069	1.4216	1.0880	1.9518
57 600	7.94324	1.05647	3.25034	295.069	1.4216	1.0985	1.9518
57 800	7.86725	1.04636	3.23475	295.069	1.4216	1.1091	1.9518
58 000	7.79199 –2	1.03635 –1	3.21924 –1	295.069	1.4216 –5	1.1198 –4	1.9518 –2
58 200	7.71744	1.02644	3.20381	295.069	1.4216	1.1306	1.9518
58 400	7.64361	1.01662	3.18845	295.069	1.4216	1.1415	1.9518
58 600	7.57049	1.00689	3.17315	295.069	1.4216	1.1526	1.9518
58 800	7.49807	9.97262 –2	3.15795	295.069	1.4216	1.1637	1.9518
59 000	7.42633	9.87721	3.14280	295.069	1.4216	1.1749	1.9518
59 200	7.35529	9.78272	3.12773	295.069	1.4216	1.1863	1.9518
59 400	7.28492	9.68913	3.11274	295.069	1.4216	1.1977	1.9518
59 600	7.21523	9.59644	3.09781	295.069	1.4216	1.2093	1.9518
59 800	7.14621	9.50464	3.08296	295.069	1.4216	1.2210	1.9518
60 000	7.07784 –2	9.41371 –2	3.06818 –1	295.069	1.4216 –5	1.2328 –4	1.9518 –2
60 200	7.01013	9.32365	3.05347	295.069	1.4216	1.2447	1.9518
60 400	6.94307	9.23446	3.03883	295.069	1.4216	1.2567	1.9518
60 600	6.87665	9.14611	3.02425	295.069	1.4216	1.2688	1.9518
60 800	6.81086	9.05862	3.00975	295.069	1.4216	1.2811	1.9518
61 000	6.74570	8.97195	2.99532	295.069	1.4216	1.2935	1.9518
61 200	6.68117	8.88612	2.98096	295.069	1.4216	1.3060	1.9518
61 400	6.61725	8.80111	2.96667	295.069	1.4216	1.3186	1.9518
61 600	6.55395	8.71692	2.95244	295.069	1.4216	1.3313	1.9518
61 800	6.49125	8.63352	2.93829	295.069	1.4216	1.3442	1.9518
62 000	6.42915 –2	8.55093 –2	2.92420 –1	295.069	1.4216 –5	1.3572 –4	1.9518 –2
62 200	6.36764	8.46913	2.91018	295.069	1.4216	1.3703	1.9518
62 400	6.30673	8.38811	2.89622	295.069	1.4216	1.3835	1.9518
62 600	6.24639	8.30786	2.88234	295.069	1.4216	1.3969	1.9518
62 800	6.18663	8.22838	2.86852	295.069	1.4216	1.4104	1.9518
63 000	6.12745	8.14966	2.85476	295.069	1.4216	1.4240	1.9518
63 200	6.06883	8.07170	2.84107	295.069	1.4216	1.4377	1.9518
63 400	6.01077	7.99448	2.82745	295.069	1.4216	1.4516	1.9518
63 600	5.95327	7.91800	2.81389	295.069	1.4216	1.4656	1.9518
63 800	5.89632	7.84225	2.80040	295.069	1.4216	1.4798	1.9518
64 000	5.83991 –2	7.76723 –2	2.78698 –1	295.069	1.4216 –5	1.4941 –4	1.9518 –2
64 200	5.78404	7.69292	2.77361	295.069	1.4216	1.5085	1.9518
64 400	5.72871	7.61933	2.76031	295.069	1.4216	1.5231	1.9518
64 600	5.67390	7.54643	2.74708	295.069	1.4216	1.5378	1.9518
64 800	5.61962	7.47424	2.73391	295.069	1.4216	1.5527	1.9518
65 000	5.56586	7.40274	2.72080	295.069	1.4216	1.5677	1.9518
65 200	5.51261	7.33192	2.70775	295.069	1.4216	1.5828	1.9518
65 400	5.45988	7.26178	2.69477	295.069	1.4216	1.5981	1.9518
65 600	5.40764	7.19230	2.68185	295.069	1.4216	1.6135	1.9518
65 800	5.35592	7.12167	2.66865	295.108	1.4219	1.6299	1.9522
66 000	5.30470 –2	7.05158 –2	2.65548 –1	295.149	1.4223 –5	1.6465 –4	1.9528 –2
66 200	5.25399	6.98221	2.64239	295.191	1.4226	1.6632	1.9533
66 400	5.20377	6.91353	2.62936	295.232	1.4229	1.6801	1.9538
66 600	5.15405	6.84555	2.61640	295.274	1.4233	1.6972	1.9543
66 800	5.10482	6.77825	2.60351	295.315	1.4236	1.7145	1.9548
67 000	5.05607	6.71164	2.59068	295.356	1.4239	1.7319	1.9553
67 200	5.00780	6.64570	2.57793	295.398	1.4243	1.7495	1.9558
67 400	4.96000	6.58042	2.56523	295.439	1.4246	1.7673	1.9563
67 600	4.91268	6.51581	2.55261	295.481	1.4249	1.7852	1.9569
67 800	4.86582	6.45184	2.54005	295.522	1.4253	1.8033	1.9574

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
68 000	4.87072 –2	6.45853 –2	2.54136 –1	295.518	1.4252 –5	1.8014 –4	1.9573 –2
68 200	4.82457	6.39555	2.52894	295.559	1.4256	1.8196	1.9578
68 400	4.77887	6.33321	2.51659	295.600	1.4259	1.8379	1.9583
68 600	4.73362	6.27149	2.50429	295.641	1.4262	1.8564	1.9589
68 800	4.68881	6.21040	2.49207	295.683	1.4266	1.8751	1.9594
69 000	4.64443	6.14991	2.47990	295.724	1.4269	1.8940	1.9599
69 200	4.60049	6.09003	2.46780	295.765	1.4272	1.9131	1.9604
69 400	4.55698	6.03076	2.45576	295.806	1.4276	1.9324	1.9609
69 600	4.51390	5.97207	2.44378	295.847	1.4279	1.9518	1.9614
69 800	4.47123	5.91398	2.43187	295.888	1.4282	1.9714	1.9619
70 000	4.42898 –2	5.85647 –2	2.42001 –1	295.929	1.4286 –5	1.9912 –4	1.9624 –2
70 200	4.38714	5.79953	2.40822	295.971	1.4289	2.0113	1.9629
70 400	4.34571	5.74317	2.39649	296.012	1.4292	2.0315	1.9634
70 600	4.30468	5.68736	2.38482	296.053	1.4296	2.0519	1.9639
70 800	4.26405	5.63212	2.37321	296.094	1.4299	2.0725	1.9645
71 000	4.22381	5.57743	2.36166	296.135	1.4302	2.0933	1.9650
71 200	4.18397	5.52329	2.35017	296.176	1.4305	2.1143	1.9655
71 400	4.14452	5.46968	2.33873	296.217	1.4309	2.1355	1.9660
71 600	4.10545	5.41662	2.32736	296.258	1.4312	2.1569	1.9665
71 800	4.06675	5.36408	2.31605	296.299	1.4315	2.1786	1.9670
72 000	4.02844 –2	5.31207 –2	2.30479 –1	296.340	1.4319 –5	2.2004 –4	1.9675 –2
72 200	3.99049	5.26058	2.29360	296.381	1.4322	2.2225	1.9680
72 400	3.95292	5.20960	2.28245	296.422	1.4325	2.2447	1.9685
72 600	3.91571	5.15913	2.27137	296.463	1.4329	2.2672	1.9690
72 800	3.87886	5.10917	2.26035	296.504	1.4332	2.2899	1.9696
73 000	3.84237	5.05970	2.24938	296.545	1.4335	2.3128	1.9701
73 200	3.80623	5.01073	2.23847	296.586	1.4339	2.3360	1.9706
73 400	3.77044	4.96225	2.22761	296.627	1.4342	2.3594	1.9711
73 600	3.73500	4.91424	2.21681	296.668	1.4345	2.3829	1.9716
73 800	3.69991	4.86672	2.20606	296.709	1.4349	2.4068	1.9721
74 000	3.66515 –2	4.81967 –2	2.19537 –1	296.750	1.4352 –5	2.4308 –4	1.9726 –2
74 200	3.63073	4.77309	2.18474	296.791	1.4355	2.4551	1.9731
74 400	3.59664	4.72697	2.17416	296.832	1.4358	2.4796	1.9736
74 600	3.56288	4.68131	2.16363	296.873	1.4362	2.5044	1.9741
74 800	3.52945	4.63611	2.15316	296.914	1.4365	2.5294	1.9746
75 000	3.49635	4.59136	2.14275	296.955	1.4368	2.5546	1.9752
75 200	3.46356	4.54705	2.13238	296.996	1.4372	2.5801	1.9757
75 400	3.43109	4.50318	2.12207	297.037	1.4375	2.6059	1.9762
75 600	3.39893	4.45974	2.11181	297.078	1.4378	2.6319	1.9767
75 800	3.36709	4.41674	2.10160	297.119	1.4382	2.6581	1.9772
76 000	3.33555 –2	4.37417 –2	2.09145 –1	297.160	1.4385 –5	2.6846 –4	1.9777 –2
76 200	3.30432	4.33202	2.08135	297.201	1.4388	2.7113	1.9782
76 400	3.27339	4.29028	2.07130	297.242	1.4392	2.7383	1.9787
76 600	3.24275	4.24897	2.06130	297.283	1.4395	2.7656	1.9792
76 800	3.21242	4.20806	2.05136	297.324	1.4398	2.7931	1.9797
77 000	3.18237	4.16755	2.04146	297.365	1.4401	2.8209	1.9802
77 200	3.15262	4.12745	2.03161	297.405	1.4405	2.8490	1.9807
77 400	3.12315	4.08775	2.02182	297.446	1.4408	2.8773	1.9813
77 600	3.09396	4.04844	2.01207	297.487	1.4411	2.9059	1.9818
77 800	3.06506	4.00951	2.00238	297.528	1.4415	2.9348	1.9823
78 000	3.03644 –2	3.97098 –2	1.99273 –1	297.569	1.4418 –5	2.9639 –4	1.9828 –2
78 200	3.00809	3.93282	1.98313	297.610	1.4421	2.9934	1.9833
78 400	2.98001	3.89505	1.97359	297.651	1.4425	3.0231	1.9838
78 600	2.95220	3.85764	1.96409	297.691	1.4428	3.0531	1.9843
78 800	2.92466	3.82061	1.95464	297.732	1.4431	3.0834	1.9848
79 000	2.89739	3.78394	1.94524	297.773	1.4434	3.1140	1.9853
79 200	2.87038	3.74764	1.93588	297.814	1.4438	3.1449	1.9858
79 400	2.84363	3.71169	1.92657	297.855	1.4441	3.1761	1.9863
79 600	2.81713	3.67610	1.91732	297.896	1.4444	3.2076	1.9868
79 800	2.79089	3.64087	1.90811	297.936	1.4448	3.2393	1.9874

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
68 000	4.81942 –2	6.38853 –2	2.52755 –1	295.564	1.4256 –5	1.8216 –4	1.9579 –2
68 200	4.77347	6.32585	2.51512	295.605	1.4259	1.8401	1.9584
68 400	4.72798	6.26380	2.50276	295.647	1.4263	1.8588	1.9589
68 600	4.68293	6.20238	2.49046	295.688	1.4266	1.8776	1.9594
68 800	4.63832	6.14158	2.47822	295.729	1.4269	1.8967	1.9599
69 000	4.59415	6.08139	2.46605	295.771	1.4273	1.9159	1.9605
69 200	4.55041	6.02181	2.45394	295.812	1.4276	1.9353	1.9610
69 400	4.50710	5.96282	2.44189	295.854	1.4279	1.9549	1.9615
69 600	4.46422	5.90444	2.42991	295.895	1.4283	1.9747	1.9620
69 800	4.42175	5.84664	2.41798	295.937	1.4286	1.9947	1.9625
70 000	4.37970 –2	5.78942 –2	2.40612 –1	295.978	1.4289 –5	2.0149 –4	1.9630 –2
70 200	4.33807	5.73277	2.39432	296.019	1.4293	2.0352	1.9635
70 400	4.29684	5.67670	2.38258	296.061	1.4296	2.0558	1.9640
70 600	4.25601	5.62119	2.37090	296.102	1.4299	2.0766	1.9646
70 800	4.21558	5.56624	2.35929	296.143	1.4303	2.0976	1.9651
71 000	4.17555	5.51184	2.34773	296.185	1.4306	2.1188	1.9656
71 200	4.13591	5.45799	2.33623	296.226	1.4310	2.1402	1.9661
71 400	4.09665	5.40468	2.32480	296.267	1.4313	2.1618	1.9666
71 600	4.05778	5.35190	2.31342	296.309	1.4316	2.1836	1.9671
71 800	4.01929	5.29966	2.30210	296.350	1.4320	2.2057	1.9676
72 000	3.98117 –2	5.24793 –2	2.29084 –1	296.391	1.4323 –5	2.2279 –4	1.9682 –2
72 200	3.94343	5.19673	2.27963	296.433	1.4326	2.2504	1.9687
72 400	3.90605	5.14604	2.26849	296.474	1.4330	2.2731	1.9692
72 600	3.86904	5.09586	2.25740	296.515	1.4333	2.2960	1.9697
72 800	3.83239	5.04618	2.24637	296.557	1.4336	2.3192	1.9702
73 000	3.79610	4.99700	2.23540	296.598	1.4340	2.3426	1.9707
73 200	3.76016	4.94832	2.22448	296.639	1.4343	2.3662	1.9712
73 400	3.72457	4.90012	2.21362	296.681	1.4346	2.3900	1.9717
73 600	3.68933	4.85240	2.20282	296.722	1.4350	2.4140	1.9723
73 800	3.65443	4.80516	2.19207	296.763	1.4353	2.4383	1.9728
74 000	3.61987 –2	4.75840 –2	2.18138 –1	296.804	1.4356 –5	2.4629 –4	1.9733 –2
74 200	3.58565	4.71210	2.17074	296.846	1.4360	2.4877	1.9738
74 400	3.55176	4.66626	2.16015	296.887	1.4363	2.5127	1.9743
74 600	3.51819	4.62089	2.14963	296.928	1.4366	2.5379	1.9748
74 800	3.48496	4.57597	2.13915	296.969	1.4370	2.5634	1.9753
75 000	3.45205	4.53149	2.12873	297.011	1.4373	2.5892	1.9758
75 200	3.41946	4.48746	2.11836	297.052	1.4376	2.6152	1.9764
75 400	3.38718	4.44387	2.10805	297.093	1.4380	2.6415	1.9769
75 600	3.35522	4.40072	2.09779	297.134	1.4383	2.6680	1.9774
75 800	3.32357	4.35800	2.08758	297.176	1.4386	2.6948	1.9779
76 000	3.29222 –2	4.31570 –2	2.07743 –1	297.217	1.4390 –5	2.7218 –4	1.9784 –2
76 200	3.26118	4.27382	2.06732	297.258	1.4393	2.7491	1.9789
76 400	3.23045	4.23237	2.05727	297.299	1.4396	2.7767	1.9794
76 600	3.20001	4.19132	2.04727	297.340	1.4400	2.8045	1.9799
76 800	3.16986	4.15069	2.03732	297.382	1.4403	2.8326	1.9805
77 000	3.14001	4.11046	2.02743	297.423	1.4406	2.8610	1.9810
77 200	3.11044	4.07063	2.01758	297.464	1.4409	2.8897	1.9815
77 400	3.08116	4.03120	2.00778	297.505	1.4413	2.9186	1.9820
77 600	3.05217	3.99216	1.99804	297.546	1.4416	2.9478	1.9825
77 800	3.02346	3.95351	1.98834	297.588	1.4419	2.9774	1.9830
78 000	2.99502 –2	3.91525 –2	1.97870 –1	297.629	1.4423 –5	3.0071 –4	1.9835 –2
78 200	2.96686	3.87736	1.96910	297.670	1.4426	3.0372	1.9840
78 400	2.93897	3.83985	1.95955	297.711	1.4429	3.0676	1.9845
78 600	2.91136	3.80272	1.95006	297.752	1.4433	3.0983	1.9851
78 800	2.88401	3.76595	1.94061	297.793	1.4436	3.1292	1.9856
79 000	2.85692	3.72955	1.93120	297.834	1.4439	3.1605	1.9861
79 200	2.83009	3.69351	1.92185	297.876	1.4443	3.1921	1.9866
79 400	2.80353	3.65783	1.91255	297.917	1.4446	3.2240	1.9871
79 600	2.77722	3.62251	1.90329	297.958	1.4449	3.2561	1.9876
79 800	2.75117	3.58753	1.89408	297.999	1.4453	3.2886	1.9881

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
80 000	2.76490 –2	3.60597 –2	1.89894 –1	297.977	1.4451 –5	3.2714 –4	1.9879 –2
80 200	2.73916	3.57143	1.88982	298.018	1.4454	3.3038	1.9884
80 400	2.71367	3.53722	1.88075	298.059	1.4458	3.3365	1.9889
80 600	2.68843	3.50335	1.87172	298.099	1.4461	3.3696	1.9894
80 800	2.66342	3.46982	1.86275	298.140	1.4464	3.4029	1.9899
81 000	2.63866	3.43662	1.85381	298.181	1.4467	3.4366	1.9904
81 200	2.61413	3.40374	1.84492	298.222	1.4471	3.4705	1.9909
81 400	2.58983	3.37119	1.83608	298.263	1.4474	3.5049	1.9914
81 600	2.56577	3.33896	1.82728	298.303	1.4477	3.5395	1.9919
81 800	2.54195	3.30704	1.81853	298.344	1.4481	3.5745	1.9924
82 000	2.51834 –2	3.27544 –2	1.80982 –1	298.385	1.4484 –5	3.6098 –4	1.9929 –2
82 200	2.49497	3.24416	1.80116	298.425	1.4487	3.6454	1.9934
82 400	2.47182	3.21318	1.79253	298.466	1.4490	3.6814	1.9940
82 600	2.44889	3.18250	1.78396	298.507	1.4494	3.7177	1.9945
82 800	2.42618	3.15213	1.77542	298.548	1.4497	3.7544	1.9950
83 000	2.40368	3.12205	1.76693	298.588	1.4500	3.7914	1.9955
83 200	2.38140	3.09227	1.75849	298.629	1.4504	3.8288	1.9960
83 400	2.35934	3.06278	1.75008	298.670	1.4507	3.8665	1.9965
83 600	2.33748	3.03358	1.74172	298.710	1.4510	3.9046	1.9970
83 800	2.31584	3.00467	1.73340	298.751	1.4514	3.9431	1.9975
84 000	2.29440 –2	2.97605 –2	1.72512 –1	298.792	1.4517 –5	3.9819 –4	1.9980 –2
84 200	2.27316	2.94770	1.71689	298.832	1.4520	4.0211	1.9985
84 400	2.25213	2.91963	1.70869	298.873	1.4523	4.0607	1.9990
84 600	2.23130	2.89184	1.70054	298.914	1.4527	4.1007	1.9995
84 800	2.21066	2.86432	1.69243	298.954	1.4530	4.1410	2.0000
85 000	2.19023	2.83707	1.68436	298.995	1.4533	4.1817	2.0005
85 200	2.16999	2.81009	1.67633	299.036	1.4537	4.2228	2.0011
85 400	2.14994	2.78337	1.66834	299.076	1.4540	4.2643	2.0016
85 600	2.13008	2.75691	1.66039	299.117	1.4543	4.3062	2.0021
85 800	2.11041	2.73071	1.65249	299.158	1.4546	4.3485	2.0026
86 000	2.09093 –2	2.70477 –2	1.64462 –1	299.198	1.4550 –5	4.3912 –4	2.0031 –2
86 200	2.07163	2.67908	1.63679	299.239	1.4553	4.4343	2.0036
86 400	2.05252	2.65364	1.62900	299.279	1.4556	4.4779	2.0041
86 600	2.03359	2.62846	1.62125	299.320	1.4560	4.5218	2.0046
86 800	2.01484	2.60352	1.61354	299.360	1.4563	4.5661	2.0051
87 000	1.99627	2.57882	1.60587	299.401	1.4566	4.61o9	2.0056
87 200	1.97787	2.55436	1.59824	299.442	1.4569	4.6561	2.0061
87 400	1.95965	2.53014	1.59064	299.482	1.4573	4.7017	2.0066
87 600	1.94160	2.50616	1.58309	299.523	1.4576	4.7478	2.0071
87 800	1.92373	2.48242	1.57557	299.563	1.4579	4.7943	2.0076
88 000	1.90602 –2	2.45890 –2	1.56809 –1	299.604	1.4582 –5	4.8412 –4	2.0081 –2
88 200	1.88848	2.43562	1.56065	299.644	1.4586	4.8886	2.0087
88 400	1.87111	2.41256	1.55324	299.685	1.4589	4.9364	2.0092
88 600	1.85390	2.38972	1.54587	299.725	1.4592	4.9847	2.0097
88 800	1.83686	2.36711	1.53854	299.766	1.4596	5.0335	2.0102
89 000	1.81997	2.34472	1.53125	299.806	1.4599	5.0827	2.0107
89 200	1.80325	2.32255	1.52399	299.847	1.4602	5.1323	2.0112
89 400	1.78669	2.30059	1.51677	299.887	1.4605	5.1825	2.0117
89 600	1.77028	2.27885	1.50959	299.928	1.4609	5.2331	2.0122
89 800	1.75403	2.25732	1.50244	299.968	1.4612	5.2842	2.0127
90 000	1.73793 –2	2.23600 –2	1.49533 –1	300.009	1.4615 –5	5.3358 –4	2.0132 –2
90 200	1.72198	2.21489	1.48825	300.049	1.4619	5.3878	2.0137
90 400	1.70619	2.19398	1.48121	300.090	1.4622	5.4404	2.0142
90 600	1.69054	2.17327	1.47420	300.130	1.4625	5.4935	2.0147
90 800	1.67504	2.15277	1.46723	300.171	1.4628	5.5470	2.0152
91 000	1.65969	2.13246	1.46029	300.211	1.4632	5.6011	2.0157
91 200	1.64448	2.11236	1.45340	300.252	1.4635	5.6557	2.0162
91 400	1.62942	2.09245	1.44653	300.292	1.4638	5.7108	2.0167
91 600	1.61450	2.07273	1.43970	300.333	1.4641	5.7664	2.0173
91 800	1.59972	2.05320	1.43290	300.373	1.4645	5.8225	2.0178

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
80 000	2.72536 –2	3.55291 –2	1.88492 –1	298.040	1.4456 –5	3.3215 –4	1.9886 –2
80 200	2.69981	3.51862	1.87580	298.081	1.4459	3.3546	1.9892
80 400	2.67450	3.48468	1.86673	298.122	1.4463	3.3881	1.9897
80 600	2.64944	3.45107	1.85771	298.163	1.4466	3.4218	1.9902
80 800	2.62461	3.41780	1.84873	298.204	1.4469	3.4559	1.9907
81 000	2.60003	3.38485	1.83980	298.245	1.4473	3.4904	1.9912
81 200	2.57569	3.35223	1.83091	298.286	1.4476	3.5251	1.9917
81 400	2.55157	3.31994	1.82207	298.328	1.4479	3.5603	1.9922
81 600	2.52770	3.28796	1.81327	298.369	1.4483	3.5957	1.9927
81 800	2.50405	3.25631	1.80452	298.410	1.4486	3.6315	1.9932
82 000	2.48062 –2	3.22496 –2	1.79582 –1	298.451	1.4489 –5	3.6676 –4	1.9938 –2
82 200	2.45743	3.19393	1.78716	298.492	1.4493	3.7041	1.9943
82 400	2.43446	3.16320	1.77854	298.533	1.4496	3.7409	1.9948
82 600	2.41170	3.13278	1.76997	298.574	1.4499	3.7781	1.9953
82 800	2.38917	3.10265	1.76143	298.615	1.4502	3.8157	1.9958
83 000	2.36686	3.07283	1.75295	298.656	1.4506	3.8536	1.9963
83 200	2.34475	3.04330	1.74451	298.697	1.4509	3.8919	1.9968
83 400	2.32286	3.01406	1.73610	298.738	1.4512	3.9305	1.9973
83 600	2.30118	2.98511	1.72775	298.779	1.4516	3.9696	1.9979
83 800	2.27971	2.95645	1.71943	298.820	1.4519	4.0090	1.9984
84 000	2.25845 –2	2.92807 –2	1.71116 –1	298.861	1.4522 –5	4.0487 –4	1.9989 –2
84 200	2.23739	2.89997	1.70293	298.902	1.4526	4.0889	1.9994
84 400	2.21653	2.87214	1.69474	298.943	1.4529	4.1295	1.9999
84 600	2.19587	2.84459	1.68659	298.984	1.4532	4.1704	2.0004
84 800	2.17541	2.81732	1.67849	299.025	1.4536	4.2117	2.0009
85 000	2.15515	2.79031	1.67042	299.066	1.4539	4.2535	2.0014
85 200	2.13508	2.76357	1.66240	299.107	1.4542	4.2956	2.0019
85 400	2.11520	2.73709	1.65442	299.148	1.4546	4.3382	2.0024
85 600	2.09551	2.71087	1.64647	299.189	1.4549	4.3811	2.0030
85 800	2.07601	2.68491	1.63857	299.229	1.4552	4.4245	2.0035
86 000	2.05670 –2	2.65921 –2	1.63071 –1	299.270	1.4555 –5	4.4683 –4	2.0040 –2
86 200	2.03757	2.63376	1.62289	299.311	1.4559	4.5125	2.0045
86 400	2.01863	2.60856	1.61510	299.352	1.4562	4.5571	2.0050
86 600	1.99987	2.58360	1.60736	299.393	1.4565	4.6022	2.0055
86 800	1.98128	2.55890	1.59966	299.434	1.4569	4.6476	2.0060
87 000	1.96288	2.53443	1.59199	299.475	1.4572	4.6936	2.0065
87 200	1.94465	2.51021	1.58436	299.516	1.4575	4.7399	2.0070
87 400	1.92659	2.48622	1.57678	299.557	1.4579	4.7868	2.0076
87 600	1.90871	2.46247	1.56923	299.598	1.4582	4.8340	2.0081
87 800	1.89100	2.43896	1.56172	299.639	1.4585	4.8817	2.0086
88 000	1.87345 –2	2.41567 –2	1.55424 –1	299.679	1.4589 –5	4.9299 –4	2.0091 –2
88 200	1.85608	2.39261	1.54681	299.720	1.4592	4.9785	2.0096
88 400	1.83887	2.36978	1.53941	299.761	1.4595	5.0277	2.0101
88 600	1.82182	2.34718	1.53205	299.802	1.4598	5.0772	2.0106
88 800	1.80494	2.32479	1.52473	299.843	1.4602	5.1273	2.0111
89 000	1.78822	2.30262	1.51744	299.884	1.4605	5.1778	2.0116
89 200	1.77165	2.28068	1.51019	299.925	1.4608	5.2288	2.0122
89 400	1.75525	2.25894	1.50298	299.965	1.4612	5.2803	2.0127
89 600	1.73900	2.23742	1.49580	300.006	1.4615	5.3323	2.0132
89 800	1.72291	2.21611	1.48866	300.047	1.4618	5.3848	2.0137
90 000	1.70697 –2	2.19501 –2	1.48156 –1	300.088	1.4622 –5	5.4378 –4	2.0142 –2
90 200	1.69118	2.17412	1.47449	300.129	1.4625	5.4913	2.0147
90 400	1.67554	2.15343	1.46746	300.170	1.4628	5.5453	2.0152
90 600	1.66005	2.13294	1.46046	300.210	1.4632	5.5998	2.0157
90 800	1.64471	2.11265	1.45350	300.251	1.4635	5.6549	2.0162
91 000	1.62951	2.09256	1.44657	300.292	1.4638	5.7104	2.0167
91 200	1.61446	2.07267	1.43968	300.333	1.4641	5.7666	2.0173
91 400	1.59955	2.05297	1.43282	300.373	1.4645	5.8232	2.0178
91 600	1.58478	2.03347	1.42600	300.414	1.4648	5.8804	2.0183
91 800	1.57016	2.01415	1.41921	300.455	1.4651	5.9381	2.0188

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
92 000	1.58508 –2	2.03386 –2	1.42613 –1	300.413	1.4648 –5	5.8792 –4	2.0183 –2
92 200	1.57058	2.01471	1.41940	300.454	1.4651	5.9364	2.0188
92 400	1.55621	1.99575	1.41271	300.494	1.4654	5.9942	2.0193
92 600	1.54199	1.97697	1.40605	300.535	1.4658	6.0525	2.0198
92 800	1.52789	1.95837	1.39942	300.575	1.4661	6.1113	2.0203
93 000	1.51393	1.93995	1.39282	300.615	1.4664	6.1707	2.0208
93 200	1.50010	1.92171	1.38626	300.656	1.4668	6.2306	2.0213
93 400	1.48639	1.90365	1.37973	300.696	1.4671	6.2912	2.0218
93 600	1.47282	1.88576	1.37323	300.737	1.4674	6.3523	2.0223
93 800	1.45938	1.86805	1.36677	300.777	1.4677	6.4139	2.0228
94 000	1.44606 –2	1.85050 –2	1.36033 –1	300.817	1.4681 –5	6.4762 –4	2.0233 –2
94 200	1.43287	1.83313	1.35393	300.858	1.4684	6.5390	2.0238
94 400	1.41980	1.81592	1.34756	300.898	1.4687	6.6024	2.0243
94 600	1.40686	1.79888	1.34122	300.938	1.4690	6.6665	2.0248
94 800	1.39403	1.78201	1.33492	300.979	1.4694	6.7311	2.0253
95 000	1.38133	1.76530	1.32865	301.019	1.4697	6.7963	2.0258
95 200	1.36875	1.74875	1.32240	301.059	1.4700	6.8621	2.0263
95 400	1.35628	1.73236	1.31619	301.100	1.4703	6.9286	2.0269
95 600	1.34393	1.71613	1.31001	301.140	1.4707	6.9957	2.0274
95 800	1.33170	1.70005	1.30386	301.180	1.4710	7.0634	2.0279
96 000	1.31958 –2	1.68413 –2	1.29774 –1	301.221	1.4713 –5	7.1318 –4	2.0284 –2
96 200	1.30758	1.66836	1.29165	301.261	1.4717	7.2008	2.0289
96 400	1.29569	1.65275	1.28559	301.301	1.4720	7.2704	2.0294
96 600	1.28391	1.63729	1.27957	301.341	1.4723	7.3407	2.0299
96 800	1.27224	1.62197	1.27357	301.382	1.4726	7.4116	2.0304
97 000	1.26068	1.60680	1.26760	301.422	1.4730	7.4833	2.0309
97 200	1.24922	1.59178	1.26166	301.462	1.4733	7.5555	2.0314
97 400	1.23788	1.57691	1.25575	301.502	1.4736	7.6285	2.0319
97 600	1.22664	1.56217	1.24987	301.543	1.4739	7.7022	2.0324
97 800	1.21551	1.54758	1.24402	301.583	1.4743	7.7765	2.0329
98 000	1.20448 –2	1.53313 –2	1.23820 –1	301.623	1.4746 –5	7.8515 –4	2.0334 –2
98 200	1.19355	1.51882	1.23240	301.663	1.4749	7.9273	2.0339
98 400	1.18273	1.50464	1.22664	301.704	1.4752	8.0037	2.0344
98 600	1.17201	1.49060	1.22090	301.744	1.4756	8.0809	2.0349
98 800	1.16139	1.47670	1.21520	301.784	1.4759	8.1588	2.0354
99 000	1.15086	1.46293	1.20952	301.824	1.4762	8.2374	2.0359
99 200	1.14044	1.44929	1.20386	301.864	1.4765	8.3167	2.0364
99 400	1.13011	1.43579	1.19824	301.905	1.4769	8.3968	2.0369
99 600	1.11988	1.42241	1.19265	301.945	1.4772	8.4776	2.0374
99 800	1.10974	1.40916	1.18708	301.985	1.4775	8.5592	2.0380
100 000	1.09970 –2	1.39604 –2	1.18154 –1	302.025	1.4778 –5	8.6416 –4	2.0385 –2
100 200	1.08976	1.38305	1.17603	302.065	1.4782	8.7247	2.0390
100 400	1.07990	1.37017	1.17054	302.105	1.4785	8.8086	2.0395
100 600	1.07014	1.35743	1.16509	302.146	1.4788	8.8933	2.0400
100 800	1.06047	1.34480	1.15966	302.186	1.4791	8.9787	2.0405
101 000	1.05089	1.33230	1.15425	302.226	1.4795	9.0650	2.0410
101 200	1.04140	1.31991	1.14887	302.266	1.4798	9.1520	2.0415
101 400	1.03199	1.30765	1.14353	302.306	1.4801	9.2399	2.0420
101 600	1.02268	1.29550	1.13820	302.346	1.4804	9.3286	2.0425
101 800	1.01345	1.28347	1.13290	302.386	1.4808	9.4181	2.0430
102 000	1.00430 –2	1.27155 –2	1.12763 –1	302.427	1.4811 –5	9.5085 –4	2.0435 –2
102 200	9.95245 –3	1.25975	1.12239	302.467	1.4814	9.5997	2.0440
102 400	9.86270	1.24806	1.11717	302.507	1.4817	9.6917	2.0445
102 600	9.77380	1.23648	1.11197	302.547	1.4821	9.7846	2.0450
102 800	9.68571	1.22501	1.10680	302.587	1.4824	9.8784	2.0455
103 000	9.59845	1.21365	1.10166	302.627	1.4827	9.9730	2.0460
103 200	9.51200	1.20240	1.09654	302.667	1.4830	1.0069 –3	2.0465
103 400	9.42635	1.19126	1.09145	302.707	1.4834	1.0165	2.0470
103 600	9.34150	1.18022	1.08638	302.747	1.4837	1.0262	2.0475
103 800	9.25743	1.16929	1.08134	302.787	1.4840	1.0360	2.0480

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
92 000	1.55567 –2	1.99503 –2	1.41246 –1	300.496	1.4655 –5	5.9964 –4	2.0193 –2
92 200	1.54132	1.97609	1.40573	300.537	1.4658	6.0552	2.0198
92 400	1.52710	1.95733	1.39905	300.577	1.4661	6.1146	2.0203
92 600	1.51302	1.93876	1.39239	300.618	1.4665	6.1746	2.0208
92 800	1.49908	1.92037	1.38577	300.659	1.4668	6.2351	2.0213
93 000	1.48527	1.90216	1.37919	300.700	1.4671	6.2962	2.0218
93 200	1.47158	1.88413	1.37264	300.740	1.4674	6.3579	2.0224
93 400	1.45803	1.86627	1.36611	300.781	1.4678	6.4202	2.0229
93 600	1.44461	1.84859	1.35963	300.822	1.4681	6.4830	2.0234
93 800	1.43131	1.83107	1.35317	300.862	1.4684	6.5465	2.0239
94 000	1.41814 –2	1.81373 –2	1.34675 –1	300.903	1.4688 –5	6.6106 –4	2.0244 –2
94 200	1.40509	1.79656	1.34036	300.944	1.4691	6.6753	2.0249
94 400	1.39217	1.77956	1.33400	300.985	1.4694	6.7406	2.0254
94 600	1.37937	1.76272	1.32767	301.025	1.4697	6.8065	2.0259
94 800	1.36669	1.74604	1.32138	301.066	1.4701	6.8730	2.0264
95 000	1.35413	1.72953	1.31512	301.107	1.4704	6.9402	2.0269
95 200	1.34169	1.71318	1.30889	301.147	1.4707	7.0080	2.0275
95 400	1.32936	1.69698	1.30268	301.188	1.4711	7.0765	2.0280
95 600	1.31716	1.68095	1.29651	301.229	1.4714	7.1456	2.0285
95 800	1.30507	1.66507	1.29038	301.269	1.4717	7.2154	2.0290
96 000	1.29309 –2	1.64934 –2	1.28427 –1	301.310	1.4720 –5	7.2858 –4	2.0295 –2
96 200	1.28122	1.63377	1.27819	301.351	1.4724	7.3569	2.0300
96 400	1.26947	1.61834	1.27214	301.391	1.4727	7.4286	2.0305
96 600	1.25783	1.60307	1.26612	301.432	1.4730	7.5011	2.0310
96 800	1.24630	1.58795	1.26014	301.473	1.4734	7.5742	2.0315
97 000	1.23488	1.57297	1.25418	301.513	1.4737	7.6481	2.0320
97 200	1.22356	1.55814	1.24825	301.554	1.4740	7.7226	2.0325
97 400	1.21235	1.54345	1.24236	301.594	1.4744	7.7978	2.0331
97 600	1.20125	1.52890	1.23649	301.635	1.4747	7.8738	2.0336
97 800	1.19025	1.51449	1.23065	301.676	1.4750	7.9504	2.0341
98 000	1.17936 –2	1.50023 –2	1.22484 –1	301.716	1.4753 –5	8.0278 –4	2.0346 –2
98 200	1.16857	1.48610	1.21906	301.757	1.4757	8.1059	2.0351
98 400	1.15788	1.47211	1.21331	301.797	1.4760	8.1848	2.0356
98 600	1.14729	1.45825	1.20758	301.838	1.4763	8.2644	2.0361
98 800	1.13680	1.44453	1.20189	301.879	1.4767	8.3448	2.0366
99 000	1.12641	1.43094	1.19622	301.919	1.4770	8.4259	2.0371
99 200	1.11611	1.41749	1.19058	301.960	1.4773	8.5078	2.0376
99 400	1.10592	1.40416	1.18497	302.000	1.4776	8.5904	2.0381
99 600	1.09582	1.39096	1.17939	302.041	1.4780	8.6739	2.0387
99 800	1.08581	1.37789	1.17384	302.081	1.4783	8.7581	2.0392
100 000	1.07590 –2	1.36495 –2	1.16831 –1	302.122	1.4786 –5	8.8431 –4	2.0397 –2
100 200	1.06608	1.35213	1.16281	302.162	1.4789	8.9289	2.0402
100 400	1.05635	1.33943	1.15734	302.203	1.4793	9.0156	2.0407
100 600	1.04672	1.32686	1.15189	302.244	1.4796	9.1030	2.0412
100 800	1.03717	1.31441	1.14648	302.284	1.4799	9.1913	2.0417
101 000	1.02772	1.30207	1.14108	302.325	1.4803	9.2804	2.0422
101 200	1.01835	1.28986	1.13572	302.365	1.4806	9.3703	2.0427
101 400	1.00907	1.27777	1.13038	302.406	1.4809	9.4611	2.0432
101 600	9.99882 –3	1.26579	1.12507	302.446	1.4812	9.5528	2.0437
101 800	9.90776	1.25393	1.11979	302.487	1.4816	9.6453	2.0442
102 000	9.81756 –3	1.24218 –2	1.11453 –1	302.527	1.4819 –5	9.7387 –4	2.0448 –2
102 200	9.72821	1.23054	1.10930	302.568	1.4822	9.8329	2.0453
102 400	9.63969	1.21902	1.10409	302.608	1.4826	9.9281	2.0458
102 600	9.55200	1.20761	1.09891	302.649	1.4829	1.0024 –3	2.0463
102 800	9.46513	1.19630	1.09375	302.689	1.4832	1.0121	2.0468
103 000	9.37907	1.18511	1.08863	302.729	1.4835	1.0219	2.0473
103 200	9.29382	1.17402	1.08352	302.770	1.4839	1.0318	2.0478
103 400	9.20936	1.16305	1.07845	302.810	1.4842	1.0417	2.0483
103 600	9.12570	1.15217	1.07339	302.851	1.4845	1.0518	2.0488
103 800	9.04281	1.14140	1.06836	302.891	1.4849	1.0620	2.0493

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
104 000	9.17414 –3	1.15847 –2	1.07632 –1	302.827	1.4843 –5	1.0460 –3	2.0485 –2
104 200	9.09163	1.14774	1.07133	302.867	1.4847	1.0560	2.0490
104 400	9.00988	1.13712	1.06636	302.907	1.4850	1.0660	2.0495
104 600	8.92889	1.12660	1.06141	302.947	1.4853	1.0762	2.0500
104 800	8.84865	1.11619	1.05650	302.987	1.4856	1.0865	2.0505
105 000	8.76915	1.10587	1.05160	303.028	1.4860	1.0969	2.0510
105 500	8.57362	1.08049	1.03947	303.128	1.4868	1.1233	2.0523
106 000	8.38268	1.05453	1.02690	303.401	1.4890	1.1526	2.0557
106 500	8.19634	1.02919	1.01449	303.681	1.4912	1.1828	2.0593
107 000	8.01449	1.00450	1.00225	303.960	1.4935	1.2137	2.0628
107 500	7.83700 –3	9.80457 –3	9.90180 –2	304.239	1.4958 –5	1.2454 –3	2.0663 –2
108 000	7.66376	9.57029	9.78279	304.518	1.4980	1.2778	2.0698
108 500	7.49467	9.34204	9.66542	304.796	1.5003	1.3110	2.0733
109 000	7.32962	9.11964	9.54968	305.075	1.5025	1.3450	2.0768
109 500	7.16850	8.90294	9.43554	305.353	1.5048	1.3798	2.0803
110 000	7.01121	8.69178	9.32297	305.630	1.5070	1.4154	2.0838
110 500	6.85766	8.48600	9.21195	305.908	1.5093	1.4519	2.0874
111 000	6.70774	8.28546	9.10245	306.185	1.5115	1.4892	2.0909
111 500	6.56137	8.09003	8.99446	306.462	1.5138	1.5275	2.0944
112 000	6.41846	7.89955	8.88794	306.739	1.5160	1.5666	2.0979
112 500	6.27892 –3	7.71390 –3	8.78288 –2	307.015	1.5183 –5	1.6067 –2	2.1014 –2
113 000	6.14266	7.53294	8.67925	307.291	1.5205	1.6477	2.1049
113 500	6.00960	7.35655	8.57703	307.567	1.5228	1.6897	2.1084
114 000	5.87966	7.18460	8.47620	307.843	1.5250	1.7327	2.1118
114 500	5.75276	7.01697	8.37674	308.118	1.5272	1.7767	2.1153
115 000	5.62882	6.85355	8.27862	308.393	1.5295	1.8217	2.1188
115 500	5.50777	6.69423	8.18183	308.668	1.5317	1.8678	2.1223
116 000	5.38954	6.53889	8.08634	308.943	1.5339	1.9150	2.1258
116 500	5.27406	6.38743	7.99214	309.217	1.5361	1.9632	2.1293
117 000	5.16125	6.23974	7.89920	309.491	1.5384	2.0126	2.1328
117 500	5.05106 –3	6.09573 –3	7.80752 –2	309.765	1.5406 –5	2.0631 –3	2.1363 –2
118 000	4.94341	5.95530	7.71706	310.039	1.5428	2.1148	2.1398
118 500	4.83824	5.81834	7.62780	310.312	1.5450	2.1677	2.1432
119 000	4.73550	5.68477	7.53974	310.585	1.5472	2.2218	2.1467
119 500	4.63512	5.55450	7.45285	310.858	1.5495	2.2772	2.1502
120 000	4.53704	5.42745	7.36712	311.130	1.5517	2.3338	2.1537
120 500	4.44120	5.30352	7.28253	311.403	1.5539	2.3918	2.1571
121 000	4.34756	5.18263	7.19905	311.675	1.5561	2.4510	2.1606
121 500	4.25605	5.06471	7.11668	311.947	1.5583	2.5117	2.1641
122 000	4.16663	4.94968	7.03540	312.218	1.5605	2.5737	2.1676
122 500	4.07924 –3	4.83746 –3	6.95519 –2	312.490	1.5627 –5	2.6371 –3	2.1710 –2
123 000	3.99384	4.72797	6.87602	312.761	1.5649	2.7020	2.1745
123 500	3.91037	4.62115	6.79790	313.031	1.5671	2.7683	2.1780
124 000	3.82879	4.51693	6.72081	313.302	1.5693	2.8362	2.1814
124 500	3.74905	4.41524	6.64473	313.572	1.5715	2.9056	2.1849
125 000	3.67111	4.31601	6.56963	313.842	1.5737	2.9765	2.1883
125 500	3.59492	4.21918	6.49552	314.112	1.5759	3.0491	2.1918
126 000	3.52044	4.12468	6.42237	314.382	1.5781	3.1232	2.1953
126 500	3.44763	4.03247	6.35017	314.651	1.5803	3.1991	2.1987
127 000	3.37646	3.94247	6.27891	314.920	1.5825	3.2767	2.2022
127 500	3.30687 –3	3.85463 –3	6.20857 –2	315.189	1.5847 –5	3.3560 –3	2.2056 –2
128 000	3.23884	3.76890	6.13914	315.458	1.5868	3.4370	2.2091
128 500	3.17232	3.68522	6.07060	315.726	1.5890	3.5199	2.2125
129 000	3.10728	3.60354	6.00295	315.994	1.5912	3.6046	2.2160
129 500	3.04368	3.52381	5.93617	316.262	1.5934	3.6912	2.2194
130 000	2.98149	3.44598	5.87025	316.530	1.5956	3.7798	2.2229
130 500	2.92068	3.36999	5.80516	316.797	1.5977	3.8703	2.2263
131 000	2.86121	3.29581	5.74091	317.065	1.5999	3.9628	2.2297
131 500	2.80305	3.22339	5.67749	317.331	1.6021	4.0573	2.2332
132 000	2.74617	3.15268	5.61487	317.598	1.6043	4.1539	2.2366

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
104 000	8.96071 –3	1.13074 –2	1.06336 –1	302.932	1.4852 –5	1.0722 –3	2.0498 –2
104 200	8.87936	1.12017	1.05838	302.972	1.4855	1.0826	2.0503
104 400	8.79878	1.10971	1.05343	303.013	1.4858	1.0930	2.0509
104 600	8.71895	1.09935	1.04850	303.053	1.4862	1.1036	2.0514
104 800	8.63987	1.08909	1.04359	303.093	1.4865	1.1142	2.0519
105 000	8.56152	1.07889	1.03870	303.139	1.4869	1.1250	2.0524
105 500	8.36896	1.05266	1.02599	303.421	1.4891	1.1548	2.0560
106 000	8.18108	1.02711	1.01346	303.704	1.4914	1.1854	2.0596
106 500	7.99775	1.00223	1.00111	303.986	1.4937	1.2166	2.0631
107 000	7.81886	9.78002 –3	9.88940 –2	304.268	1.4960	1.2487	2.0667
107 500	7.64429 –3	9.54398 –3	9.76933 –2	304.550	1.4983 –5	1.2815 –3	2.0702 –2
108 000	7.47393	9.31406	9.65094	304.831	1.5006	1.3152	2.0738
108 500	7.30767	9.09009	9.53420	305.112	1.5028	1.3496	2.0773
109 000	7.14540	8.87191	9.41908	305.393	1.5051	1.3849	2.0808
109 500	6.98703	8.65934	9.30556	305.674	1.5074	1.4210	2.0844
110 000	6.83244	8.45225	9.19361	305.954	1.5097	1.4581	2.0879
110 500	6.68155	8.25047	9.08321	306.234	1.5119	1.4960	2.0915
111 000	6.53426	8.05387	8.97434	306.514	1.5142	1.5348	2.0950
111 500	6.39048	7.86229	8.86696	306.794	1.5165	1.5745	2.0986
112 000	6.25011	7.67561	8.76106	307.073	1.5187	1.6152	2.1021
112 500	6.11307 –3	7.49369 –3	8.65661 –2	307.352	1.5210 –5	1.6569 –3	2.1056 –2
113 000	5.97928	7.31640	8.55360	307.631	1.5233	1.6996	2.1092
113 500	5.84865	7.14362	8.45199	307.910	1.5255	1.7433	2.1127
114 000	5.72110	6.97521	8.35177	308.188	1.5278	1.7880	2.1162
114 500	5.59656	6.81107	8.25292	308.466	1.5300	1.8338	2.1198
115 000	5.47495	6.65108	8.15542	308.744	1.5323	1.8807	2.1233
115 500	5.35619	6.49512	8.05923	309.021	1.5346	1.9287	2.1268
116 000	5.24021	6.34309	7.96435	309.299	1.5368	1.9778	2.1303
116 500	5.12694	6.19488	7.87076	309.576	1.5391	2.0281	2.1339
117 000	5.01632	6.05039	7.77843	309.853	1.5413	2.0795	2.1374
117 500	4.90827 –3	5.90951 –3	7.68733 –2	310.129	1.5435 –5	2.1322 –3	2.1409 –2
118 000	4.80274	5.77217	7.59748	310.406	1.5458	2.1861	2.1444
118 500	4.69966	5.63824	7.50882	310.682	1.5480	2.2413	2.1479
119 000	4.59897	5.50766	7.42136	310.958	1.5503	2.2978	2.1515
119 500	4.50061	5.38032	7.33507	311.233	1.5525	2.3555	2.1550
120 000	4.40452	5.25615	7.24993	311.509	1.5547	2.4147	2.1585
120 500	4.31065	5.13505	7.16593	311.784	1.5570	2.4752	2.1620
121 000	4.21894	5.01695	7.08304	312.059	1.5592	2.5371	2.1655
121 500	4.12934	4.90176	7.00126	312.333	1.5614	2.6004	2.1690
122 000	4.04179	4.78942	6.92056	312.608	1.5637	2.6652	2.1725
122 500	3.95624 –3	4.67984 –3	6.84094 –2	312.882	1.5659 –5	2.7315 –3	2.1760 –2
123 000	3.87265	4.57295	6.76236	313.156	1.5681	2.7993	2.1795
123 500	3.79097	4.46868	6.68482	313.429	1.5704	2.8687	2.1830
124 000	3.71115	4.36697	6.60831	313.703	1.5726	2.9396	2.1866
124 500	3.63315	4.26774	6.53279	313.976	1.5748	3.0122	2.1901
125 000	3.55691	4.17094	6.45828	314.249	1.5770	3.0865	2.1936
125 500	3.48241	4.07649	6.38474	314.522	1.5792	3.1625	2.1971
126 000	3.40959	3.98434	6.31216	314.794	1.5814	3.2401	2.2005
126 500	3.33841	3.89443	6.24054	315.067	1.5837	3.3196	2.2040
127 000	3.26884	3.80669	6.16984	315.339	1.5859	3.4008	2.2075
127 500	3.20083 –3	3.72108 –3	6.10007 –2	315.610	1.5881 –5	3.4839 –3	2.2110 –2
128 000	3.13436	3.63754	6.03120	315.882	1.5903	3.5689	2.2145
128 500	3.06937	3.55601	5.96323	316.153	1.5925	3.6558	2.2180
129 000	3.00584	3.47644	5.89613	316.424	1.5947	3.7446	2.2215
129 500	2.94373	3.39878	5.82991	316.695	1.5969	3.8355	2.2250
130 000	2.88301	3.32299	5.76454	316.966	1.5991	3.9284	2.2285
130 500	2.82364	3.24901	5.70001	317.236	1.6013	4.0234	2.2320
131 000	2.76559	3.17681	5.63632	317.506	1.6035	4.1205	2.2354
131 500	2.70883	3.10632	5.57344	317.776	1.6057	4.2197	2.2389
132 000	2.65332	3.03751	5.51136	318.046	1.6079	4.3212	2.2424

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
132 500	2.69054 –3	3.08364 –3	5.55305 –2	317.865	1.6064 –5	4.2527 –3	2.2401 –2
133 000	2.63613	3.01622	5.49201	318.131	1.6086	4.3536	2.2435
133 500	2.58291	2.95039	5.43175	318.397	1.6108	4.4567	2.2469
134 000	2.53085	2.88611	5.37225	318.663	1.6129	4.5621	2.2504
134 500	2.47993	2.82333	5.31350	318.928	1.6151	4.6698	2.2538
135 000	2.43012	2.76203	5.25550	319.193	1.6172	4.7798	2.2572
135 500	2.38139	2.70215	5.19822	319.459	1.6194	4.8922	2.2606
136 000	2.33372	2.64367	5.14166	319.723	1.6216	5.0071	2.2641
136 500	2.28708	2.58656	5.08582	319.988	1.6237	5.1245	2.2675
137 000	2.24145	2.53077	5.03068	320.252	1.6259	5.2444	2.2709
137 500	2.19681 –3	2.47628 –3	4.97622 –2	320.516	1.6280 –5	5.3669 –3	2.2743 –2
138 000	2.15312	2.42305	4.92245	320.780	1.6302	5.4920	2.2778
138 500	2.11038	2.37105	4.86934	321.044	1.6323	5.6199	2.2812
139 000	2.06856	2.32025	4.81690	321.308	1.6345	5.7504	2.2846
139 500	2.02764	2.27063	4.76511	321.571	1.6366	5.8838	2.2880
140 000	1.98759	2.22214	4.71396	321.834	1.6387	6.0201	2.2914
140 500	1.94839	2.17477	4.66344	322.097	1.6409	6.1592	2.2948
141 000	1.91004	2.12849	4.61356	322.359	1.6430	6.3014	2.2982
141 500	1.87250	2.08326	4.56427	322.621	1.6452	6.4465	2.3016
142 000	1.83576	2.03907	4.51561	322.883	1.6473	6.5948	2.3051
142 500	1.79980 –3	1.99589 –3	4.46754 –2	323.145	1.6494 –5	6.7462 –3	2.3085 –2
143 000	1.76460	1.95370	4.42007	323.407	1.6516	6.9008	2.3119
143 500	1.73015	1.91246	4.37317	323.668	1.6537	7.0587	2.3153
144 000	1.69643	1.87216	4.32685	323.930	1.6558	7.2199	2.3187
144 500	1.66342	1.83277	4.28109	324.191	1.6579	7.3846	2.3221
145 000	1.63110	1.79428	4.23589	324.451	1.6601	7.5527	2.3255
145 500	1.59946	1.75666	4.19125	324.712	1.6622	7.7243	2.3289
146 000	1.56849	1.71988	4.14714	324.972	1.6643	7.8995	2.3323
146 500	1.53817	1.68393	4.10357	325.232	1.6664	8.0784	2.3356
147 000	1.50848	1.64880	4.06054	325.492	1.6686	8.2611	2.3390
147 500	1.47941 –3	1.61445 –3	4.01802 –2	325.752	1.6707 –5	8.4475 –3	2.3424 –2
148 000	1.45095	1.58087	3.97602	326.011	1.6728	8.6379	2.3458
148 500	1.42308	1.54804	3.93451	326.270	1.6749	8.8322	2.3492
149 000	1.39579	1.51595	3.89352	326.529	1.6770	9.0306	2.3526
149 500	1.36907	1.48457	3.85301	326.788	1.6791	9.2330	2.3560
150 000	1.34290	1.45389	3.81299	327.047	1.6812	9.4397	2.3594
150 500	1.31727	1.42390	3.77346	327.305	1.6833	9.6506	2.3627
151 000	1.29217	1.39457	3.73439	327.563	1.6854	9.8659	2.3661
151 500	1.26759	1.36589	3.69579	327.821	1.6875	1.0086 –2	2.3695
152 000	1.24352	1.33784	3.65765	328.079	1.6896	1.0310	2.3729
152 500	1.21994 –3	1.31042 –3	3.61997 –2	328.336	1.6917 –5	1.0539 –2	2.3762 –2
153 000	1.19685	1.28360	3.58274	328.593	1.6938	1.0772	2.3796
153 500	1.17423	1.25737	3.54594	328.850	1.6959	1.1011	2.3830
154 000	1.15207	1.23172	3.50959	329.107	1.6980	1.1254	2.3864
154 500	1.13036	1.20663	3.47366	329.364	1.7001	1.1502	2.3897
155 000	1.10910	1.18209	3.43815	329.620	1.7022	1.1755	2.3931
155 500	1.08827	1.15864	3.40388	329.799	1.7037	1.2003	2.3954
156 000	1.06784	1.13688	3.37177	329.799	1.7037	1.2233	2.3954
156 500	1.04779	1.11554	3.33997	329.799	1.7037	1.2467	2.3954
157 000	1.02812	1.09460	3.30847	329.799	1.7037	1.2706	2.3954
157 500	1.00882 –3	1.07405 –3	3.27727 –2	329.799	1.7037 –5	1.2949 –2	2.3954 –2
158 000	9.89886 –4	1.05389	3.24637	329.799	1.7037	1.3196	2.3954
158 500	9.71306	1.03411	3.21576	329.799	1.7037	1.3449	2.3954
159 000	9.53076	1.01470	3.18544	329.799	1.7037	1.3706	2.3954
159 500	9.35188	9.95657 –4	3.15540	329.799	1.7037	1.3968	2.3954
160 000	9.17637	9.76971	3.12565	329.799	1.7037	1.4235	2.3954
160 500	9.00416	9.58637	3.09619	329.799	1.7037	1.4508	2.3954
161 000	8.83520	9.40647	3.06700	329.799	1.7037	1.4785	2.3954
161 500	8.66941	9.22997	3.03809	329.799	1.7037	1.5068	2.3954
162 000	8.50674	9.05678	3.00945	329.799	1.7037	1.5356	2.3954

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
132 500	2.59905 –3	2.97035 –3	5.45009 –2	318.316	1.6101 –5	4.4250 –3	2.2459 –2
133 000	2.54597	2.90477	5.38959	318.585	1.6123	4.5310	2.2494
133 500	2.49407	2.84075	5.32987	318.854	1.6145	4.6394	2.2528
134 000	2.44331	2.77825	5.27091	319.123	1.6167	4.7502	2.2563
134 500	2.39366	2.71722	5.21270	319.391	1.6189	4.8635	2.2598
135 000	2.34510	2.65763	5.15522	319.660	1.6210	4.9792	2.2632
135 500	2.29761	2.59945	5.09848	319.928	1.6232	5.0975	2.2667
136 000	2.25116	2.54264	5.04246	320.196	1.6254	5.2184	2.2702
136 500	2.20572	2.48715	4.98713	320.463	1.6276	5.3420	2.2736
137 000	2.16127	2.43297	4.93251	320.731	1.6298	5.4683	2.2771
137 500	2.11779 –3	2.38006 –3	4.87859 –2	320.998	1.6319 –5	5.5973 –3	2.2806 –2
138 000	2.07526	2.32838	4.82533	321.265	1.6341	5.7292	2.2840
138 500	2.03364	2.27791	4.77275	321.532	1.6363	5.8639	2.2875
139 000	1.99293	2.22861	4.72082	321.798	1.6385	6.0016	2.2910
139 500	1.95310	2.18046	4.66954	322.065	1.6406	6.1422	2.2944
140 000	1.91413	2.13342	4.61890	322.331	1.6428	6.2859	2.2979
140 500	1.87600	2.08748	4.56889	322.597	1.6450	6.4328	2.3013
141 000	1.83869	2.04259	4.51950	322.862	1.6471	6.5828	2.3048
141 500	1.80218	1.99875	4.47074	323.128	1.6493	6.7360	2.3082
142 000	1.76645	1.95591	4.42257	323.393	1.6514	6.8925	2.3117
142 500	1.73149 –3	1.91406 –3	4.37500 –2	323.658	1.6536 –5	7.0524 –3	2.3151 –2
143 000	1.69728	1.87317	4.32801	323.923	1.6558	7.2158	2.3186
143 500	1.66379	1.83322	4.28161	324.188	1.6579	7.3826	2.3220
144 000	1.63102	1.79419	4.23579	324.452	1.6601	7.5531	2.3255
144 500	1.59895	1.75605	4.19053	324.716	1.6622	7.7271	2.3289
145 000	1.56756	1.71878	4.14582	324.980	1.6644	7.9049	2.3324
145 500	1.53684	1.68236	4.10166	325.244	1.6665	8.0865	2.3358
146 000	1.50676	1.64676	4.05803	325.507	1.6687	8.2719	2.3392
146 500	1.47732	1.61198	4.01495	325.771	1.6708	8.4613	2.3427
147 000	1.44850	1.57799	3.97239	326.034	1.6730	8.6546	2.3461
147 500	1.42029 –3	1.54476 –3	3.93034 –2	326.297	1.6751 –5	8.8521 –3	2.3495 –2
148 000	1.39267	1.51229	3.88882	326.559	1.6773	9.0538	2.3530
148 500	1.36564	1.48055	3.84779	326.822	1.6794	9.2596	2.3564
149 000	1.33917	1.44952	3.80726	327.084	1.6815	9.4699	2.3598
149 500	1.31325	1.41920	3.76723	327.346	1.6837	9.6845	2.3633
150 000	1.28788	1.38955	3.72767	327.608	1.6858	9.9037	2.3667
150 500	1.26303	1.36057	3.68859	327.869	1.6879	1.0127 –2	2.3701
151 000	1.23871	1.33224	3.64999	328.131	1.6901	1.0356	2.3736
151 500	1.21489	1.30454	3.61184	328.392	1.6922	1.0589	2.3770
152 000	1.19156	1.27747	3.57417	328.653	1.6943	1.0827	2.3804
152 500	1.16872 –3	1.25099 –3	3.53693 –2	328.914	1.6965 –5	1.1070 –2	2.3838 –2
153 000	1.14635	1.22510	3.50014	329.174	1.6986	1.1318	2.3872
153 500	1.12444	1.19979	3.46380	329.435	1.7007	1.1571	2.3907
154 000	1.10299	1.17505	3.42790	329.695	1.7028	1.1830	2.3941
154 500	1.08197	1.15193	3.39401	329.799	1.7037	1.2073	2.3954
155 000	1.06136	1.12998	3.36152	329.799	1.7037	1.2308	2.3954
155 500	1.04114	1.10845	3.32934	329.799	1.7037	1.2547	2.3954
156 000	1.02130	1.08734	3.29748	329.799	1.7037	1.2791	2.3954
156 500	1.00184	1.06662	3.26591	329.799	1.7037	1.3039	2.3954
157 000	9.82752 –4	1.04630	3.23466	329.799	1.7037	1.3292	2.3954
157 500	9.64028 –4	1.02636 –3	3.20369 –2	329.799	1.7037 –5	1.3550 –2	2.3954 –2
158 000	9.45660	1.00681	3.17303	329.799	1.7037	1.3814	2.3954
158 500	9.27642	9.87623 –4	3.14265	329.799	1.7037	1.4082	2.3954
159 000	9.09968	9.68805	3.11256	329.799	1.7037	1.4355	2.3954
159 500	8.92630	9.50347	3.08277	329.799	1.7037	1.4634	2.3954
160 000	8.75623	9.32240	3.05326	329.799	1.7037	1.4918	2.3954
160 500	8.58939	9.14478	3.02403	329.799	1.7037	1.5208	2.3954
161 000	8.42574	8.97054	2.99509	329.799	1.7037	1.5504	2.3954
161 500	8.26520	8.79962	2.96642	329.799	1.7037	1.5805	2.3954
162 000	8.10773	8.63196	2.93802	329.799	1.7037	1.6112	2.3954

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
162 500	8.34713 –4	8.88685 –4	2.98108 –2	329.799	1.7037 –5	1.5650 –2	2.3954 –2
163 000	8.19052	8.72011	2.95298	329.799	1.7037	1.5949	2.3954
163 500	8.03686	8.55651	2.92515	329.799	1.7037	1.6254	2.3954
164 000	7.88608	8.39599	2.89758	329.799	1.7037	1.6565	2.3954
164 500	7.73815	8.23849	2.87028	329.799	1.7037	1.6881	2.3954
165 000	7.59299	8.08395	2.84323	329.799	1.7037	1.7204	2.3954
165 500	7.45057	7.93231	2.81644	329.799	1.7037	1.7533	2.3954
166 000	7.31082	7.78353	2.78990	329.799	1.7037	1.7868	2.3954
166 500	7.17370	7.63754	2.76361	329.799	1.7037	1.8209	2.3954
167 000	7.03916	7.49430	2.73757	329.799	1.7037	1.8558	2.3954
167 500	6.90715 –4	7.35376 –4	2.71178 –2	329.799	1.7037 –5	1.8912 –2	2.3954 –2
168 000	6.77761	7.21585	2.68623	329.799	1.7037	1.9274	2.3954
168 500	6.65052	7.08054	2.66093	329.799	1.7037	1.9642	2.3954
169 000	6.52576	6.95470	2.63718	329.633	1.7023	1.9982	2.3933
169 500	6.40318	6.83468	2.61432	329.377	1.7002	2.0307	2.3899
170 000	6.28273	6.71655	2.59163	329.121	1.6981	2.0639	2.3865
170 500	6.16436	6.60030	2.56910	328.864	1.6961	2.0977	2.3832
171 000	6.04805	6.48588	2.54674	328.608	1.6940	2.1321	2.3798
171 500	5.93377	6.37328	2.52454	328.351	1.6919	2.1670	2.3764
172 000	5.82147	6.26246	2.50249	328.094	1.6898	2.2027	2.3731
172 500	5.71114 –4	6.15341 –4	2.48061 –2	327.837	1.6877 –5	2.2389 –2	2.3697 –2
173 000	5.60273	6.04610	2.45888	327.579	1.6856	2.2758	2.3663
173 500	5.49622	5.94049	2.43731	327.322	1.6835	2.3134	2.3630
174 000	5.39157	5.83658	2.41590	327.064	1.6814	2.3516	2.3596
174 500	5.28876	5.73433	2.39465	326.806	1.6793	2.3906	2.3562
175 000	5.18776	5.63371	2.37354	326.548	1.6772	2.4302	2.3528
175 500	5.08854	5.53472	2.35260	326.290	1.6751	2.4706	2.3495
176 000	4.99107	5.43731	2.33180	326.031	1.6729	2.5117	2.3461
176 500	4.89532	5.34147	2.31116	325.772	1.6708	2.5535	2.3427
177 000	4.80126	5.24718	2.29067	325.514	1.6687	2.5961	2.3393
177 500	4.70887 –4	5.15441 –4	2.27033 –2	325.254	1.6666 –5	2.6395 –2	2.3359 –2
178 000	4.61812	5.06314	2.25014	324.995	1.6645	2.6837	2.3326
178 500	4.52898	4.97335	2.23010	324.736	1.6624	2.7286	2.3292
179 000	4.44142	4.88501	2.21021	324.476	1.6603	2.7745	2.3258
179 500	4.35543	4.79811	2.19046	324.216	1.6582	2.8211	2.3224
180 000	4.27097	4.71262	2.17086	323.956	1.6560	2.8686	2.3190
180 500	4.18802	4.62853	2.15140	323.696	1.6539	2.9170	2.3156
181 000	4.10656	4.54581	2.13209	323.435	1.6518	2.9662	2.3122
181 500	4.02655	4.46445	2.11292	323.175	1.6497	3.0164	2.3088
182 000	3.94799	4.38441	2.09390	322.914	1.6475	3.0675	2.3055
182 500	3.87084 –4	4.30569 –4	2.07502 –2	322.653	1.6454 –5	3.1196 –2	2.3021 –2
183 000	3.79507	4.22826	2.05627	322.391	1.6433	3.1726	2.2987
183 500	3.72068	4.15210	2.03767	322.130	1.6412	3.2266	2.2953
184 000	3.64763	4.07720	2.01921	321.868	1.6390	3.2816	2.2919
184 500	3.57590	4.00354	2.00088	321.607	1.6369	3.3376	2.2885
185 000	3.50547	3.93109	1.98270	321.344	1.6348	3.3947	2.2851
185 500	3.43632	3.85984	1.96465	321.082	1.6326	3.4529	2.2817
186 000	3.36842	3.78977	1.94673	320.820	1.6305	3.5121	2.2783
186 500	3.30177	3.72087	1.92896	320.557	1.6283	3.5724	2.2749
187 000	3.23633	3.65311	1.91131	320.294	1.6262	3.6339	2.2715
187 500	3.17208 –4	3.58648 –4	1.89380 –2	320.031	1.6241 –5	3.6966 –2	2.2681 –2
188 000	3.10902	3.52097	1.87642	319.768	1.6219	3.7604	2.2646
188 500	3.04710	3.45654	1.85918	319.504	1.6198	3.8254	2.2612
189 000	2.98633	3.39320	1.84206	319.241	1.6176	3.8916	2.2578
189 500	2.92667	3.33092	1.82508	318.977	1.6155	3.9591	2.2544
190 000	2.86811	3.26968	1.80823	318.713	1.6133	4.0279	2.2510
190 500	2.81063	3.20947	1.79150	318.448	1.6112	4.0980	2.2476
191 000	2.75421	3.15028	1.77490	318.184	1.6090	4.1694	2.2442
191 500	2.69884	3.09209	1.75843	317.919	1.6069	4.2422	2.2408
192 000	2.64449	3.03488	1.74209	317.654	1.6047	4.3164	2.2373

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
162 500	7.95325 –4	8.46750 –4	2.90990 –2	329.799	1.7037 –5	1.6425 –2	2.3954 –2
163 000	7.80171	8.30617	2.88204	329.799	1.7037	1.6744	2.3954
163 500	7.65307	8.14791	2.85445	329.799	1.7037	1.7069	2.3954
164 000	7.50725	7.99267	2.82713	329.799	1.7037	1.7400	2.3954
164 500	7.36422	7.84038	2.80007	329.799	1.7037	1.7738	2.3954
165 000	7.22391	7.69100	2.77327	329.799	1.7037	1.8083	2.3954
165 500	7.08627	7.54446	2.74672	329.799	1.7037	1.8434	2.3954
166 000	6.95125	7.40072	2.72043	329.799	1.7037	1.8792	2.3954
166 500	6.81881	7.25971	2.69438	329.799	1.7037	1.9157	2.3954
167 000	6.68889	7.12139	2.66859	329.799	1.7037	1.9529	2.3954
167 500	6.56142 –4	6.98958 –4	2.64378 –2	329.707	1.7029 –5	1.9889 –2	2.3942 –2
168 000	6.43624	6.86706	2.62051	329.446	1.7008	2.0218	2.3908
168 500	6.31325	6.74651	2.59740	329.186	1.6987	2.0554	2.3874
169 000	6.19243	6.62788	2.57447	328.925	1.6966	2.0896	2.3840
169 500	6.07373	6.51115	2.55170	328.665	1.6944	2.1244	2.3805
170 000	5.95712	6.39630	2.52909	328.404	1.6923	2.1598	2.3771
170 500	5.84257	6.28330	2.50665	328.143	1.6902	2.1959	2.3737
171 000	5.73005	6.17212	2.48438	327.881	1.6880	2.2326	2.3703
171 500	5.61952	6.06273	2.46226	327.620	1.6859	2.2700	2.3669
172 000	5.51095	5.95511	2.44031	327.358	1.6838	2.3081	2.3634
172 500	5.40431 –4	5.84923 –4	2.41852 –2	327.096	1.6816 –5	2.3469 –2	2.3600 –2
173 000	5.29956	5.74508	2.39689	326.833	1.6795	2.3864	2.3566
173 500	5.19669	5.64261	2.37542	326.571	1.6774	2.4267	2.3531
174 000	5.09564	5.54181	2.35410	326.308	1.6752	2.4676	2.3497
174 500	4.99641	5.44265	2.33295	326.045	1.6731	2.5094	2.3463
175 000	4.89895	5.34511	2.31195	325.782	1.6709	2.5519	2.3428
175 500	4.80324	5.24917	2.29111	325.519	1.6688	2.5952	2.3394
176 000	4.70925	5.15479	2.27042	325.256	1.6666	2.6393	2.3360
176 500	4.61695	5.06197	2.24988	324.992	1.6645	2.6842	2.3325
177 000	4.52632	4.97067	2.22950	324.728	1.6623	2.7300	2.3291
177 500	4.43732 –4	4.88087 –4	2.20927 –2	324.464	1.6602 –5	2.7766 –2	2.3256 –2
178 000	4.34993	4.79255	2.18919	324.199	1.6580	2.8241	2.3222
178 500	4.26412	4.70569	2.16926	323.935	1.6559	2.8725	2.3187
179 000	4.17987	4.62026	2.14948	323.670	1.6537	2.9218	2.3153
179 500	4.09715	4.53625	2.12985	323.405	1.6515	2.9721	2.3118
180 000	4.01593	4.45363	2.11036	323.140	1.6494	3.0232	2.3084
180 500	3.93620	4.37239	2.09103	322.874	1.6472	3.0754	2.3049
181 000	3.85792	4.29250	2.07183	322.609	1.6451	3.1285	2.3015
181 500	3.78107	4.21393	2.05279	322.343	1.6429	3.1826	2.2980
182 000	3.70563	4.13668	2.03388	322.077	1.6407	3.2378	2.2946
182 500	3.63157 –4	4.06073 –4	2.01513 –2	321.810	1.6385 –5	3.2940 –2	2.2911 –2
183 000	3.55888	3.98604	1.99651	321.544	1.6364	3.3512	2.2877
183 500	3.48752	3.91261	1.97803	321.277	1.6342	3.4096	2.2842
184 000	3.41748	3.84041	1.95970	321.010	1.6320	3.4691	2.2807
184 500	3.34873	3.76943	1.94150	320.743	1.6299	3.5297	2.2773
185 000	3.28126	3.69964	1.92344	320.475	1.6277	3.5915	2.2738
185 500	3.21503	3.63104	1.90553	320.208	1.6255	3.6544	2.2703
186 000	3.15003	3.56359	1.88775	319.940	1.6233	3.7186	2.2669
186 500	3.08625	3.49728	1.87010	319.672	1.6211	3.7840	2.2634
187 000	3.02364	3.43211	1.85260	319.403	1.6189	3.8507	2.2599
187 500	2.96221 –4	3.36804 –4	1.83522 –2	319.135	1.6168 –5	3.9186 –2	2.2565 –2
188 000	2.90193	3.30506	1.81798	318.866	1.6146	3.9879	2.2530
188 500	2.84277	3.24315	1.80087	318.597	1.6124	4.0585	2.2495
189 000	2.78472	3.18230	1.78390	318.328	1.6102	4.1305	2.2460
189 500	2.72776	3.12250	1.76706	318.058	1.6080	4.2039	2.2426
190 000	2.67188	3.06372	1.75035	317.788	1.6058	4.2787	2.2391
190 500	2.61704	3.00595	1.73377	317.519	1.6036	4.3549	2.2356
191 000	2.56324	2.94917	1.71731	317.248	1.6014	4.4327	2.2321
191 500	2.51046	2.89337	1.70099	316.978	1.5992	4.5120	2.2286
192 000	2.45868	2.83854	1.68480	316.707	1.5970	4.5928	2.2251

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
192 500	2.59115 –4	2.97863 –4	1.72587 –2	317.389	1.6026 –5	4.3920 –2	2.2339 –2
193 000	2.53880	2.92335	1.70978	317.124	1.6004	4.4690	2.2305
193 500	2.48743	2.86900	1.69381	316.858	1.5982	4.5475	2.2271
194 000	2.43702	2.81557	1.67797	316.593	1.5961	4.6275	2.2237
194 500	2.38755	2.76305	1.66224	316.327	1.5939	4.7091	2.2202
195 000	2.33900	2.71143	1.64664	316.060	1.5917	4.7922	2.2168
195 500	2.29137	2.66070	1.63117	315.794	1.5896	4.8770	2.2134
196 000	2.24462	2.61083	1.61581	315.527	1.5874	4.9634	2.2100
196 500	2.19876	2.56181	1.60057	315.261	1.5852	5.0514	2.2065
197 000	2.15376	2.51364	1.58545	314.994	1.5831	5.1412	2.2031
197 500	2.10961 –4	2.46630 –4	1.57045 –2	314.726	1.5809 –5	5.2327 –2	2.1997 –2
198 000	2.06630	2.41977	1.55556	314.459	1.5787	5.3259	2.1962
198 500	2.02380	2.37404	1.54079	314.191	1.5765	5.4210	2.1928
199 000	1.98211	2.32911	1.52614	313.923	1.5744	5.5180	2.1894
199 500	1.94121	2.28495	1.51161	313.655	1.5722	5.6168	2.1859
200 000	1.90109	2.24156	1.49718	313.387	1.5700	5.7176	2.1825
200 500	1.86174	2.19892	1.48288	313.118	1.5678	5.8204	2.1791
201 000	1.82313	2.15703	1.46868	312.850	1.5656	5.9252	2.1756
201 500	1.78526	2.11586	1.45460	312.581	1.5635	6.0320	2.1722
202 000	1.74812	2.07541	1.44063	312.311	1.5613	6.1410	2.1687
202 500	1.71169 –4	2.03567 –4	1.42677 –2	312.042	1.5591 –5	6.2521 –2	2.1653 –2
203 000	1.67596	1.99663	1.41302	311.772	1.5569	6.3654	2.1619
203 500	1.64092	1.95827	1.39938	311.502	1.5547	6.4809	2.1584
204 000	1.60655	1.92059	1.38585	311.232	1.5525	6.5988	2.1550
204 500	1.57285	1.88356	1.37243	310.962	1.5503	6.7189	2.1515
205 000	1.53980	1.84720	1.35912	310.692	1.5481	6.8415	2.1481
205 500	1.50738	1.81147	1.34591	310.421	1.5459	6.9665	2.1446
206 000	1.47560	1.77638	1.33281	310.150	1.5437	7.0941	2.1412
206 500	1.44444	1.74190	1.31981	309.879	1.5415	7.2241	2.1377
207 000	1.41388	1.70804	1.30692	309.607	1.5393	7.3568	2.1343
207 500	1.38392 –4	1.67478 –4	1.29413 –2	309.336	1.5371 –5	7.4922 –2	2.1308 –2
208 000	1.35454	1.64212	1.28145	309.064	1.5349	7.6302	2.1274
208 500	1.32574	1.61003	1.26887	308.792	1.5327	7.7711	2.1239
209 000	1.29750	1.57852	1.25639	308.519	1.5305	7.9148	2.1204
209 500	1.26982	1.54758	1.24402	308.247	1.5283	8.0614	2.1170
210 000	1.24268	1.51719	1.23174	307.974	1.5261	8.2110	2.1135
210 500	1.21608	1.48734	1.21957	307.701	1.5238	8.3636	2.1101
211 000	1.19000	1.45803	1.20749	307.428	1.5216	8.5193	2.1066
211 500	1.16443	1.42926	1.19552	307.154	1.5194	8.6781	2.1031
212 000	1.13938	1.40099	1.18363	306.881	1.5172	8.8403	2.0997
212 500	1.11482 –4	1.37325 –4	1.17186 –2	306.607	1.5150 –5	9.0057 –2	2.0962 –2
213 000	1.09074	1.34600	1.16017	306.333	1.5127	9.1745	2.0927
213 500	1.06715	1.31925	1.14859	306.058	1.5105	9.3468	2.0893
214 000	1.04403	1.29298	1.13709	305.784	1.5083	9.5226	2.0858
214 500	1.02137	1.26719	1.12570	305.509	1.5061	9.7020	2.0823
215 000	9.99160 –5	1.24188	1.11440	305.234	1.5038	9.8851	2.0788
215 500	9.77397	1.21702	1.10319	304.958	1.5016	1.0072 –1	2.0754
216 000	9.56072	1.19262	1.09207	304.683	1.4994	1.0263	2.0719
216 500	9.35176	1.16867	1.08105	304.407	1.4971	1.0458	2.0684
217 000	9.14700	1.14516	1.07012	304.131	1.4949	1.0656	2.0649
217 500	8.94638 –5	1.12208 –4	1.05928 –2	303.855	1.4927 –5	1.0859 –1	2.0615 –2
218 000	8.74982	1.09943	1.04854	303.578	1.4904	1.1066	2.0580
218 500	8.55723	1.07719	1.03788	303.301	1.4882	1.1278	2.0545
219 000	8.36855	1.05537	1.02731	303.024	1.4859	1.1494	2.0510
219 500	8.18371	1.03395	1.01683	302.747	1.4837	1.1714	2.0475
220 000	8.00263	1.01293	1.00644	302.470	1.4814	1.1939	2.0440
220 500	7.82525	9.92295 –5	9.96140 –3	302.192	1.4792	1.2169	2.0405
221 000	7.65148	9.72048	9.85925	301.914	1.4769	1.2403	2.0371
221 500	7.48128	9.52179	9.75797	301.636	1.4747	1.2643	2.0336
222 000	7.31457	9.32682	9.65755	301.357	1.4724	1.2887	2.0301

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
192 500	2.40788 –4	2.78465 –4	1.66873 –2	316.436	1.5948 –5	4.6752 –2	2.2217 –2
193 000	2.35804	2.73169	1.65278	316.165	1.5926	4.7593	2.2182
193 500	2.30916	2.67966	1.63697	315.894	1.5904	4.8449	2.2147
194 000	2.26120	2.62853	1.62127	315.623	1.5882	4.9323	2.2112
194 500	2.21417	2.57828	1.60570	315.351	1.5860	5.0215	2.2077
195 000	2.16803	2.52892	1.59026	315.079	1.5838	5.1123	2.2042
195 500	2.12277	2.48042	1.57493	314.806	1.5815	5.2050	2.2007
196 000	2.07839	2.43276	1.55973	314.534	1.5793	5.2995	2.1972
196 500	2.03485	2.38594	1.54465	314.261	1.5771	5.3959	2.1937
197 000	1.99216	2.33995	1.52969	313.988	1.5749	5.4943	2.1902
197 500	1.95029 –4	2.29476 –4	1.51485 –2	313.715	1.5727 –5	5.5946 –2	2.1867 –2
198 000	1.90923	2.25037	1.50012	313.442	1.5705	5.6969	2.1832
198 500	1.86896	2.20676	1.48552	313.168	1.5682	5.8012	2.1797
199 000	1.82948	2.16392	1.47103	312.894	1.5660	5.9077	2.1762
199 500	1.79076	2.12184	1.45665	312.620	1.5638	6.0162	2.1727
200 000	1.75280	2.08051	1.44240	312.346	1.5615	6.1270	2.1692
200 500	1.71557	2.03991	1.42825	312.071	1.5593	6.2400	2.1657
201 000	1.67907	2.00003	1.41422	311.796	1.5571	6.3553	2.1622
201 500	1.64329	1.96087	1.40031	311.521	1.5548	6.4730	2.1586
202 000	1.60821	1.92241	1.38651	311.246	1.5526	6.5930	2.1551
202 500	1.57382 –4	1.88463 –4	1.37282 –2	310.970	1.5504 –5	6.7154 –2	2.1516 –2
203 000	1.54010	1.84753	1.35924	310.694	1.5481	6.8404	2.1481
203 500	1.50705	1.81110	1.34577	310.418	1.5459	6.9679	2.1446
204 000	1.47465	1.77532	1.33241	310.142	1.5436	7.0980	2.1411
204 500	1.44289	1.74019	1.31916	309.865	1.5414	7.2307	2.1375
205 000	1.41176	1.70569	1.30602	309.588	1.5392	7.3662	2.1340
205 500	1.38125	1.67182	1.29299	309.311	1.5369	7.5045	2.1305
206 000	1.35134	1.63856	1.28006	309.034	1.5347	7.6456	2.1270
206 500	1.32203	1.60590	1.26724	308.756	1.5324	7.7896	2.1234
207 000	1.29330	1.57384	1.25453	308.478	1.5301	7.9366	2.1199
207 500	1.26515 –4	1.54236 –4	1.24192 –2	308.200	1.5279 –5	8.0867 –2	2.1164 –2
208 000	1.23756	1.51145	1.22941	307.922	1.5256	8.2398	2.1129
208 500	1.21053	1.48111	1.21701	307.643	1.5234	8.3962	2.1093
209 000	1.18404	1.45133	1.20471	307.365	1.5211	8.5557	2.1058
209 500	1.15808	1.42209	1.19251	307.085	1.5188	8.7186	2.1023
210 000	1.13264	1.39339	1.18042	306.806	1.5166	8.8849	2.0987
210 500	1.10772	1.36522	1.16843	306.527	1.5143	9.0547	2.0952
211 000	1.08331	1.33757	1.15653	306.247	1.5120	9.2281	2.0916
211 500	1.05938	1.31043	1.14474	305.967	1.5098	9.4050	2.0881
212 000	1.03595	1.28379	1.13304	305.686	1.5075	9.5857	2.0846
212 500	1.01299 –4	1.25765 –4	1.12145 –2	305.406	1.5052 –5	9.7702 –2	2.0810 –2
213 000	9.90496 –5	1.23199	1.10995	305.125	1.5029	9.9586	2.0775
213 500	9.68464	1.20681	1.09855	304.844	1.5007	1.0151 –1	2.0739
214 000	9.46883	1.18210	1.08724	304.562	1.4984	1.0347	2.0704
214 500	9.25743	1.15785	1.07603	304.280	1.4961	1.0548	2.0668
215 000	9.05038	1.13405	1.06492	303.999	1.4938	1.0753	2.0633
215 500	8.84759	1.11070	1.05390	303.716	1.4915	1.0962	2.0597
216 000	8.64898	1.08779	1.04297	303.434	1.4892	1.1176	2.0562
216 500	8.45447	1.06531	1.03214	303.151	1.4870	1.1394	2.0526
217 000	8.26398	1.04325	1.02140	302.868	1.4847	1.1617	2.0490
217 500	8.07744 –5	1.02162 –4	1.01075 –2	302.585	1.4824 –5	1.1845 –1	2.0455 –2
218 000	7.89477	1.00039	1.00019	302.301	1.4801	1.2078	2.0419
218 500	7.71590	9.79559 –5	9.89727 –3	302.018	1.4778	1.2315	2.0384
219 000	7.54076	9.59127	9.79350	301.734	1.4755	1.2558	2.0348
219 500	7.36928	9.39085	9.69064	301.449	1.4732	1.2806	2.0312
220 000	7.20138	9.19424	9.58866	301.165	1.4709	1.3059	2.0277
220 500	7.03700	9.00139	9.48757	300.880	1.4686	1.3318	2.0241
221 000	6.87607	8.81223	9.38735	300.595	1.4663	1.3583	2.0205
221 500	6.71853	8.62670	9.28800	300.309	1.4640	1.3853	2.0170
222 000	6.56431	8.44473	9.18952	300.024	1.4616	1.4129	2.0134

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	a (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
222 500	7.15128 –5	9.13550 –5	9.55798 –3	301.079	1.4702 –5	1.3137 –1	2.0266 –2
223 000	6.99135	8.94776	9.45926	300.800	1.4679	1.3392	2.0231
223 500	6.83471	8.76356	9.36139	300.521	1.4657	1.3653	2.0196
224 000	6.68131	8.58282	9.26435	300.241	1.4634	1.3919	2.0161
224 500	6.53109	8.40550	9.16815	299.961	1.4611	1.4190	2.0126
225 000	6.38398	8.23152	9.07277	299.682	1.4589	1.4468	2.0091
225 500	6.23992	8.06084	8.97822	299.401	1.4566	1.4751	2.0056
226 000	6.09886	7.89339	8.88448	299.121	1.4543	1.5041	2.0021
226 500	5.96074	7.72913	8.79155	298.840	1.4521	1.5336	1.9986
227 000	5.82550	7.56799	8.69942	298.559	1.4498	1.5638	1.9951
227 500	5.69309 –5	7.40993 –5	8.60810 –3	298.278	1.4475 –5	1.5947 –1	1.9916 –2
228 000	5.56346	7.25488	8.51756	297.997	1.4453	1.6262	1.9881
228 500	5.43654	7.10280	8.42781	297.715	1.4430	1.6584	1.9846
229 000	5.31230	6.95364	8.33885	297.433	1.4407	1.6913	1.9811
229 500	5.19067	6.80734	8.25066	297.151	1.4384	1.7249	1.9776
230 000	5.07161	6.66386	8.16325	296.869	1.4361	1.7593	1.9741
230 500	4.95507	6.52314	8.07660	296.586	1.4339	1.7944	1.9706
231 000	4.84099	6.38515	7.99071	296.303	1.4316	1.8302	1.9671
231 500	4.72934	6.24982	7.90558	296.020	1.4293	1.8669	1.9635
232 000	4.62005	6.11711	7.82120	295.736	1.4270	1.9043	1.9600
232 500	4.51310 –5	5.98699 –5	7.73756 –3	295.453	1.4247 –5	1.9426 –1	1.9565 –2
233 000	4.40843	5.85939	7.65467	295.169	1.4224	1.9817	1.9530
233 500	4.30600	5.73428	7.57250	294.884	1.4201	2.0217	1.9495
234 000	4.20576	5.61162	7.49107	294.600	1.4178	2.0625	1.9460
234 500	4.10767	5.49135	7.41036	294.315	1.4155	2.1043	1.9424
235 000	4.01169	5.37344	7.33038	294.030	1.4132	2.1470	1.9389
235 500	3.91778	5.25785	7.25110	293.745	1.4109	2.1906	1.9354
236 000	3.82592	5.14211	7.17085	293.529	1.4092	2.2371	1.9327
236 500	3.73609	5.02836	7.09109	293.325	1.4075	2.2851	1.9302
237 000	3.64825	4.91698	7.01212	293.121	1.4059	2.3341	1.9277
237 500	3.56236 –5	4.80793 –5	6.93392 –3	292.917	1.4042 –5	2.3842 –1	1.9252 –2
238 000	3.47838	4.70114	6.85649	292.712	1.4026	2.4355	1.9227
238 500	3.39627	4.59660	6.77982	292.508	1.4009	2.4880	1.9201
239 000	3.31599	4.49424	6.70391	292.303	1.3993	2.5417	1.9176
239 500	3.23751	4.39402	6.62874	292.098	1.3976	2.5966	1.9151
240 000	3.16078	4.29591	6.55432	291.893	1.3960	2.6527	1.9126
240 500	3.08576	4.19986	6.48063	291.688	1.3943	2.7102	1.9101
241 000	3.01243	4.10583	6.40768	291.483	1.3927	2.7690	1.9075
241 500	2.94075	4.01378	6.33544	291.277	1.3910	2.8291	1.9050
242 000	2.87068	3.92368	6.26393	291.072	1.3894	2.8906	1.9025
242 500	2.80218 –5	3.83547 –5	6.19312 –3	290.866	1.3877 –5	2.9536 –1	1.9000 –2
243 000	2.73523	3.74914	6.12302	290.660	1.3861	3.0180	1.8974
243 500	2.66979	3.66463	6.05362	290.454	1.3844	3.0839	1.8949
244 000	2.60583	3.58192	5.98491	290.248	1.3827	3.1513	1.8924
244 500	2.54331	3.50096	5.91689	290.042	1.3811	3.2203	1.8899
245 000	2.48222	3.42173	5.84956	289.835	1.3794	3.2909	1.8873
245 500	2.42251	3.34418	5.78289	289.629	1.3778	3.3632	1.8848
246 000	2.36415	3.26829	5.71690	289.422	1.3761	3.4371	1.8823
246 500	2.30713	3.19402	5.65157	289.216	1.3744	3.5128	1.8798
247 000	2.25140	3.12133	5.58689	289.009	1.3728	3.5902	1.8772
247 500	2.19695 –5	3.05021 –5	5.52287 –3	288.802	1.3711 –5	3.6695 –1	1.8747 –2
248 000	2.14374	2.98061	5.45950	288.594	1.3694	3.7506	1.8722
248 500	2.09175	2.91250	5.39676	288.387	1.3678	3.8336	1.8696
249 000	2.04094	2.84586	5.33466	288.180	1.3661	3.9186	1.8671
249 500	1.99131	2.78065	5.27319	287.972	1.3644	4.0056	1.8646
250 000	1.94281	2.71685	5.21234	287.764	1.3628	4.0947	1.8620
250 500	1.89543	2.65443	5.15212	287.556	1.3611	4.1858	1.8595
251 000	1.84914	2.59336	5.09250	287.348	1.3594	4.2791	1.8570
251 500	1.80392	2.53361	5.03350	287.140	1.3577	4.3747	1.8544
252 000	1.75975	2.47515	4.97509	286.932	1.3561	4.4724	1.8519

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
222 500	6.41334 –5	8.26627 –5	9.09190 –3	299.738	1.4593 –5	1.4411 –1	2.0098 –2
223 000	6.26556	8.09124	8.99513	299.452	1.4570	1.4700	2.0062
223 500	6.12092	7.91960	8.89921	299.165	1.4547	1.4995	2.0027
224 000	5.97935	7.75128	8.80414	298.878	1.4524	1.5296	1.9991
224 500	5.84079	7.58622	8.70989	298.591	1.4501	1.5604	1.9955
225 000	5.70519	7.42438	8.61648	298.304	1.4477	1.5918	1.9919
225 500	5.57248	7.26568	8.52390	298.017	1.4454	1.6240	1.9884
226 000	5.44261	7.11007	8.43212	297.729	1.4431	1.6568	1.9848
226 500	5.31552	6.95751	8.34117	297.441	1.4408	1.6904	1.9812
227 000	5.19116	6.80794	8.25102	297.152	1.4384	1.7248	1.9776
227 500	5.06948 –5	6.66130 –5	8.16168 –3	296.863	1.4361 –5	1.7599 –1	1.9740 –2
228 000	4.95043	6.51754	8.07313	296.574	1.4338	1.7958	1.9704
228 500	4.83394	6.37661	7.98537	296.285	1.4314	1.8325	1.9668
229 000	4.71998	6.23846	7.89839	295.996	1.4291	1.8700	1.9632
229 500	4.60848	6.10305	7.81220	295.706	1.4267	1.9084	1.9596
230 000	4.49941	5.97031	7.72678	295.416	1.4244	1.9476	1.9561
230 500	4.39272	5.84021	7.64213	295.125	1.4221	1.9877	1.9525
231 000	4.28835	5.71270	7.55824	294.835	1.4197	2.0287	1.9489
231 500	4.18626	5.58773	7.47511	294.544	1.4174	2.0707	1.9453
232 000	4.08641	5.46525	7.39273	294.252	1.4150	2.1136	1.9417
232 500	3.98875 –5	5.34522 –5	7.31110 –3	293.961	1.4127 –5	2.1574 –1	1.9381 –2
233 000	3.89324	5.22725	7.22997	293.679	1.4104	2.2026	1.9346
233 500	3.79986	5.10913	7.14782	293.471	1.4087	2.2508	1.9320
234 000	3.70859	4.99352	7.06648	293.262	1.4070	2.3002	1.9294
234 500	3.61939	4.88037	6.98596	293.053	1.4053	2.3507	1.9269
235 000	3.53222	4.76962	6.90624	292.844	1.4037	2.4024	1.9243
235 500	3.44702	4.66123	6.82732	292.635	1.4020	2.4553	1.9217
236 000	3.36376	4.55516	6.74919	292.425	1.4003	2.5094	1.9191
236 500	3.28239	4.45135	6.67184	292.216	1.3986	2.5649	1.9165
237 000	3.20289	4.34977	6.59528	292.006	1.3969	2.6216	1.9140
237 500	3.12519 –5	4.25036 –5	6.51948 –3	291.796	1.3952 –5	2.6797 –1	1.9114 –2
238 000	3.04928	4.15309	6.44445	291.586	1.3935	2.7391	1.9088
238 500	2.97510	4.05791	6.37017	291.376	1.3918	2.7999	1.9062
239 000	2.90262	3.96477	6.29664	291.166	1.3901	2.8622	1.9036
239 500	2.83181	3.87364	6.22386	290.955	1.3884	2.9260	1.9011
240 000	2.76263	3.78448	6.15181	290.745	1.3867	2.9913	1.8985
240 500	2.69504	3.69725	6.08050	290.534	1.3851	3.0581	1.8959
241 000	2.62901	3.61191	6.00992	290.323	1.3834	3.1265	1.8933
241 500	2.56450	3.52841	5.94004	290.112	1.3817	3.1966	1.8907
242 000	2.50149	3.44673	5.87089	289.901	1.3800	3.2683	1.8881
242 500	2.43994 –5	3.36683 –5	5.80244 –3	289.690	1.3783 –5	3.3417 –1	1.8856 –2
243 000	2.37981	3.28866	5.73468	289.478	1.3766	3.4169	1.8830
243 500	2.32108	3.21220	5.66763	289.267	1.3748	3.4939	1.8804
244 000	2.26372	3.13741	5.60126	289.055	1.3731	3.5728	1.8778
244 500	2.20770	3.06425	5.53557	288.843	1.3714	3.6536	1.8752
245 000	2.15298	2.99270	5.47056	288.631	1.3697	3.7363	1.8726
245 500	2.09954	2.92271	5.40621	288.418	1.3680	3.8210	1.8700
246 000	2.04735	2.85427	5.34254	288.206	1.3663	3.9077	1.8674
246 500	1.99638	2.78732	5.27951	287.993	1.3646	3.9965	1.8648
247 000	1.94661	2.72186	5.21714	287.781	1.3629	4.0875	1.8622
247 500	1.89801 –5	2.65783 –5	5.15541 –3	287.568	1.3612 –5	4.1807 –1	1.8596 –2
248 000	1.85056	2.59522	5.09433	287.355	1.3595	4.2762	1.8570
248 500	1.80422	2.53400	5.03389	287.142	1.3578	4.3740	1.8545
249 000	1.75898	2.47413	4.97406	286.928	1.3560	4.4742	1.8519
249 500	1.71481	2.41559	4.91487	286.715	1.3543	4.5768	1.8493
250 000	1.67168	2.35836	4.85629	286.501	1.3526	4.6820	1.8467
250 500	1.62957	2.30239	4.79832	286.287	1.3509	4.7897	1.8441
251 000	1.58847	2.24767	4.74096	286.073	1.3492	4.9000	1.8415
251 500	1.54834	2.19418	4.68421	285.859	1.3475	5.0131	1.8389
252 000	1.50917	2.14188	4.62804	285.645	1.3457	5.1289	1.8363

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
252 500	1.71659 –5	2.41797 –5	4.91729 –3	286.723	1.3544 –5	4.5726 –1	1.8494 –2
253 000	1.67444	2.36202	4.86006	286.515	1.3527	4.6751	1.8468
253 500	1.63326	2.30730	4.80344	286.306	1.3510	4.7800	1.8443
254 000	1.59304	2.25377	4.74739	286.097	1.3494	4.8875	1.8418
254 500	1.55376	2.20141	4.69192	285.888	1.3477	4.9975	1.8392
255 000	1.51539	2.15019	4.63701	285.679	1.3460	5.1102	1.8367
255 500	1.47792	2.10009	4.58267	285.470	1.3443	5.2255	1.8341
256 000	1.44132	2.05110	4.52891	285.260	1.3426	5.3437	1.8316
256 500	1.40558	2.00318	4.47569	285.051	1.3410	5.4646	1.8291
257 000	1.37067	1.95631	4.42302	284.841	1.3393	5.5885	1.8265
257 500	1.33659 –5	1.91047 –5	4.37089 –3	284.631	1.3376 –5	5.7154 –1	1.8240 –2
258 000	1.30330	1.86565	4.31932	284.421	1.3359	5.8454	1.8214
258 500	1.27080	1.82181	4.26827	284.211	1.3342	5.9785	1.8189
259 000	1.23906	1.77895	4.21776	284.000	1.3325	6.1148	1.8164
259 500	1.20807	1.73703	4.16777	283.790	1.3308	6.2544	1.8138
260 000	1.17782	1.69605	4.11831	283.579	1.3292	6.3974	1.8113
260 500	1.14828	1.65597	4.06936	283.369	1.3275	6.5439	1.8087
261 000	1.11944	1.61678	4.02092	283.158	1.3258	6.6940	1.8062
261 500	1.09128	1.57847	3.97300	282.947	1.3241	6.8477	1.8036
262 000	1.06379	1.54101	3.92557	282.735	1.3224	7.0052	1.8011
262 500	1.03696 –5	1.50439 –5	3.87865 –3	282.524	1.3207 –5	7.1665 –1	1.7985 –2

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	p/P_0	ρ/ρ_0	$\sqrt{\rho/\rho_0}$	*a* (m/s)	μ (Pa · s)	υ (m^2/s)	λ (W/(m · K))
252 500	1.47093 –5	2.09075 –5	4.57247 –3	285.430	1.3440 –5	5.2476 –1	1.8337 –2
253 000	1.43361	2.04077	4.51749	285.215	1.3423	5.3693	1.8311
253 500	1.39718	1.99191	4.46308	285.001	1.3406	5.4939	1.8285
254 000	1.36162	1.94414	4.40924	284.786	1.3388	5.6216	1.8259
254 500	1.32692	1.89746	4.35598	284.570	1.3371	5.7525	1.8232
255 000	1.29305	1.85183	4.30329	284.355	1.3354	5.8867	1.8206
255 500	1.25999	1.80722	4.25114	284.140	1.3337	6.0241	1.8180
256 000	1.22773	1.76363	4.19956	283.924	1.3319	6.1650	1.8154
256 500	1.19625	1.72102	4.14852	283.708	1.3302	6.3095	1.8128
257 000	1.16553	1.67938	4.09802	283.492	1.3285	6.4575	1.8102
257 500	1.13556 –5	1.63869 –5	4.04807 –3	283.276	1.3267 –5	6.6092 –1	1.8076 –2
258 000	1.10631	1.59893	3.99866	283.060	1.3250	6.7647	1.8050
258 500	1.07777	1.56007	3.94977	282.843	1.3233	6.9241	1.8024
259 000	1.04993	1.52209	3.90140	282.627	1.3215	7.0876	1.7998
259 500	1.02276	1.48499	3.85356	282.410	1.3198	7.2551	1.7972
260 000	9.96259 –6	1.44873	3.80622	282.193	1.3180	7.4269	1.7946
260 500	9.70403	1.41331	3.75940	281.976	1.3163	7.6030	1.7919
261 000	9.45181	1.37870	3.71308	281.759	1.3146	7.7835	1.7893
261 500	9.20576	1.34488	3.66726	281.541	1.3128	7.9687	1.7867
262 000	8.96576	1.31185	3.62195	281.324	1.3111	8.1585	1.7841
262 500	8.73165 –6	1.27957 –5	3.57711 –3	281.106	1.3093 –5	8.3531 –1	1.7815 –2

TABLE 6

Pressure scale height (H_p), specific weight (γ), number density (n), mean particle speed ($\bar{v}$),
collision frequency (ω) and mean free path (l) in terms of
geometrical altitude (h) and geopotential altitude (H)
(altitudes in feet)

TABLEAU 6

Altitude en échelle barométrique (H_p), poids spécifique (γ), concentration (n),
vitesse moyenne ($\bar{v}$), fréquence des chocs (ω) et libre parcours moyen (l)
en fonction de l'altitude géométrique (h) et de l'altitude géopotentielle (H)
(altitudes en pieds)

TABLA 6

Altitud en la escala de presión (H_p), peso específico (γ), densidad numérica (n), velocidad media
de las partículas ($\bar{v}$), frecuencia de colisión (ω) y camino libre medio (l) en función
de la altitud geométrica (h) y geopotencial (H)
(altitudes en pies)

ТАБЛИЦА 6

Высота однородной по давлению атмосферы (H_p), удельный вес (γ), концентрация частиц воздуха (n),
средняя скорость частиц воздуха ($\bar{v}$), частота соударений частиц воздуха (ω)
и средняя длина свободного пробега частиц воздуха (l)
в функции геометрической (h) и геопотенциальной (H) высот
(высоты в футах)

VALUES IN TERMS OF GEOMETRICAL ALTITUDE
VALEURS EN FONCTION DE L'ALTITUDE GÉOMÉTRIQUE
VALORES EN FUNCIÓN DE LA ALTITUD GEOMÉTRICA
ЗНАЧЕНИЯ ПАРАМЕТРОВ В ФУНКЦИИ ГЕОМЕТРИЧЕСКОЙ ВЫСОТЫ

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
h (фут)	H_p (м)	γ (Н/м^3)	n (м$^{-3}$)	$\bar{v}$ (м/с)	ω (с$^{-1}$)	l (м)

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE
VALEURS EN FONCTION DE L'ALTITUDE GÉOPOTENTIELLE
VALORES EN FUNCIÓN DE LA ALTITUD GEOPOTENCIAL
ЗНАЧЕНИЯ ПАРАМЕТРОВ В ФУНКЦИИ ГЕОПОТЕНЦИАЛЬНОЙ ВЫСОТЫ

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
H (фут)	H_p (м)	γ (Н/м^3)	n (м$^{-3}$)	$\bar{v}$ (м/с)	ω (с$^{-1}$)	l (м)

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
–16 500	9377.3	1.9016 +1	4.0255 +25	484.30	1.1539 +10	4.1969 –8
–16 250	9363.0	1.8891	3.9991	483.92	1.1455	4.2246
–16 000	9348.7	1.8766	3.9728	483.55	1.1371	4.2526
–15 750	9334.5	1.8642	3.9467	483.17	1.1287	4.2807
–15 500	9320.2	1.8519	3.9206	482.80	1.1204	4.3092
–15 250	9305.9	1.8396	3.8948	482.42	1.1121	4.3378
–15 000	9291.6	1.8274	3.8690	482.05	1.1039	4.3667
–14 750	9277.4	1.8152	3.8434	481.67	1.0958	4.3958
–14 500	9263.1	1.8031	3.8179	481.29	1.0876	4.4251
–14 250	9248.8	1.7911	3.7925	480.92	1.0796	4.4547
–14 000	9234.5	1.7792 +1	3.7673 +25	480.54	1.0715 +10	4.4846 –8
–13 800	9223.1	1.7696	3.7472	480.24	1.0652	4.5086
–13 600	9211.7	1.7601	3.7272	479.94	1.0588	4.5328
–13 400	9200.3	1.7507	3.7072	479.63	1.0525	4.5572
–13 200	9188.8	1.7413	3.6874	479.33	1.0462	4.5818
–13 000	9177.4	1.7319	3.6676	479.03	1.0399	4.6064
–12 800	9166.0	1.7226	3.6479	478.73	1.0337	4.6313
–12 600	9154.6	1.7133	3.6283	478.42	1.0275	4.6563
–12 400	9143.2	1.7041	3.6088	478.12	1.0213	4.6815
–12 200	9131.7	1.6948	3.5894	477.82	1.0151	4.7069
–12 000	9120.3	1.6857 +1	3.5700 +25	477.51	1.0090 +10	4.7324 –8
–11 800	9108.9	1.6765	3.5507	477.21	1.0029	4.7581
–11 600	9097.5	1.6674	3.5315	476.91	9.9688 +9	4.7840
–11 400	9086.0	1.6584	3.5124	476.60	9.9085	4.8100
–11 200	9074.6	1.6493	3.4933	476.30	9.8485	4.8362
–11 000	9063.2	1.6404	3.4744	475.99	9.7888	4.8626
–10 800	9051.8	1.6314	3.4555	475.69	9.7294	4.8892
–10 600	9040.3	1.6225	3.4367	475.38	9.6702	4.9160
–10 400	9028.9	1.6136	3.4180	475.08	9.6113	4.9429
–10 200	9017.5	1.6048	3.3993	474.77	9.5528	4.9700
–10 000	9006.1	1.5960 +1	3.3808 +25	474.47	9.4945 +9	4.9973 –8
–9 800	8994.6	1.5872	3.3623	474.16	9.4365	5.0248
–9 600	8983.2	1.5785	3.3439	473.86	9.3787	5.0525
–9 400	8971.8	1.5698	3.3255	473.55	9.3213	5.0803
–9 200	8960.4	1.5612	3.3073	473.24	9.2641	5.1084
–9 000	8948.9	1.5526	3.2891	472.94	9.2072	5.1366
–8 800	8937.5	1.5440	3.2710	472.63	9.1506	5.1650
–8 600	8926.1	1.5355	3.2529	472.32	9.0943	5.1936
–8 400	8914.7	1.5270	3.2350	472.02	9.0382	5.2225
–8 200	8903.2	1.5185	3.2171	471.71	8.9824	5.2515
–8 000	8891.8	1.5101 +1	3.1993 +25	471.40	8.9269 +9	5.2807 –8
–7 800	8880.4	1.5017	3.1816	471.09	8.8717	5.3101
–7 600	8868.9	1.4933	3.1640	470.79	8.8167	5.3397
–7 400	8857.5	1.4850	3.1464	470.48	8.7620	5.3695
–7 200	8846.1	1.4767	3.1289	470.17	8.7076	5.3996
–7 000	8834.7	1.4685	3.1115	469.86	8.6534	5.4298
–6 800	8823.2	1.4602	3.0941	469.55	8.5995	5.4603
–6 600	8811.8	1.4521	3.0768	469.25	8.5459	5.4909
–6 400	8800.4	1.4439	3.0596	468.94	8.4925	5.5218
–6 200	8788.9	1.4358	3.0425	468.63	8.4394	5.5529
–6 000	8777.5	1.4277 +1	3.0255 +25	468.32	8.3866 +9	5.5841 –8
–5 800	8766.1	1.4197	3.0085	468.01	8.3340	5.6157
–5 600	8754.6	1.4117	2.9916	467.70	8.2817	5.6474
–5 400	8743.2	1.4037	2.9748	467.39	8.2296	5.6793
–5 200	8731.8	1.3958	2.9580	467.08	8.1778	5.7115
–5 000	8720.4	1.3879	2.9413	466.77	8.1263	5.7439
–4 800	8708.9	1.3800	2.9247	466.46	8.0750	5.7765
–4 600	8697.5	1.3722	2.9082	466.15	8.0240	5.8094
–4 400	8686.1	1.3644	2.8917	465.84	7.9733	5.8425
–4 200	8674.6	1.3566	2.8753	465.53	7.9228	5.8758

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
–16 500	9376.5	1.9009 +1	4.0241 +25	484.28	1.1535 +10	4.1983 –8
–16 250	9362.3	1.8884	3.9978	483.90	1.1451	4.2260
–16 000	9348.0	1.8760	3.9715	483.53	1.1367	4.2539
–15 750	9333.8	1.8636	3.9454	483.16	1.1283	4.2821
–15 500	9319.5	1.8513	3.9194	482.78	1.1200	4.3105
–15 250	9305.3	1.8390	3.8936	482.41	1.1118	4.3391
–15 000	9291.0	1.8268	3.8679	482.03	1.1036	4.3679
–14 750	9276.8	1.8147	3.8423	481.65	1.0954	4.3970
–14 500	9262.5	1.8027	3.8168	481.28	1.0873	4.4263
–14 250	9248.3	1.7906	3.7915	480.90	1.0792	4.4559
–14 000	9234.0	1.7787 +1	3.7663 +25	480.53	1.0712 +10	4.4857 –8
–13 800	9222.6	1.7692	3.7463	480.22	1.0649	4.5097
–13 600	9211.2	1.7597	3.7263	479.92	1.0585	4.5339
–13 400	9199.8	1.7503	3.7064	479.62	1.0522	4.5583
–13 200	9188.4	1.7409	3.6866	479.32	1.0459	4.5828
–13 000	9177.0	1.7315	3.6668	479.02	1.0397	4.6074
–12 800	9165.6	1.7222	3.6472	478.71	1.0334	4.6323
–12 600	9154.1	1.7130	3.6276	478.41	1.0272	4.6573
–12 400	9142.7	1.7037	3.6081	478.11	1.0211	4.6824
–12 200	9131.3	1.6945	3.5887	477.81	1.0149	4.7078
–12 000	9119.9	1.6853 +1	3.5693 +25	477.50	1.0088 +10	4.7333 –8
–11 800	9108.5	1.6762	3.5501	477.20	1.0027	4.7590
–11 600	9097.1	1.6671	3.5309	476.90	9.9669 +9	4.7848
–11 400	9085.7	1.6581	3.5118	476.59	9.9066	4.8108
–11 200	9074.3	1.6491	3.4928	476.29	9.8467	4.8370
–11 000	9062.9	1.6401	3.4738	475.98	9.7871	4.8634
–10 800	9051.4	1.6312	3.4550	475.68	9.7277	4.8899
–10 600	9040.0	1.6223	3.4362	475.37	9.6686	4.9167
–10 400	9028.6	1.6134	3.4175	475.07	9.6098	4.9436
–10 200	9017.2	1.6046	3.3989	474.77	9.5513	4.9707
–10 000	9005.8	1.5958 +1	3.3803 +25	474.46	9.4931 +9	4.9980 –8
–9 800	8994.4	1.5870	3.3618	474.15	9.4351	5.0254
–9 600	8983.0	1.5783	3.3434	473.85	9.3775	5.0531
–9 400	8971.5	1.5697	3.3251	473.54	9.3201	5.0809
–9 200	8960.1	1.5610	3.3069	473.24	9.2630	5.1089
–9 000	8948.7	1.5524	3.2887	472.93	9.2061	5.1371
–8 800	8937.3	1.5438	3.2706	472.62	9.1496	5.1656
–8 600	8925.9	1.5353	3.2526	472.32	9.0933	5.1942
–8 400	8914.5	1.5268	3.2347	472.01	9.0373	5.2230
–8 200	8903.0	1.5184	3.2168	471.70	8.9815	5.2519
–8 000	8891.6	1.5099 +1	3.1991 +25	471.40	8.9261 +9	5.2811 –8
–7 800	8880.2	1.5015	3.1813	471.09	8.8709	5.3105
–7 600	8868.8	1.4932	3.1637	470.78	8.8159	5.3401
–7 400	8857.4	1.4849	3.1462	470.48	8.7613	5.3699
–7 200	8845.9	1.4766	3.1287	470.17	8.7069	5.4000
–7 000	8834.5	1.4684	3.1113	469.86	8.6528	5.4302
–6 800	8823.1	1.4601	3.0939	469.55	8.5989	5.4606
–6 600	8811.7	1.4520	3.0767	469.24	8.5453	5.4912
–6 400	8800.3	1.4438	3.0595	468.93	8.4920	5.5221
–6 200	8788.8	1.4357	3.0424	468.62	8.4389	5.5531
–6 000	8777.4	1.4277 +1	3.0253 +25	468.32	8.3861 +9	5.5844 –8
–5 800	8766.0	1.4196	3.0084	468.01	8.3336	5.6159
–5 600	8754.6	1.4116	2.9915	467.70	8.2813	5.6476
–5 400	8743.1	1.4037	2.9746	467.39	8.2293	5.6796
–5 200	8731.7	1.3957	2.9579	467.08	8.1775	5.7117
–5 000	8720.3	1.3878	2.9412	466.77	8.1260	5.7441
–4 800	8708.9	1.3800	2.9246	466.46	8.0748	5.7767
–4 600	8697.4	1.3721	2.9081	466.15	8.0238	5.8096
–4 400	8686.0	1.3644	2.8916	465.84	7.9730	5.8426
–4 200	8674.6	1.3566	2.8752	465.52	7.9225	5.8759

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
–4 000	8663.2	1.3489 +1	2.8590 +25	465.21	7.8725 +9	5.9094 –8
–3 800	8651.8	1.3412	2.8427	464.90	7.8225	5.9431
–3 600	8640.3	1.3335	2.8265	464.59	7.7728	5.9772
–3 400	8628.9	1.3259	2.8104	464.28	7.7233	6.0114
–3 200	8617.5	1.3183	2.7944	463.97	7.6740	6.0460
–3 000	8606.0	1.3108	2.7784	463.65	7.6250	6.0807
–2 800	8594.6	1.3032	2.7625	463.34	7.5763	6.1157
–2 600	8583.2	1.2957	2.7467	463.03	7.5278	6.1510
–2 400	8571.7	1.2883	2.7309	462.72	7.4795	6.1865
–2 200	8560.3	1.2809	2.7152	462.40	7.4315	6.2222
–2 000	8548.9	1.2735 +1	2.6996 +25	462.09	7.3837 +9	6.2582 –8
–1 800	8537.4	1.2661	2.6840	461.78	7.3362	6.2945
–1 600	8526.0	1.2588	2.6686	461.46	7.2889	6.3310
–1 400	8514.6	1.2515	2.6531	461.15	7.2419	6.3678
–1 200	8503.1	1.2442	2.6378	460.83	7.1951	6.4048
–1 000	8491.7	1.2370	2.6225	460.52	7.1485	6.4421
–800	8480.3	1.2298	2.6073	460.21	7.1022	6.4797
–600	8468.8	1.2226	2.5922	459.89	7.0562	6.5176
–400	8457.4	1.2155	2.5771	459.58	7.0103	6.5557
–200	8445.9	1.2084	2.5621	459.26	6.9647	6.5941
0	8434.5	1.2013 +1	2.5471 +25	458.94	6.9193 +9	6.6328 –8
200	8423.1	1.1943	2.5323	458.63	6.8742	6.6718
400	8411.6	1.1873	2.5175	458.31	6.8293	6.7110
600	8400.2	1.1803	2.5027	458.00	6.7846	6.7505
800	8388.8	1.1734	2.4880	457.68	6.7402	6.7903
1 000	8377.3	1.1664	2.4734	457.36	6.6960	6.8304
1 200	8365.9	1.1596	2.4589	457.05	6.6520	6.8708
1 400	8354.4	1.1527	2.4444	456.73	6.6083	6.9115
1 600	8343.0	1.1459	2.4300	456.41	6.5647	6.9525
1 800	8331.6	1.1391	2.4157	456.10	6.5215	6.9938
2 000	8320.1	1.1324 +1	2.4014 +25	455.78	6.4784 +9	7.0354 –8
2 200	8308.7	1.1256	2.3872	455.46	6.4356	7.0773
2 400	8297.3	1.1189	2.3730	455.14	6.3929	7.1195
2 600	8285.8	1.1123	2.3589	454.82	6.3506	7.1620
2 800	8274.4	1.1056	2.3449	454.51	6.3084	7.2048
3 000	8262.9	1.0990	2.3310	454.19	6.2664	7.2479
3 200	8251.5	1.0925	2.3171	453.87	6.2247	7.2914
3 400	8240.1	1.0859	2.3032	453.55	6.1832	7.3352
3 600	8228.6	1.0794	2.2895	453.23	6.1419	7.3793
3 800	8217.2	1.0729	2.2758	452.91	6.1009	7.4237
4 000	8205.7	1.0665 +1	2.2621 +25	452.59	6.0600 +9	7.4685 –8
4 200	8194.3	1.0601	2.2486	452.27	6.0194	7.5136
4 400	8182.8	1.0537	2.2350	451.95	5.9790	7.5590
4 600	8171.4	1.0473	2.2216	451.63	5.9388	7.6048
4 800	8160.0	1.0410	2.2082	451.31	5.8988	7.6509
5 000	8148.5	1.0347	2.1949	450.99	5.8590	7.6973
5 200	8137.1	1.0284	2.1816	450.67	5.8195	7.7441
5 400	8125.6	1.0222	2.1684	450.35	5.7801	7.7913
5 600	8114.2	1.0159	2.1553	450.02	5.7410	7.8388
5 800	8102.8	1.0098	2.1422	449.70	5.7021	7.8867
6 000	8091.3	1.0036 +1	2.1292 +25	449.38	5.6634 +9	7.9349 –8
6 200	8079.9	9.9748 +0	2.1162	449.06	5.6249	7.9835
6 400	8068.4	9.9138	2.1033	448.74	5.5866	8.0324
6 600	8057.0	9.8531	2.0905	448.41	5.5485	8.0817
6 800	8045.5	9.7927	2.0777	448.09	5.5106	8.1315
7 000	8034.1	9.7326	2.0650	447.77	5.4729	8.1815
7 200	8022.6	9.6727	2.0523	447.44	5.4354	8.2320
7 400	8011.2	9.6132	2.0397	447.12	5.3982	8.2828
7 600	7999.8	9.5539	2.0272	446.80	5.3611	8.3341
7 800	7988.3	9.4949	2.0147	446.47	5.3242	8.3857

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
–4 000	8663.2	1.3489 +1	2.8589 +25	465.21	7.8723 +9	5.9095 –8
–3 800	8651.7	1.3412	2.8427	464.90	7.8223	5.9433
–3 600	8640.3	1.3335	2.8265	464.59	7.7726	5.9773
–3 400	8628.9	1.3259	2.8104	464.28	7.7231	6.0115
–3 200	8617.4	1.3183	2.7943	463.97	7.6739	6.0460
–3 000	8606.0	1.3107	2.7784	463.65	7.6249	6.0808
–2 800	8594.6	1.3032	2.7625	463.34	7.5762	6.1158
–2 600	8583.1	1.2957	2.7466	463.03	7.5277	6.1510
–2 400	8571.7	1.2883	2.7309	462.72	7.4794	6.1865
–2 200	8560.3	1.2808	2.7152	462.40	7.4314	6.2222
–2 000	8548.9	1.2735 +1	2.6996 +25	462.09	7.3837 +9	6.2582 –8
–1 800	8537.4	1.2661	2.6840	461.78	7.3362	6.2945
–1 600	8526.0	1.2588	2.6686	461.46	7.2889	6.3310
–1 400	8514.6	1.2515	2.6531	461.15	7.2419	6.3678
–1 200	8503.1	1.2442	2.6378	460.83	7.1951	6.4048
–1 000	8491.7	1.2370	2.6225	460.52	7.1485	6.4422
–800	8480.3	1.2298	2.6073	460.21	7.1022	6.4797
–600	8468.8	1.2226	2.5922	459.89	7.0561	6.5176
–400	8457.4	1.2155	2.5771	459.58	7.0103	6.5557
–200	8445.9	1.2084	2.5621	459.26	6.9647	6.5941
0	8434.5	1.2013 +1	2.5471 +25	458.94	6.9193 +9	6.6328 –8
200	8423.1	1.1943	2.5323	458.63	6.8742	6.6718
400	8411.6	1.1873	2.5175	458.31	6.8293	6.7110
600	8400.2	1.1803	2.5027	458.00	6.7846	6.7505
800	8388.8	1.1734	2.4880	457.68	6.7402	6.7903
1 000	8377.3	1.1664	2.4734	457.36	6.6960	6.8304
1 200	8365.9	1.1596	2.4589	457.05	6.6520	6.8708
1 400	8354.4	1.1527	2.4444	456.73	6.6082	6.9115
1 600	8343.0	1.1459	2.4300	456.41	6.5647	6.9525
1 800	8331.6	1.1391	2.4157	456.10	6.5214	6.9938
2 000	8320.1	1.1323 +1	2.4014 +25	455.78	6.4784 +9	7.0354 –8
2 200	8308.7	1.1256	2.3872	455.46	6.4355	7.0773
2 400	8297.2	1.1189	2.3730	455.14	6.3929	7.1195
2 600	8285.8	1.1123	2.3589	454.82	6.3505	7.1620
2 800	8274.4	1.1056	2.3449	454.51	6.3083	7.2049
3 000	8262.9	1.0990	2.3309	454.19	6.2664	7.2480
3 200	8251.5	1.0925	2.3170	453.87	6.2246	7.2915
3 400	8240.0	1.0859	2.3032	453.55	6.1831	7.3353
3 600	8228.6	1.0794	2.2894	453.23	6.1418	7.3794
3 800	8217.1	1.0729	2.2757	452.91	6.1007	7.4239
4 000	8205.7	1.0665 +1	2.2621 +25	452.59	6.0599 +9	7.4686 –8
4 200	8194.2	1.0600	2.2485	452.27	6.0192	7.5137
4 400	8182.8	1.0536	2.2350	451.95	5.9788	7.5592
4 600	8171.3	1.0473	2.2215	451.63	5.9386	7.6050
4 800	8159.9	1.0409	2.2081	451.31	5.8986	7.6511
5 000	8148.5	1.0346	2.1948	450.99	5.8588	7.6976
5 200	8137.0	1.0284	2.1815	450.67	5.8192	7.7444
5 400	8125.6	1.0221	2.1683	450.34	5.7799	7.7916
5 600	8114.1	1.0159	2.1552	450.02	5.7407	7.8391
5 800	8102.7	1.0097	2.1421	449.70	5.7018	7.8870
6 000	8091.2	1.0036 +1	2.1291 +25	449.38	5.6630 +9	7.9353 –8
6 200	8079.8	9.9742 +0	2.1161	449.06	5.6245	7.9839
6 400	8068.3	9.9132	2.1032	448.73	5.5862	8.0329
6 600	8056.9	9.8525	2.0903	448.41	5.5481	8.0823
6 800	8045.4	9.7920	2.0776	448.09	5.5102	8.1320
7 000	8034.0	9.7319	2.0648	447.76	5.4725	8.1821
7 200	8022.5	9.6720	2.0522	447.44	5.4350	8.2326
7 400	8011.1	9.6124	2.0396	447.12	5.3977	8.2835
7 600	7999.6	9.5531	2.0270	446.79	5.3606	8.3348
7 800	7988.1	9.4940	2.0145	446.47	5.3237	8.3864

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
8 000	7976.9	9.4362 +0	2.0023 +25	446.15	5.2876 +9	8.4377 –8
8 200	7965.4	9.3777	1.9899	445.82	5.2511	8.4901
8 400	7954.0	9.3196	1.9776	445.50	5.2148	8.5429
8 600	7942.5	9.2617	1.9654	445.17	5.1788	8.5961
8 800	7931.1	9.2041	1.9532	444.85	5.1429	8.6498
9 000	7919.6	9.1468	1.9411	444.52	5.1072	8.7038
9 200	7908.2	9.0897	1.9290	444.20	5.0718	8.7583
9 400	7896.7	9.0330	1.9170	443.87	5.0365	8.8131
9 600	7885.3	8.9765	1.9050	443.55	5.0014	8.8684
9 800	7873.8	8.9202	1.8931	443.22	4.9665	8.9242
10 000	7862.4	8.8643 +0	1.8813 +25	442.89	4.9318 +9	8.9803 –8
10 200	7851.0	8.8086	1.8695	442.57	4.8973	9.0369
10 400	7839.5	8.7532	1.8578	442.24	4.8630	9.0940
10 600	7828.1	8.6980	1.8461	441.91	4.8289	9.1515
10 800	7816.6	8.6432	1.8345	441.59	4.7949	9.2094
11 000	7805.2	8.5885	1.8229	441.26	4.7612	9.2678
11 200	7793.7	8.5342	1.8114	440.93	4.7276	9.3266
11 400	7782.3	8.4801	1.8000	440.60	4.6943	9.3859
11 600	7770.8	8.4263	1.7886	440.27	4.6611	9.4457
11 800	7759.4	8.3727	1.7773	439.94	4.6281	9.5059
12 000	7747.9	8.3194 +0	1.7660 +25	439.62	4.5953 +9	9.5666 –8
12 200	7736.5	8.2664	1.7548	439.29	4.5627	9.6278
12 400	7725.0	8.2136	1.7436	438.96	4.5302	9.6895
12 600	7713.6	8.1611	1.7325	438.63	4.4980	9.7517
12 800	7702.1	8.1089	1.7214	438.30	4.4659	9.8143
13 000	7690.7	8.0569	1.7104	437.97	4.4340	9.8775
13 200	7679.2	8.0051	1.6995	437.64	4.4023	9.9411
13 400	7667.8	7.9537	1.6886	437.31	4.3708	1.0005 –7
13 600	7656.3	7.9024	1.6777	436.98	4.3394	1.0070
13 800	7644.9	7.8515	1.6669	436.64	4.3082	1.0135
14 000	7633.4	7.8007 +0	1.6562 +25	436.31	4.2772 +9	1.0201 –7
14 200	7621.9	7.7503	1.6455	435.98	4.2464	1.0267
14 400	7610.5	7.7001	1.6349	435.65	4.2158	1.0334
14 600	7599.0	7.6501	1.6243	435.32	4.1853	1.0401
14 800	7587.6	7.6004	1.6138	434.98	4.1550	1.0469
15 000	7576.1	7.5509	1.6033	434.65	4.1249	1.0537
15 200	7564.7	7.5017	1.5929	434.32	4.0950	1.0606
15 400	7553.2	7.4527	1.5825	433.99	4.0652	1.0676
15 600	7541.8	7.4040	1.5722	433.65	4.0356	1.0746
15 800	7530.3	7.3555	1.5620	433.32	4.0061	1.0816
16 000	7518.9	7.3073 +0	1.5517 +25	432.99	3.9769 +9	1.0888 –7
16 200	7507.4	7.2593	1.5416	432.65	3.9478	1.0959
16 400	7496.0	7.2115	1.5315	432.32	3.9189	1.1032
16 600	7484.5	7.1640	1.5214	431.98	3.8901	1.1105
16 800	7473.1	7.1168	1.5114	431.65	3.8615	1.1178
17 000	7461.6	7.0698	1.5014	431.31	3.8331	1.1252
17 200	7450.1	7.0230	1.4915	430.98	3.8049	1.1327
17 400	7438.7	6.9764	1.4817	430.64	3.7768	1.1402
17 600	7427.2	6.9301	1.4719	430.31	3.7488	1.1478
17 800	7415.8	6.8840	1.4621	429.97	3.7211	1.1555
18 000	7404.3	6.8382 +0	1.4524 +25	429.63	3.6935 +9	1.1632 –7
18 200	7392.9	6.7926	1.4427	429.30	3.6661	1.1710
18 400	7381.4	6.7472	1.4331	428.96	3.6388	1.1789
18 600	7369.9	6.7021	1.4236	428.62	3.6117	1.1868
18 800	7358.5	6.6572	1.4141	428.29	3.5847	1.1948
19 000	7347.0	6.6125	1.4046	427.95	3.5579	1.2028
19 200	7335.6	6.5681	1.3952	427.61	3.5313	1.2109
19 400	7324.1	6.5239	1.3858	427.27	3.5048	1.2191
19 600	7312.7	6.4799	1.3765	426.93	3.4785	1.2274
19 800	7301.2	6.4362	1.3672	426.59	3.4523	1.2357

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
8 000	7976.7	9.4353 +0	2.0021 +25	446.14	5.2870 +9	8.4385 –8
8 200	7965.2	9.3768	1.9897	445.82	5.2505	8.4910
8 400	7953.8	9.3186	1.9774	445.49	5.2142	8.5438
8 600	7942.3	9.2607	1.9652	445.17	5.1781	8.5971
8 800	7930.9	9.2031	1.9530	444.84	5.1422	8.6508
9 000	7919.4	9.1457	1.9408	444.52	5.1066	8.7049
9 200	7908.0	9.0886	1.9288	444.19	5.0710	8.7594
9 400	7896.5	9.0318	1.9167	443.87	5.0357	8.8143
9 600	7885.0	8.9752	1.9048	443.54	5.0006	8.8697
9 800	7873.6	8.9190	1.8929	443.21	4.9657	8.9255
10 000	7862.1	8.8629 +0	1.8810 +25	442.89	4.9310 +9	8.9817 –8
10 200	7850.7	8.8072	1.8692	442.56	4.8965	9.0384
10 400	7839.2	8.7517	1.8575	442.23	4.8621	9.0955
10 600	7827.7	8.6966	1.8458	441.90	4.8280	9.1530
10 800	7816.3	8.6416	1.8342	441.58	4.7940	9.2110
11 000	7804.8	8.5870	1.8226	441.25	4.7602	9.2695
11 200	7793.4	8.5326	1.8111	440.92	4.7266	9.3284
11 400	7781.9	8.4784	1.7996	440.59	4.6932	9.3878
11 600	7770.4	8.4246	1.7882	440.26	4.6600	9.4476
11 800	7759.0	8.3710	1.7769	439.93	4.6270	9.5079
12 000	7747.5	8.3176 +0	1.7656 +25	439.60	4.5942 +9	9.5687 –8
12 200	7736.1	8.2645	1.7544	439.27	4.5615	9.6300
12 400	7724.6	8.2117	1.7432	438.94	4.5290	9.6918
12 600	7713.1	8.1591	1.7321	438.61	4.4968	9.7540
12 800	7701.7	8.1068	1.7210	438.28	4.4646	9.8168
13 000	7690.2	8.0548	1.7100	437.95	4.4327	9.8800
13 200	7678.7	8.0030	1.6990	437.62	4.4010	9.9438
13 400	7667.3	7.9514	1.6881	437.29	4.3694	1.0008 –7
13 600	7655.8	7.9002	1.6773	436.96	4.3380	1.0073
13 800	7644.3	7.8491	1.6665	436.63	4.3068	1.0138
14 000	7632.9	7.7984 +0	1.6557 +25	436.30	4.2758 +9	1.0204 –7
14 200	7621.4	7.7478	1.6450	435.97	4.2449	1.0270
14 400	7609.9	7.6976	1.6344	435.63	4.2143	1.0337
14 600	7598.5	7.6475	1.6238	435.30	4.1838	1.0405
14 800	7587.0	7.5978	1.6132	434.97	4.1534	1.0472
15 000	7575.5	7.5482	1.6028	434.63	4.1233	1.0541
15 200	7564.1	7.4990	1.5923	434.30	4.0933	1.0610
15 400	7552.6	7.4499	1.5819	433.97	4.0635	1.0680
15 600	7541.1	7.4012	1.5716	433.63	4.0339	1.0750
15 800	7529.6	7.3526	1.5613	433.30	4.0044	1.0821
16 000	7518.2	7.3043 +0	1.5511 +25	432.97	3.9751 +9	1.0892 –7
16 200	7506.7	7.2563	1.5409	432.63	3.9460	1.0964
16 400	7495.2	7.2085	1.5308	432.30	3.9170	1.1036
16 600	7483.7	7.1609	1.5207	431.96	3.8882	1.1109
16 800	7472.3	7.1136	1.5107	431.63	3.8596	1.1183
17 000	7460.8	7.0665	1.5008	431.29	3.8311	1.1257
17 200	7449.3	7.0197	1.4908	430.95	3.8029	1.1332
17 400	7437.9	6.9730	1.4810	430.62	3.7747	1.1408
17 600	7426.4	6.9267	1.4711	430.28	3.7468	1.1484
17 800	7414.9	6.8805	1.4614	429.94	3.7190	1.1561
18 000	7403.4	6.8346 +0	1.4517 +25	429.61	3.6913 +9	1.1638 –7
18 200	7391.9	6.7890	1.4420	429.27	3.6639	1.1716
18 400	7380.5	6.7436	1.4324	428.93	3.6366	1.1795
18 600	7369.0	6.6984	1.4228	428.59	3.6094	1.1874
18 800	7357.5	6.6534	1.4133	428.26	3.5824	1.1954
19 000	7346.0	6.6087	1.4038	427.92	3.5556	1.2035
19 200	7334.6	6.5642	1.3944	427.58	3.5289	1.2116
19 400	7323.1	6.5199	1.3850	427.24	3.5024	1.2198
19 600	7311.6	6.4759	1.3757	426.90	3.4761	1.2281
19 800	7300.1	6.4321	1.3664	426.56	3.4499	1.2365

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
20 000	7289.7	6.3926 +0	1.3580 +25	426.26	3.4263 +9	1.2441 –7
20 200	7278.3	6.3493	1.3489	425.92	3.4005	1.2525
20 400	7266.8	6.3063	1.3397	425.58	3.3748	1.2610
20 600	7255.4	6.2634	1.3307	425.24	3.3492	1.2697
20 800	7243.9	6.2208	1.3216	424.90	3.3239	1.2783
21 000	7232.4	6.1784	1.3126	424.56	3.2986	1.2871
21 200	7221.0	6.1362	1.3037	424.22	3.2735	1.2959
21 400	7209.5	6.0943	1.2948	423.88	3.2486	1.3048
21 600	7198.1	6.0525	1.2860	423.53	3.2238	1.3138
21 800	7186.6	6.0110	1.2772	423.19	3.1992	1.3228
22 000	7175.1	5.9697 +0	1.2684 +25	422.85	3.1747 +9	1.3319 –7
22 200	7163.7	5.9287	1.2597	422.51	3.1504	1.3411
22 400	7152.2	5.8878	1.2511	422.17	3.1262	1.3504
22 600	7140.8	5.8472	1.2425	421.82	3.1022	1.3598
22 800	7129.3	5.8067	1.2339	421.48	3.0783	1.3692
23 000	7117.8	5.7665	1.2254	421.14	3.0545	1.3787
23 200	7106.4	5.7265	1.2169	420.80	3.0309	1.3883
23 400	7094.9	5.6868	1.2085	420.45	3.0075	1.3980
23 600	7083.4	5.6472	1.2001	420.11	2.9842	1.4078
23 800	7072.0	5.6078	1.1917	419.76	2.9610	1.4176
24 000	7060.5	5.5687 +0	1.1834 +25	419.42	2.9380 +9	1.4276 –7
24 200	7049.1	5.5298	1.1752	419.08	2.9151	1.4376
24 400	7037.6	5.4910	1.1670	418.73	2.8924	1.4477
24 600	7026.1	5.4525	1.1588	418.39	2.8698	1.4579
24 800	7014.7	5.4142	1.1507	418.04	2.8473	1.4682
25 000	7003.2	5.3761	1.1426	417.69	2.8250	1.4786
25 200	6991.7	5.3382	1.1346	417.35	2.8028	1.4890
25 400	6980.3	5.3005	1.1266	417.00	2.7807	1.4996
25 600	6968.8	5.2631	1.1187	416.66	2.7588	1.5103
25 800	6957.3	5.2258	1.1108	416.31	2.7371	1.5210
26 000	6945.9	5.1887 +0	1.1029 +25	415.96	2.7154 +9	1.5318 –7
26 200	6934.4	5.1518	1.0951	415.61	2.6939	1.5428
26 400	6922.9	5.1152	1.0873	415.27	2.6726	1.5538
26 600	6911.5	5.0787	1.0796	414.92	2.6514	1.5649
26 800	6900.0	5.0424	1.0719	414.57	2.6303	1.5762
27 000	6888.5	5.0063	1.0642	414.22	2.6093	1.5875
27 200	6877.1	4.9705	1.0566	413.87	2.5885	1.5989
27 400	6865.6	4.9348	1.0491	413.52	2.5678	1.6104
27 600	6854.1	4.8993	1.0416	413.17	2.5472	1.6221
27 800	6842.7	4.8640	1.0341	412.82	2.5268	1.6338
28 000	6831.2	4.8290 +0	1.0266 +25	412.47	2.5065 +9	1.6456 –7
28 200	6819.7	4.7941	1.0192	412.12	2.4863	1.6576
28 400	6808.3	4.7594	1.0119	411.77	2.4663	1.6696
28 600	6796.8	4.7249	1.0046	411.42	2.4463	1.6818
28 800	6785.3	4.6906	9.9729 +24	411.07	2.4265	1.6941
29 000	6773.9	4.6565	9.9005	410.72	2.4069	1.7064
29 200	6762.4	4.6225	9.8286	410.37	2.3873	1.7189
29 400	6750.9	4.5888	9.7571	410.02	2.3679	1.7315
29 600	6739.5	4.5552	9.6859	409.66	2.3487	1.7443
29 800	6728.0	4.5219	9.6152	409.31	2.3295	1.7571
30 000	6716.5	4.4887 +0	9.5448 +24	408.96	2.3105 +9	1.7700 –7
30 200	6705.1	4.4557	9.4749	408.60	2.2915	1.7831
30 400	6693.6	4.4229	9.4053	408.25	2.2727	1.7963
30 600	6682.1	4.3903	9.3362	407.90	2.2541	1.8096
30 800	6670.6	4.3579	9.2674	407.54	2.2355	1.8230
31 000	6659.2	4.3257	9.1990	407.19	2.2171	1.8366
31 200	6647.7	4.2936	9.1310	406.83	2.1988	1.8503
31 400	6636.2	4.2617	9.0634	406.48	2.1806	1.8641
31 600	6624.8	4.2301	8.9962	406.12	2.1626	1.8780
31 800	6613.3	4.1985	8.9293	405.77	2.1446	1.8920

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
20 000	7288.6	6.3885 +0	1.3571 +25	426.22	3.4238 +9	1.2449 –7
20 200	7277.2	6.3451	1.3480	425.88	3.3980	1.2534
20 400	7265.7	6.3020	1.3388	425.54	3.3722	1.2619
20 600	7254.2	6.2591	1.3297	425.20	3.3467	1.2705
20 800	7242.7	6.2164	1.3207	424.86	3.3212	1.2792
21 000	7231.2	6.1739	1.3117	424.52	3.2960	1.2880
21 200	7219.7	6.1317	1.3027	424.18	3.2708	1.2968
21 400	7208.3	6.0897	1.2938	423.84	3.2459	1.3058
21 600	7196.8	6.0479	1.2850	423.50	3.2211	1.3148
21 800	7185.3	6.0063	1.2762	423.15	3.1964	1.3238
22 000	7173.8	5.9650 +0	1.2674 +25	422.81	3.1719 +9	1.3330 –7
22 200	7162.3	5.9238	1.2587	422.47	3.1475	1.3422
22 400	7150.8	5.8829	1.2500	422.13	3.1233	1.3515
22 600	7139.4	5.8422	1.2414	421.78	3.0992	1.3609
22 800	7127.9	5.8017	1.2328	421.44	3.0753	1.3704
23 000	7116.4	5.7614	1.2243	421.10	3.0515	1.3799
23 200	7104.9	5.7214	1.2158	420.75	3.0279	1.3896
23 400	7093.4	5.6815	1.2074	420.41	3.0044	1.3993
23 600	7081.9	5.6419	1.1990	420.06	2.9811	1.4091
23 800	7070.4	5.6025	1.1906	419.72	2.9579	1.4190
24 000	7058.9	5.5633 +0	1.1823 +25	419.37	2.9348 +9	1.4290 –7
24 200	7047.4	5.5243	1.1740	419.03	2.9119	1.4390
24 400	7036.0	5.4855	1.1658	418.68	2.8891	1.4492
24 600	7024.5	5.4469	1.1576	418.34	2.8665	1.4594
24 800	7013.0	5.4086	1.1495	417.99	2.8440	1.4697
25 000	7001.5	5.3704	1.1414	417.64	2.8216	1.4801
25 200	6990.0	5.3325	1.1334	417.30	2.7994	1.4906
25 400	6978.5	5.2947	1.1254	416.95	2.7773	1.5012
25 600	6967.0	5.2572	1.1174	416.60	2.7554	1.5119
25 800	6955.5	5.2198	1.1095	416.25	2.7336	1.5227
26 000	6944.0	5.1827 +0	1.1016 +25	415.90	2.7119 +9	1.5336 –7
26 200	6932.5	5.1458	1.0938	415.56	2.6904	1.5446
26 400	6921.0	5.1090	1.0860	415.21	2.6690	1.5557
26 600	6909.5	5.0725	1.0783	414.86	2.6478	1.5668
26 800	6898.0	5.0362	1.0706	414.51	2.6266	1.5781
27 000	6886.5	5.0001	1.0629	414.16	2.6056	1.5895
27 200	6875.0	4.9641	1.0553	413.81	2.5848	1.6009
27 400	6863.5	4.9284	1.0477	413.46	2.5641	1.6125
27 600	6852.0	4.8929	1.0402	413.11	2.5435	1.6242
27 800	6840.6	4.8575	1.0327	412.76	2.5230	1.6360
28 000	6829.1	4.8224 +0	1.0252 +25	412.41	2.5027 +9	1.6479 –7
28 200	6817.6	4.7874	1.0178	412.06	2.4825	1.6599
28 400	6806.1	4.7527	1.0105	411.71	2.4624	1.6720
28 600	6794.6	4.7181	1.0031	411.35	2.4424	1.6842
28 800	6783.1	4.6838	9.9584 +24	411.00	2.4226	1.6965
29 000	6771.6	4.6496	9.8860	410.65	2.4029	1.7090
29 200	6760.1	4.6156	9.8139	410.30	2.3834	1.7215
29 400	6748.6	4.5818	9.7423	409.94	2.3639	1.7342
29 600	6737.1	4.5482	9.6710	409.59	2.3446	1.7469
29 800	6725.5	4.5148	9.6001	409.24	2.3254	1.7598
30 000	6714.0	4.4816 +0	9.5297 +24	408.88	2.3064 +9	1.7728 –7
30 200	6702.5	4.4485	9.4596	408.53	2.2874	1.7860
30 400	6691.0	4.4157	9.3899	408.17	2.2686	1.7992
30 600	6679.5	4.3830	9.3207	407.82	2.2499	1.8126
30 800	6668.0	4.3506	9.2518	407.46	2.2313	1.8261
31 000	6656.5	4.3183	9.1833	407.11	2.2129	1.8397
31 200	6645.0	4.2862	9.1152	406.75	2.1945	1.8535
31 400	6633.5	4.2542	9.0474	406.39	2.1763	1.8673
31 600	6622.0	4.2225	8.9801	406.04	2.1582	1.8813
31 800	6610.5	4.1909	8.9132	405.68	2.1403	1.8955

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
32 000	6601.8	4.1672 +0	8.8629 +24	405.41	2.1268 +9	1.9062 –7
32 200	6590.3	4.1361	8.7968	405.06	2.1091	1.9205
32 400	6578.9	4.1051	8.7311	404.70	2.0915	1.9350
32 600	6567.4	4.0743	8.6658	404.34	2.0740	1.9496
32 800	6555.9	4.0437	8.6008	403.98	2.0566	1.9643
33 000	6544.5	4.0133	8.5363	403.63	2.0394	1.9792
33 200	6533.0	3.9830	8.4721	403.27	2.0223	1.9942
33 400	6521.5	3.9529	8.4082	402.91	2.0052	2.0093
33 600	6510.0	3.9230	8.3448	402.55	1.9883	2.0246
33 800	6498.6	3.8933	8.2817	402.19	1.9715	2.0400
34 000	6487.1	3.8637 +0	8.2190 +24	401.83	1.9549 +9	2.0556 –7
34 200	6475.6	3.8343	8.1566	401.48	1.9383	2.0713
34 400	6464.1	3.8051	8.0946	401.12	1.9218	2.0871
34 600	6452.7	3.7761	8.0330	400.76	1.9055	2.1032
34 800	6441.2	3.7472	7.9717	400.40	1.8893	2.1193
35 000	6429.7	3.7185	7.9108	400.03	1.8731	2.1356
35 200	6418.2	3.6900	7.8502	399.67	1.8571	2.1521
35 400	6406.8	3.6616	7.7901	399.31	1.8412	2.1687
35 600	6395.3	3.6334	7.7302	398.95	1.8254	2.1855
35 800	6383.8	3.6054	7.6707	398.59	1.8097	2.2025
36 000	6372.3	3.5775 +0	7.6116 +24	398.23	1.7941 +9	2.2196 –7
36 200	6363.6	3.5483	7.5495	397.95	1.7783	2.2379
36 400	6363.8	3.5144	7.4775	397.95	1.7613	2.2594
36 600	6363.9	3.4808	7.4062	397.95	1.7445	2.2811
36 800	6364.0	3.4475	7.3356	397.95	1.7279	2.3031
37 000	6364.1	3.4146	7.2657	397.95	1.7114	2.3253
37 200	6364.3	3.3820	7.1964	397.95	1.6951	2.3476
37 400	6364.4	3.3497	7.1278	397.95	1.6790	2.3702
37 600	6364.5	3.3177	7.0599	397.95	1.6629	2.3931
37 800	6364.6	3.2860	6.9926	397.95	1.6471	2.4161
38 000	6364.7	3.2546 +0	6.9259 +24	397.95	1.6314 +9	2.4393 –7
38 200	6364.9	3.2235	6.8599	397.95	1.6158	2.4628
38 400	6365.0	3.1927	6.7945	397.95	1.6004	2.4865
38 600	6365.1	3.1623	6.7298	397.95	1.5852	2.5104
38 800	6365.2	3.1321	6.6656	397.95	1.5701	2.5346
39 000	6365.4	3.1021	6.6021	397.95	1.5551	2.5590
39 200	6365.5	3.0725	6.5392	397.95	1.5403	2.5836
39 400	6365.6	3.0432	6.4768	397.95	1.5256	2.6085
39 600	6365.7	3.0141	6.4151	397.95	1.5111	2.6336
39 800	6365.8	2.9853	6.3540	397.95	1.4967	2.6589
40 000	6366.0	2.9568 +0	6.2934 +24	397.95	1.4824 +9	2.6845 –7
40 200	6366.1	2.9286	6.2334	397.95	1.4683	2.7103
40 400	6366.2	2.9006	6.1740	397.95	1.4543	2.7364
40 600	6366.3	2.8729	6.1152	397.95	1.4404	2.7627
40 800	6366.5	2.8455	6.0569	397.95	1.4267	2.7893
41 000	6366.6	2.8183	5.9992	397.95	1.4131	2.8162
41 200	6366.7	2.7914	5.9420	397.95	1.3996	2.8432
41 400	6366.8	2.7648	5.8854	397.95	1.3863	2.8706
41 600	6366.9	2.7384	5.8293	397.95	1.3731	2.8982
41 800	6367.1	2.7122	5.7738	397.95	1.3600	2.9261
42 000	6367.2	2.6863 +0	5.7188 +24	397.95	1.3470 +9	2.9542 –7
42 200	6367.3	2.6607	5.6643	397.95	1.3342	2.9827
42 400	6367.4	2.6353	5.6103	397.95	1.3215	3.0114
42 600	6367.5	2.6101	5.5569	397.95	1.3089	3.0403
42 800	6367.7	2.5852	5.5039	397.95	1.2964	3.0696
43 000	6367.8	2.5605	5.4515	397.95	1.2841	3.0991
43 200	6367.9	2.5361	5.3995	397.95	1.2719	3.1289
43 400	6368.0	2.5119	5.3481	397.95	1.2597	3.1590
43 600	6368.2	2.4879	5.2971	397.95	1.2477	3.1894
43 800	6368.3	2.4641	5.2467	397.95	1.2358	3.2201

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
32 000	6599.0	4.1595 +0	8.8466 +24	405.32	2.1224 +9	1.9097 –7
32 200	6587.5	4.1283	8.7804	404.97	2.1047	1.9241
32 400	6576.0	4.0973	8.7146	404.61	2.0871	1.9387
32 600	6564.5	4.0665	8.6492	404.25	2.0696	1.9533
32 800	6553.0	4.0358	8.5841	403.89	2.0522	1.9681
33 000	6541.5	4.0053	8.5194	403.53	2.0349	1.9831
33 200	6529.9	3.9750	8.4551	403.17	2.0177	1.9982
33 400	6518.4	3.9449	8.3912	402.82	2.0007	2.0134
33 600	6506.9	3.9149	8.3276	402.46	1.9838	2.0287
33 800	6495.4	3.8852	8.2644	402.10	1.9670	2.0443
34 000	6483.9	3.8555 +0	8.2016 +24	401.74	1.9502 +9	2.0599 –7
34 200	6472.4	3.8261	8.1392	401.37	1.9337	2.0757
34 400	6460.9	3.7968	8.0771	401.01	1.9172	2.0917
34 600	6449.4	3.7678	8.0153	400.65	1.9008	2.1078
34 800	6437.8	3.7388	7.9540	400.29	1.8846	2.1241
35 000	6426.3	3.7101	7.8930	399.93	1.8684	2.1405
35 200	6414.8	3.6815	7.8323	399.57	1.8524	2.1570
35 400	6403.3	3.6531	7.7720	399.20	1.8364	2.1738
35 600	6391.8	3.6249	7.7121	398.84	1.8206	2.1907
35 800	6380.3	3.5968	7.6525	398.48	1.8049	2.2077
36 000	6368.8	3.5689 +0	7.5932 +24	398.11	1.7893 +9	2.2250 –7
36 200	6363.7	3.5375	7.5268	397.95	1.7729	2.2446
36 400	6363.8	3.5036	7.4548	397.95	1.7560	2.2663
36 600	6363.9	3.4701	7.3834	397.95	1.7392	2.2882
36 800	6364.1	3.4368	7.3128	397.95	1.7225	2.3103
37 000	6364.2	3.4038	7.2428	397.95	1.7060	2.3326
37 200	6364.3	3.3712	7.1736	397.95	1.6897	2.3551
37 400	6364.4	3.3389	7.1049	397.95	1.6736	2.3779
37 600	6364.5	3.3069	7.0370	397.95	1.6575	2.4008
37 800	6364.7	3.2752	6.9696	397.95	1.6417	2.4240
38 000	6364.8	3.2438 +0	6.9030 +24	397.95	1.6260 +9	2.4475 –7
38 200	6364.9	3.2127	6.8369	397.95	1.6104	2.4711
38 400	6365.0	3.1819	6.7715	397.95	1.5950	2.4950
38 600	6365.2	3.1514	6.7067	397.95	1.5798	2.5191
38 800	6365.3	3.1212	6.6426	397.95	1.5647	2.5434
39 000	6365.4	3.0913	6.5790	397.95	1.5497	2.5680
39 200	6365.5	3.0617	6.5161	397.95	1.5349	2.5928
39 400	6365.6	3.0323	6.4537	397.95	1.5202	2.6178
39 600	6365.8	3.0032	6.3920	397.95	1.5056	2.6431
39 800	6365.9	2.9745	6.3309	397.95	1.4912	2.6686
40 000	6366.0	2.9459 +0	6.2703 +24	397.95	1.4770 +9	2.6944 –7
40 200	6366.1	2.9177	6.2103	397.95	1.4628	2.7204
40 400	6366.3	2.8897	6.1509	397.95	1.4488	2.7467
40 600	6366.4	2.8620	6.0921	397.95	1.4350	2.7732
40 800	6366.5	2.8346	6.0338	397.95	1.4212	2.8000
41 000	6366.6	2.8074	5.9760	397.95	1.4077	2.8271
41 200	6366.7	2.7805	5.9189	397.95	1.3942	2.8544
41 400	6366.9	2.7539	5.8623	397.95	1.3808	2.8819
41 600	6367.0	2.7275	5.8062	397.95	1.3676	2.9098
41 800	6367.1	2.7013	5.7506	397.95	1.3546	2.9379
42 000	6367.2	2.6754 +0	5.6956 +24	397.95	1.3416 +9	2.9663 –7
42 200	6367.4	2.6498	5.6411	397.95	1.3288	2.9949
42 400	6367.5	2.6244	5.5872	397.95	1.3160	3.0238
42 600	6367.6	2.5992	5.5337	397.95	1.3035	3.0530
42 800	6367.7	2.5743	5.4808	397.95	1.2910	3.0825
43 000	6367.8	2.5496	5.4283	397.95	1.2786	3.1123
43 200	6368.0	2.5252	5.3764	397.95	1.2664	3.1424
43 400	6368.1	2.5010	5.3250	397.95	1.2543	3.1727
43 600	6368.2	2.4770	5.2740	397.95	1.2423	3.2034
43 800	6368.3	2.4533	5.2236	397.95	1.2304	3.2343

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
44 000	6368.4	2.4406 +0	5.1967 +24	397.95	1.2241 +9	3.2510 –7
44 200	6368.5	2.4173	5.1472	397.95	1.2124	3.2823
44 400	6368.6	2.3942	5.0981	397.95	1.2009	3.3139
44 600	6368.8	2.3714	5.0496	397.95	1.1894	3.3458
44 800	6368.9	2.3488	5.0015	397.95	1.1781	3.3779
45 000	6369.0	2.3263	4.9538	397.95	1.1669	3.4104
45 200	6369.1	2.3041	4.9066	397.95	1.1558	3.4432
45 400	6369.3	2.2821	4.8599	397.95	1.1447	3.4763
45 600	6369.4	2.2604	4.8136	397.95	1.1338	3.5098
45 800	6369.5	2.2388	4.7678	397.95	1.1230	3.5435
46 000	6369.6	2.2174 +0	4.7224 +24	397.95	1.1123 +9	3.5776 –7
46 200	6369.7	2.1963	4.6774	397.95	1.1018	3.6120
46 400	6369.9	2.1753	4.6328	397.95	1.0913	3.6467
46 600	6370.0	2.1545	4.5887	397.95	1.0809	3.6818
46 800	6370.1	2.1340	4.5450	397.95	1.0706	3.7172
47 000	6370.2	2.1136	4.5017	397.95	1.0604	3.7529
47 200	6370.4	2.0934	4.4588	397.95	1.0503	3.7890
47 400	6370.5	2.0735	4.4164	397.95	1.0403	3.8255
47 600	6370.6	2.0537	4.3743	397.95	1.0304	3.8622
47 800	6370.7	2.0341	4.3327	397.95	1.0206	3.8994
48 000	6370.8	2.0147 +0	4.2914 +24	397.95	1.0108 +9	3.9369 –7
48 200	6371.0	1.9955	4.2505	397.95	1.0012	3.9747
48 400	6371.1	1.9764	4.2101	397.95	9.9167 +8	4.0129
48 600	6371.2	1.9576	4.1700	397.95	9.8223	4.0515
48 800	6371.3	1.9389	4.1303	397.95	9.7288	4.0905
49 000	6371.4	1.9204	4.0909	397.95	9.6361	4.1298
49 200	6371.6	1.9021	4.0520	397.95	9.5444	4.1695
49 400	6371.7	1.8839	4.0134	397.95	9.4535	4.2096
49 600	6371.8	1.8659	3.9752	397.95	9.3635	4.2500
49 800	6371.9	1.8481	3.9373	397.95	9.2743	4.2909
50 000	6372.1	1.8305 +0	3.8998 +24	397.95	9.1860 +8	4.3321 –7
50 200	6372.2	1.8130	3.8627	397.95	9.0986	4.3738
50 400	6372.3	1.7957	3.8259	397.95	9.0119	4.4158
50 600	6372.4	1.7786	3.7895	397.95	8.9261	4.4583
50 800	6372.5	1.7616	3.7534	397.95	8.8412	4.5011
51 000	6372.7	1.7448	3.7177	397.95	8.7570	4.5444
51 200	6372.8	1.7282	3.6823	397.95	8.6736	4.5881
51 400	6372.9	1.7117	3.6472	397.95	8.5911	4.6322
51 600	6373.0	1.6954	3.6125	397.95	8.5093	4.6767
51 800	6373.2	1.6792	3.5781	397.95	8.4283	4.7216
52 000	6373.3	1.6632 +0	3.5441 +24	397.95	8.3480 +8	4.7670 –7
52 200	6373.4	1.6473	3.5103	397.95	8.2686	4.8128
52 400	6373.5	1.6316	3.4769	397.95	8.1899	4.8591
52 600	6373.6	1.6161	3.4438	397.95	8.1119	4.9058
52 800	6373.8	1.6006	3.4110	397.95	8.0347	4.9529
53 000	6373.9	1.5854	3.3786	397.95	7.9582	5.0005
53 200	6374.0	1.5703	3.3464	397.95	7.8825	5.0486
53 400	6374.1	1.5553	3.3146	397.95	7.8074	5.0971
53 600	6374.3	1.5405	3.2830	397.95	7.7331	5.1461
53 800	6374.4	1.5258	3.2518	397.95	7.6595	5.1955
54 000	6374.5	1.5112 +0	3.2208 +24	397.95	7.5866 +8	5.2454 –7
54 200	6374.6	1.4968	3.1902	397.95	7.5144	5.2958
54 400	6374.7	1.4825	3.1598	397.95	7.4429	5.3467
54 600	6374.9	1.4684	3.1297	397.95	7.3721	5.3981
54 800	6375.0	1.4544	3.1000	397.95	7.3019	5.4500
55 000	6375.1	1.4405	3.0704	397.95	7.2324	5.5023
55 200	6375.2	1.4268	3.0412	397.95	7.1636	5.5552
55 400	6375.4	1.4132	3.0123	397.95	7.0954	5.6086
55 600	6375.5	1.3997	2.9836	397.95	7.0279	5.6625
55 800	6375.6	1.3864	2.9552	397.95	6.9610	5.7169

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
44 000	6368.5	2.4298 +0	5.1736 +24	397.95	1.2186 +9	3.2656 –7
44 200	6368.6	2.4065	5.1241	397.95	1.2070	3.2971
44 400	6368.7	2.3834	5.0751	397.95	1.1954	3.3289
44 600	6368.8	2.3605	5.0265	397.95	1.1840	3.3611
44 800	6368.9	2.3379	4.9784	397.95	1.1727	3.3936
45 000	6369.1	2.3155	4.9308	397.95	1.1614	3.4263
45 200	6369.2	2.2933	4.8837	397.95	1.1503	3.4594
45 400	6369.3	2.2713	4.8369	397.95	1.1393	3.4928
45 600	6369.4	2.2496	4.7907	397.95	1.1284	3.5266
45 800	6369.6	2.2280	4.7448	397.95	1.1176	3.5606
46 000	6369.7	2.2066 +0	4.6994 +24	397.95	1.1069 +9	3.5950 –7
46 200	6369.8	2.1855	4.6545	397.95	1.0964	3.6298
46 400	6369.9	2.1645	4.6099	397.95	1.0859	3.6648
46 600	6370.1	2.1438	4.5658	397.95	1.0755	3.7002
46 800	6370.2	2.1232	4.5222	397.95	1.0652	3.7360
47 000	6370.3	2.1029	4.4789	397.95	1.0550	3.7721
47 200	6370.4	2.0827	4.4361	397.95	1.0449	3.8085
47 400	6370.5	2.0628	4.3936	397.95	1.0349	3.8453
47 600	6370.7	2.0430	4.3516	397.95	1.0250	3.8824
47 800	6370.8	2.0234	4.3100	397.95	1.0152	3.9199
48 000	6370.9	2.0040 +0	4.2687 +24	397.95	1.0055 +9	3.9578 –7
48 200	6371.0	1.9848	4.2279	397.95	9.9587 +8	3.9960
48 400	6371.2	1.9658	4.1874	397.95	9.8635	4.0346
48 600	6371.3	1.9469	4.1474	397.95	9.7691	4.0736
48 800	6371.4	1.9283	4.1077	397.95	9.6757	4.1129
49 000	6371.5	1.9098	4.0684	397.95	9.5831	4.1526
49 200	6371.6	1.8915	4.0295	397.95	9.4914	4.1928
49 400	6371.8	1.8733	3.9909	397.95	9.4006	4.2333
49 600	6371.9	1.8554	3.9528	397.95	9.3107	4.2741
49 800	6372.0	1.8376	3.9149	397.95	9.2216	4.3154
50 000	6372.1	1.8200 +0	3.8775 +24	397.95	9.1334 +8	4.3571 –7
50 200	6372.3	1.8025	3.8404	397.95	9.0460	4.3992
50 400	6372.4	1.7853	3.8037	397.95	8.9595	4.4417
50 600	6372.5	1.7682	3.7673	397.95	8.8738	4.4846
50 800	6372.6	1.7512	3.7312	397.95	8.7889	4.5279
51 000	6372.7	1.7344	3.6955	397.95	8.7048	4.5716
51 200	6372.9	1.7178	3.6602	397.95	8.6215	4.6158
51 400	6373.0	1.7013	3.6252	397.95	8.5390	4.6604
51 600	6373.1	1.6850	3.5905	397.95	8.4573	4.7054
51 800	6373.2	1.6689	3.5561	397.95	8.3764	4.7508
52 000	6373.4	1.6529 +0	3.5221 +24	397.95	8.2963 +8	4.7967 –7
52 200	6373.5	1.6370	3.4884	397.95	8.2169	4.8431
52 400	6373.6	1.6213	3.4550	397.95	8.1383	4.8898
52 600	6373.7	1.6058	3.4220	397.95	8.0605	4.9371
52 800	6373.8	1.5904	3.3893	397.95	7.9834	4.9848
53 000	6374.0	1.5752	3.3568	397.95	7.9070	5.0329
53 200	6374.1	1.5601	3.3247	397.95	7.8313	5.0815
53 400	6374.2	1.5451	3.2929	397.95	7.7564	5.1306
53 600	6374.3	1.5303	3.2614	397.95	7.6822	5.1802
53 800	6374.5	1.5156	3.2302	397.95	7.6087	5.2302
54 000	6374.6	1.5011 +0	3.1993 +24	397.95	7.5359 +8	5.2807 –7
54 200	6374.7	1.4867	3.1687	397.95	7.4638	5.3317
54 400	6374.8	1.4725	3.1384	397.95	7.3924	5.3832
54 600	6375.0	1.4583	3.1084	397.95	7.3217	5.4352
54 800	6375.1	1.4444	3.0786	397.95	7.2517	5.4877
55 000	6375.2	1.4305	3.0492	397.95	7.1823	5.5407
55 200	6375.3	1.4168	3.0200	397.95	7.1136	5.5942
55 400	6375.4	1.4032	2.9911	397.95	7.0455	5.6483
55 600	6375.6	1.3898	2.9625	397.95	6.9781	5.7028
55 800	6375.7	1.3764	2.9342	397.95	6.9114	5.7579

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
56 000	6375.7	1.3731 +0	2.9271 +24	397.95	6.8948 +8	5.7718 –7
56 200	6375.8	1.3600	2.8993	397.95	6.8292	5.8272
56 400	6376.0	1.3471	2.8717	397.95	6.7642	5.8832
56 600	6376.1	1.3342	2.8443	397.95	6.6998	5.9397
56 800	6376.2	1.3215	2.8173	397.95	6.6361	5.9968
57 000	6376.3	1.3089	2.7905	397.95	6.5729	6.0544
57 200	6376.4	1.2964	2.7639	397.95	6.5104	6.1126
57 400	6376.6	1.2841	2.7376	397.95	6.4484	6.1713
57 600	6376.7	1.2718	2.7116	397.95	6.3871	6.2306
57 800	6376.8	1.2597	2.6858	397.95	6.3263	6.2904
58 000	6376.9	1.2477 +0	2.6602 +24	397.95	6.2661 +8	6.3508 –7
58 200	6377.1	1.2358	2.6349	397.95	6.2065	6.4118
58 400	6377.2	1.2240	2.6099	397.95	6.1475	6.4734
58 600	6377.3	1.2124	2.5850	397.95	6.0890	6.5356
58 800	6377.4	1.2008	2.5604	397.95	6.0311	6.5984
59 000	6377.5	1.1894	2.5361	397.95	5.9737	6.6617
59 200	6377.7	1.1780	2.5119	397.95	5.9169	6.7257
59 400	6377.8	1.1668	2.4881	397.95	5.8606	6.7903
59 600	6377.9	1.1557	2.4644	397.95	5.8048	6.8555
59 800	6378.0	1.1447	2.4409	397.95	5.7496	6.9214
60 000	6378.2	1.1337 +0	2.4177 +24	397.95	5.6949 +8	6.9878 –7
60 200	6378.3	1.1229	2.3947	397.95	5.6408	7.0549
60 400	6378.4	1.1122	2.3719	397.95	5.5871	7.1227
60 600	6378.5	1.1016	2.3494	397.95	5.5340	7.1911
60 800	6378.6	1.0911	2.3270	397.95	5.4813	7.2601
61 000	6378.8	1.0807	2.3049	397.95	5.4292	7.3299
61 200	6378.9	1.0704	2.2830	397.95	5.3775	7.4002
61 400	6379.0	1.0602	2.2613	397.95	5.3264	7.4713
61 600	6379.1	1.0501	2.2398	397.95	5.2757	7.5430
61 800	6379.3	1.0401	2.2185	397.95	5.2256	7.6155
62 000	6379.4	1.0302 +0	2.1974 +24	397.95	5.1759 +8	7.6886 –7
62 200	6379.5	1.0204	2.1765	397.95	5.1266	7.7624
62 400	6379.6	1.0107	2.1558	397.95	5.0779	7.8369
62 600	6379.7	1.0010	2.1353	397.95	5.0296	7.9122
62 800	6379.9	9.9151 –1	2.1150	397.95	4.9818	7.9882
63 000	6380.0	9.8206	2.0949	397.95	4.9344	8.0648
63 200	6380.1	9.7270	2.0749	397.95	4.8875	8.1423
63 400	6380.2	9.6343	2.0552	397.95	4.8410	8.2204
63 600	6380.4	9.5425	2.0357	397.95	4.7950	8.2994
63 800	6380.5	9.4516	2.0163	397.95	4.7494	8.3790
64 000	6380.6	9.3616 –1	1.9971 +24	397.95	4.7042 +8	8.4595 –7
64 200	6380.7	9.2724	1.9781	397.95	4.6595	8.5407
64 400	6380.8	9.1840	1.9593	397.95	4.6152	8.6227
64 600	6381.0	9.0965	1.9407	397.95	4.5713	8.7054
64 800	6381.1	9.0099	1.9222	397.95	4.5278	8.7890
65 000	6381.2	8.9240	1.9040	397.95	4.4848	8.8734
65 200	6381.3	8.8390	1.8859	397.95	4.4422	8.9585
65 400	6381.5	8.7548	1.8679	397.95	4.3999	9.0445
65 600	6381.6	8.6714	1.8502	397.95	4.3581	9.1313
65 800	6381.7	8.5888	1.8326	397.95	4.3167	9.2190
66 000	6383.4	8.5049 –1	1.8147 +24	398.00	4.2751 +8	9.3098 –7
66 200	6385.3	8.4216	1.7970	398.06	4.2339	9.4017
66 400	6387.2	8.3391	1.7794	398.11	4.1931	9.4945
66 600	6389.1	8.2574	1.7620	398.17	4.1527	9.5882
66 800	6391.0	8.1766	1.7448	398.22	4.1127	9.6829
67 000	6392.9	8.0966	1.7278	398.28	4.0731	9.7784
67 200	6394.8	8.0173	1.7109	398.33	4.0338	9.8748
67 400	6396.7	7.9389	1.6942	398.39	3.9950	9.9721
67 600	6398.6	7.8613	1.6777	398.45	3.9566	1.0070 –6
67 800	6400.5	7.7844	1.6613	398.50	3.9185	1.0170

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
56 000	6375.8	1.3633 +0	2.9061 +24	397.95	6.8453 +8	5.8135 –7
56 200	6375.9	1.3502	2.8783	397.95	6.7798	5.8697
56 400	6376.1	1.3372	2.8508	397.95	6.7149	5.9264
56 600	6376.2	1.3244	2.8235	397.95	6.6507	5.9836
56 800	6376.3	1.3117	2.7965	397.95	6.5870	6.0414
57 000	6376.4	1.2992	2.7697	397.95	6.5240	6.0998
57 200	6376.5	1.2867	2.7432	397.95	6.4616	6.1587
57 400	6376.7	1.2744	2.7170	397.95	6.3998	6.2182
57 600	6376.8	1.2622	2.6910	397.95	6.3386	6.2783
57 800	6376.9	1.2501	2.6652	397.95	6.2779	6.3389
58 000	6377.0	1.2381 +0	2.6397 +24	397.95	6.2179 +8	6.4001 –7
58 200	6377.2	1.2262	2.6145	397.95	6.1584	6.4619
58 400	6377.3	1.2145	2.5895	397.95	6.0995	6.5244
58 600	6377.4	1.2028	2.5647	397.95	6.0411	6.5874
58 800	6377.5	1.1913	2.5402	397.95	5.9833	6.6510
59 000	6377.6	1.1799	2.5159	397.95	5.9261	6.7152
59 200	6377.8	1.1686	2.4918	397.95	5.8694	6.7801
59 400	6377.9	1.1573	2.4680	397.95	5.8133	6.8456
59 600	6378.0	1.1463	2.4443	397.95	5.7576	6.9117
59 800	6378.1	1.1353	2.4210	397.95	5.7026	6.9785
60 000	6378.3	1.1244 +0	2.3978 +24	397.95	5.6480 +8	7.0459 –7
60 200	6378.4	1.1136	2.3749	397.95	5.5940	7.1139
60 400	6378.5	1.1029	2.3521	397.95	5.5405	7.1827
60 600	6378.6	1.0924	2.3296	397.95	5.4875	7.2520
60 800	6378.8	1.0819	2.3074	397.95	5.4350	7.3221
61 000	6378.9	1.0715	2.2853	397.95	5.3830	7.3928
61 200	6379.0	1.0612	2.2634	397.95	5.3315	7.4642
61 400	6379.1	1.0511	2.2418	397.95	5.2805	7.5363
61 600	6379.2	1.0410	2.2203	397.95	5.2299	7.6091
61 800	6379.4	1.0310	2.1991	397.95	5.1799	7.6826
62 000	6379.5	1.0211 +0	2.1780 +24	397.95	5.1304 +8	7.7568 –7
62 200	6379.6	1.0113	2.1572	397.95	5.0813	7.8317
62 400	6379.7	1.0017	2.1366	397.95	5.0327	7.9074
62 600	6379.9	9.9205 –1	2.1161	397.95	4.9845	7.9838
62 800	6380.0	9.8254	2.0959	397.95	4.9368	8.0609
63 000	6380.1	9.7313	2.0758	397.95	4.8896	8.1387
63 200	6380.2	9.6380	2.0560	397.95	4.8428	8.2173
63 400	6380.3	9.5456	2.0363	397.95	4.7965	8.2967
63 600	6380.5	9.4541	2.0168	397.95	4.7506	8.3769
63 800	6380.6	9.3635	1.9975	397.95	4.7052	8.4578
64 000	6380.7	9.2737 –1	1.9784 +24	397.95	4.6602 +8	8.5395 –7
64 200	6380.8	9.1848	1.9595	397.95	4.6156	8.6219
64 400	6381.0	9.0968	1.9408	397.95	4.5714	8.7052
64 600	6381.1	9.0096	1.9222	397.95	4.5277	8.7893
64 800	6381.2	8.9232	1.9038	397.95	4.4844	8.8742
65 000	6381.3	8.8377	1.8856	397.95	4.4415	8.9599
65 200	6381.5	8.7530	1.8675	397.95	4.3990	9.0465
65 400	6381.6	8.6691	1.8497	397.95	4.3569	9.1338
65 600	6381.7	8.5860	1.8320	397.95	4.3152	9.2221
65 800	6383.5	8.5015	1.8140	398.00	4.2734	9.3135
66 000	6385.4	8.4176 –1	1.7961 +24	398.06	4.2319 +8	9.4061 –7
66 200	6387.3	8.3347	1.7785	398.11	4.1909	9.4996
66 400	6389.2	8.2525	1.7610	398.17	4.1502	9.5939
66 600	6391.1	8.1712	1.7437	398.23	4.1100	9.6892
66 800	6393.1	8.0907	1.7265	398.28	4.0702	9.7854
67 000	6395.0	8.0111	1.7095	398.34	4.0307	9.8825
67 200	6396.9	7.9322	1.6928	398.39	3.9917	9.9806
67 400	6398.8	7.8541	1.6761	398.45	3.9530	1.0080 –6
67 600	6400.7	7.7769	1.6597	398.51	3.9148	1.0180
67 800	6402.7	7.7004	1.6434	398.56	3.8769	1.0280

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
68 000	6402.5	7.7084 –1	1.6451 +24	398.56	3.8809 +8	1.0270 –6
68 200	6404.4	7.6331	1.6290	398.61	3.8435	1.0371
68 400	6406.3	7.5585	1.6132	398.67	3.8066	1.0473
68 600	6408.2	7.4847	1.5974	398.72	3.7700	1.0576
68 800	6410.1	7.4117	1.5819	398.78	3.7338	1.0680
69 000	6412.0	7.3393	1.5665	398.83	3.6980	1.0785
69 200	6413.9	7.2677	1.5512	398.89	3.6625	1.0891
69 400	6415.8	7.1969	1.5361	398.95	3.6273	1.0998
69 600	6417.7	7.1267	1.5212	399.00	3.5925	1.1106
69 800	6419.6	7.0572	1.5064	399.06	3.5581	1.1215
70 000	6421.5	6.9885 –1	1.4917 +24	399.11	3.5240 +8	1.1326 –6
70 200	6423.4	6.9204	1.4772	399.17	3.4902	1.1437
70 400	6425.3	6.8530	1.4629	399.22	3.4568	1.1549
70 600	6427.2	6.7863	1.4487	399.28	3.4237	1.1662
70 800	6429.2	6.7202	1.4346	399.33	3.3909	1.1777
71 000	6431.1	6.6549	1.4207	399.39	3.3584	1.1892
71 200	6433.0	6.5901	1.4069	399.44	3.3263	1.2009
71 400	6434.9	6.5261	1.3932	399.50	3.2944	1.2126
71 600	6436.8	6.4626	1.3797	399.55	3.2629	1.2245
71 800	6438.7	6.3998	1.3663	399.61	3.2317	1.2365
72 000	6440.6	6.3376 –1	1.3531 +24	399.67	3.2008 +8	1.2486 –6
72 200	6442.5	6.2761	1.3399	399.72	3.1703	1.2608
72 400	6444.4	6.2151	1.3270	399.78	3.1400	1.2732
72 600	6446.3	6.1548	1.3141	399.83	3.1100	1.2856
72 800	6448.2	6.0951	1.3014	399.89	3.0803	1.2982
73 000	6450.1	6.0360	1.2888	399.94	3.0509	1.3109
73 200	6452.0	5.9774	1.2763	400.00	3.0218	1.3237
73 400	6453.9	5.9195	1.2640	400.05	2.9930	1.3367
73 600	6455.9	5.8621	1.2517	400.11	2.9644	1.3497
73 800	6457.8	5.8053	1.2396	400.16	2.9361	1.3629
74 000	6459.7	5.7491 –1	1.2276 +24	400.22	2.9082 +8	1.3762 –6
74 200	6461.6	5.6934	1.2158	400.27	2.8805	1.3896
74 400	6463.5	5.6383	1.2040	400.33	2.8530	1.4032
74 600	6465.4	5.5837	1.1924	400.38	2.8258	1.4169
74 800	6467.3	5.5297	1.1809	400.44	2.7989	1.4307
75 000	6469.2	5.4762	1.1695	400.49	2.7723	1.4446
75 200	6471.1	5.4233	1.1582	400.55	2.7459	1.4587
75 400	6473.0	5.3708	1.1470	400.61	2.7198	1.4729
75 600	6474.9	5.3189	1.1360	400.66	2.6940	1.4873
75 800	6476.8	5.2675	1.1250	400.72	2.6683	1.5017
76 000	6478.8	5.2167 –1	1.1142 +24	400.77	2.6430 +8	1.5164 –6
76 200	6480.7	5.1663	1.1034	400.83	2.6179	1.5311
76 400	6482.6	5.1164	1.0928	400.88	2.5930	1.5460
76 600	6484.5	5.0671	1.0823	400.94	2.5684	1.5610
76 800	6486.4	5.0182	1.0719	400.99	2.5440	1.5762
77 000	6488.3	4.9698	1.0615	401.05	2.5199	1.5915
77 200	6490.2	4.9219	1.0513	401.10	2.4960	1.6070
77 400	6492.1	4.8744	1.0412	401.16	2.4723	1.6226
77 600	6494.0	4.8275	1.0312	401.21	2.4489	1.6384
77 800	6495.9	4.7810	1.0213	401.27	2.4257	1.6543
78 000	6497.8	4.7349 –1	1.0115 +24	401.32	2.4027 +8	1.6703 –6
78 200	6499.7	4.6893	1.0017	401.38	2.3799	1.6865
78 400	6501.7	4.6442	9.9212 +23	401.43	2.3574	1.7029
78 600	6503.6	4.5995	9.8260	401.49	2.3351	1.7194
78 800	6505.5	4.5553	9.7316	401.54	2.3130	1.7361
79 000	6507.4	4.5115	9.6382	401.60	2.2911	1.7529
79 200	6509.3	4.4681	9.5458	401.65	2.2694	1.7699
79 400	6511.2	4.4252	9.4542	401.71	2.2479	1.7870
79 600	6513.1	4.3826	9.3636	401.76	2.2267	1.8043
79 800	6515.0	4.3405	9.2738	401.82	2.2057	1.8218

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
68 000	6404.6	7.6247 –1	1.6272 +24	398.62	3.8394 +8	1.0382 –6
68 200	6406.5	7.5497	1.6113	398.67	3.8022	1.0485
68 400	6408.4	7.4755	1.5955	398.73	3.7655	1.0589
68 600	6410.3	7.4021	1.5798	398.79	3.7291	1.0694
68 800	6412.3	7.3294	1.5643	398.84	3.6930	1.0800
69 000	6414.2	7.2574	1.5490	398.90	3.6574	1.0907
69 200	6416.1	7.1862	1.5338	398.95	3.6220	1.1015
69 400	6418.0	7.1156	1.5188	399.01	3.5871	1.1124
69 600	6419.9	7.0458	1.5039	399.07	3.5524	1.1234
69 800	6421.9	6.9767	1.4892	399.12	3.5182	1.1345
70 000	6423.8	6.9083 –1	1.4746 +24	399.18	3.4842 +8	1.1457 –6
70 200	6425.7	6.8406	1.4602	399.23	3.4506	1.1570
70 400	6427.6	6.7735	1.4459	399.29	3.4173	1.1684
70 600	6429.5	6.7072	1.4318	399.34	3.3844	1.1800
70 800	6431.5	6.6415	1.4178	399.40	3.3518	1.1916
71 000	6433.4	6.5764	1.4039	399.46	3.3195	1.2034
71 200	6435.3	6.5121	1.3902	399.51	3.2875	1.2152
71 400	6437.2	6.4483	1.3766	399.57	3.2558	1.2272
71 600	6439.1	6.3852	1.3632	399.62	3.2245	1.2393
71 800	6441.1	6.3228	1.3499	399.68	3.1935	1.2516
72 000	6443.0	6.2610 –1	1.3367 +24	399.73	3.1627 +8	1.2639 –6
72 200	6444.9	6.1998	1.3237	399.79	3.1323	1.2763
72 400	6446.8	6.1392	1.3108	399.85	3.1022	1.2889
72 600	6448.7	6.0792	1.2980	399.90	3.0724	1.3016
72 800	6450.7	6.0198	1.2853	399.96	3.0429	1.3144
73 000	6452.6	5.9610	1.2728	400.01	3.0136	1.3274
73 200	6454.5	5.9028	1.2604	400.07	2.9847	1.3404
73 400	6456.4	5.8452	1.2481	400.12	2.9560	1.3536
73 600	6458.3	5.7882	1.2360	400.18	2.9276	1.3669
73 800	6460.3	5.7317	1.2239	400.24	2.8995	1.3803
74 000	6462.2	5.6758 –1	1.2120 +24	400.29	2.8717 +8	1.3939 –6
74 200	6464.1	5.6205	1.2002	400.35	2.8442	1.4076
74 400	6466.0	5.5657	1.1886	400.40	2.8169	1.4214
74 600	6468.0	5.5115	1.1770	400.46	2.7899	1.4354
74 800	6469.9	5.4578	1.1656	400.51	2.7631	1.4495
75 000	6471.8	5.4047	1.1542	400.57	2.7367	1.4637
75 200	6473.7	5.3520	1.1430	400.63	2.7105	1.4781
75 400	6475.6	5.3000	1.1319	400.68	2.6845	1.4926
75 600	6477.6	5.2484	1.1209	400.74	2.6588	1.5072
75 800	6479.5	5.1973	1.1100	400.79	2.6334	1.5220
76 000	6481.4	5.1468 –1	1.0993 +24	400.85	2.6082 +8	1.5369 –6
76 200	6483.3	5.0968	1.0886	400.90	2.5832	1.5520
76 400	6485.2	5.0472	1.0780	400.96	2.5585	1.5672
76 600	6487.2	4.9982	1.0676	401.01	2.5340	1.5825
76 800	6489.1	4.9496	1.0572	401.07	2.5098	1.5980
77 000	6491.0	4.9016	1.0470	401.13	2.4858	1.6136
77 200	6492.9	4.8540	1.0368	401.18	2.4621	1.6294
77 400	6494.9	4.8069	1.0268	401.24	2.4386	1.6454
77 600	6496.8	4.7602	1.0169	401.29	2.4153	1.6615
77 800	6498.7	4.7140	1.0070	401.35	2.3923	1.6777
78 000	6500.6	4.6683 –1	9.9727 +23	401.40	2.3694 +8	1.6941 –6
78 200	6502.6	4.6231	9.8762	401.46	2.3468	1.7106
78 400	6504.5	4.5783	9.7807	401.51	2.3244	1.7274
78 600	6506.4	4.5339	9.6861	401.57	2.3023	1.7442
78 800	6508.3	4.4900	9.5924	401.63	2.2803	1.7613
79 000	6510.2	4.4465	9.4997	401.68	2.2586	1.7784
79 200	6512.2	4.4034	9.4079	401.74	2.2371	1.7958
79 400	6514.1	4.3608	9.3170	401.79	2.2158	1.8133
79 600	6516.0	4.3186	9.2270	401.85	2.1947	1.8310
79 800	6517.9	4.2768	9.1380	401.90	2.1738	1.8488

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
80 000	6516.9	4.2989 –1	9.1849 +23	401.87	2.1848 +8	1.8394 –6
80 200	6518.8	4.2576	9.0969	401.93	2.1642	1.8572
80 400	6520.7	4.2167	9.0098	401.98	2.1438	1.8751
80 600	6522.7	4.1763	8.9235	402.04	2.1235	1.8933
80 800	6524.6	4.1362	8.8381	402.09	2.1035	1.9116
81 000	6526.5	4.0966	8.7536	402.15	2.0836	1.9300
81 200	6528.4	4.0573	8.6698	402.20	2.0640	1.9487
81 400	6530.3	4.0184	8.5869	402.26	2.0445	1.9675
81 600	6532.2	3.9799	8.5048	402.31	2.0253	1.9865
81 800	6534.1	3.9418	8.4235	402.37	2.0062	2.0057
82 000	6536.0	3.9041 –1	8.3430 +23	402.42	1.9873 +8	2.0250 –6
82 200	6537.9	3.8667	8.2633	402.48	1.9686	2.0445
82 400	6539.8	3.8297	8.1844	402.53	1.9500	2.0642
82 600	6541.7	3.7931	8.1063	402.59	1.9317	2.0841
82 800	6543.7	3.7568	8.0289	402.64	1.9135	2.1042
83 000	6545.6	3.7209	7.9523	402.70	1.8955	2.1245
83 200	6547.5	3.6853	7.8764	402.75	1.8777	2.1450
83 400	6549.4	3.6501	7.8013	402.81	1.8600	2.1656
83 600	6551.3	3.6152	7.7270	402.86	1.8425	2.1865
83 800	6553.2	3.5807	7.6533	402.92	1.8252	2.2075
84 000	6555.1	3.5465 –1	7.5804 +23	402.97	1.8081 +8	2.2287 –6
84 200	6557.0	3.5127	7.5082	403.03	1.7911	2.2502
84 400	6558.9	3.4792	7.4367	403.08	1.7743	2.2718
84 600	6560.8	3.4460	7.3659	403.14	1.7576	2.2936
84 800	6562.7	3.4131	7.2958	403.19	1.7412	2.3157
85 000	6564.7	3.3806	7.2264	403.25	1.7248	2.3379
85 200	6566.6	3.3484	7.1577	403.30	1.7086	2.3604
85 400	6568.5	3.3165	7.0896	403.36	1.6926	2.3830
85 600	6570.4	3.2849	7.0222	403.41	1.6768	2.4059
85 800	6572.3	3.2536	6.9555	403.47	1.6611	2.4290
86 000	6574.2	3.2226 –1	6.8894 +23	403.52	1.6455 +8	2.4523 –6
86 200	6576.1	3.1920	6.8240	403.57	1.6301	2.4758
86 400	6578.0	3.1616	6.7592	403.63	1.6148	2.4995
86 600	6579.9	3.1315	6.6951	403.68	1.5997	2.5235
86 800	6581.8	3.1018	6.6315	403.74	1.5848	2.5476
87 000	6583.8	3.0723	6.5686	403.79	1.5699	2.5720
87 200	6585.7	3.0431	6.5063	403.85	1.5553	2.5967
87 400	6587.6	3.0142	6.4446	403.90	1.5407	2.6215
87 600	6589.5	2.9856	6.3836	403.96	1.5263	2.6466
87 800	6591.4	2.9572	6.3231	404.01	1.5121	2.6719
88 000	6593.3	2.9291 –1	6.2632 +23	404.07	1.4980 +8	2.6975 –6
88 200	6595.2	2.9013	6.2039	404.12	1.4840	2.7232
88 400	6597.1	2.8738	6.1451	404.18	1.4701	2.7493
88 600	6599.0	2.8466	6.0870	404.23	1.4564	2.7755
88 800	6600.9	2.8196	6.0294	404.29	1.4428	2.8021
89 000	6602.9	2.7929	5.9723	404.34	1.4294	2.8288
89 200	6604.8	2.7664	5.9159	404.39	1.4160	2.8558
89 400	6606.7	2.7402	5.8599	404.45	1.4028	2.8831
89 600	6608.6	2.7142	5.8046	404.50	1.3898	2.9106
89 800	6610.5	2.6886	5.7497	404.56	1.3768	2.9383
90 000	6612.4	2.6631 –1	5.6954 +23	404.61	1.3640 +8	2.9664 –6
90 200	6614.3	2.6379	5.6416	404.67	1.3513	2.9946
90 400	6616.2	2.6130	5.5884	404.72	1.3387	3.0232
90 600	6618.1	2.5882	5.5356	404.78	1.3263	3.0520
90 800	6620.1	2.5638	5.4834	404.83	1.3139	3.0811
91 000	6622.0	2.5396	5.4317	404.89	1.3017	3.1104
91 200	6623.9	2.5156	5.3805	404.94	1.2896	3.1400
91 400	6625.8	2.4918	5.3298	405.00	1.2776	3.1699
91 600	6627.7	2.4683	5.2795	405.05	1.2658	3.2000
91 800	6629.6	2.4450	5.2298	405.10	1.2540	3.2305

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
80 000	6519.9	4.2355 –1	9.0498 +23	401.96	2.1531 +8	1.8669 –6
80 200	6521.8	4.1945	8.9624	402.01	2.1326	1.8851
80 400	6523.7	4.1540	8.8760	402.07	2.1124	1.9034
80 600	6525.6	4.1138	8.7904	402.12	2.0923	1.9220
80 800	6527.6	4.0741	8.7056	402.18	2.0724	1.9407
81 000	6529.5	4.0347	8.6217	402.23	2.0527	1.9596
81 200	6531.4	3.9958	8.5386	402.29	2.0332	1.9786
81 400	6533.3	3.9572	8.4564	402.35	2.0139	1.9979
81 600	6535.3	3.9190	8.3749	402.40	1.9948	2.0173
81 800	6537.2	3.8812	8.2943	402.46	1.9758	2.0369
82 000	6539.1	3.8438 –1	8.2144 +23	402.51	1.9571 +8	2.0567 –6
82 200	6541.0	3.8067	8.1354	402.57	1.9385	2.0767
82 400	6543.0	3.7700	8.0571	402.62	1.9201	2.0969
82 600	6544.9	3.7337	7.9796	402.68	1.9019	2.1172
82 800	6546.8	3.6977	7.9029	402.73	1.8839	2.1378
83 000	6548.7	3.6621	7.8269	402.79	1.8660	2.1585
83 200	6550.7	3.6268	7.7517	402.84	1.8484	2.1795
83 400	6552.6	3.5919	7.6772	402.90	1.8308	2.2006
83 600	6554.5	3.5574	7.6035	402.95	1.8135	2.2220
83 800	6556.4	3.5231	7.5305	403.01	1.7963	2.2435
84 000	6558.4	3.4893 –1	7.4582 +23	403.06	1.7793 +8	2.2652 –6
84 200	6560.3	3.4557	7.3866	403.12	1.7625	2.2872
84 400	6562.2	3.4225	7.3158	403.18	1.7458	2.3094
84 600	6564.1	3.3896	7.2456	403.23	1.7293	2.3317
84 800	6566.1	3.3570	7.1761	403.29	1.7130	2.3543
85 000	6568.0	3.3248	7.1073	403.34	1.6968	2.3771
85 200	6569.9	3.2928	7.0392	403.40	1.6808	2.4001
85 400	6571.8	3.2612	6.9718	403.45	1.6649	2.4233
85 600	6573.8	3.2299	6.9050	403.51	1.6492	2.4467
85 800	6575.7	3.1989	6.8388	403.56	1.6336	2.4704
86 000	6577.6	3.1683 –1	6.7734 +23	403.62	1.6182 +8	2.4943 –6
86 200	6579.5	3.1379	6.7086	403.67	1.6029	2.5184
86 400	6581.5	3.1078	6.6444	403.73	1.5878	2.5427
86 600	6583.4	3.0780	6.5808	403.78	1.5728	2.5673
86 800	6585.3	3.0485	6.5179	403.84	1.5580	2.5921
87 000	6587.2	3.0193	6.4556	403.89	1.5433	2.6171
87 200	6589.2	2.9904	6.3939	403.95	1.5288	2.6423
87 400	6591.1	2.9618	6.3328	404.00	1.5144	2.6678
87 600	6593.0	2.9334	6.2723	404.06	1.5001	2.6935
87 800	6594.9	2.9053	6.2124	404.11	1.4860	2.7195
88 000	6596.9	2.8775 –1	6.1531 +23	404.17	1.4720 +8	2.7457 –6
88 200	6598.8	2.8500	6.0943	404.22	1.4581	2.7722
88 400	6600.7	2.8228	6.0362	404.28	1.4444	2.7989
88 600	6602.6	2.7958	5.9786	404.33	1.4308	2.8259
88 800	6604.6	2.7691	5.9216	404.39	1.4174	2.8531
89 000	6606.5	2.7426	5.8651	404.44	1.4041	2.8805
89 200	6608.4	2.7164	5.8092	404.50	1.3909	2.9083
89 400	6610.4	2.6905	5.7538	404.55	1.3778	2.9362
89 600	6612.3	2.6648	5.6990	404.61	1.3649	2.9645
89 800	6614.2	2.6394	5.6448	404.66	1.3520	2.9930
90 000	6616.1	2.6142 –1	5.5910 +23	404.72	1.3394 +8	3.0218 –6
90 200	6618.1	2.5893	5.5378	404.77	1.3268	3.0508
90 400	6620.0	2.5646	5.4851	404.83	1.3143	3.0801
90 600	6621.9	2.5401	5.4329	404.88	1.3020	3.1097
90 800	6623.8	2.5159	5.3812	404.94	1.2898	3.1396
91 000	6625.8	2.4919	5.3301	404.99	1.2777	3.1697
91 200	6627.7	2.4682	5.2794	405.05	1.2657	3.2001
91 400	6629.6	2.4447	5.2292	405.10	1.2539	3.2308
91 600	6631.6	2.4214	5.1795	405.16	1.2421	3.2618
91 800	6633.5	2.3984	5.1303	405.21	1.2305	3.2931

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
92 000	6631.5	2.4219 –1	5.1805 +23	405.16	1.2424 +8	3.2612 –6
92 200	6633.4	2.3990	5.1318	405.21	1.2308	3.2922
92 400	6635.3	2.3764	5.0835	405.27	1.2194	3.3235
92 600	6637.3	2.3540	5.0356	405.32	1.2081	3.3550
92 800	6639.2	2.3318	4.9882	405.38	1.1969	3.3869
93 000	6641.1	2.3098	4.9413	405.43	1.1858	3.4190
93 200	6643.0	2.2881	4.8949	405.49	1.1748	3.4515
93 400	6644.9	2.2665	4.8489	405.54	1.1639	3.4843
93 600	6646.8	2.2452	4.8033	405.59	1.1531	3.5173
93 800	6648.7	2.2241	4.7582	405.65	1.1425	3.5507
94 000	6650.6	2.2031 –1	4.7135 +23	405.70	1.1319 +8	3.5843 –6
94 200	6652.5	2.1824	4.6692	405.76	1.1214	3.6183
94 400	6654.5	2.1619	4.6254	405.81	1.1110	3.6526
94 600	6656.4	2.1416	4.5820	405.87	1.1008	3.6872
94 800	6658.3	2.1214	4.5390	405.92	1.0906	3.7221
95 000	6660.2	2.1015	4.4965	405.98	1.0805	3.7573
95 200	6662.1	2.0817	4.4543	406.03	1.0705	3.7929
95 400	6664.0	2.0622	4.4126	406.08	1.0606	3.8288
95 600	6665.9	2.0428	4.3712	406.14	1.0508	3.8650
95 800	6667.8	2.0237	4.3303	406.19	1.0411	3.9015
96 000	6669.7	2.0047 –1	4.2897 +23	406.25	1.0315 +8	3.9384 –6
96 200	6671.7	1.9859	4.2496	406.30	1.0220	3.9756
96 400	6673.6	1.9672	4.2098	406.36	1.0126	4.0132
96 600	6675.5	1.9488	4.1704	406.41	1.0032	4.0511
96 800	6677.4	1.9305	4.1314	406.46	9.9396 +7	4.0893
97 000	6679.3	1.9124	4.0928	406.52	9.8480	4.1279
97 200	6681.2	1.8945	4.0545	406.57	9.7572	4.1669
97 400	6683.1	1.8768	4.0166	406.63	9.6673	4.2062
97 600	6685.0	1.8592	3.9791	406.68	9.5783	4.2459
97 800	6687.0	1.8418	3.9419	406.74	9.4901	4.2859
98 000	6688.9	1.8246 –1	3.9051 +23	406.79	9.4027 +7	4.3263 –6
98 200	6690.8	1.8075	3.8686	406.84	9.3162	4.3671
98 400	6692.7	1.7906	3.8325	406.90	9.2305	4.4082
98 600	6694.6	1.7739	3.7968	406.95	9.1456	4.4497
98 800	6696.5	1.7573	3.7614	407.01	9.0615	4.4916
99 000	6698.4	1.7409	3.7263	407.06	8.9782	4.5339
99 200	6700.3	1.7246	3.6916	407.12	8.8957	4.5766
99 400	6702.3	1.7085	3.6572	407.17	8.8139	4.6196
99 600	6704.2	1.6926	3.6231	407.22	8.7330	4.6631
99 800	6706.1	1.6768	3.5893	407.28	8.6528	4.7069
100 000	6708.0	1.6611 –1	3.5559 +23	407.33	8.5734 +7	4.7511 –6
100 200	6709.9	1.6456	3.5228	407.39	8.4947	4.7958
100 400	6711.8	1.6303	3.4900	407.44	8.4168	4.8408
100 600	6713.7	1.6151	3.4576	407.50	8.3396	4.8863
100 800	6715.6	1.6000	3.4254	407.55	8.2631	4.9322
101 000	6717.6	1.5851	3.3936	407.60	8.1873	4.9785
101 200	6719.5	1.5704	3.3620	407.66	8.1123	5.0252
101 400	6721.4	1.5557	3.3308	407.71	8.0380	5.0723
101 600	6723.3	1.5412	3.2998	407.77	7.9644	5.1199
101 800	6725.2	1.5269	3.2692	407.82	7.8915	5.1679
102 000	6727.1	1.5127 –1	3.2388 +23	407.87	7.8192 +7	5.2163 –6
102 200	6729.0	1.4986	3.2088	407.93	7.7477	5.2652
102 400	6730.9	1.4847	3.1790	407.98	7.6768	5.3145
102 600	6732.9	1.4709	3.1495	408.04	7.6066	5.3643
102 800	6734.8	1.4572	3.1203	408.09	7.5370	5.4145
103 000	6736.7	1.4437	3.0913	408.14	7.4681	5.4651
103 200	6738.6	1.4303	3.0627	408.20	7.3999	5.5163
103 400	6740.5	1.4170	3.0343	408.25	7.3323	5.5679
103 600	6742.4	1.4038	3.0062	408.31	7.2653	5.6199
103 800	6744.3	1.3908	2.9784	408.36	7.1990	5.6725

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
92 000	6635.4	2.3756 –1	5.0816 +23	405.27	1.2190 +8	3.3247 –6
92 200	6637.3	2.3530	5.0334	405.32	1.2076	3.3565
92 400	6639.3	2.3306	4.9856	405.38	1.1963	3.3887
92 600	6641.2	2.3084	4.9383	405.43	1.1851	3.4211
92 800	6643.1	2.2865	4.8915	405.49	1.1740	3.4539
93 000	6645.1	2.2648	4.8451	405.54	1.1630	3.4870
93 200	6647.0	2.2432	4.7991	405.60	1.1522	3.5204
93 400	6648.9	2.2219	4.7537	405.65	1.1414	3.5540
93 600	6650.8	2.2008	4.7086	405.71	1.1307	3.5880
93 800	6652.8	2.1800	4.6640	405.76	1.1202	3.6223
94 000	6654.7	2.1593 –1	4.6198 +23	405.82	1.1097 +8	3.6570 –6
94 200	6656.6	2.1388	4.5761	405.87	1.0994	3.6919
94 400	6658.6	2.1185	4.5328	405.93	1.0891	3.7272
94 600	6660.5	2.0984	4.4899	405.98	1.0789	3.7628
94 800	6662.4	2.0785	4.4474	406.04	1.0689	3.7988
95 000	6664.3	2.0588	4.4054	406.09	1.0589	3.8350
95 200	6666.3	2.0393	4.3637	406.15	1.0490	3.8716
95 400	6668.2	2.0200	4.3225	406.20	1.0393	3.9086
95 600	6670.1	2.0009	4.2816	406.26	1.0296	3.9459
95 800	6672.1	1.9819	4.2412	406.31	1.0200	3.9835
96 000	6674.0	1.9632 –1	4.2011 +23	406.37	1.0105 +8	4.0215 –6
96 200	6675.9	1.9446	4.1614	406.42	1.0011	4.0598
96 400	6677.9	1.9262	4.1221	406.48	9.9177 +7	4.0985
96 600	6679.8	1.9080	4.0832	406.53	9.8254	4.1376
96 800	6681.7	1.8900	4.0447	406.59	9.7340	4.1770
97 000	6683.6	1.8721	4.0066	406.64	9.6435	4.2167
97 200	6685.6	1.8544	3.9688	406.70	9.5539	4.2569
97 400	6687.5	1.8369	3.9314	406.75	9.4651	4.2974
97 600	6689.4	1.8195	3.8943	406.81	9.3771	4.3383
97 800	6691.4	1.8024	3.8576	406.86	9.2900	4.3795
98 000	6693.3	1.7853 –1	3.8213 +23	406.92	9.2038 +7	4.4212 –6
98 200	6695.2	1.7685	3.7853	406.97	9.1183	4.4632
98 400	6697.2	1.7518	3.7497	407.03	9.0337	4.5056
98 600	6699.1	1.7353	3.7144	407.08	8.9499	4.5484
98 800	6701.0	1.7189	3.6794	407.13	8.8669	4.5917
99 000	6702.9	1.7027	3.6448	407.19	8.7846	4.6353
99 200	6704.9	1.6867	3.6105	407.24	8.7032	4.6793
99 400	6706.8	1.6708	3.5766	407.30	8.6225	4.7237
99 600	6708.7	1.6551	3.5430	407.35	8.5426	4.7685
99 800	6710.7	1.6395	3.5097	407.41	8.4635	4.8137
100 000	6712.6	1.6240 –1	3.4767 +23	407.46	8.3851 +7	4.8594 –6
100 200	6714.5	1.6088	3.4441	407.52	8.3075	4.9055
100 400	6716.5	1.5936	3.4117	407.57	8.2306	4.9519
100 600	6718.4	1.5786	3.3797	407.63	8.1544	4.9989
100 800	6720.3	1.5638	3.3480	407.68	8.0789	5.0462
101 000	6722.3	1.5491	3.3166	407.74	8.0042	5.0940
101 200	6724.2	1.5345	3.2855	407.79	7.9302	5.1422
101 400	6726.1	1.5201	3.2547	407.85	7.8569	5.1909
101 600	6728.0	1.5058	3.2241	407.90	7.7843	5.2400
101 800	6730.0	1.4917	3.1939	407.95	7.7124	5.2896
102 000	6731.9	1.4777 –1	3.1640 +23	408.01	7.6411 +7	5.3396 –6
102 200	6733.8	1.4638	3.1344	408.06	7.5706	5.3901
102 400	6735.8	1.4501	3.1050	408.12	7.5007	5.4411
102 600	6737.7	1.4365	3.0759	408.17	7.4315	5.4925
102 800	6739.6	1.4230	3.0472	408.23	7.3629	5.5444
103 000	6741.6	1.4097	3.0186	408.28	7.2950	5.5968
103 200	6743.5	1.3964	2.9904	408.34	7.2277	5.6496
103 400	6745.4	1.3834	2.9624	408.39	7.1611	5.7030
103 600	6747.4	1.3704	2.9347	408.45	7.0951	5.7568
103 800	6749.3	1.3576	2.9073	408.50	7.0297	5.8111

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
104 000	6746.2	1.3779 –1	2.9508 +23	408.41	7.1333 +7	5.7255 –6
104 200	6748.2	1.3651	2.9235	408.47	7.0682	5.7790
104 400	6750.1	1.3525	2.8964	408.52	7.0037	5.8330
104 600	6752.0	1.3399	2.8696	408.58	6.9398	5.8874
104 800	6753.9	1.3275	2.8431	408.63	6.8766	5.9424
105 000	6755.8	1.3152	2.8168	408.68	6.8139	5.9978
105 500	6760.6	1.2850	2.7522	408.82	6.6597	6.1387
106 000	6773.1	1.2540	2.6860	409.19	6.5056	6.2898
106 500	6785.9	1.2238	2.6215	409.57	6.3551	6.4447
107 000	6798.7	1.1944	2.5586	409.94	6.2084	6.6031
107 500	6811.6	1.1658 –1	2.4974 +23	410.32	6.0653 +7	6.7650 –6
108 000	6824.4	1.1379	2.4377	410.69	5.9258	6.9306
108 500	6837.2	1.1107	2.3795	411.07	5.7898	7.0999
109 000	6850.0	1.0842	2.3229	411.45	5.6571	7.2731
109 500	6862.8	1.0584	2.2677	411.82	5.5277	7.4501
110 000	6875.6	1.0332	2.2139	412.19	5.4015	7.6311
110 500	6888.5	1.0087	2.1615	412.57	5.2784	7.8162
111 000	6901.3	9.8483 –2	2.1104	412.94	5.1583	8.0053
111 500	6914.1	9.6156	2.0606	413.32	5.0412	8.1987
112 000	6926.9	9.3887	2.0121	413.69	4.9270	8.3964
112 500	6939.7	9.1676 –2	1.9648 +23	414.06	4.8155 +7	8.5985 –6
113 000	6952.6	8.9522	1.9187	414.43	4.7068	8.8051
113 500	6965.4	8.7421	1.8738	414.81	4.6007	9.0162
114 000	6978.2	8.5374	1.8300	415.18	4.4972	9.2320
114 500	6991.0	8.3378	1.7873	415.55	4.3962	9.4525
115 000	7003.9	8.1432	1.7457	415.92	4.2976	9.6779
115 500	7016.7	7.9535	1.7051	416.29	4.2015	9.9082
116 000	7029.5	7.7686	1.6655	416.66	4.1076	1.0144 –5
116 500	7042.3	7.5883	1.6270	417.03	4.0161	1.0384
117 000	7055.2	7.4125	1.5894	417.40	3.9267	1.0630
117 500	7068.0	7.2411 –2	1.5527 +23	417.77	3.8394 +7	1.0881 –5
118 000	7080.8	7.0739	1.5169	418.14	3.7543	1.1138
118 500	7093.6	6.9109	1.4820	418.51	3.6712	1.1400
119 000	7106.5	6.7519	1.4480	418.88	3.5901	1.1668
119 500	7119.3	6.5969	1.4148	419.25	3.5109	1.1941
120 000	7132.1	6.4457	1.3824	419.61	3.4336	1.2221
120 500	7145.0	6.2982	1.3509	419.98	3.3581	1.2506
121 000	7157.8	6.1544	1.3201	420.35	3.2844	1.2798
121 500	7170.6	6.0140	1.2901	420.71	3.2125	1.3096
122 000	7183.5	5.8772	1.2608	421.08	3.1423	1.3400
122 500	7196.3	5.7436 –2	1.2322 +23	421.45	3.0737 +7	1.3711 –5
123 000	7209.1	5.6134	1.2043	421.81	3.0067	1.4029
123 500	7222.0	5.4863	1.1771	422.18	2.9414	1.4353
124 000	7234.8	5.3623	1.1505	422.54	2.8775	1.4684
124 500	7247.6	5.2413	1.1246	422.91	2.8152	1.5023
125 000	7260.5	5.1233	1.0993	423.27	2.7543	1.5368
125 500	7273.3	5.0081	1.0747	423.63	2.6948	1.5721
126 000	7286.2	4.8957	1.0506	424.00	2.6367	1.6081
126 500	7299.0	4.7860	1.0271	424.36	2.5799	1.6448
127 000	7311.8	4.6790	1.0042	424.72	2.5245	1.6824
127 500	7324.7	4.5745 –2	9.8183 +22	425.09	2.4704 +7	1.7207 –5
128 000	7337.5	4.4726	9.5999	425.45	2.4175	1.7599
128 500	7350.3	4.3731	9.3868	425.81	2.3658	1.7998
129 000	7363.2	4.2759	9.1787	426.17	2.3154	1.8406
129 500	7376.0	4.1811	8.9756	426.53	2.2661	1.8823
130 000	7388.9	4.0886	8.7774	426.89	2.2179	1.9248
130 500	7401.7	3.9982	8.5839	427.26	2.1708	1.9682
131 000	7414.6	3.9100	8.3949	427.62	2.1248	2.0125
131 500	7427.4	3.8239	8.2104	427.98	2.0799	2.0577
132 000	7440.2	3.7399	8.0303	428.34	2.0360	2.1039

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
104 000	6751.2	1.3449 –1	2.8801 +23	408.56	6.9649 +7	5.8659 –6
104 200	6753.2	1.3323	2.8532	408.61	6.9008	5.9212
104 400	6755.1	1.3198	2.8266	408.66	6.8372	5.9770
104 600	6757.0	1.3075	2.8002	408.72	6.7743	6.0334
104 800	6759.0	1.2952	2.7741	408.77	6.7120	6.0902
105 000	6761.1	1.2831	2.7481	408.83	6.6501	6.1478
105 500	6774.1	1.2518	2.6813	409.22	6.4945	6.3010
106 000	6787.0	1.2214	2.6162	409.60	6.3428	6.4577
106 500	6799.9	1.1917	2.5528	409.98	6.1949	6.6180
107 000	6812.9	1.1629	2.4911	410.36	6.0507	6.7820
107 500	6825.8	1.1347 –1	2.4310 +23	410.74	5.9101 +7	6.9497 –6
108 000	6838.8	1.1074	2.3724	411.12	5.7731	7.1213
108 500	6851.7	1.0807	2.3154	411.50	5.6395	7.2967
109 000	6864.7	1.0547	2.2598	411.87	5.5092	7.4762
109 500	6877.6	1.0294	2.2057	412.25	5.3821	7.6597
110 000	6890.6	1.0047	2.1529	412.63	5.2582	7.8474
110 500	6903.6	9.8067 –2	2.1015	413.01	5.1374	8.0393
111 000	6916.5	9.5725	2.0514	413.39	5.0195	8.2355
111 500	6929.5	9.3444	2.0026	413.76	4.9046	8.4362
112 000	6942.4	9.1221	1.9551	414.14	4.7925	8.6414
112 500	6955.4	8.9054 –2	1.9087 +23	414.52	4.6832 +7	8.8512 –6
113 000	6968.4	8.6943	1.8636	414.89	4.5765	9.0656
113 500	6981.3	8.4886	1.8196	415.27	4.4725	9.2849
114 000	6994.3	8.2881	1.7767	415.64	4.3710	9.5091
114 500	7007.3	8.0926	1.7349	416.02	4.2720	9.7383
115 000	7020.2	7.9022	1.6941	416.39	4.1754	9.9725
115 500	7033.2	7.7165	1.6544	416.77	4.0812	1.0212 –5
116 000	7046.2	7.5355	1.6157	417.14	3.9892	1.0457
116 500	7059.1	7.3591	1.5779	417.52	3.8995	1.0707
117 000	7072.1	7.1871	1.5411	417.89	3.8120	1.0963
117 500	7085.1	7.0194 –2	1.5052 +23	418.26	3.7265 +7	1.1224 –5
118 000	7098.0	6.8559	1.4703	418.64	3.6432	1.1491
118 500	7111.0	6.6966	1.4361	419.01	3.5618	1.1764
119 000	7124.0	6.5411	1.4029	419.38	3.4824	1.2043
119 500	7137.0	6.3896	1.3704	419.75	3.4049	1.2328
120 000	7150.0	6.2418	1.3388	420.12	3.3293	1.2619
120 500	7162.9	6.0977	1.3080	420.49	3.2554	1.2917
121 000	7175.9	5.9572	1.2779	420.86	3.1834	1.3221
121 500	7188.9	5.8201	1.2485	421.23	3.1130	1.3531
122 000	7201.9	5.6865	1.2199	421.60	3.0443	1.3849
122 500	7214.9	5.5561 –2	1.1920 +23	421.97	2.9773 +7	1.4173 –5
123 000	7227.9	5.4289	1.1648	422.34	2.9118	1.4504
123 500	7240.9	5.3049	1.1382	422.71	2.8479	1.4843
124 000	7253.8	5.1839	1.1123	423.08	2.7855	1.5189
124 500	7266.8	5.0659	1.0871	423.45	2.7246	1.5542
125 000	7279.8	4.9507	1.0624	423.82	2.6651	1.5902
125 500	7292.8	4.8384	1.0383	424.19	2.6070	1.6271
126 000	7305.8	4.7288	1.0149	424.55	2.5503	1.6647
126 500	7318.8	4.6218	9.9197 +22	424.92	2.4949	1.7031
127 000	7331.8	4.5175	9.6962	425.29	2.4408	1.7424
127 500	7344.8	4.4157 –2	9.4781 +22	425.65	2.3880 +7	1.7825 –5
128 000	7357.8	4.3164	9.2653	426.02	2.3364	1.8234
128 500	7370.8	4.2194	9.0577	426.39	2.2860	1.8652
129 000	7383.8	4.1248	8.8550	426.75	2.2367	1.9079
129 500	7396.8	4.0325	8.6572	427.12	2.1886	1.9515
130 000	7409.8	3.9423	8.4641	427.48	2.1417	1.9960
130 500	7422.8	3.8544	8.2757	427.85	2.0958	2.0415
131 000	7435.8	3.7686	8.0918	428.21	2.0509	2.0879
131 500	7448.8	3.6848	7.9122	428.58	2.0071	2.1353
132 000	7461.8	3.6030	7.7370	428.94	1.9643	2.1836

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
132 500	7453.1	3.6578 –2	7.8545 +22	428.69	1.9930 +7	2.1510 –5
133 000	7465.9	3.5777	7.6827	429.05	1.9511	2.1990
133 500	7478.8	3.4994	7.5151	429.41	1.9101	2.2481
134 000	7491.6	3.4230	7.3513	429.77	1.8701	2.2982
134 500	7504.5	3.3484	7.1914	430.13	1.8309	2.3493
135 000	7517.3	3.2755	7.0353	430.49	1.7926	2.4014
135 500	7530.2	3.2044	6.8828	430.84	1.7552	2.4546
136 000	7543.0	3.1349	6.7338	431.20	1.7187	2.5089
136 500	7555.9	3.0670	6.5883	431.56	1.6829	2.5643
137 000	7568.7	3.0007	6.4462	431.92	1.6480	2.6209
137 500	7581.6	2.9359 –2	6.3074 +22	432.27	1.6138 +7	2.6785 –5
138 000	7594.4	2.8727	6.1718	432.63	1.5804	2.7374
138 500	7607.3	2.8109	6.0394	432.98	1.5478	2.7974
139 000	7620.1	2.7506	5.9100	433.34	1.5159	2.8587
139 500	7633.0	2.6916	5.7836	433.69	1.4847	2.9211
140 000	7645.8	2.6340	5.6601	434.05	1.4542	2.9849
140 500	7658.7	2.5777	5.5394	434.40	1.4243	3.0499
141 000	7671.6	2.5228	5.4216	434.76	1.3951	3.1162
141 500	7684.4	2.4690	5.3064	435.11	1.3666	3.1838
142 000	7697.3	2.4165	5.1938	435.46	1.3387	3.2528
142 500	7710.1	2.3653 –2	5.0838 +22	435.82	1.3114 +7	3.3232 –5
143 000	7723.0	2.3151	4.9763	436.17	1.2847	3.3950
143 500	7735.8	2.2662	4.8713	436.52	1.2586	3.4682
144 000	7748.7	2.2183	4.7687	436.87	1.2331	3.5429
144 500	7761.6	2.1715	4.6683	437.23	1.2081	3.6190
145 000	7774.4	2.1258	4.5703	437.58	1.1837	3.6966
145 500	7787.3	2.0812	4.4745	437.93	1.1598	3.7758
146 000	7800.1	2.0375	4.3808	438.28	1.1365	3.8565
146 500	7813.0	1.9948	4.2892	438.63	1.1136	3.9389
147 000	7825.9	1.9531	4.1997	438.98	1.0912	4.0228
147 500	7838.7	1.9123 –2	4.1122 +22	439.33	1.0694 +7	4.1084 –5
148 000	7851.6	1.8725	4.0267	439.68	1.0479	4.1957
148 500	7864.5	1.8335	3.9431	440.03	1.0270	4.2846
149 000	7877.3	1.7954	3.8613	440.38	1.0065	4.3753
149 500	7890.2	1.7581	3.7814	440.73	9.8646 +6	4.4678
150 000	7903.1	1.7217	3.7033	441.08	9.6684	4.5621
150 500	7915.9	1.6861	3.6269	441.43	9.4764	4.6582
151 000	7928.8	1.6513	3.5522	441.77	9.2885	4.7562
151 500	7941.7	1.6173	3.4791	442.12	9.1046	4.8560
152 000	7954.5	1.5840	3.4077	442.47	8.9247	4.9578
152 500	7967.4	1.5515 –2	3.3378 +22	442.82	8.7486 +6	5.0616 –5
153 000	7980.3	1.5196	3.2695	443.16	8.5763	5.1673
153 500	7993.1	1.4885	3.2027	443.51	8.4076	5.2751
154 000	8006.0	1.4581	3.1374	443.86	8.2425	5.3850
154 500	8018.9	1.4283	3.0735	444.20	8.0809	5.4970
155 000	8031.8	1.3992	3.0110	444.55	7.9227	5.6111
155 500	8040.8	1.3714	2.9512	444.79	7.7697	5.7247
156 000	8041.2	1.3456	2.8958	444.79	7.6239	5.8342
156 500	8041.6	1.3202	2.8414	444.79	7.4807	5.9458
157 000	8042.0	1.2954	2.7881	444.79	7.3403	6.0596
157 500	8042.4	1.2710 –2	2.7358 +22	444.79	7.2025 +6	6.1755 –5
158 000	8042.8	1.2471	2.6844	444.79	7.0673	6.2936
158 500	8043.1	1.2236	2.6340	444.79	6.9347	6.4140
159 000	8043.5	1.2006	2.5846	444.79	6.8045	6.5367
159 500	8043.9	1.1780	2.5361	444.79	6.6768	6.6617
160 000	8044.3	1.1558	2.4885	444.79	6.5515	6.7891
160 500	8044.7	1.1341	2.4418	444.79	6.4285	6.9190
161 000	8045.1	1.1128	2.3960	444.79	6.3079	7.0513
161 500	8045.4	1.0918	2.3510	444.79	6.1895	7.1861
162 000	8045.8	1.0713	2.3069	444.79	6.0734	7.3236

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
132 500	7474.9	3.5231 –2	7.5659 +22	429.30	1.9225 +7	2.2330 –5
133 000	7487.9	3.4452	7.3989	429.67	1.8817	2.2834
133 500	7500.9	3.3691	7.2358	430.03	1.8418	2.3349
134 000	7513.9	3.2948	7.0766	430.39	1.8028	2.3874
134 500	7526.9	3.2223	6.9211	430.75	1.7646	2.4410
135 000	7539.9	3.1515	6.7694	431.12	1.7274	2.4957
135 500	7553.0	3.0823	6.6212	431.48	1.6910	2.5516
136 000	7566.0	3.0148	6.4765	431.84	1.6554	2.6086
136 500	7579.0	2.9489	6.3351	432.20	1.6207	2.6668
137 000	7592.0	2.8845	6.1971	432.56	1.5867	2.7262
137 500	7605.0	2.8216 –2	6.0623 +22	432.92	1.5535 +7	2.7868 –5
138 000	7618.1	2.7602	5.9307	433.28	1.5210	2.8487
138 500	7631.1	2.7003	5.8021	433.64	1.4893	2.9118
139 000	7644.1	2.6417	5.6766	434.00	1.4582	2.9762
139 500	7657.1	2.5845	5.5539	434.36	1.4279	3.0419
140 000	7670.2	2.5286	5.4341	434.72	1.3983	3.1090
140 500	7683.2	2.4740	5.3171	435.08	1.3693	3.1774
141 000	7696.2	2.4207	5.2028	435.44	1.3409	3.2472
141 500	7709.3	2.3687	5.0911	435.79	1.3132	3.3185
142 000	7722.3	2.3178	4.9820	436.15	1.2861	3.3912
142 500	7735.3	2.2681 –2	4.8754 +22	436.51	1.2597 +7	3.4653 –5
143 000	7748.4	2.2195	4.7712	436.87	1.2338	3.5409
143 500	7761.4	2.1721	4.6695	437.22	1.2084	3.6181
144 000	7774.5	2.1257	4.5701	437.58	1.1837	3.6968
144 500	7787.5	2.0804	4.4729	437.94	1.1594	3.7771
145 000	7800.5	2.0362	4.3780	438.29	1.1358	3.8590
145 500	7813.6	1.9929	4.2852	438.65	1.1126	3.9426
146 000	7826.6	1.9507	4.1945	439.00	1.0899	4.0278
146 500	7839.7	1.9094	4.1059	439.36	1.0678	4.1147
147 000	7852.7	1.8690	4.0194	439.71	1.0461	4.2033
147 500	7865.8	1.8296 –2	3.9347 +22	440.07	1.0249 +7	4.2937 –5
148 000	7878.8	1.7910	3.8520	440.42	1.0042	4.3859
148 500	7891.9	1.7534	3.7712	440.77	9.8388 +6	4.4800
149 000	7904.9	1.7165	3.6921	441.13	9.6404	4.5758
149 500	7918.0	1.6805	3.6149	441.48	9.4462	4.6736
150 000	7931.0	1.6454	3.5394	441.84	9.2563	4.7733
150 500	7944.1	1.6110	3.4656	442.19	9.0705	4.8750
151 000	7957.1	1.5773	3.3934	442.54	8.8887	4.9787
151 500	7970.2	1.5445	3.3229	442.89	8.7109	5.0844
152 000	7983.3	1.5123	3.2539	443.24	8.5368	5.1921
152 500	7996.3	1.4809 –2	3.1864 +22	443.60	8.3665 +6	5.3020 –5
153 000	8009.4	1.4502	3.1205	443.95	8.1999	5.4141
153 500	8022.4	1.4202	3.0560	444.30	8.0369	5.5283
154 000	8035.5	1.3908	2.9930	444.65	7.8773	5.6447
154 500	8041.0	1.3634	2.9341	444.79	7.7248	5.7580
155 000	8041.3	1.3374	2.8782	444.79	7.5776	5.8698
155 500	8041.7	1.3118	2.8234	444.79	7.4332	5.9838
156 000	8042.1	1.2868	2.7696	444.79	7.2916	6.1000
156 500	8042.5	1.2622	2.7168	444.79	7.1527	6.2185
157 000	8042.9	1.2381	2.6651	444.79	7.0164	6.3393
157 500	8043.3	1.2144 –2	2.6143 +22	444.79	6.8827 +6	6.4624 –5
158 000	8043.7	1.1912	2.5645	444.79	6.7516	6.5880
158 500	8044.1	1.1685	2.5156	444.79	6.6229	6.7159
159 000	8044.5	1.1462	2.4677	444.79	6.4967	6.8464
159 500	8044.8	1.1243	2.4207	444.79	6.3730	6.9793
160 000	8045.2	1.1028	2.3745	444.79	6.2515	7.1149
160 500	8045.6	1.0817	2.3293	444.79	6.1324	7.2531
161 000	8046.0	1.0611	2.2849	444.79	6.0156	7.3940
161 500	8046.4	1.0408	2.2414	444.79	5.9010	7.5376
162 000	8046.8	1.0209	2.1987	444.79	5.7885	7.6840

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
162 500	8046.2	1.0511 –2	2.2636 +22	444.79	5.9595 +6	7.4636 –5
163 000	8046.6	1.0314	2.2211	444.79	5.8476	7.6063
163 500	8047.0	1.0120	2.1795	444.79	5.7379	7.7517
164 000	8047.3	9.9295 –3	2.1386	444.79	5.6303	7.8999
164 500	8047.7	9.7427	2.0985	444.79	5.5247	8.0510
165 000	8048.1	9.5595	2.0591	444.79	5.4210	8.2049
165 500	8048.5	9.3797	2.0205	444.79	5.3194	8.3617
166 000	8048.9	9.2034	1.9826	444.79	5.2196	8.5216
166 500	8049.3	9.0303	1.9454	444.79	5.1217	8.6845
167 000	8049.6	8.8605	1.9089	444.79	5.0256	8.8504
167 500	8050.0	8.6940 –3	1.8731 +22	444.79	4.9314 +6	9.0196 –5
168 000	8050.4	8.5305	1.8380	444.79	4.8389	9.1920
168 500	8050.8	8.3702	1.8035	444.79	4.7482	9.3676
169 000	8043.1	8.2210	1.7715	444.57	4.6614	9.5371
169 500	8031.0	8.0787	1.7409	444.22	4.5774	9.7046
170 000	8018.9	7.9387	1.7108	443.88	4.4948	9.8753
170 500	8006.8	7.8010	1.6812	443.53	4.4136	1.0049 –4
171 000	7994.6	7.6654	1.6520	443.18	4.3337	1.0227
171 500	7982.5	7.5319	1.6234	442.84	4.2551	1.0407
172 000	7970.4	7.4006	1.5951	442.49	4.1779	1.0591
172 500	7958.3	7.2714 –3	1.5674 +22	442.14	4.1019 +6	1.0779 –4
173 000	7946.2	7.1442	1.5400	441.80	4.0272	1.0970
173 500	7934.1	7.0191	1.5131	441.45	3.9537	1.1165
174 000	7922.0	6.8960	1.4867	441.10	3.8815	1.1364
174 500	7909.9	6.7749	1.4606	440.75	3.8105	1.1567
175 000	7897.7	6.6557	1.4350	440.41	3.7407	1.1773
175 500	7885.6	6.5384	1.4098	440.06	3.6720	1.1984
176 000	7873.5	6.4231	1.3850	439.71	3.6046	1.2199
176 500	7861.4	6.3095	1.3605	439.36	3.5382	1.2418
177 000	7849.3	6.1979	1.3365	439.01	3.4730	1.2641
177 500	7837.2	6.0880 –3	1.3129 +22	438.66	3.4089 +6	1.2868 –4
178 000	7825.0	5.9799	1.2897	438.31	3.3458	1.3100
178 500	7812.9	5.8736	1.2668	437.96	3.2839	1.3337
179 000	7800.8	5.7690	1.2443	437.61	3.2230	1.3578
179 500	7788.7	5.6661	1.2221	437.26	3.1631	1.3824
180 000	7776.6	5.5649	1.2004	436.91	3.1043	1.4075
180 500	7764.4	5.4653	1.1790	436.56	3.0464	1.4330
181 000	7752.3	5.3674	1.1579	436.21	2.9896	1.4591
181 500	7740.2	5.2711	1.1372	435.86	2.9337	1.4857
182 000	7728.1	5.1763	1.1168	435.50	2.8788	1.5128
182 500	7716.0	5.0831 –3	1.0967 +22	435.15	2.8248 +6	1.5405 –4
183 000	7703.8	4.9915	1.0770	434.80	2.7718	1.5687
183 500	7691.7	4.9014	1.0576	434.45	2.7196	1.5975
184 000	7679.6	4.8127	1.0385	434.09	2.6684	1.6268
184 500	7667.5	4.7255	1.0198	433.74	2.6181	1.6567
185 000	7655.3	4.6398	1.0013	433.39	2.5686	1.6873
185 500	7643.2	4.5555	9.8316 +21	433.03	2.5200	1.7184
186 000	7631.1	4.4726	9.6531	432.68	2.4722	1.7502
186 500	7618.9	4.3911	9.4776	432.33	2.4253	1.7826
187 000	7606.8	4.3109	9.3050	431.97	2.3792	1.8157
187 500	7594.7	4.2321 –3	9.1353 +21	431.62	2.3338 +6	1.8494 –4
188 000	7582.6	4.1545	8.9684	431.26	2.2893	1.8838
188 500	7570.4	4.0783	8.8043	430.91	2.2456	1.9189
189 000	7558.3	4.0034	8.6430	430.55	2.2026	1.9547
189 500	7546.2	3.9297	8.4843	430.19	2.1604	1.9913
190 000	7534.0	3.8573	8.3283	429.84	2.1189	2.0286
190 500	7521.9	3.7861	8.1750	429.48	2.0782	2.0666
191 000	7509.8	3.7161	8.0242	429.13	2.0382	2.1055
191 500	7497.6	3.6473	7.8760	428.77	1.9988	2.1451
192 000	7485.5	3.5796	7.7303	428.41	1.9602	2.1855

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
162 500	8047.2	1.0014 –2	2.1568 +22	444.79	5.6782 +6	7.8332 –5
163 000	8047.6	9.8230 –3	2.1157	444.79	5.5701	7.9854
163 500	8048.0	9.6353	2.0754	444.79	5.4639	8.1405
164 000	8048.3	9.4513	2.0358	444.79	5.3598	8.2986
164 500	8048.7	9.2708	1.9971	444.79	5.2577	8.4598
165 000	8049.1	9.0937	1.9590	444.79	5.1575	8.6241
165 500	8049.5	8.9200	1.9217	444.79	5.0593	8.7916
166 000	8049.9	8.7496	1.8851	444.79	4.9629	8.9624
166 500	8050.3	8.5825	1.8492	444.79	4.8683	9.1364
167 000	8050.7	8.4186	1.8139	444.79	4.7756	9.3139
167 500	8046.6	8.2624 –3	1.7803 +22	444.67	4.6859 +6	9.4895 –5
168 000	8034.3	8.1171	1.7491	444.31	4.6001	9.6588
168 500	8022.0	7.9742	1.7184	443.96	4.5158	9.8314
169 000	8009.6	7.8336	1.6882	443.61	4.4328	1.0007 –4
169 500	7997.3	7.6953	1.6585	443.26	4.3513	1.0187
170 000	7985.0	7.5592	1.6292	442.91	4.2712	1.0370
170 500	7972.7	7.4253	1.6004	442.56	4.1924	1.0556
171 000	7960.4	7.2936	1.5721	442.20	4.1149	1.0746
171 500	7948.1	7.1640	1.5443	441.85	4.0388	1.0940
172 000	7935.8	7.0364	1.5169	441.50	3.9639	1.1138
172 500	7923.5	6.9110 –3	1.4899 +22	441.14	3.8903 +6	1.1340 –4
173 000	7911.1	6.7876	1.4634	440.79	3.8180	1.1545
173 500	7898.8	6.6662	1.4373	440.44	3.7469	1.1755
174 000	7886.5	6.5468	1.4116	440.08	3.6770	1.1969
174 500	7874.2	6.4294	1.3863	439.73	3.6083	1.2187
175 000	7861.9	6.3139	1.3615	439.37	3.5407	1.2409
175 500	7849.5	6.2002	1.3370	439.02	3.4744	1.2636
176 000	7837.2	6.0885	1.3130	438.66	3.4091	1.2867
176 500	7824.9	5.9785	1.2894	438.31	3.3450	1.3103
177 000	7812.6	5.8704	1.2661	437.95	3.2820	1.3344
177 500	7800.2	5.7641 –3	1.2432 +22	437.59	3.2201 +6	1.3589 –4
178 000	7787.9	5.6595	1.2207	437.24	3.1593	1.3840
178 500	7775.6	5.5567	1.1986	436.88	3.0995	1.4095
179 000	7763.2	5.4555	1.1768	436.52	3.0407	1.4356
179 500	7750.9	5.3561	1.1554	436.17	2.9830	1.4622
180 000	7738.6	5.2583	1.1344	435.81	2.9263	1.4893
180 500	7726.2	5.1621	1.1137	435.45	2.8705	1.5170
181 000	7713.9	5.0675	1.0934	435.09	2.8158	1.5452
181 500	7701.6	4.9745	1.0733	434.73	2.7619	1.5740
182 000	7689.2	4.8831	1.0537	434.38	2.7091	1.6034
182 500	7676.9	4.7932 –3	1.0343 +22	434.02	2.6571 +6	1.6334 –4
183 000	7664.5	4.7048	1.0153	433.66	2.6061	1.6640
183 500	7652.2	4.6179	9.9660 +21	433.30	2.5560	1.6952
184 000	7639.9	4.5325	9.7821	432.94	2.5067	1.7271
184 500	7627.5	4.4485	9.6013	432.58	2.4583	1.7596
185 000	7615.2	4.3659	9.4235	432.22	2.4108	1.7928
185 500	7602.8	4.2848	9.2488	431.85	2.3641	1.8267
186 000	7590.5	4.2050	9.0770	431.49	2.3183	1.8613
186 500	7578.1	4.1265	8.9081	431.13	2.2732	1.8966
187 000	7565.8	4.0494	8.7421	430.77	2.2290	1.9326
187 500	7553.4	3.9736 –3	8.5789 +21	430.41	2.1855 +6	1.9693 –4
188 000	7541.1	3.8992	8.4184	430.05	2.1429	2.0069
188 500	7528.7	3.8259	8.2608	429.68	2.1010	2.0452
189 000	7516.4	3.7540	8.1058	429.32	2.0598	2.0843
189 500	7504.0	3.6832	7.9534	428.96	2.0194	2.1242
190 000	7491.6	3.6137	7.8037	428.59	1.9797	2.1649
190 500	7479.3	3.5454	7.6566	428.23	1.9407	2.2066
191 000	7466.9	3.4783	7.5120	427.86	1.9024	2.2490
191 500	7454.6	3.4123	7.3698	427.50	1.8648	2.2924
192 000	7442.2	3.3475	7.2302	427.13	1.8279	2.3367

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
192 500	7473.4	3.5131 –3	7.5870 +21	428.05	1.9223 +6	2.2268 –4
193 000	7461.2	3.4478	7.4462	427.70	1.8850	2.2689
193 500	7449.1	3.3835	7.3077	427.34	1.8484	2.3119
194 000	7437.0	3.3203	7.1717	426.98	1.8125	2.3558
194 500	7424.8	3.2582	7.0379	426.62	1.7772	2.4005
195 000	7412.7	3.1972	6.9064	426.26	1.7425	2.4462
195 500	7400.5	3.1372	6.7772	425.90	1.7085	2.4929
196 000	7388.4	3.0783	6.6501	425.54	1.6750	2.5405
196 500	7376.3	3.0204	6.5253	425.18	1.6422	2.5891
197 000	7364.1	2.9634	6.4026	424.82	1.6100	2.6387
197 500	7352.0	2.9075 –3	6.2820 +21	424.46	1.5783 +6	2.6894 –4
198 000	7339.8	2.8525	6.1635	424.10	1.5472	2.7411
198 500	7327.7	2.7984	6.0470	423.74	1.5167	2.7939
199 000	7315.5	2.7453	5.9326	423.38	1.4867	2.8478
199 500	7303.4	2.6932	5.8201	423.02	1.4573	2.9028
200 000	7291.3	2.6419	5.7096	422.66	1.4284	2.9590
200 500	7279.1	2.5915	5.6010	422.29	1.4000	3.0164
201 000	7267.0	2.5420	5.4942	421.93	1.3721	3.0750
201 500	7254.8	2.4934	5.3894	421.57	1.3448	3.1348
202 000	7242.7	2.4456	5.2864	421.21	1.3180	3.1959
202 500	7230.5	2.3987 –3	5.1851 +21	420.84	1.2916 +6	3.2583 –4
203 000	7218.4	2.3526	5.0857	420.48	1.2657	3.3220
203 500	7206.2	2.3073	4.9880	420.11	1.2403	3.3871
204 000	7194.1	2.2627	4.8920	419.75	1.2154	3.4535
204 500	7181.9	2.2190	4.7977	419.39	1.1910	3.5214
205 000	7169.8	2.1761	4.7051	419.02	1.1670	3.5907
205 500	7157.6	2.1339	4.6141	418.66	1.1434	3.6616
206 000	7145.5	2.0924	4.5247	418.29	1.1203	3.7339
206 500	7133.3	2.0517	4.4369	417.92	1.0976	3.8078
207 000	7121.2	2.0118	4.3506	417.56	1.0753	3.8833
207 500	7109.0	1.9725 –3	4.2659 +21	417.19	1.0534 +6	3.9604 –4
208 000	7096.9	1.9339	4.1827	416.83	1.0320	4.0392
208 500	7084.7	1.8961	4.1010	416.46	1.0109	4.1197
209 000	7072.6	1.8589	4.0207	416.09	9.9025 +5	4.2019
209 500	7060.4	1.8223	3.9419	415.72	9.6998	4.2859
210 000	7048.3	1.7865	3.8645	415.36	9.5009	4.3718
210 500	7036.1	1.7512	3.7885	414.99	9.3057	4.4595
211 000	7023.9	1.7166	3.7138	414.62	9.1143	4.5491
211 500	7011.8	1.6827	3.6405	414.25	8.9264	4.6407
212 000	6999.6	1.6493	3.5685	413.88	8.7421	4.7343
212 500	6987.5	1.6166 –3	3.4979 +21	413.51	8.5613 +5	4.8300 –4
213 000	6975.3	1.5844	3.4285	413.14	8.3839	4.9278
213 500	6963.2	1.5529	3.3603	412.77	8.2099	5.0277
214 000	6951.0	1.5219	3.2934	412.40	8.0393	5.1298
214 500	6938.8	1.4915	3.2277	412.03	7.8718	5.2342
215 000	6926.7	1.4616	3.1632	411.66	7.7076	5.3409
215 500	6914.5	1.4323	3.0999	411.29	7.5466	5.4500
216 000	6902.3	1.4035	3.0378	410.92	7.3886	5.5615
216 500	6890.2	1.3752	2.9768	410.54	7.2336	5.6755
217 000	6878.0	1.3475	2.9169	410.17	7.0817	5.7920
217 500	6865.9	1.3203 –3	2.8581 +21	409.80	6.9327 +5	5.9111 –4
218 000	6853.7	1.2936	2.8004	409.43	6.7865	6.0329
218 500	6841.5	1.2674	2.7438	409.05	6.6432	6.1575
219 000	6829.4	1.2416	2.6882	408.68	6.5027	6.2848
219 500	6817.2	1.2164	2.6336	408.31	6.3649	6.4150
220 000	6805.0	1.1916	2.5801	407.93	6.2297	6.5481
220 500	6792.9	1.1672	2.5275	407.56	6.0972	6.6843
221 000	6780.7	1.1434	2.4759	407.18	5.9673	6.8235
221 500	6768.5	1.1200	2.4253	406.81	5.8400	6.9659
222 000	6756.3	1.0970	2.3757	406.43	5.7151	7.1115

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
192 500	7429.8	3.2838 –3	7.0929 +21	426.77	1.7917 +6	2.3819 –4
193 000	7417.5	3.2212	6.9580	426.40	1.7561	2.4281
193 500	7405.1	3.1597	6.8255	426.04	1.7212	2.4752
194 000	7392.7	3.0992	6.6952	425.67	1.6869	2.5234
194 500	7380.4	3.0398	6.5673	425.30	1.6532	2.5726
195 000	7368.0	2.9815	6.4415	424.94	1.6202	2.6228
195 500	7355.6	2.9242	6.3180	424.57	1.5877	2.6741
196 000	7343.2	2.8678	6.1966	424.20	1.5559	2.7264
196 500	7330.9	2.8125	6.0773	423.84	1.5246	2.7799
197 000	7318.5	2.7582	5.9602	423.47	1.4939	2.8346
197 500	7306.1	2.7048 –3	5.8451 +21	423.10	1.4638 +6	2.8904 –4
198 000	7293.7	2.6523	5.7320	422.73	1.4342	2.9474
198 500	7281.4	2.6008	5.6209	422.36	1.4052	3.0057
199 000	7269.0	2.5502	5.5118	421.99	1.3767	3.0652
199 500	7256.6	2.5005	5.4046	421.62	1.3488	3.1260
200 000	7244.2	2.4516	5.2993	421.25	1.3213	3.1881
200 500	7231.8	2.4037	5.1959	420.88	1.2944	3.2515
201 000	7219.5	2.3566	5.0944	420.51	1.2680	3.3163
201 500	7207.1	2.3103	4.9946	420.14	1.2421	3.3826
202 000	7194.7	2.2649	4.8966	419.77	1.2166	3.4503
202 500	7182.3	2.2203 –3	4.8004 +21	419.40	1.1917 +6	3.5194 –4
203 000	7169.9	2.1765	4.7059	419.02	1.1672	3.5901
203 500	7157.5	2.1334	4.6131	418.65	1.1431	3.6623
204 000	7145.1	2.0912	4.5220	418.28	1.1196	3.7361
204 500	7132.7	2.0497	4.4325	417.91	1.0964	3.8115
205 000	7120.3	2.0090	4.3446	417.53	1.0737	3.8886
205 500	7107.9	1.9690	4.2584	417.16	1.0515	3.9674
206 000	7095.5	1.9297	4.1736	416.78	1.0296	4.0479
206 500	7083.1	1.8912	4.0905	416.41	1.0082	4.1303
207 000	7070.7	1.8533	4.0088	416.04	9.8718 +5	4.2144
207 500	7058.3	1.8162 –3	3.9286 +21	415.66	9.6656 +5	4.3004 –4
208 000	7045.9	1.7797	3.8499	415.29	9.4634	4.3884
208 500	7033.5	1.7439	3.7726	414.91	9.2650	4.4782
209 000	7021.1	1.7087	3.6967	414.53	9.0705	4.5701
209 500	7008.7	1.6742	3.6223	414.16	8.8797	4.6641
210 000	6996.3	1.6404	3.5492	413.78	8.6926	4.7602
210 500	6983.9	1.6071	3.4774	413.40	8.5091	4.8584
211 000	6971.5	1.5745	3.4070	413.03	8.3291	4.9588
211 500	6959.1	1.5425	3.3379	412.65	8.1526	5.0615
212 000	6946.7	1.5110	3.2700	412.27	7.9796	5.1666
212 500	6934.3	1.4802 –3	3.2034 +21	411.89	7.8099 +5	5.2740 –4
213 000	6921.9	1.4499	3.1380	411.51	7.6435	5.3838
213 500	6909.4	1.4202	3.0739	411.13	7.4804	5.4961
214 000	6897.0	1.3911	3.0110	410.75	7.3205	5.6110
214 500	6884.6	1.3625	2.9492	410.37	7.1637	5.7286
215 000	6872.2	1.3344	2.8886	409.99	7.0099	5.8488
215 500	6859.8	1.3069	2.8291	409.61	6.8592	5.9717
216 000	6847.3	1.2799	2.7708	409.23	6.7115	6.0975
216 500	6834.9	1.2533	2.7135	408.85	6.5667	6.2262
217 000	6822.5	1.2273	2.6573	408.47	6.4247	6.3578
217 500	6810.1	1.2018 –3	2.6022 +21	408.09	6.2856 +5	6.4925 –4
218 000	6797.7	1.1768	2.5481	407.71	6.1492	6.6302
218 500	6785.2	1.1522	2.4951	407.32	6.0155	6.7712
219 000	6772.8	1.1281	2.4430	406.94	5.8845	6.9154
219 500	6760.4	1.1045	2.3920	406.56	5.7561	7.0630
220 000	6747.9	1.0813	2.3419	406.17	5.6303	7.2141
220 500	6735.5	1.0586	2.2928	405.79	5.5070	7.3686
221 000	6723.1	1.0363	2.2446	405.40	5.3861	7.5268
221 500	6710.6	1.0144	2.1973	405.02	5.2677	7.6887
222 000	6698.2	9.9300 –4	2.1510	404.63	5.1517	7.8544

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
222 500	6744.2	1.0744 –3	2.3269 +21	406.06	5.5927 +5	7.2605 –4
223 000	6732.0	1.0523	2.2791	405.68	5.4727	7.4128
223 500	6719.8	1.0306	2.2322	405.30	5.3551	7.5686
224 000	6707.7	1.0093	2.1862	404.93	5.2397	7.7280
224 500	6695.5	9.8837 –4	2.1410	404.55	5.1267	7.8910
225 000	6683.3	9.6787	2.0967	404.17	5.0159	8.0578
225 500	6671.1	9.4775	2.0532	403.79	4.9073	8.2284
226 000	6659.0	9.2802	2.0106	403.42	4.8009	8.4030
226 500	6646.8	9.0867	1.9687	403.04	4.6966	8.5816
227 000	6634.6	8.8968	1.9277	402.66	4.5943	8.7643
227 500	6622.4	8.7106 –4	1.8874 +21	402.28	4.4941 +5	8.9512 –4
228 000	6610.3	8.5279	1.8479	401.90	4.3959	9.1425
228 500	6598.1	8.3488	1.8092	401.52	4.2997	9.3383
229 000	6585.9	8.1730	1.7712	401.14	4.2054	9.5386
229 500	6573.7	8.0007	1.7339	400.76	4.1131	9.7436
230 000	6561.5	7.8317	1.6974	400.38	4.0225	9.9534
230 500	6549.4	7.6660	1.6615	400.00	3.9338	1.0168 –3
231 000	6537.2	7.5034	1.6264	399.62	3.8470	1.0388
231 500	6525.0	7.3441	1.5919	399.23	3.7618	1.0613
232 000	6512.8	7.1878	1.5581	398.85	3.6784	1.0843
232 500	6500.6	7.0345 –4	1.5250 +21	398.47	3.5967 +5	1.1079 –3
233 000	6488.5	6.8843	1.4925	398.09	3.5167	1.1320
233 500	6476.3	6.7370	1.4606	397.70	3.4383	1.1567
234 000	6464.1	6.5925	1.4294	397.32	3.3615	1.1820
234 500	6451.9	6.4510	1.3987	396.93	3.2863	1.2079
235 000	6439.7	6.3121	1.3687	396.55	3.2126	1.2344
235 500	6427.5	6.1761	1.3392	396.17	3.1404	1.2615
236 000	6418.4	6.0398	1.3098	395.87	3.0690	1.2899
236 500	6409.8	5.9059	1.2808	395.60	2.9991	1.3191
237 000	6401.2	5.7748	1.2524	395.32	2.9306	1.3490
237 500	6392.6	5.6465 –4	1.2246 +21	395.05	2.8636 +5	1.3796 –3
238 000	6383.9	5.5208	1.1974	394.77	2.7980	1.4109
238 500	6375.3	5.3978	1.1708	394.50	2.7339	1.4430
239 000	6366.7	5.2773	1.1447	394.22	2.6712	1.4758
239 500	6358.1	5.1594	1.1192	393.94	2.6098	1.5095
240 000	6349.5	5.0440	1.0942	393.67	2.5497	1.5440
240 500	6340.8	4.9310	1.0698	393.39	2.4909	1.5793
241 000	6332.2	4.8203	1.0458	393.11	2.4335	1.6155
241 500	6323.6	4.7121	1.0224	392.84	2.3772	1.6525
242 000	6315.0	4.6061	9.9942 +20	392.56	2.3222	1.6905
242 500	6306.4	4.5023 –4	9.7695 +20	392.28	2.2684 +5	1.7293 –3
243 000	6297.7	4.4007	9.5496	392.00	2.2158	1.7692
243 500	6289.1	4.3013	9.3343	391.73	2.1643	1.8099
244 000	6280.5	4.2041	9.1237	391.45	2.1140	1.8517
244 500	6271.9	4.1089	8.9174	391.17	2.0647	1.8946
245 000	6263.2	4.0157	8.7156	390.89	2.0165	1.9384
245 500	6254.6	3.9245	8.5181	390.61	1.9694	1.9834
246 000	6246.0	3.8352	8.3248	390.34	1.9234	2.0294
246 500	6237.4	3.7479	8.1356	390.06	1.8783	2.0766
247 000	6228.7	3.6624	7.9505	389.78	1.8343	2.1250
247 500	6220.1	3.5788 –4	7.7693 +20	389.50	1.7912 +5	2.1745 –3
248 000	6211.5	3.4970	7.5920	389.22	1.7491	2.2253
248 500	6202.8	3.4169	7.4186	388.94	1.7079	2.2774
249 000	6194.2	3.3386	7.2488	388.66	1.6676	2.3307
249 500	6185.6	3.2619	7.0827	388.38	1.6282	2.3853
250 000	6177.0	3.1869	6.9202	388.10	1.5897	2.4414
250 500	6168.3	3.1136	6.7612	387.82	1.5520	2.4988
251 000	6159.7	3.0418	6.6056	387.54	1.5152	2.5576
251 500	6151.1	2.9716	6.4535	387.26	1.4793	2.6179
252 000	6142.4	2.9029	6.3046	386.98	1.4441	2.6798

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
222 500	6685.8	9.7196 –4	2.1055 +21	404.25	5.0380 +5	8.0239 –4
223 000	6673.3	9.5134	2.0610	403.86	4.9267	8.1975
223 500	6660.9	9.3111	2.0172	403.48	4.8175	8.3752
224 000	6648.4	9.1128	1.9744	403.09	4.7106	8.5570
224 500	6636.0	8.9183	1.9323	402.70	4.6059	8.7432
225 000	6623.6	8.7276	1.8911	402.31	4.5033	8.9338
225 500	6611.1	8.5406	1.8507	401.93	4.4028	9.1289
226 000	6598.7	8.3573	1.8110	401.54	4.3043	9.3287
226 500	6586.2	8.1776	1.7722	401.15	4.2079	9.5333
227 000	6573.8	8.0014	1.7341	400.76	4.1134	9.7427
227 500	6561.3	7.8287 –4	1.6967 +21	400.37	4.0209 +5	9.9572 –4
228 000	6548.9	7.6594	1.6601	399.98	3.9303	1.0177 –3
228 500	6536.4	7.4934	1.6242	399.59	3.8416	1.0402
229 000	6524.0	7.3307	1.5890	399.20	3.7547	1.0632
229 500	6511.5	7.1712	1.5545	398.81	3.6696	1.0868
230 000	6499.1	7.0149	1.5207	398.42	3.5863	1.1110
230 500	6486.6	6.8617	1.4876	398.03	3.5047	1.1357
231 000	6474.2	6.7116	1.4551	397.64	3.4248	1.1611
231 500	6461.7	6.5644	1.4233	397.24	3.3465	1.1870
232 000	6449.2	6.4202	1.3921	396.85	3.2699	1.2136
232 500	6436.8	6.2789 –4	1.3615 +21	396.46	3.1950 +5	1.2409 –3
233 000	6424.7	6.1400	1.3315	396.08	3.1214	1.2689
233 500	6415.9	6.0010	1.3014	395.80	3.0487	1.2982
234 000	6407.1	5.8649	1.2719	395.51	2.9776	1.3283
234 500	6398.3	5.7318	1.2431	395.23	2.9081	1.3591
235 000	6389.5	5.6014	1.2149	394.95	2.8401	1.3906
235 500	6380.7	5.4739	1.1873	394.67	2.7736	1.4230
236 000	6371.9	5.3490	1.1603	394.39	2.7085	1.4561
236 500	6363.0	5.2269	1.1338	394.10	2.6449	1.4901
237 000	6354.2	5.1074	1.1079	393.82	2.5827	1.5249
237 500	6345.4	4.9904 –4	1.0826 +21	393.54	2.5218 +5	1.5605 –3
238 000	6336.6	4.8759	1.0579	393.25	2.4623	1.5971
238 500	6327.8	4.7640	1.0336	392.97	2.4042	1.6345
239 000	6318.9	4.6544	1.0099	392.69	2.3473	1.6729
239 500	6310.1	4.5472	9.8667 +20	392.40	2.2917	1.7123
240 000	6301.3	4.4423	9.6396	392.12	2.2373	1.7526
240 500	6292.5	4.3397	9.4174	391.83	2.1842	1.7940
241 000	6283.6	4.2393	9.2000	391.55	2.1322	1.8364
241 500	6274.8	4.1411	8.9874	391.27	2.0814	1.8798
242 000	6266.0	4.0451	8.7793	390.98	2.0317	1.9244
242 500	6257.1	3.9511 –4	8.5758 +20	390.70	1.9832 +5	1.9700 –3
243 000	6248.3	3.8592	8.3767	390.41	1.9357	2.0169
243 500	6239.5	3.7693	8.1819	390.13	1.8893	2.0649
244 000	6230.7	3.6813	7.9914	389.84	1.8440	2.1141
244 500	6221.8	3.5953	7.8051	389.55	1.7997	2.1646
245 000	6213.0	3.5112	7.6228	389.27	1.7564	2.2163
245 500	6204.2	3.4289	7.4446	388.98	1.7140	2.2694
246 000	6195.3	3.3485	7.2702	388.70	1.6727	2.3238
246 500	6186.5	3.2698	7.0997	388.41	1.6322	2.3796
247 000	6177.6	3.1928	6.9330	388.12	1.5927	2.4369
247 500	6168.8	3.1176 –4	6.7699 +20	387.83	1.5541 +5	2.4956 –3
248 000	6160.0	3.0440	6.6104	387.55	1.5164	2.5558
248 500	6151.1	2.9720	6.4545	387.26	1.4795	2.6175
249 000	6142.3	2.9017	6.3020	386.97	1.4435	2.6809
249 500	6133.4	2.8329	6.1529	386.68	1.4083	2.7458
250 000	6124.6	2.7656	6.0071	386.40	1.3739	2.8125
250 500	6115.8	2.6999	5.8645	386.11	1.3403	2.8808
251 000	6106.9	2.6356	5.7251	385.82	1.3074	2.9510
251 500	6098.1	2.5727	5.5889	385.53	1.2754	3.0229
252 000	6089.2	2.5113	5.4557	385.24	1.2440	3.0967

VALUES IN TERMS OF GEOMETRICAL ALTITUDE

h (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
252 500	6133.8	2.8357 –4	6.1589 +20	386.70	1.4097 +5	2.7431 –3
253 000	6125.2	2.7699	6.0164	386.41	1.3761	2.8081
253 500	6116.5	2.7056	5.8770	386.13	1.3432	2.8747
254 000	6107.9	2.6427	5.7407	385.85	1.3111	2.9430
254 500	6099.3	2.5812	5.6073	385.57	1.2797	3.0130
255 000	6090.6	2.5210	5.4768	385.29	1.2490	3.0847
255 500	6082.0	2.4622	5.3492	385.00	1.2190	3.1583
256 000	6073.4	2.4046	5.2244	384.72	1.1897	3.2338
256 500	6064.7	2.3483	5.1024	384.44	1.1611	3.3111
257 000	6056.1	2.2933	4.9830	384.16	1.1331	3.3905
257 500	6047.5	2.2394 –4	4.8662 +20	383.87	1.1057 +5	3.4718 –3
258 000	6038.8	2.1868	4.7521	383.59	1.0790	3.5552
258 500	6030.2	2.1353	4.6404	383.31	1.0528	3.6408
259 000	6021.6	2.0850	4.5312	383.02	1.0273	3.7285
259 500	6012.9	2.0357	4.4245	382.74	1.0023	3.8185
260 000	6004.3	1.9876	4.3201	382.46	9.7796 +4	3.9107
260 500	5995.7	1.9406	4.2180	382.17	9.5414	4.0054
261 000	5987.0	1.8945	4.1182	381.89	9.3087	4.1025
261 500	5978.4	1.8496	4.0206	381.60	9.0814	4.2020
262 000	5969.7	1.8056	3.9252	381.32	8.8592	4.3042
262 500	5961.1	1.7626 –4	3.8319 +20	381.03	8.6422 +4	4.4090 –3

VALUES IN TERMS OF GEOPOTENTIAL ALTITUDE

H (ft)	H_p (m)	γ (N/m^3)	n (m^{-3})	$\bar{v}$ (m/s)	ω (s^{-1})	l (m)
252 500	6080.4	2.4512 –4	5.3254 +20	384.95	1.2134 +5	3.1724 –3
253 000	6071.5	2.3925	5.1981	384.66	1.1835	3.2501
253 500	6062.7	2.3351	5.0737	384.37	1.1543	3.3299
254 000	6053.8	2.2790	4.9520	384.08	1.1258	3.4117
254 500	6045.0	2.2242	4.8331	383.79	1.0979	3.4956
255 000	6036.1	2.1706	4.7169	383.50	1.0707	3.5818
255 500	6027.3	2.1182	4.6033	383.21	1.0441	3.6702
256 000	6018.4	2.0670	4.4922	382.92	1.0182	3.7609
256 500	6009.6	2.0169	4.3837	382.63	9.9282 +4	3.8540
257 000	6000.7	1.9681	4.2776	382.34	9.6806	3.9495
257 500	5991.9	1.9203 –4	4.1740 +20	382.05	9.4388 +4	4.0476 –3
258 000	5983.0	1.8736	4.0727	381.75	9.2027	4.1483
258 500	5974.2	1.8280	3.9737	381.46	8.9722	4.2516
259 000	5965.3	1.7834	3.8770	381.17	8.7471	4.3577
259 500	5956.4	1.7398	3.7825	380.88	8.5273	4.4666
260 000	5947.6	1.6973	3.6901	380.59	8.3127	4.5783
260 500	5938.7	1.6557	3.5999	380.29	8.1032	4.6931
261 000	5929.9	1.6151	3.5117	380.00	7.8987	4.8109
261 500	5921.0	1.5754	3.4256	379.71	7.6990	4.9319
262 000	5912.1	1.5366	3.3415	379.41	7.5041	5.0561
262 500	5903.3	1.4987 –4	3.2593 +20	379.12	7.3138 +4	5.1836 –3

TABLE 7

Geopotential altitude (*H*) as a function of pressure (*p*) in hectopascals (hPa) and fractions thereof
(altitudes in metres and feet)

TABLEAU 7

Altitude géopotentielle (*H*) en fonction de la pression (*p*) exprimée en hectopascals (hPa) et fractions d'hectopascals
(altitudes en mètres et en pieds)

TABLA 7

Altitud geopotencial (*H*) en función de la presión (*p*) en hectopascales (hPa) y fracciones de hectopascales
(altitudes en metros y en pies)

ТАБЛИЦА 7

Геопотенциальная высота *(H)* в зависимости от давления *(p)* в гектопаскалях (гПа) и долях гектопаскаля
(высоты в метрах и футах)

GEOPOTENTIAL ALTITUDE *H* (in metres)
ALTITUDE GÉOPOTENTIELLE *H* (en mètres)
ALTITUD GEOPOTENCIAL *H* (en metros)
ГЕОПОТЕНЦИАЛЬНАЯ ВЫСОТА *H* (в метрах)

p (hPa)	Hectopascal fractions • Fractions d'hectopascals • Fracciones de hectopascales • Доли гектопаскаля

GEOPOTENTIAL ALTITUDE *H* (in feet)
ALTITUDE GÉOPOTENTIELLE *H* (en pieds)
ALTITUD GEOPOTENCIAL *H* (en pies)
ГЕОПОТЕНЦИАЛЬНАЯ ВЫСОТА *H* (в футах)

p (hPa)	Hectopascal fractions • Fractions d'hectopascals • Fracciones de hectopascales • Доли гектопаскаля

GEOPOTENTIAL ALTITUDE (METRES)

	Hectopascal fractions									
p (hPa)	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
8.60									32 000	31 992
8.70	31 985	31 977	31 969	31 962	31 954	31 946	31 939	31 931	31 923	31 916
8.80	31 908	31 901	31 893	31 885	31 878	31 870	31 863	31 855	31 848	31 840
8.90	31 833	31 825	31 818	31 810	31 803	31 795	31 788	31 780	31 773	31 765
9.00	31 758	31 751	31 743	31 736	31 728	31 721	31 714	31 706	31 699	31 691
9.10	31 684	31 677	31 669	31 662	31 655	31 647	31 640	31 633	31 626	31 618
9.20	31 611	31 604	31 597	31 589	31 582	31 575	31 568	31 560	31 553	31 546
9.30	31 539	31 532	31 524	31 517	31 510	31 503	31 496	31 489	31 482	31 474
9.40	31 467	31 460	31 453	31 446	31 439	31 432	31 425	31 418	31 411	31 404
9.50	31 397	31 390	31 383	31 376	31 369	31 362	31 355	31 348	31 341	31 334
9.60	31 327	31 320	31 313	31 306	31 299	31 292	31 285	31 278	31 271	31 265
9.70	31 258	31 251	31 244	31 237	31 230	31 223	31 217	31 210	31 203	31 196
9.80	31 189	31 182	31 176	31 169	31 162	31 155	31 149	31 142	31 135	31 128
9.90	31 122	31 115	31 108	31 101	31 095	31 088	31 081	31 075	31 068	31 061
10.00	31 055	31 048	31 041	31 035	31 028	31 021	31 015	31 008	31 002	30 995
10.10	30 988	30 982	30 975	30 969	30 962	30 955	30 949	30 942	30 936	30 929
10.20	30 923	30 916	30 910	30 903	30 897	30 890	30 884	30 877	30 871	30 864
10.30	30 858	30 851	30 845	30 838	30 832	30 825	30 819	30 813	30 806	30 800
10.40	30 793	30 787	30 781	30 774	30 768	30 761	30 755	30 749	30 742	30 736
10.50	30 730	30 723	30 717	30 711	30 704	30 698	30 692	30 685	30 679	30 673
10.60	30 667	30 660	30 654	30 648	30 642	30 635	30 629	30 623	30 617	30 610
10.70	30 604	30 598	30 592	30 585	30 579	30 573	30 567	30 561	30 555	30 548
10.80	30 542	30 536	30 530	30 524	30 518	30 512	30 505	30 499	30 493	30 487
10.90	30 481	30 475	30 469	30 463	30 457	30 451	30 444	30 438	30 432	30 426
11.00	30 420	30 414	30 408	30 402	30 396	30 390	30 384	30 378	30 372	30 366
11.10	30 360	30 354	30 348	30 342	30 336	30 330	30 324	30 318	30 312	30 306
11.20	30 300	30 295	30 289	30 283	30 277	30 271	30 265	30 259	30 253	30 247
11.30	30 241	30 236	30 230	30 224	30 218	30 212	30 206	30 200	30 195	30 189
11.40	30 183	30 177	30 171	30 165	30 160	30 154	30 148	30 142	30 137	30 131
11.50	30 125	30 119	30 113	30 108	30 102	30 096	30 090	30 085	30 079	30 073
11.60	30 067	30 062	30 056	30 050	30 045	30 039	30 033	30 028	30 022	30 016
11.70	30 011	30 005	29 999	29 994	29 988	29 982	29 977	29 971	29 965	29 960
11.80	29 954	29 948	29 943	29 937	29 932	29 926	29 920	29 915	29 909	29 904
11.90	29 898	29 893	29 887	29 881	29 876	29 870	29 865	29 859	29 854	29 848
12.00	29 843	29 837	29 832	29 826	29 821	29 815	29 810	29 804	29 799	29 793
12.10	29 788	29 782	29 777	29 771	29 766	29 760	29 755	29 749	29 744	29 739
12.20	29 733	29 728	29 722	29 717	29 711	29 706	29 701	29 695	29 690	29 684
12.30	29 679	29 674	29 668	29 663	29 657	29 652	29 647	29 641	29 636	29 631
12.40	29 625	29 620	29 615	29 609	29 604	29 599	29 593	29 588	29 583	29 577
12.50	29 572	29 567	29 562	29 556	29 551	29 546	29 540	29 535	29 530	29 525
12.60	29 519	29 514	29 509	29 504	29 498	29 493	29 488	29 483	29 477	29 472
12.70	29 467	29 462	29 457	29 451	29 446	29 441	29 436	29 431	29 426	29 420
12.80	29 415	29 410	29 405	29 400	29 395	29 389	29 384	29 379	29 374	29 369
12.90	29 364	29 359	29 353	29 348	29 343	29 338	29 333	29 328	29 323	29 318
13.00	29 313	29 308	29 302	29 297	29 292	29 287	29 282	29 277	29 272	29 267
13.10	29 262	29 257	29 252	29 247	29 242	29 237	29 232	29 227	29 222	29 217
13.20	29 212	29 207	29 202	29 197	29 192	29 187	29 182	29 177	29 172	29 167
13.30	29 162	29 157	29 152	29 147	29 142	29 137	29 132	29 127	29 122	29 117
13.40	29 112	29 107	29 102	29 097	29 093	29 088	29 083	29 078	29 073	29 068
13.50	29 063	29 058	29 053	29 048	29 044	29 039	29 034	29 029	29 024	29 019
13.60	29 014	29 009	29 005	29 000	28 995	28 990	28 985	28 980	28 976	28 971
13.70	28 966	28 961	28 956	28 952	28 947	28 942	28 937	28 932	28 928	28 923
13.80	28 918	28 913	28 908	28 904	28 899	28 894	28 889	28 885	28 880	28 875
13.90	28 870	28 866	28 861	28 856	28 851	28 847	28 842	28 837	28 832	28 828
14.00	28 823	28 818	28 814	28 809	28 804	28 799	28 795	28 790	28 785	28 781
14.10	28 776	28 771	28 767	28 762	28 757	28 753	28 748	28 743	28 739	28 734
14.20	28 729	28 725	28 720	28 715	28 711	28 706	28 702	28 697	28 692	28 688
14.30	28 683	28 678	28 674	28 669	28 665	28 660	28 655	28 651	28 646	28 642
14.40	28 637	28 633	28 628	28 623	28 619	28 614	28 610	28 605	28 601	28 596
14.50	28 591	28 587	28 582	28 578	28 573	28 569	28 564	28 560	28 555	28 551
14.60	28 546	28 542	28 537	28 533	28 528	28 524	28 519	28 515	28 510	28 506
14.70	28 501	28 497	28 492	28 488	28 483	28 479	28 474	28 470	28 465	28 461
14.80	28 456	28 452	28 448	28 443	28 439	28 434	28 430	28 425	28 421	28 417
14.90	28 412	28 408	28 403	28 399	28 394	28 390	28 386	28 381	28 377	28 372

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
8.60									104 987	104 962
8.70	104 937	104 911	104 886	104 861	104 836	104 811	104 786	104 761	104 736	104 711
8.80	104 686	104 661	104 636	104 611	104 586	104 561	104 537	104 512	104 487	104 462
8.90	104 438	104 413	104 389	104 364	104 339	104 315	104 290	104 266	104 241	104 217
9.00	104 193	104 168	104 144	104 120	104 095	104 071	104 047	104 023	103 999	103 974
9.10	103 950	103 926	103 902	103 878	103 854	103 830	103 806	103 782	103 758	103 735
9.20	103 711	103 687	103 663	103 639	103 616	103 592	103 568	103 545	103 521	103 497
9.30	103 474	103 450	103 427	103 403	103 380	103 356	103 333	103 309	103 286	103 263
9.40	103 239	103 216	103 193	103 170	103 146	103 123	103 100	103 077	103 054	103 031
9.50	103 008	102 985	102 962	102 939	102 916	102 893	102 870	102 847	102 824	102 801
9.60	102 778	102 756	102 733	102 710	102 687	102 665	102 642	102 619	102 597	102 574
9.70	102 552	102 529	102 506	102 484	102 461	102 439	102 417	102 394	102 372	102 349
9.80	102 327	102 305	102 282	102 260	102 238	102 216	102 194	102 171	102 149	102 127
9.90	102 105	102 083	102 061	102 039	102 017	101 995	101 973	101 951	101 929	101 907
10.00	101 885	101 863	101 841	101 820	101 798	101 776	101 754	101 733	101 711	101 689
10.10	101 668	101 646	101 624	101 603	101 581	101 560	101 538	101 517	101 495	101 474
10.20	101 452	101 431	101 409	101 388	101 367	101 345	101 324	101 303	101 282	101 260
10.30	101 239	101 218	101 197	101 176	101 154	101 133	101 112	101 091	101 070	101 049
10.40	101 028	101 007	100 986	100 965	100 944	100 923	100 902	100 882	100 861	100 840
10.50	100 819	100 798	100 777	100 757	100 736	100 715	100 695	100 674	100 653	100 633
10.60	100 612	100 591	100 571	100 550	100 530	100 509	100 489	100 468	100 448	100 428
10.70	100 407	100 387	100 366	100 346	100 326	100 305	100 285	100 265	100 245	100 224
10.80	100 204	100 184	100 164	100 144	100 123	100 103	100 083	100 063	100 043	100 023
10.90	100 003	99 983	99 963	99 943	99 923	99 903	99 883	99 863	99 844	99 824
11.00	99 804	99 784	99 764	99 745	99 725	99 705	99 685	99 666	99 646	99 626
11.10	99 607	99 587	99 567	99 548	99 528	99 509	99 489	99 470	99 450	99 431
11.20	99 411	99 392	99 372	99 353	99 333	99 314	99 295	99 275	99 256	99 237
11.30	99 217	99 198	99 179	99 160	99 140	99 121	99 102	99 083	99 064	99 045
11.40	99 025	99 006	98 987	98 968	98 949	98 930	98 911	98 892	98 873	98 854
11.50	98 835	98 816	98 797	98 778	98 760	98 741	98 722	98 703	98 684	98 665
11.60	98 647	98 628	98 609	98 590	98 572	98 553	98 534	98 516	98 497	98 478
11.70	98 460	98 441	98 423	98 404	98 385	98 367	98 348	98 330	98 311	98 293
11.80	98 275	98 256	98 238	98 219	98 201	98 183	98 164	98 146	98 128	98 109
11.90	98 091	98 073	98 054	98 036	98 018	98 000	97 982	97 963	97 945	97 927
12.00	97 909	97 891	97 873	97 855	97 837	97 818	97 800	97 782	97 764	97 746
12.10	97 728	97 710	97 692	97 675	97 657	97 639	97 621	97 603	97 585	97 567
12.20	97 549	97 532	97 514	97 496	97 478	97 461	97 443	97 425	97 407	97 390
12.30	97 372	97 354	97 337	97 319	97 301	97 284	97 266	97 249	97 231	97 214
12.40	97 196	97 179	97 161	97 144	97 126	97 109	97 091	97 074	97 056	97 039
12.50	97 022	97 004	96 987	96 969	96 952	96 935	96 917	96 900	96 883	96 866
12.60	96 848	96 831	96 814	96 797	96 780	96 762	96 745	96 728	96 711	96 694
12.70	96 677	96 660	96 643	96 625	96 608	96 591	96 574	96 557	96 540	96 523
12.80	96 506	96 489	96 473	96 456	96 439	96 422	96 405	96 388	96 371	96 354
12.90	96 338	96 321	96 304	96 287	96 270	96 254	96 237	96 220	96 203	96 187
13.00	96 170	96 153	96 137	96 120	96 103	96 087	96 070	96 053	96 037	96 020
13.10	96 004	95 987	95 971	95 954	95 938	95 921	95 905	95 888	95 872	95 855
13.20	95 839	95 822	95 806	95 789	95 773	95 757	95 740	95 724	95 708	95 691
13.30	95 675	95 659	95 642	95 626	95 610	95 594	95 577	95 561	95 545	95 529
13.40	95 513	95 496	95 480	95 464	95 448	95 432	95 416	95 400	95 384	95 367
13.50	95 351	95 335	95 319	95 303	95 287	95 271	95 255	95 239	95 223	95 207
13.60	95 191	95 176	95 160	95 144	95 128	95 112	95 096	95 080	95 064	95 049
13.70	95 033	95 017	95 001	94 985	94 970	94 954	94 938	94 922	94 907	94 891
13.80	94 875	94 859	94 844	94 828	94 812	94 797	94 781	94 766	94 750	94 734
13.90	94 719	94 703	94 688	94 672	94 657	94 641	94 625	94 610	94 594	94 579
14.00	94 564	94 548	94 533	94 517	94 502	94 486	94 471	94 456	94 440	94 425
14.10	94 409	94 394	94 379	94 363	94 348	94 333	94 317	94 302	94 287	94 272
14.20	94 256	94 241	94 226	94 211	94 196	94 180	94 165	94 150	94 135	94 120
14.30	94 105	94 089	94 074	94 059	94 044	94 029	94 014	93 999	93 984	93 969
14.40	93 954	93 939	93 924	93 909	93 894	93 879	93 864	93 849	93 834	93 819
14.50	93 804	93 789	93 774	93 759	93 744	93 730	93 715	93 700	93 685	93 670
14.60	93 655	93 641	93 626	93 611	93 596	93 581	93 567	93 552	93 537	93 523
14.70	93 508	93 493	93 478	93 464	93 449	93 434	93 420	93 405	93 390	93 376
14.80	93 361	93 347	93 332	93 317	93 303	93 288	93 274	93 259	93 245	93 230
14.90	93 216	93 201	93 187	93 172	93 158	93 143	93 129	93 114	93 100	93 086

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions									
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
15.00	28 368	28 364	28 359	28 355	28 351	28 346	28 342	28 337	28 333	28 329
15.10	28 324	28 320	28 316	28 311	28 307	28 303	28 298	28 294	28 290	28 285
15.20	28 281	28 277	28 272	28 268	28 264	28 259	28 255	28 251	28 246	28 242
15.30	28 238	28 233	28 229	28 225	28 220	28 216	28 212	28 208	28 203	28 199
15.40	28 195	28 191	28 186	28 182	28 178	28 173	28 169	28 165	28 161	28 156
15.50	28 152	28 148	28 144	28 139	28 135	28 131	28 127	28 123	28 118	28 114
15.60	28 110	28 106	28 101	28 097	28 093	28 089	28 085	28 080	28 076	28 072
15.70	28 068	28 064	28 059	28 055	28 051	28 047	28 043	28 039	28 034	28 030
15.80	28 026	28 022	28 018	28 014	28 009	28 005	28 001	27 997	27 993	27 989
15.90	27 985	27 980	27 976	27 972	27 968	27 964	27 960	27 956	27 952	27 947
16.00	27 943	27 939	27 935	27 931	27 927	27 923	27 919	27 915	27 911	27 907
16.10	27 902	27 898	27 894	27 890	27 886	27 882	27 878	27 874	27 870	27 866
16.20	27 862	27 858	27 854	27 850	27 846	27 841	27 837	27 833	27 829	27 825
16.30	27 821	27 817	27 813	27 809	27 805	27 801	27 797	27 793	27 789	27 785
16.40	27 781	27 777	27 773	27 769	27 765	27 761	27 757	27 753	27 749	27 745
16.50	27 741	27 737	27 733	27 729	27 725	27 721	27 717	27 713	27 709	27 705
16.60	27 701	27 698	27 694	27 690	27 686	27 682	27 678	27 674	27 670	27 666
16.70	27 662	27 658	27 654	27 650	27 646	27 642	27 639	27 635	27 631	27 627
16.80	27 623	27 619	27 615	27 611	27 607	27 603	27 599	27 596	27 592	27 588
16.90	27 584	27 580	27 576	27 572	27 568	27 565	27 561	27 557	27 553	27 549
17.00	27 545	27 541	27 537	27 534	27 530	27 526	27 522	27 518	27 514	27 511
17.10	27 507	27 503	27 499	27 495	27 491	27 488	27 484	27 480	27 476	27 472
17.20	27 468	27 465	27 461	27 457	27 453	27 449	27 446	27 442	27 438	27 434
17.30	27 430	27 427	27 423	27 419	27 415	27 411	27 408	27 404	27 400	27 396
17.40	27 393	27 389	27 385	27 381	27 378	27 374	27 370	27 366	27 363	27 359
17.50	27 355	27 351	27 348	27 344	27 340	27 336	27 333	27 329	27 325	27 321
17.60	27 318	27 314	27 310	27 307	27 303	27 299	27 295	27 292	27 288	27 284
17.70	27 281	27 277	27 273	27 269	27 266	27 262	27 258	27 255	27 251	27 247
17.80	27 244	27 240	27 236	27 233	27 229	27 225	27 222	27 218	27 214	27 211
17.90	27 207	27 203	27 200	27 196	27 192	27 189	27 185	27 181	27 178	27 174
18.00	27 170	27 167	27 163	27 159	27 156	27 152	27 149	27 145	27 141	27 138
18.10	27 134	27 130	27 127	27 123	27 120	27 116	27 112	27 109	27 105	27 102
18.20	27 098	27 094	27 091	27 087	27 084	27 080	27 076	27 073	27 069	27 066
18.30	27 062	27 059	27 055	27 051	27 048	27 044	27 041	27 037	27 034	27 030
18.40	27 026	27 023	27 019	27 016	27 012	27 009	27 005	27 002	26 998	26 995
18.50	26 991	26 987	26 984	26 980	26 977	26 973	26 970	26 966	26 963	26 959
18.60	26 956	26 952	26 949	26 945	26 942	26 938	26 935	26 931	26 928	26 924
18.70	26 921	26 917	26 914	26 910	26 907	26 903	26 900	26 896	26 893	26 889
18.80	26 886	26 882	26 879	26 875	26 872	26 868	26 865	26 861	26 858	26 854
18.90	26 851	26 848	26 844	26 841	26 837	26 834	26 830	26 827	26 823	26 820
19.00	26 816	26 813	26 810	26 806	26 803	26 799	26 796	26 792	26 789	26 786
19.10	26 782	26 779	26 775	26 772	26 768	26 765	26 762	26 758	26 755	26 751
19.20	26 748	26 745	26 741	26 738	26 734	26 731	26 728	26 724	26 721	26 717
19.30	26 714	26 711	26 707	26 704	26 700	26 697	26 694	26 690	26 687	26 684
19.40	26 680	26 677	26 673	26 670	26 667	26 663	26 660	26 657	26 653	26 650
19.50	26 647	26 643	26 640	26 637	26 633	26 630	26 627	26 623	26 620	26 617
19.60	26 613	26 610	26 607	26 603	26 600	26 597	26 593	26 590	26 587	26 583
19.70	26 580	26 577	26 573	26 570	26 567	26 563	26 560	26 557	26 553	26 550
19.80	26 547	26 544	26 540	26 537	26 534	26 530	26 527	26 524	26 521	26 517
19.90	26 514	26 511	26 507	26 504	26 501	26 498	26 494	26 491	26 488	26 484

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions									
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
15.00	93 071	93 057	93 042	93 028	93 014	92 999	92 985	92 970	92 956	92 942
15.10	92 928	92 913	92 899	92 885	92 870	92 856	92 842	92 828	92 813	92 799
15.20	92 785	92 771	92 757	92 742	92 728	92 714	92 700	92 686	92 672	92 657
15.30	92 643	92 629	92 615	92 601	92 587	92 573	92 559	92 545	92 531	92 517
15.40	92 503	92 489	92 475	92 461	92 447	92 433	92 419	92 405	92 391	92 377
15.50	92 363	92 349	92 335	92 321	92 307	92 293	92 279	92 266	92 252	92 238
15.60	92 224	92 210	92 196	92 183	92 169	92 155	92 141	92 127	92 114	92 100
15.70	92 086	92 072	92 059	92 045	92 031	92 018	92 004	91 990	91 976	91 963
15.80	91 949	91 935	91 922	91 908	91 895	91 881	91 867	91 854	91 840	91 827
15.90	91 813	91 799	91 786	91 772	91 759	91 745	91 732	91 718	91 705	91 691
16.00	91 678	91 664	91 651	91 637	91 624	91 610	91 597	91 584	91 570	91 557
16.10	91 543	91 530	91 517	91 503	91 490	91 477	91 463	91 450	91 437	91 423
16.20	91 410	91 397	91 383	91 370	91 357	91 343	91 330	91 317	91 304	91 290
16.30	91 277	91 264	91 251	91 238	91 224	91 211	91 198	91 185	91 172	91 159
16.40	91 145	91 132	91 119	91 106	91 093	91 080	91 067	91 054	91 041	91 027
16.50	91 014	91 001	90 988	90 975	90 962	90 949	90 936	90 923	90 910	90 897
16.60	90 884	90 871	90 858	90 845	90 832	90 819	90 806	90 794	90 781	90 768
16.70	90 755	90 742	90 729	90 716	90 703	90 690	90 678	90 665	90 652	90 639
16.80	90 626	90 613	90 601	90 588	90 575	90 562	90 549	90 537	90 524	90 511
16.90	90 498	90 486	90 473	90 460	90 447	90 435	90 422	90 409	90 397	90 384
17.00	90 371	90 359	90 346	90 333	90 321	90 308	90 295	90 283	90 270	90 258
17.10	90 245	90 232	90 220	90 207	90 195	90 182	90 170	90 157	90 145	90 132
17.20	90 120	90 107	90 095	90 082	90 070	90 057	90 045	90 032	90 020	90 007
17.30	89 995	89 982	89 970	89 958	89 945	89 933	89 920	89 908	89 896	89 883
17.40	89 871	89 858	89 846	89 834	89 821	89 809	89 797	89 784	89 772	89 760
17.50	89 747	89 735	89 723	89 711	89 698	89 686	89 674	89 662	89 649	89 637
17.60	89 625	89 613	89 600	89 588	89 576	89 564	89 552	89 540	89 527	89 515
17.70	89 503	89 491	89 479	89 467	89 455	89 442	89 430	89 418	89 406	89 394
17.80	89 382	89 370	89 358	89 346	89 334	89 322	89 310	89 298	89 286	89 273
17.90	89 261	89 249	89 237	89 225	89 213	89 202	89 190	89 178	89 166	89 154
18.00	89 142	89 130	89 118	89 106	89 094	89 082	89 070	89 058	89 046	89 035
18.10	89 023	89 011	88 999	88 987	88 975	88 963	88 952	88 940	88 928	88 916
18.20	88 904	88 892	88 881	88 869	88 857	88 845	88 834	88 822	88 810	88 798
18.30	88 787	88 775	88 763	88 751	88 740	88 728	88 716	88 705	88 693	88 681
18.40	88 669	88 658	88 646	88 634	88 623	88 611	88 600	88 588	88 576	88 565
18.50	88 553	88 541	88 530	88 518	88 507	88 495	88 484	88 472	88 460	88 449
18.60	88 437	88 426	88 414	88 403	88 391	88 380	88 368	88 357	88 345	88 334
18.70	88 322	88 311	88 299	88 288	88 276	88 265	88 253	88 242	88 230	88 219
18.80	88 208	88 196	88 185	88 173	88 162	88 151	88 139	88 128	88 116	88 105
18.90	88 094	88 082	88 071	88 060	88 048	88 037	88 026	88 014	88 003	87 992
19.00	87 981	87 969	87 958	87 947	87 935	87 924	87 913	87 902	87 890	87 879
19.10	87 868	87 857	87 845	87 834	87 823	87 812	87 801	87 789	87 778	87 767
19.20	87 756	87 745	87 733	87 722	87 711	87 700	87 689	87 678	87 667	87 656
19.30	87 644	87 633	87 622	87 611	87 600	87 589	87 578	87 567	87 556	87 545
19.40	87 534	87 522	87 511	87 500	87 489	87 478	87 467	87 456	87 445	87 434
19.50	87 423	87 412	87 401	87 390	87 379	87 368	87 357	87 346	87 335	87 325
19.60	87 314	87 303	87 292	87 281	87 270	87 259	87 248	87 237	87 226	87 215
19.70	87 204	87 194	87 183	87 172	87 161	87 150	87 139	87 128	87 118	87 107
19.80	87 096	87 085	87 074	87 064	87 053	87 042	87 031	87 020	87 010	86 999
19.90	86 988	86 977	86 966	86 956	86 945	86 934	86 923	86 913	86 902	86 891

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
20.0	26 481	26 449	26 416	26 384	26 352	26 320	26 288	26 257	26 225	26 194
21.0	26 163	26 132	26 101	26 070	26 040	26 009	25 979	25 949	25 919	25 889
22.0	25 860	25 830	25 801	25 771	25 742	25 713	25 684	25 656	25 627	25 599
23.0	25 570	25 542	25 514	25 486	25 458	25 430	25 403	25 375	25 348	25 321
24.0	25 294	25 267	25 240	25 213	25 186	25 160	25 133	25 107	25 081	25 055
25.0	25 029	25 003	24 977	24 951	24 926	24 900	24 875	24 849	24 824	24 799
26.0	24 774	24 749	24 725	24 700	24 675	24 651	24 626	24 602	24 578	24 554
27.0	24 530	24 506	24 482	24 458	24 435	24 411	24 387	24 364	24 341	24 318
28.0	24 294	24 271	24 248	24 225	24 203	24 180	24 157	24 135	24 112	24 090
29.0	24 068	24 045	24 023	24 001	23 979	23 957	23 935	23 914	23 892	23 870
30.0	23 849	23 827	23 806	23 784	23 763	23 742	23 721	23 700	23 679	23 658
31.0	23 637	23 616	23 596	23 575	23 554	23 534	23 514	23 493	23 473	23 453
32.0	23 432	23 412	23 392	23 372	23 352	23 333	23 313	23 293	23 273	23 254
33.0	23 234	23 215	23 195	23 176	23 157	23 138	23 118	23 099	23 080	23 061
34.0	23 042	23 023	23 005	22 986	22 967	22 948	22 930	22 911	22 893	22 874
35.0	22 856	22 838	22 819	22 801	22 783	22 765	22 747	22 729	22 711	22 693
36.0	22 675	22 657	22 639	22 622	22 604	22 586	22 569	22 551	22 534	22 517
37.0	22 499	22 482	22 465	22 447	22 430	22 413	22 396	22 379	22 362	22 345
38.0	22 328	22 311	22 295	22 278	22 261	22 244	22 228	22 211	22 195	22 178
39.0	22 162	22 145	22 129	22 113	22 096	22 080	22 064	22 048	22 032	22 016
40.0	22 000	21 984	21 968	21 952	21 936	21 920	21 904	21 889	21 873	21 857
41.0	21 842	21 826	21 811	21 795	21 780	21 764	21 749	21 733	21 718	21 703
42.0	21 688	21 672	21 657	21 642	21 627	21 612	21 597	21 582	21 567	21 552
43.0	21 537	21 522	21 508	21 493	21 478	21 463	21 449	21 434	21 420	21 405
44.0	21 390	21 376	21 362	21 347	21 333	21 318	21 304	21 290	21 276	21 261
45.0	21 247	21 233	21 219	21 205	21 191	21 177	21 163	21 149	21 135	21 121
46.0	21 107	21 093	21 079	21 066	21 052	21 038	21 024	21 011	20 997	20 984
47.0	20 970	20 956	20 943	20 929	20 916	20 903	20 889	20 876	20 862	20 849
48.0	20 836	20 823	20 809	20 796	20 783	20 770	20 757	20 744	20 731	20 718
49.0	20 705	20 692	20 679	20 666	20 653	20 640	20 627	20 614	20 602	20 589
50.0	20 576	20 563	20 551	20 538	20 525	20 513	20 500	20 488	20 475	20 463
51.0	20 450	20 438	20 425	20 413	20 401	20 388	20 376	20 364	20 351	20 339
52.0	20 327	20 315	20 303	20 290	20 278	20 266	20 254	20 242	20 230	20 218
53.0	20 206	20 194	20 182	20 170	20 158	20 146	20 135	20 123	20 111	20 099
54.0	20 087	20 076	20 064	20 052	20 041	20 029	20 017	20 006	19 994	19 982
55.0	19 971	19 959	19 948	19 936	19 925	19 914	19 902	19 891	19 879	19 868
56.0	19 857	19 845	19 834	19 823	19 812	19 800	19 789	19 778	19 767	19 756
57.0	19 744	19 733	19 722	19 711	19 700	19 689	19 678	19 667	19 656	19 645
58.0	19 634	19 623	19 612	19 601	19 591	19 580	19 569	19 558	19 547	19 537
59.0	19 526	19 515	19 504	19 494	19 483	19 472	19 462	19 451	19 440	19 430
60.0	19 419	19 409	19 398	19 388	19 377	19 367	19 356	19 346	19 335	19 325
61.0	19 314	19 304	19 294	19 283	19 273	19 263	19 252	19 242	19 232	19 221
62.0	19 211	19 201	19 191	19 181	19 170	19 160	19 150	19 140	19 130	19 120
63.0	19 110	19 100	19 090	19 080	19 070	19 060	19 050	19 040	19 030	19 020
64.0	19 010	19 000	18 990	18 980	18 970	18 961	18 951	18 941	18 931	18 921
65.0	18 912	18 902	18 892	18 882	18 873	18 863	18 853	18 844	18 834	18 824
66.0	18 815	18 805	18 796	18 786	18 776	18 767	18 757	18 748	18 738	18 729
67.0	18 719	18 710	18 700	18 691	18 682	18 672	18 663	18 653	18 644	18 635
68.0	18 625	18 616	18 607	18 598	18 588	18 579	18 570	18 560	18 551	18 542
69.0	18 533	18 524	18 514	18 505	18 496	18 487	18 478	18 469	18 460	18 451
70.0	18 442	18 433	18 424	18 414	18 405	18 396	18 387	18 378	18 370	18 361
71.0	18 352	18 343	18 334	18 325	18 316	18 307	18 298	18 289	18 281	18 272
72.0	18 263	18 254	18 245	18 237	18 228	18 219	18 210	18 202	18 193	18 184
73.0	18 175	18 167	18 158	18 149	18 141	18 132	18 124	18 115	18 106	18 098
74.0	18 089	18 081	18 072	18 064	18 055	18 046	18 038	18 029	18 021	18 013
75.0	18 004	17 996	17 987	17 979	17 970	17 962	17 954	17 945	17 937	17 928
76.0	17 920	17 912	17 903	17 895	17 887	17 878	17 870	17 862	17 854	17 845
77.0	17 837	17 829	17 821	17 813	17 804	17 796	17 788	17 780	17 772	17 763
78.0	17 755	17 747	17 739	17 731	17 723	17 715	17 707	17 699	17 691	17 683
79.0	17 675	17 667	17 659	17 651	17 643	17 635	17 627	17 619	17 611	17 603

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
20.0	86 881	86 774	86 667	86 562	86 456	86 352	86 247	86 144	86 041	85 938
21.0	85 836	85 734	85 633	85 532	85 432	85 332	85 233	85 135	85 036	84 938
22.0	84 841	84 744	84 648	84 552	84 456	84 361	84 266	84 172	84 078	83 985
23.0	83 892	83 799	83 707	83 615	83 524	83 433	83 342	83 252	83 163	83 073
24.0	82 984	82 896	82 807	82 719	82 632	82 545	82 458	82 372	82 286	82 200
25.0	82 115	82 030	81 945	81 861	81 777	81 693	81 610	81 527	81 444	81 362
26.0	81 280	81 198	81 117	81 036	80 956	80 875	80 795	80 715	80 636	80 557
27.0	80 478	80 399	80 321	80 243	80 166	80 088	80 011	79 935	79 858	79 782
28.0	79 706	79 630	79 555	79 480	79 405	79 330	79 256	79 182	79 108	79 035
29.0	78 962	78 889	78 816	78 744	78 671	78 600	78 528	78 456	78 385	78 314
30.0	78 244	78 173	78 103	78 033	77 963	77 894	77 824	77 755	77 686	77 618
31.0	77 550	77 481	77 413	77 346	77 278	77 211	77 144	77 077	77 011	76 944
32.0	76 878	76 812	76 746	76 681	76 616	76 551	76 486	76 421	76 356	76 292
33.0	76 228	76 164	76 101	76 037	75 974	75 911	75 848	75 785	75 722	75 660
34.0	75 598	75 536	75 474	75 413	75 351	75 290	75 229	75 168	75 107	75 047
35.0	74 987	74 927	74 867	74 807	74 747	74 688	74 628	74 569	74 510	74 452
36.0	74 393	74 335	74 276	74 218	74 160	74 103	74 045	73 988	73 930	73 873
37.0	73 816	73 759	73 703	73 646	73 590	73 534	73 478	73 422	73 366	73 311
38.0	73 255	73 200	73 145	73 090	73 035	72 980	72 926	72 871	72 817	72 763
39.0	72 709	72 655	72 602	72 548	72 495	72 441	72 388	72 335	72 283	72 230
40.0	72 177	72 125	72 073	72 020	71 968	71 917	71 865	71 813	71 762	71 710
41.0	71 659	71 608	71 557	71 506	71 455	71 405	71 354	71 304	71 254	71 204
42.0	71 154	71 104	71 054	71 004	70 955	70 905	70 856	70 807	70 758	70 709
43.0	70 660	70 612	70 563	70 515	70 466	70 418	70 370	70 322	70 274	70 226
44.0	70 179	70 131	70 084	70 037	69 989	69 942	69 895	69 848	69 802	69 755
45.0	69 708	69 662	69 616	69 569	69 523	69 477	69 431	69 385	69 340	69 294
46.0	69 249	69 203	69 158	69 113	69 068	69 023	68 978	68 933	68 888	68 844
47.0	68 799	68 755	68 710	68 666	68 622	68 578	68 534	68 490	68 446	68 403
48.0	68 359	68 316	68 272	68 229	68 186	68 143	68 100	68 057	68 014	67 971
49.0	67 929	67 886	67 844	67 801	67 759	67 717	67 675	67 633	67 591	67 549
50.0	67 507	67 465	67 424	67 382	67 341	67 299	67 258	67 217	67 176	67 135
51.0	67 094	67 053	67 012	66 972	66 931	66 891	66 850	66 810	66 770	66 729
52.0	66 689	66 649	66 609	66 569	66 530	66 490	66 450	66 411	66 371	66 332
53.0	66 293	66 253	66 214	66 175	66 136	66 097	66 058	66 019	65 981	65 942
54.0	65 903	65 865	65 826	65 788	65 750	65 712	65 673	65 635	65 597	65 559
55.0	65 522	65 484	65 446	65 408	65 371	65 333	65 296	65 258	65 221	65 184
56.0	65 147	65 110	65 072	65 035	64 999	64 962	64 925	64 888	64 852	64 815
57.0	64 778	64 742	64 705	64 669	64 633	64 597	64 561	64 524	64 488	64 452
58.0	64 417	64 381	64 345	64 309	64 274	64 238	64 202	64 167	64 132	64 096
59.0	64 061	64 026	63 990	63 955	63 920	63 885	63 850	63 815	63 781	63 746
60.0	63 711	63 677	63 642	63 607	63 573	63 539	63 504	63 470	63 436	63 401
61.0	63 367	63 333	63 299	63 265	63 231	63 197	63 164	63 130	63 096	63 063
62.0	63 029	62 995	62 962	62 929	62 895	62 862	62 829	62 795	62 762	62 729
63.0	62 696	62 663	62 630	62 597	62 564	62 532	62 499	62 466	62 434	62 401
64.0	62 368	62 336	62 303	62 271	62 239	62 206	62 174	62 142	62 110	62 078
65.0	62 046	62 014	61 982	61 950	61 918	61 886	61 855	61 823	61 791	61 760
66.0	61 728	61 697	61 665	61 634	61 602	61 571	61 540	61 509	61 477	61 446
67.0	61 415	61 384	61 353	61 322	61 291	61 261	61 230	61 199	61 168	61 138
68.0	61 107	61 076	61 046	61 015	60 985	60 955	60 924	60 894	60 864	60 833
69.0	60 803	60 773	60 743	60 713	60 683	60 653	60 623	60 593	60 563	60 534
70.0	60 504	60 474	60 445	60 415	60 385	60 356	60 326	60 297	60 268	60 238
71.0	60 209	60 180	60 150	60 121	60 092	60 063	60 034	60 005	59 976	59 947
72.0	59 918	59 889	59 860	59 831	59 803	59 774	59 745	59 717	59 688	59 659
73.0	59 631	59 602	59 574	59 546	59 517	59 489	59 461	59 432	59 404	59 376
74.0	59 348	59 320	59 292	59 264	59 236	59 208	59 180	59 152	59 124	59 096
75.0	59 068	59 041	59 013	58 985	58 958	58 930	58 903	58 875	58 848	58 820
76.0	58 793	58 766	58 738	58 711	58 684	58 656	58 629	58 602	58 575	58 548
77.0	58 521	58 494	58 467	58 440	58 413	58 386	58 359	58 333	58 306	58 279
78.0	58 252	58 226	58 199	58 173	58 146	58 120	58 093	58 067	58 040	58 014
79.0	57 987	57 961	57 935	57 909	57 882	57 856	57 830	57 804	57 778	57 752

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
80.0	17 595	17 587	17 579	17 571	17 563	17 555	17 547	17 540	17 532	17 524
81.0	17 516	17 508	17 500	17 493	17 485	17 477	17 469	17 461	17 454	17 446
82.0	17 438	17 430	17 423	17 415	17 407	17 400	17 392	17 384	17 377	17 369
83.0	17 361	17 354	17 346	17 338	17 331	17 323	17 316	17 308	17 301	17 293
84.0	17 285	17 278	17 270	17 263	17 255	17 248	17 240	17 233	17 225	17 218
85.0	17 210	17 203	17 195	17 188	17 181	17 173	17 166	17 158	17 151	17 144
86.0	17 136	17 129	17 121	17 114	17 107	17 099	17 092	17 085	17 077	17 070
87.0	17 063	17 056	17 048	17 041	17 034	17 027	17 019	17 012	17 005	16 998
88.0	16 990	16 983	16 976	16 969	16 962	16 954	16 947	16 940	16 933	16 926
89.0	16 919	16 912	16 904	16 897	16 890	16 883	16 876	16 869	16 862	16 855
90.0	16 848	16 841	16 834	16 827	16 820	16 813	16 806	16 799	16 792	16 785
91.0	16 778	16 771	16 764	16 757	16 750	16 743	16 736	16 729	16 722	16 715
92.0	16 708	16 702	16 695	16 688	16 681	16 674	16 667	16 660	16 654	16 647
93.0	16 640	16 633	16 626	16 620	16 613	16 606	16 599	16 592	16 586	16 579
94.0	16 572	16 565	16 559	16 552	16 545	16 538	16 532	16 525	16 518	16 512
95.0	16 505	16 498	16 492	16 485	16 478	16 472	16 465	16 458	16 452	16 445
96.0	16 439	16 432	16 425	16 419	16 412	16 406	16 399	16 393	16 386	16 379
97.0	16 373	16 366	16 360	16 353	16 347	16 340	16 334	16 327	16 321	16 314
98.0	16 308	16 301	16 295	16 288	16 282	16 276	16 269	16 263	16 256	16 250
99.0	16 243	16 237	16 231	16 224	16 218	16 211	16 205	16 199	16 192	16 186
100.0	16 180	16 173	16 167	16 161	16 154	16 148	16 142	16 135	16 129	16 123
101.0	16 117	16 110	16 104	16 098	16 092	16 085	16 079	16 073	16 067	16 060
102.0	16 054	16 048	16 042	16 036	16 029	16 023	16 017	16 011	16 005	15 998
103.0	15 992	15 986	15 980	15 974	15 968	15 962	15 955	15 949	15 943	15 937
104.0	15 931	15 925	15 919	15 913	15 907	15 901	15 895	15 888	15 882	15 876
105.0	15 870	15 864	15 858	15 852	15 846	15 840	15 834	15 828	15 822	15 816
106.0	15 810	15 804	15 798	15 792	15 786	15 780	15 774	15 768	15 763	15 757
107.0	15 751	15 745	15 739	15 733	15 727	15 721	15 715	15 709	15 703	15 698
108.0	15 692	15 686	15 680	15 674	15 668	15 662	15 657	15 651	15 645	15 639
109.0	15 633	15 627	15 622	15 616	15 610	15 604	15 598	15 593	15 587	15 581
110.0	15 575	15 570	15 564	15 558	15 552	15 547	15 541	15 535	15 529	15 524
111.0	15 518	15 512	15 506	15 501	15 495	15 489	15 484	15 478	15 472	15 467
112.0	15 461	15 455	15 450	15 444	15 438	15 433	15 427	15 422	15 416	15 410
113.0	15 405	15 399	15 393	15 388	15 382	15 377	15 371	15 365	15 360	15 354
114.0	15 349	15 343	15 338	15 332	15 327	15 321	15 315	15 310	15 304	15 299
115.0	15 293	15 288	15 282	15 277	15 271	15 266	15 260	15 255	15 249	15 244
116.0	15 238	15 233	15 228	15 222	15 217	15 211	15 206	15 200	15 195	15 189
117.0	15 184	15 179	15 173	15 168	15 162	15 157	15 152	15 146	15 141	15 135
118.0	15 130	15 125	15 119	15 114	15 109	15 103	15 098	15 093	15 087	15 082
119.0	15 077	15 071	15 066	15 061	15 055	15 050	15 045	15 039	15 034	15 029
120.0	15 023	15 018	15 013	15 008	15 002	14 997	14 992	14 987	14 981	14 976
121.0	14 971	14 966	14 960	14 955	14 950	14 945	14 940	14 934	14 929	14 924
122.0	14 919	14 913	14 908	14 903	14 898	14 893	14 888	14 882	14 877	14 872
123.0	14 867	14 862	14 857	14 851	14 846	14 841	14 836	14 831	14 826	14 821
124.0	14 816	14 810	14 805	14 800	14 795	14 790	14 785	14 780	14 775	14 770
125.0	14 765	14 760	14 754	14 749	14 744	14 739	14 734	14 729	14 724	14 719
126.0	14 714	14 709	14 704	14 699	14 694	14 689	14 684	14 679	14 674	14 669
127.0	14 664	14 659	14 654	14 649	14 644	14 639	14 634	14 629	14 624	14 619
128.0	14 614	14 609	14 604	14 599	14 594	14 589	14 585	14 580	14 575	14 570
129.0	14 565	14 560	14 555	14 550	14 545	14 540	14 535	14 531	14 526	14 521
130.0	14 516	14 511	14 506	14 501	14 496	14 492	14 487	14 482	14 477	14 472
131.0	14 467	14 462	14 458	14 453	14 448	14 443	14 438	14 434	14 429	14 424
132.0	14 419	14 414	14 409	14 405	14 400	14 395	14 390	14 386	14 381	14 376
133.0	14 371	14 366	14 362	14 357	14 352	14 347	14 343	14 338	14 333	14 328
134.0	14 324	14 319	14 314	14 310	14 305	14 300	14 295	14 291	14 286	14 281
135.0	14 277	14 272	14 267	14 262	14 258	14 253	14 248	14 244	14 239	14 234
136.0	14 230	14 225	14 220	14 216	14 211	14 206	14 202	14 197	14 193	14 188
137.0	14 183	14 179	14 174	14 169	14 165	14 160	14 156	14 151	14 146	14 142
138.0	14 137	14 133	14 128	14 123	14 119	14 114	14 110	14 105	14 101	14 096
139.0	14 091	14 087	14 082	14 078	14 073	14 069	14 064	14 060	14 055	14 050

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
80.0	57 726	57 700	57 674	57 648	57 622	57 596	57 570	57 544	57 519	57 493
81.0	57 467	57 442	57 416	57 390	57 365	57 339	57 314	57 288	57 263	57 237
82.0	57 212	57 187	57 161	57 136	57 111	57 085	57 060	57 035	57 010	56 985
83.0	56 960	56 935	56 910	56 885	56 860	56 835	56 810	56 785	56 760	56 735
84.0	56 711	56 686	56 661	56 636	56 612	56 587	56 563	56 538	56 513	56 489
85.0	56 464	56 440	56 415	56 391	56 367	56 342	56 318	56 294	56 269	56 245
86.0	56 221	56 197	56 173	56 149	56 124	56 100	56 076	56 052	56 028	56 004
87.0	55 980	55 957	55 933	55 909	55 885	55 861	55 837	55 814	55 790	55 766
88.0	55 743	55 719	55 695	55 672	55 648	55 625	55 601	55 578	55 554	55 531
89.0	55 508	55 484	55 461	55 438	55 414	55 391	55 368	55 345	55 321	55 298
90.0	55 275	55 252	55 229	55 206	55 183	55 160	55 137	55 114	55 091	55 068
91.0	55 045	55 022	55 000	54 977	54 954	54 931	54 909	54 886	54 863	54 840
92.0	54 818	54 795	54 773	54 750	54 728	54 705	54 683	54 660	54 638	54 615
93.0	54 593	54 571	54 548	54 526	54 504	54 481	54 459	54 437	54 415	54 393
94.0	54 370	54 348	54 326	54 304	54 282	54 260	54 238	54 216	54 194	54 172
95.0	54 150	54 128	54 106	54 085	54 063	54 041	54 019	53 997	53 976	53 954
96.0	53 932	53 911	53 889	53 867	53 846	53 824	53 803	53 781	53 760	53 738
97.0	53 717	53 695	53 674	53 653	53 631	53 610	53 588	53 567	53 546	53 525
98.0	53 503	53 482	53 461	53 440	53 419	53 397	53 376	53 355	53 334	53 313
99.0	53 292	53 271	53 250	53 229	53 208	53 187	53 166	53 146	53 125	53 104
100.0	53 083	53 062	53 041	53 021	53 000	52 979	52 959	52 938	52 917	52 897
101.0	52 876	52 855	52 835	52 814	52 794	52 773	52 753	52 732	52 712	52 691
102.0	52 671	52 651	52 630	52 610	52 590	52 569	52 549	52 529	52 508	52 488
103.0	52 468	52 448	52 428	52 408	52 387	52 367	52 347	52 327	52 307	52 287
104.0	52 267	52 247	52 227	52 207	52 187	52 167	52 147	52 127	52 108	52 088
105.0	52 068	52 048	52 028	52 009	51 989	51 969	51 949	51 930	51 910	51 890
106.0	51 871	51 851	51 831	51 812	51 792	51 773	51 753	51 734	51 714	51 695
107.0	51 675	51 656	51 636	51 617	51 598	51 578	51 559	51 540	51 520	51 501
108.0	51 482	51 463	51 443	51 424	51 405	51 386	51 367	51 347	51 328	51 309
109.0	51 290	51 271	51 252	51 233	51 214	51 195	51 176	51 157	51 138	51 119
110.0	51 100	51 081	51 062	51 043	51 025	51 006	50 987	50 968	50 949	50 930
111.0	50 912	50 893	50 874	50 856	50 837	50 818	50 800	50 781	50 762	50 744
112.0	50 725	50 707	50 688	50 669	50 651	50 632	50 614	50 596	50 577	50 559
113.0	50 540	50 522	50 503	50 485	50 467	50 448	50 430	50 412	50 393	50 375
114.0	50 357	50 339	50 320	50 302	50 284	50 266	50 248	50 230	50 211	50 193
115.0	50 175	50 157	50 139	50 121	50 103	50 085	50 067	50 049	50 031	50 013
116.0	49 995	49 977	49 959	49 941	49 923	49 906	49 888	49 870	49 852	49 834
117.0	49 816	49 799	49 781	49 763	49 745	49 728	49 710	49 692	49 675	49 657
118.0	49 639	49 622	49 604	49 587	49 569	49 551	49 534	49 516	49 499	49 481
119.0	49 464	49 446	49 429	49 411	49 394	49 377	49 359	49 342	49 324	49 307
120.0	49 290	49 272	49 255	49 238	49 220	49 203	49 186	49 169	49 151	49 134
121.0	49 117	49 100	49 083	49 065	49 048	49 031	49 014	48 997	48 980	48 963
122.0	48 946	48 929	48 912	48 895	48 878	48 861	48 844	48 827	48 810	48 793
123.0	48 776	48 759	48 742	48 725	48 708	48 692	48 675	48 658	48 641	48 624
124.0	48 607	48 591	48 574	48 557	48 540	48 524	48 507	48 490	48 474	48 457
125.0	48 440	48 424	48 407	48 390	48 374	48 357	48 341	48 324	48 308	48 291
126.0	48 275	48 258	48 242	48 225	48 209	48 192	48 176	48 159	48 143	48 126
127.0	48 110	48 094	48 077	48 061	48 045	48 028	48 012	47 996	47 979	47 963
128.0	47 947	47 931	47 914	47 898	47 882	47 866	47 850	47 833	47 817	47 801
129.0	47 785	47 769	47 753	47 737	47 721	47 705	47 688	47 672	47 656	47 640
130.0	47 624	47 608	47 592	47 576	47 560	47 544	47 529	47 513	47 497	47 481
131.0	47 465	47 449	47 433	47 417	47 401	47 386	47 370	47 354	47 338	47 322
132.0	47 307	47 291	47 275	47 259	47 244	47 228	47 212	47 197	47 181	47 165
133.0	47 150	47 134	47 118	47 103	47 087	47 072	47 056	47 040	47 025	47 009
134.0	46 994	46 978	46 963	46 947	46 932	46 916	46 901	46 885	46 870	46 855
135.0	46 839	46 824	46 808	46 793	46 778	46 762	46 747	46 732	46 716	46 701
136.0	46 686	46 670	46 655	46 640	46 624	46 609	46 594	46 579	46 564	46 548
137.0	46 533	46 518	46 503	46 488	46 472	46 457	46 442	46 427	46 412	46 397
138.0	46 382	46 367	46 352	46 337	46 322	46 307	46 292	46 277	46 262	46 247
139.0	46 232	46 217	46 202	46 187	46 172	46 157	46 142	46 127	46 112	46 097

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
140.0	14 046	14 041	14 037	14 032	14 028	14 023	14 019	14 014	14 010	14 005
141.0	14 001	13 996	13 992	13 987	13 983	13 978	13 974	13 969	13 965	13 960
142.0	13 956	13 952	13 947	13 943	13 938	13 934	13 929	13 925	13 920	13 916
143.0	13 911	13 907	13 903	13 898	13 894	13 889	13 885	13 881	13 876	13 872
144.0	13 867	13 863	13 858	13 854	13 850	13 845	13 841	13 837	13 832	13 828
145.0	13 823	13 819	13 815	13 810	13 806	13 802	13 797	13 793	13 789	13 784
146.0	13 780	13 775	13 771	13 767	13 762	13 758	13 754	13 749	13 745	13 741
147.0	13 737	13 732	13 728	13 724	13 719	13 715	13 711	13 706	13 702	13 698
148.0	13 694	13 689	13 685	13 681	13 676	13 672	13 668	13 664	13 659	13 655
149.0	13 651	13 647	13 642	13 638	13 634	13 630	13 625	13 621	13 617	13 613
150.0	13 608	13 604	13 600	13 596	13 592	13 587	13 583	13 579	13 575	13 570
151.0	13 566	13 562	13 558	13 554	13 549	13 545	13 541	13 537	13 533	13 529
152.0	13 524	13 520	13 516	13 512	13 508	13 504	13 499	13 495	13 491	13 487
153.0	13 483	13 479	13 475	13 470	13 466	13 462	13 458	13 454	13 450	13 446
154.0	13 442	13 437	13 433	13 429	13 425	13 421	13 417	13 413	13 409	13 405
155.0	13 400	13 396	13 392	13 388	13 384	13 380	13 376	13 372	13 368	13 364
156.0	13 360	13 356	13 352	13 348	13 343	13 339	13 335	13 331	13 327	13 323
157.0	13 319	13 315	13 311	13 307	13 303	13 299	13 295	13 291	13 287	13 283
158.0	13 279	13 275	13 271	13 267	13 263	13 259	13 255	13 251	13 247	13 243
159.0	13 239	13 235	13 231	13 227	13 223	13 219	13 215	13 211	13 207	13 203
160.0	13 199	13 195	13 191	13 187	13 183	13 179	13 175	13 171	13 167	13 164
161.0	13 160	13 156	13 152	13 148	13 144	13 140	13 136	13 132	13 128	13 124
162.0	13 120	13 116	13 113	13 109	13 105	13 101	13 097	13 093	13 089	13 085
163.0	13 081	13 077	13 074	13 070	13 066	13 062	13 058	13 054	13 050	13 046
164.0	13 043	13 039	13 035	13 031	13 027	13 023	13 019	13 016	13 012	13 008
165.0	13 004	13 000	12 996	12 992	12 989	12 985	12 981	12 977	12 973	12 969
166.0	12 966	12 962	12 958	12 954	12 950	12 947	12 943	12 939	12 935	12 931
167.0	12 928	12 924	12 920	12 916	12 912	12 909	12 905	12 901	12 897	12 893
168.0	12 890	12 886	12 882	12 878	12 875	12 871	12 867	12 863	12 860	12 856
169.0	12 852	12 848	12 845	12 841	12 837	12 833	12 830	12 826	12 822	12 818
170.0	12 815	12 811	12 807	12 803	12 800	12 796	12 792	12 789	12 785	12 781
171.0	12 777	12 774	12 770	12 766	12 763	12 759	12 755	12 752	12 748	12 744
172.0	12 740	12 737	12 733	12 729	12 726	12 722	12 718	12 715	12 711	12 707
173.0	12 704	12 700	12 696	12 693	12 689	12 685	12 682	12 678	12 674	12 671
174.0	12 667	12 664	12 660	12 656	12 653	12 649	12 645	12 642	12 638	12 634
175.0	12 631	12 627	12 624	12 620	12 616	12 613	12 609	12 606	12 602	12 598
176.0	12 595	12 591	12 588	12 584	12 580	12 577	12 573	12 570	12 566	12 562
177.0	12 559	12 555	12 552	12 548	12 544	12 541	12 537	12 534	12 530	12 527
178.0	12 523	12 519	12 516	12 512	12 509	12 505	12 502	12 498	12 495	12 491
179.0	12 488	12 484	12 480	12 477	12 473	12 470	12 466	12 463	12 459	12 456
180.0	12 452	12 449	12 445	12 442	12 438	12 435	12 431	12 428	12 424	12 421
181.0	12 417	12 414	12 410	12 407	12 403	12 400	12 396	12 393	12 389	12 386
182.0	12 382	12 379	12 375	12 372	12 368	12 365	12 361	12 358	12 354	12 351
183.0	12 347	12 344	12 340	12 337	12 334	12 330	12 327	12 323	12 320	12 316
184.0	12 313	12 309	12 306	12 302	12 299	12 296	12 292	12 289	12 285	12 282
185.0	12 278	12 275	12 272	12 268	12 265	12 261	12 258	12 254	12 251	12 248
186.0	12 244	12 241	12 237	12 234	12 231	12 227	12 224	12 220	12 217	12 214
187.0	12 210	12 207	12 203	12 200	12 197	12 193	12 190	12 187	12 183	12 180
188.0	12 176	12 173	12 170	12 166	12 163	12 160	12 156	12 153	12 149	12 146
189.0	12 143	12 139	12 136	12 133	12 129	12 126	12 123	12 119	12 116	12 113
190.0	12 109	12 106	12 103	12 099	12 096	12 093	12 089	12 086	12 083	12 079
191.0	12 076	12 073	12 069	12 066	12 063	12 059	12 056	12 053	12 050	12 046
192.0	12 043	12 040	12 036	12 033	12 030	12 026	12 023	12 020	12 017	12 013
193.0	12 010	12 007	12 003	12 000	11 997	11 994	11 990	11 987	11 984	11 980
194.0	11 977	11 974	11 971	11 967	11 964	11 961	11 958	11 954	11 951	11 948
195.0	11 945	11 941	11 938	11 935	11 932	11 928	11 925	11 922	11 919	11 915
196.0	11 912	11 909	11 906	11 902	11 899	11 896	11 893	11 890	11 886	11 883
197.0	11 880	11 877	11 873	11 870	11 867	11 864	11 861	11 857	11 854	11 851
198.0	11 848	11 845	11 841	11 838	11 835	11 832	11 829	11 825	11 822	11 819
199.0	11 816	11 813	11 809	11 806	11 803	11 800	11 797	11 794	11 790	11 787

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
140.0	46 082	46 068	46 053	46 038	46 023	46 008	45 993	45 979	45 964	45 949
141.0	45 934	45 920	45 905	45 890	45 875	45 861	45 846	45 831	45 817	45 802
142.0	45 787	45 773	45 758	45 743	45 729	45 714	45 700	45 685	45 670	45 656
143.0	45 641	45 627	45 612	45 598	45 583	45 569	45 554	45 540	45 525	45 511
144.0	45 496	45 482	45 467	45 453	45 439	45 424	45 410	45 395	45 381	45 367
145.0	45 352	45 338	45 324	45 309	45 295	45 281	45 266	45 252	45 238	45 224
146.0	45 209	45 195	45 181	45 167	45 152	45 138	45 124	45 110	45 096	45 081
147.0	45 067	45 053	45 039	45 025	45 011	44 997	44 983	44 968	44 954	44 940
148.0	44 926	44 912	44 898	44 884	44 870	44 856	44 842	44 828	44 814	44 800
149.0	44 786	44 772	44 758	44 744	44 730	44 716	44 703	44 689	44 675	44 661
150.0	44 647	44 633	44 619	44 605	44 592	44 578	44 564	44 550	44 536	44 523
151.0	44 509	44 495	44 481	44 467	44 454	44 440	44 426	44 413	44 399	44 385
152.0	44 371	44 358	44 344	44 330	44 317	44 303	44 289	44 276	44 262	44 249
153.0	44 235	44 221	44 208	44 194	44 181	44 167	44 154	44 140	44 126	44 113
154.0	44 099	44 086	44 072	44 059	44 045	44 032	44 019	44 005	43 992	43 978
155.0	43 965	43 951	43 938	43 925	43 911	43 898	43 884	43 871	43 858	43 844
156.0	43 831	43 818	43 804	43 791	43 778	43 764	43 751	43 738	43 725	43 711
157.0	43 698	43 685	43 672	43 658	43 645	43 632	43 619	43 605	43 592	43 579
158.0	43 566	43 553	43 540	43 526	43 513	43 500	43 487	43 474	43 461	43 448
159.0	43 435	43 422	43 409	43 395	43 382	43 369	43 356	43 343	43 330	43 317
160.0	43 304	43 291	43 278	43 265	43 252	43 239	43 226	43 213	43 200	43 188
161.0	43 175	43 162	43 149	43 136	43 123	43 110	43 097	43 084	43 071	43 059
162.0	43 046	43 033	43 020	43 007	42 994	42 982	42 969	42 956	42 943	42 930
163.0	42 918	42 905	42 892	42 879	42 867	42 854	42 841	42 829	42 816	42 803
164.0	42 790	42 778	42 765	42 752	42 740	42 727	42 714	42 702	42 689	42 677
165.0	42 664	42 651	42 639	42 626	42 614	42 601	42 588	42 576	42 563	42 551
166.0	42 538	42 526	42 513	42 501	42 488	42 476	42 463	42 451	42 438	42 426
167.0	42 413	42 401	42 388	42 376	42 364	42 351	42 339	42 326	42 314	42 301
168.0	42 289	42 277	42 264	42 252	42 240	42 227	42 215	42 203	42 190	42 178
169.0	42 166	42 153	42 141	42 129	42 116	42 104	42 092	42 080	42 067	42 055
170.0	42 043	42 031	42 018	42 006	41 994	41 982	41 970	41 957	41 945	41 933
171.0	41 921	41 909	41 897	41 884	41 872	41 860	41 848	41 836	41 824	41 812
172.0	41 800	41 787	41 775	41 763	41 751	41 739	41 727	41 715	41 703	41 691
173.0	41 679	41 667	41 655	41 643	41 631	41 619	41 607	41 595	41 583	41 571
174.0	41 559	41 547	41 535	41 523	41 511	41 499	41 487	41 475	41 464	41 452
175.0	41 440	41 428	41 416	41 404	41 392	41 380	41 369	41 357	41 345	41 333
176.0	41 321	41 309	41 298	41 286	41 274	41 262	41 250	41 239	41 227	41 215
177.0	41 203	41 192	41 180	41 168	41 156	41 145	41 133	41 121	41 110	41 098
178.0	41 086	41 074	41 063	41 051	41 039	41 028	41 016	41 004	40 993	40 981
179.0	40 970	40 958	40 946	40 935	40 923	40 912	40 900	40 888	40 877	40 865
180.0	40 854	40 842	40 831	40 819	40 807	40 796	40 784	40 773	40 761	40 750
181.0	40 738	40 727	40 715	40 704	40 692	40 681	40 670	40 658	40 647	40 635
182.0	40 624	40 612	40 601	40 589	40 578	40 567	40 555	40 544	40 532	40 521
183.0	40 510	40 498	40 487	40 476	40 464	40 453	40 442	40 430	40 419	40 408
184.0	40 396	40 385	40 374	40 362	40 351	40 340	40 329	40 317	40 306	40 295
185.0	40 284	40 272	40 261	40 250	40 239	40 227	40 216	40 205	40 194	40 183
186.0	40 171	40 160	40 149	40 138	40 127	40 116	40 104	40 093	40 082	40 071
187.0	40 060	40 049	40 038	40 027	40 015	40 004	39 993	39 982	39 971	39 960
188.0	39 949	39 938	39 927	39 916	39 905	39 894	39 883	39 872	39 861	39 850
189.0	39 839	39 828	39 817	39 806	39 795	39 784	39 773	39 762	39 751	39 740
190.0	39 729	39 718	39 707	39 696	39 685	39 674	39 663	39 652	39 641	39 630
191.0	39 620	39 609	39 598	39 587	39 576	39 565	39 554	39 543	39 533	39 522
192.0	39 511	39 500	39 489	39 478	39 468	39 457	39 446	39 435	39 424	39 414
193.0	39 403	39 392	39 381	39 370	39 360	39 349	39 338	39 327	39 317	39 306
194.0	39 295	39 285	39 274	39 263	39 252	39 242	39 231	39 220	39 210	39 199
195.0	39 188	39 178	39 167	39 156	39 146	39 135	39 124	39 114	39 103	39 092
196.0	39 082	39 071	39 061	39 050	39 039	39 029	39 018	39 008	38 997	38 987
197.0	38 976	38 965	38 955	38 944	38 934	38 923	38 913	38 902	38 892	38 881
198.0	38 871	38 860	38 850	38 839	38 829	38 818	38 808	38 797	38 787	38 776
199.0	38 766	38 755	38 745	38 734	38 724	38 714	38 703	38 693	38 682	38 672

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
200.0	11 784	11 781	11 778	11 775	11 771	11 768	11 765	11 762	11 759	11 756
201.0	11 752	11 749	11 746	11 743	11 740	11 737	11 734	11 730	11 727	11 724
202.0	11 721	11 718	11 715	11 712	11 708	11 705	11 702	11 699	11 696	11 693
203.0	11 690	11 686	11 683	11 680	11 677	11 674	11 671	11 668	11 665	11 662
204.0	11 658	11 655	11 652	11 649	11 646	11 643	11 640	11 637	11 634	11 631
205.0	11 627	11 624	11 621	11 618	11 615	11 612	11 609	11 606	11 603	11 600
206.0	11 597	11 594	11 590	11 587	11 584	11 581	11 578	11 575	11 572	11 569
207.0	11 566	11 563	11 560	11 557	11 554	11 551	11 548	11 544	11 541	11 538
208.0	11 535	11 532	11 529	11 526	11 523	11 520	11 517	11 514	11 511	11 508
209.0	11 505	11 502	11 499	11 496	11 493	11 490	11 487	11 484	11 481	11 478
210.0	11 475	11 472	11 469	11 466	11 463	11 460	11 457	11 454	11 451	11 448
211.0	11 445	11 441	11 438	11 435	11 432	11 429	11 426	11 423	11 421	11 418
212.0	11 415	11 412	11 409	11 406	11 403	11 400	11 397	11 394	11 391	11 388
213.0	11 385	11 382	11 379	11 376	11 373	11 370	11 367	11 364	11 361	11 358
214.0	11 355	11 352	11 349	11 346	11 343	11 340	11 337	11 334	11 331	11 328
215.0	11 325	11 322	11 320	11 317	11 314	11 311	11 308	11 305	11 302	11 299
216.0	11 296	11 293	11 290	11 287	11 284	11 281	11 278	11 275	11 273	11 270
217.0	11 267	11 264	11 261	11 258	11 255	11 252	11 249	11 246	11 243	11 240
218.0	11 238	11 235	11 232	11 229	11 226	11 223	11 220	11 217	11 214	11 211
219.0	11 209	11 206	11 203	11 200	11 197	11 194	11 191	11 188	11 185	11 182
220.0	11 180	11 177	11 174	11 171	11 168	11 165	11 162	11 159	11 157	11 154
221.0	11 151	11 148	11 145	11 142	11 139	11 137	11 134	11 131	11 128	11 125
222.0	11 122	11 119	11 117	11 114	11 111	11 108	11 105	11 102	11 099	11 097
223.0	11 094	11 091	11 088	11 085	11 082	11 080	11 077	11 074	11 071	11 068
224.0	11 065	11 063	11 060	11 057	11 054	11 051	11 048	11 046	11 043	11 040
225.0	11 037	11 034	11 031	11 029	11 026	11 023	11 020	11 017	11 015	11 012
226.0	11 009	11 006	11 003	11 001	10 998	10 995	10 992	10 989	10 987	10 984
227.0	10 981	10 978	10 975	10 973	10 970	10 967	10 964	10 961	10 959	10 956
228.0	10 953	10 950	10 948	10 945	10 942	10 939	10 936	10 934	10 931	10 928
229.0	10 925	10 922	10 920	10 917	10 914	10 911	10 909	10 906	10 903	10 900
230.0	10 898	10 895	10 892	10 889	10 887	10 884	10 881	10 878	10 875	10 873
231.0	10 870	10 867	10 864	10 862	10 859	10 856	10 853	10 851	10 848	10 845
232.0	10 842	10 840	10 837	10 834	10 831	10 829	10 826	10 823	10 821	10 818
233.0	10 815	10 812	10 810	10 807	10 804	10 801	10 799	10 796	10 793	10 790
234.0	10 788	10 785	10 782	10 780	10 777	10 774	10 771	10 769	10 766	10 763
235.0	10 760	10 758	10 755	10 752	10 750	10 747	10 744	10 741	10 739	10 736
236.0	10 733	10 731	10 728	10 725	10 723	10 720	10 717	10 714	10 712	10 709
237.0	10 706	10 704	10 701	10 698	10 696	10 693	10 690	10 687	10 685	10 682
238.0	10 679	10 677	10 674	10 671	10 669	10 666	10 663	10 661	10 658	10 655
239.0	10 653	10 650	10 647	10 644	10 642	10 639	10 636	10 634	10 631	10 628
240.0	10 626	10 623	10 620	10 618	10 615	10 612	10 610	10 607	10 604	10 602
241.0	10 599	10 596	10 594	10 591	10 588	10 586	10 583	10 580	10 578	10 575
242.0	10 572	10 570	10 567	10 565	10 562	10 559	10 557	10 554	10 551	10 549
243.0	10 546	10 543	10 541	10 538	10 535	10 533	10 530	10 527	10 525	10 522
244.0	10 520	10 517	10 514	10 512	10 509	10 506	10 504	10 501	10 499	10 496
245.0	10 493	10 491	10 488	10 485	10 483	10 480	10 477	10 475	10 472	10 470
246.0	10 467	10 464	10 462	10 459	10 457	10 454	10 451	10 449	10 446	10 443
247.0	10 441	10 438	10 436	10 433	10 430	10 428	10 425	10 423	10 420	10 417
248.0	10 415	10 412	10 410	10 407	10 404	10 402	10 399	10 397	10 394	10 391
249.0	10 389	10 386	10 384	10 381	10 378	10 376	10 373	10 371	10 368	10 366
250.0	10 363	10 360	10 358	10 355	10 353	10 350	10 347	10 345	10 342	10 340
251.0	10 337	10 335	10 332	10 329	10 327	10 324	10 322	10 319	10 317	10 314
252.0	10 311	10 309	10 306	10 304	10 301	10 299	10 296	10 293	10 291	10 288
253.0	10 286	10 283	10 281	10 278	10 276	10 273	10 270	10 268	10 265	10 263
254.0	10 260	10 258	10 255	10 253	10 250	10 247	10 245	10 242	10 240	10 237
255.0	10 235	10 232	10 230	10 227	10 225	10 222	10 219	10 217	10 214	10 212
256.0	10 209	10 207	10 204	10 202	10 199	10 197	10 194	10 192	10 189	10 187
257.0	10 184	10 181	10 179	10 176	10 174	10 171	10 169	10 166	10 164	10 161
258.0	10 159	10 156	10 154	10 151	10 149	10 146	10 144	10 141	10 139	10 136
259.0	10 134	10 131	10 129	10 126	10 124	10 121	10 119	10 116	10 114	10 111

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
200.0	38 662	38 651	38 641	38 630	38 620	38 610	38 599	38 589	38 578	38 568
201.0	38 558	38 547	38 537	38 527	38 516	38 506	38 496	38 485	38 475	38 465
202.0	38 455	38 444	38 434	38 424	38 413	38 403	38 393	38 383	38 372	38 362
203.0	38 352	38 342	38 331	38 321	38 311	38 301	38 290	38 280	38 270	38 260
204.0	38 250	38 239	38 229	38 219	38 209	38 199	38 188	38 178	38 168	38 158
205.0	38 148	38 138	38 127	38 117	38 107	38 097	38 087	38 077	38 067	38 057
206.0	38 047	38 036	38 026	38 016	38 006	37 996	37 986	37 976	37 966	37 956
207.0	37 946	37 936	37 926	37 916	37 906	37 896	37 886	37 876	37 866	37 856
208.0	37 846	37 836	37 826	37 816	37 806	37 796	37 786	37 776	37 766	37 756
209.0	37 746	37 736	37 726	37 716	37 706	37 696	37 686	37 676	37 666	37 656
210.0	37 646	37 637	37 627	37 617	37 607	37 597	37 587	37 577	37 567	37 557
211.0	37 548	37 538	37 528	37 518	37 508	37 498	37 488	37 479	37 469	37 459
212.0	37 449	37 439	37 430	37 420	37 410	37 400	37 390	37 381	37 371	37 361
213.0	37 351	37 342	37 332	37 322	37 312	37 303	37 293	37 283	37 273	37 264
214.0	37 254	37 244	37 234	37 225	37 215	37 205	37 196	37 186	37 176	37 167
215.0	37 157	37 147	37 137	37 128	37 118	37 109	37 099	37 089	37 080	37 070
216.0	37 060	37 051	37 041	37 031	37 022	37 012	37 003	36 993	36 983	36 974
217.0	36 964	36 955	36 945	36 935	36 926	36 916	36 907	36 897	36 888	36 878
218.0	36 869	36 859	36 849	36 840	36 830	36 821	36 811	36 802	36 792	36 783
219.0	36 773	36 764	36 754	36 745	36 735	36 726	36 716	36 707	36 697	36 688
220.0	36 679	36 669	36 660	36 650	36 641	36 631	36 622	36 612	36 603	36 594
221.0	36 584	36 575	36 565	36 556	36 547	36 537	36 528	36 518	36 509	36 500
222.0	36 490	36 481	36 472	36 462	36 453	36 443	36 434	36 425	36 415	36 406
223.0	36 397	36 387	36 378	36 369	36 359	36 350	36 341	36 332	36 322	36 313
224.0	36 304	36 294	36 285	36 276	36 267	36 257	36 248	36 239	36 229	36 220
225.0	36 211	36 202	36 192	36 183	36 174	36 165	36 156	36 146	36 137	36 128
226.0	36 119	36 109	36 100	36 091	36 082	36 073	36 064	36 054	36 045	36 036
227.0	36 027	36 018	36 008	35 999	35 990	35 981	35 972	35 963	35 954	35 944
228.0	35 935	35 926	35 917	35 908	35 899	35 890	35 881	35 871	35 862	35 853
229.0	35 844	35 835	35 826	35 817	35 808	35 799	35 789	35 780	35 771	35 762
230.0	35 753	35 744	35 735	35 726	35 717	35 708	35 699	35 69O	35 681	35 672
231.0	35 663	35 654	35 645	35 635	35 626	35 617	35 608	35 599	35 590	35 581
232.0	35 572	35 563	35 554	35 545	35 536	35 527	35 518	35 509	35 500	35 491
233.0	35 482	35 473	35 464	35 455	35 446	35 438	35 429	35 420	35 411	35 402
234.0	35 393	35 384	35 375	35 366	35 357	35 348	35 339	35 330	35 321	35 312
235.0	35 303	35 294	35 286	35 277	35 268	35 259	35 250	35 241	35 232	35 223
236.0	35 214	35 206	35 197	35 188	35 179	35 170	35 161	35 152	35 143	35 135
237.0	35 126	35 117	35 108	35 099	35 090	35 081	35 073	35 064	35 055	35 046
238.0	35 037	35 028	35 020	35 011	35 002	34 993	34 984	34 976	34 967	34 958
239.0	34 949	34 940	34 932	34 923	34 914	34 905	34 896	34 888	34 879	34 870
240.0	34 861	34 853	34 844	34 835	34 826	34 818	34 809	34 800	34 791	34 783
241.0	34 774	34 765	34 756	34 748	34 739	34 730	34 721	34 713	34 704	34 695
242.0	34 687	34 678	34 669	34 660	34 652	34 643	34 634	34 626	34 617	34 608
243.0	34 600	34 591	34 582	34 574	34 565	34 556	34 548	34 539	34 530	34 522
244.0	34 513	34 504	34 496	34 487	34 478	34 470	34 461	34 453	34 444	34 435
245.0	34 427	34 418	34 409	34 401	34 392	34 384	34 375	34 366	34 358	34 349
246.0	34 341	34 332	34 323	34 315	34 306	34 298	34 289	34 281	34 272	34 263
247.0	34 255	34 246	34 238	34 229	34 221	34 212	34 203	34 195	34 186	34 178
248.0	34 169	34 161	34 152	34 144	34 135	34 127	34 118	34 110	34 101	34 093
249.0	34 084	34 076	34 067	34 059	34 050	34 042	34 033	34 025	34 016	34 008
250.0	33 999	33 991	33 982	33 974	33 965	33 957	33 948	33 940	33 931	33 923
251.0	33 914	33 906	33 898	33 889	33 881	33 872	33 864	33 855	33 847	33 838
252.0	33 830	33 822	33 813	33 805	33 796	33 788	33 780	33 771	33 763	33 754
253.0	33 746	33 738	33 729	33 721	33 712	33 704	33 696	33 687	33 679	33 670
254.0	33 662	33 654	33 645	33 637	33 629	33 620	33 612	33 604	33 595	33 587
255.0	33 578	33 570	33 562	33 553	33 545	33 537	33 528	33 520	33 512	33 503
256.0	33 495	33 487	33 478	33 470	33 462	33 454	33 445	33 437	33 429	33 420
257.0	33 412	33 404	33 395	33 387	33 379	33 371	33 362	33 354	33 346	33 338
258.0	33 329	33 321	33 313	33 304	33 296	33 288	33 280	33 271	33 263	33 255
259.0	33 247	33 238	33 230	33 222	33 214	33 206	33 197	33 189	33 181	33 173

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
260.0	10 109	10 106	10 104	10 101	10 098	10 096	10 093	10 091	10 089	10 086
261.0	10 084	10 081	10 079	10 076	10 074	10 071	10 069	10 066	10 064	10 061
262.0	10 059	10 056	10 054	10 051	10 049	10 046	10 044	10 041	10 039	10 036
263.0	10 034	10 031	10 029	10 026	10 024	10 021	10 019	10 016	10 014	10 011
264.0	10 009	10 006	10 004	10 002	9 999	9 997	9 994	9 992	9 989	9 987
265.0	9 984	9 982	9 979	9 977	9 974	9 972	9 969	9 967	9 965	9 962
266.0	9 960	9 957	9 955	9 952	9 950	9 947	9 945	9 942	9 940	9 938
267.0	9 935	9 933	9 930	9 928	9 925	9 923	9 920	9 918	9 916	9 913
268.0	9 911	9 908	9 906	9 903	9 901	9 898	9 896	9 894	9 891	9 889
269.0	9 886	9 884	9 881	9 879	9 876	9 874	9 872	9 869	9 867	9 864
270.0	9 862	9 859	9 857	9 855	9 852	9 850	9 847	9 845	9 842	9 840
271.0	9 838	9 835	9 833	9 830	9 828	9 826	9 823	9 821	9 818	9 816
272.0	9 813	9 811	9 809	9 806	9 804	9 801	9 799	9 797	9 794	9 792
273.0	9 789	9 787	9 785	9 782	9 780	9 777	9 775	9 773	9 770	9 768
274.0	9 765	9 763	9 761	9 758	9 756	9 753	9 751	9 749	9 746	9 744
275.0	9 741	9 739	9 737	9 734	9 732	9 729	9 727	9 725	9 722	9 720
276.0	9 717	9 715	9 713	9 710	9 708	9 706	9 703	9 701	9 698	9 696
277.0	9 694	9 691	9 689	9 686	9 684	9 682	9 679	9 677	9 675	9 672
278.0	9 670	9 667	9 665	9 663	9 660	9 658	9 656	9 653	9 651	9 649
279.0	9 646	9 644	9 641	9 639	9 637	9 634	9 632	9 630	9 627	9 625
280.0	9 623	9 620	9 618	9 615	9 613	9 611	9 608	9 606	9 604	9 601
281.0	9 599	9 597	9 594	9 592	9 590	9 587	9 585	9 583	9 580	9 578
282.0	9 576	9 573	9 571	9 568	9 566	9 564	9 561	9 559	9 557	9 554
283.0	9 552	9 550	9 547	9 545	9 543	9 540	9 538	9 536	9 533	9 531
284.0	9 529	9 526	9 524	9 522	9 519	9 517	9 515	9 512	9 510	9 508
285.0	9 505	9 503	9 501	9 499	9 496	9 494	9 492	9 489	9 487	9 485
286.0	9 482	9 480	9 478	9 475	9 473	9 471	9 468	9 466	9 464	9 461
287.0	9 459	9 457	9 454	9 452	9 450	9 448	9 445	9 443	9 441	9 438
288.0	9 436	9 434	9 431	9 429	9 427	9 425	9 422	9 420	9 418	9 415
289.0	9 413	9 411	9 408	9 406	9 404	9 402	9 399	9 397	9 395	9 392
290.0	9 390	9 388	9 385	9 383	9 381	9 379	9 376	9 374	9 372	9 369
291.0	9 367	9 365	9 363	9 360	9 358	9 356	9 353	9 351	9 349	9 347
292.0	9 344	9 342	9 340	9 337	9 335	9 333	9 331	9 328	9 326	9 324
293.0	9 322	9 319	9 317	9 315	9 312	9 310	9 308	9 306	9 303	9 301
294.0	9 299	9 297	9 294	9 292	9 290	9 288	9 285	9 283	9 281	9 278
295.0	9 276	9 274	9 272	9 269	9 267	9 265	9 263	9 260	9 258	9 256
296.0	9 254	9 251	9 249	9 247	9 245	9 242	9 240	9 238	9 236	9 233
297.0	9 231	9 229	9 227	9 224	9 222	9 220	9 218	9 215	9 213	9 211
298.0	9 209	9 206	9 204	9 202	9 200	9 197	9 195	9 193	9 191	9 189
299.0	9 186	9 184	9 182	9 180	9 177	9 175	9 173	9 171	9 168	9 166
300.0	9 164	9 162	9 159	9 157	9 155	9 153	9 151	9 148	9 146	9 144
301.0	9 142	9 139	9 137	9 135	9 133	9 131	9 128	9 126	9 124	9 122
302.0	9 119	9 117	9 115	9 113	9 111	9 108	9 106	9 104	9 102	9 100
303.0	9 097	9 095	9 093	9 091	9 088	9 086	9 084	9 082	9 080	9 077
304.0	9 075	9 073	9 071	9 069	9 066	9 064	9 062	9 060	9 058	9 055
305.0	9 053	9 051	9 049	9 047	9 044	9 042	9 040	9 038	9 036	9 033
306.0	9 031	9 029	9 027	9 025	9 022	9 020	9 018	9 016	9 014	9 011
307.0	9 009	9 007	9 005	9 003	9 001	8 998	8 996	8 994	8 992	8 990
308.0	8 987	8 985	8 983	8 981	8 979	8 977	8 974	8 972	8 970	8 968
309.0	8 966	8 963	8 961	8 959	8 957	8 955	8 953	8 950	8 948	8 946
310.0	8 944	8 942	8 940	8 937	8 935	8 933	8 931	8 929	8 927	8 924
311.0	8 922	8 920	8 918	8 916	8 914	8 911	8 909	8 907	8 905	8 903
312.0	8 901	8 898	8 896	8 894	8 892	8 890	8 888	8 885	8 883	8 881
313.0	8 879	8 877	8 875	8 873	8 870	8 868	8 866	8 864	8 862	8 860
314.0	8 857	8 855	8 853	8 851	8 849	8 847	8 845	8 842	8 840	8 838
315.0	8 836	8 834	8 832	8 830	8 827	8 825	8 823	8 821	8 819	8 817
316.0	8 815	8 812	8 810	8 808	8 806	8 804	8 802	8 800	8 797	8 795
317.0	8 793	8 791	8 789	8 787	8 785	8 783	8 780	8 778	8 776	8 774
318.0	8 772	8 770	8 768	8 766	8 763	8 761	8 759	8 757	8 755	8 753
319.0	8 751	8 749	8 746	8 744	8 742	8 740	8 738	8 736	8 734	8 732

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
260.0	33 164	33 156	33 148	33 140	33 132	33 123	33 115	33 107	33 099	33 091
261.0	33 082	33 074	33 066	33 058	33 050	33 041	33 033	33 025	33 017	33 009
262.0	33 001	32 992	32 984	32 976	32 968	32 960	32 952	32 943	32 935	32 927
263.0	32 919	32 911	32 903	32 895	32 887	32 878	32 870	32 862	32 854	32 846
264.0	32 838	32 830	32 822	32 813	32 805	32 797	32 789	32 781	32 773	32 765
265.0	32 757	32 749	32 741	32 732	32 724	32 716	32 708	32 700	32 692	32 684
266.0	32 676	32 668	32 660	32 652	32 644	32 636	32 628	32 620	32 612	32 603
267.0	32 595	32 587	32 579	32 571	32 563	32 555	32 547	32 539	32 531	32 523
268.0	32 515	32 507	32 499	32 491	32 483	32 475	32 467	32 459	32 451	32 443
269.0	32 435	32 427	32 419	32 411	32 403	32 395	32 387	32 379	32 371	32 363
270.0	32 355	32 347	32 339	32 331	32 323	32 315	32 308	32 300	32 292	32 284
271.0	32 276	32 268	32 260	32 252	32 244	32 236	32 228	32 220	32 212	32 204
272.0	32 196	32 188	32 181	32 173	32 165	32 157	32 149	32 141	32 133	32 125
273.0	32 117	32 109	32 101	32 094	32 086	32 078	32 070	32 062	32 054	32 046
274.0	32 038	32 031	32 023	32 015	32 007	31 999	31 991	31 983	31 975	31 968
275.0	31 960	31 952	31 944	31 936	31 928	31 921	31 913	31 905	31 897	31 889
276.0	31 881	31 874	31 866	31 858	31 850	31 842	31 834	31 827	31 819	31 811
277.0	31 803	31 795	31 788	31 780	31 772	31 764	31 756	31 749	31 741	31 733
278.0	31 725	31 717	31 710	31 702	31 694	31 686	31 679	31 671	31 663	31 655
279.0	31 648	31 640	31 632	31 624	31 617	31 609	31 601	31 593	31 586	31 578
280.0	31 570	31 562	31 555	31 547	31 539	31 531	31 524	31 516	31 508	31 501
281.0	31 493	31 485	31 477	31 470	31 462	31 454	31 447	31 439	31 431	31 423
282.0	31 416	31 408	31 400	31 393	31 385	31 377	31 370	31 362	31 354	31 347
283.0	31 339	31 331	31 324	31 316	31 308	31 301	31 293	31 285	31 278	31 270
284.0	31 262	31 255	31 247	31 239	31 232	31 224	31 216	31 209	31 201	31 194
285.0	31 186	31 178	31 171	31 163	31 155	31 148	31 140	31 133	31 125	31 117
286.0	31 110	31 102	31 095	31 087	31 079	31 072	31 064	31 057	31 049	31 041
287.0	31 034	31 026	31 019	31 011	31 004	30 996	30 988	30 981	30 973	30 966
288.0	30 958	30 951	30 943	30 935	30 928	30 920	30 913	30 905	30 898	30 890
289.0	30 883	30 875	30 867	30 860	30 852	30 845	30 837	30 830	30 822	30 815
290.0	30 807	30 800	30 792	30 785	30 777	30 770	30 762	30 755	30 747	30 740
291.0	30 732	30 725	30 717	30 710	30 702	30 695	30 687	30 680	30 672	30 665
292.0	30 657	30 650	30 642	30 635	30 627	30 620	30 612	30 605	30 597	30 590
293.0	30 583	30 575	30 568	30 560	30 553	30 545	30 538	30 530	30 523	30 516
294.0	30 508	30 501	30 493	30 486	30 478	30 471	30 463	30 456	30 449	30 441
295.0	30 434	30 426	30 419	30 412	30 404	30 397	30 389	30 382	30 375	30 367
296.0	30 360	30 352	30 345	30 338	30 330	30 323	30 315	30 308	30 301	30 293
297.0	30 286	30 278	30 271	30 264	30 256	30 249	30 242	30 234	30 227	30 220
298.0	30 212	30 205	30 197	30 190	30 183	30 175	30 168	30 161	30 153	30 146
299.0	30 139	30 131	30 124	30 117	30 109	30 102	30 095	30 087	30 080	30 073
300.0	30 065	30 058	30 051	30 043	30 036	30 029	30 022	30 014	30 007	30 000
301.0	29 992	29 985	29 978	29 970	29 963	29 956	29 949	29 941	29 934	29 927
302.0	29 919	29 912	29 905	29 898	29 890	29 883	29 876	29 869	29 861	29 854
303.0	29 847	29 840	29 832	29 825	29 818	29 811	29 803	29 796	29 789	29 782
304.0	29 774	29 767	29 760	29 753	29 745	29 738	29 731	29 724	29 716	29 709
305.0	29 702	29 695	29 688	29 680	29 673	29 666	29 659	29 652	29 644	29 637
306.0	29 630	29 623	29 616	29 608	29 601	29 594	29 587	29 580	29 572	29 565
307.0	29 558	29 551	29 544	29 536	29 529	29 522	29 515	29 508	29 501	29 493
308.0	29 486	29 479	29 472	29 465	29 458	29 450	29 443	29 436	29 429	29 422
309.0	29 415	29 408	29 400	29 393	29 386	29 379	29 372	29 365	29 358	29 351
310.0	29 343	29 336	29 329	29 322	29 315	29 308	29 301	29 294	29 286	29 279
311.0	29 272	29 265	29 258	29 251	29 244	29 237	29 230	29 223	29 215	29 208
312.0	29 201	29 194	29 187	29 180	29 173	29 166	29 159	29 152	29 145	29 138
313.0	29 130	29 123	29 116	29 109	29 102	29 095	29 088	29 081	29 074	29 067
314.0	29 060	29 053	29 046	29 039	29 032	29 025	29 018	29 011	29 003	28 996
315.0	28 989	28 982	28 975	28 968	28 961	28 954	28 947	28 940	28 933	28 926
316.0	28 919	28 912	28 905	28 898	28 891	28 884	28 877	28 870	28 863	28 856
317.0	28 849	28 842	28 835	28 828	28 821	28 814	28 807	28 800	28 793	28 786
318.0	28 779	28 772	28 765	28 758	28 751	28 744	28 737	28 730	28 723	28 716
319.0	28 709	28 703	28 696	28 689	28 682	28 675	28 668	28 661	28 654	28 647

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
320.0	8 729	8 727	8 725	8 723	8 721	8 719	8 717	8 715	8 713	8 710
321.0	8 708	8 706	8 704	8 702	8 700	8 698	8 696	8 694	8 691	8 689
322.0	8 687	8 685	8 683	8 681	8 679	8 677	8 675	8 673	8 670	8 668
323.0	8 666	8 664	8 662	8 660	8 658	8 656	8 654	8 652	8 649	8 647
324.0	8 645	8 643	8 641	8 639	8 637	8 635	8 633	8 631	8 628	8 626
325.0	8 624	8 622	8 620	8 618	8 616	8 614	8 612	8 610	8 608	8 605
326.0	8 603	8 601	8 599	8 597	8 595	8 593	8 591	8 589	8 587	8 585
327.0	8 583	8 581	8 578	8 576	8 574	8 572	8 570	8 568	8 566	8 564
328.0	8 562	8 560	8 558	8 556	8 554	8 551	8 549	8 547	8 545	8 543
329.0	8 541	8 539	8 537	8 535	8 533	8 531	8 529	8 527	8 525	8 522
330.0	8 520	8 518	8 516	8 514	8 512	8 510	8 508	8 506	8 504	8 502
331.0	8 500	8 498	8 496	8 494	8 492	8 490	8 487	8 485	8 483	8 481
332.0	8 479	8 477	8 475	8 473	8 471	8 469	8 467	8 465	8 463	8 461
333.0	8 459	8 457	8 455	8 453	8 451	8 448	8 446	8 444	8 442	8 440
334.0	8 438	8 436	8 434	8 432	8 430	8 428	8 426	8 424	8 422	8 420
335.0	8 418	8 416	8 414	8 412	8 410	8 408	8 406	8 404	8 402	8 399
336.0	8 397	8 395	8 393	8 391	8 389	8 387	8 385	8 383	8 381	8 379
337.0	8 377	8 375	8 373	8 371	8 369	8 367	8 365	8 363	8 361	8 359
338.0	8 357	8 355	8 353	8 351	8 349	8 347	8 345	8 343	8 341	8 339
339.0	8 337	8 335	8 333	8 331	8 329	8 327	8 325	8 322	8 320	8 318
340.0	8 316	8 314	8 312	8 310	8 308	8 306	8 304	8 302	8 300	8 298
341.0	8 296	8 294	8 292	8 290	8 288	8 286	8 284	8 282	8 280	8 278
342.0	8 276	8 274	8 272	8 270	8 268	8 266	8 264	8 262	8 260	8 258
343.0	8 256	8 254	8 252	8 250	8 248	8 246	8 244	8 242	8 240	8 238
344.0	8 236	8 234	8 232	8 230	8 228	8 226	8 224	8 222	8 220	8 218
345.0	8 216	8 214	8 212	8 210	8 208	8 206	8 204	8 202	8 200	8 198
346.0	8 196	8 194	8 192	8 190	8 188	8 186	8 184	8 182	8 180	8 179
347.0	8 177	8 175	8 173	8 171	8 169	8 167	8 165	8 163	8 161	8 159
348.0	8 157	8 155	8 153	8 151	8 149	8 147	8 145	8 143	8 141	8 139
349.0	8 137	8 135	8 133	8 131	8 129	8 127	8 125	8 123	8 121	8 119
350.0	8 117	8 115	8 113	8 111	8 109	8 107	8 105	8 103	8 102	8 100
351.0	8 098	8 096	8 094	8 092	8 090	8 088	8 086	8 084	8 082	8 080
352.0	8 078	8 076	8 074	8 072	8 070	8 068	8 066	8 064	8 062	8 060
353.0	8 058	8 056	8 054	8 053	8 051	8 049	8 047	8 045	8 043	8 041
354.0	8 039	8 037	8 035	8 033	8 031	8 029	8 027	8 025	8 023	8 021
355.0	8 019	8 017	8 016	8 014	8 012	8 010	8 008	8 006	8 004	8 002
356.0	8 000	7 998	7 996	7 994	7 992	7 990	7 988	7 986	7 984	7 982
357.0	7 981	7 979	7 977	7 975	7 973	7 971	7 969	7 967	7 965	7 963
358.0	7 961	7 959	7 957	7 955	7 953	7 952	7 950	7 948	7 946	7 944
359.0	7 942	7 940	7 938	7 936	7 934	7 932	7 930	7 928	7 926	7 925
360.0	7 923	7 921	7 919	7 917	7 915	7 913	7 911	7 909	7 907	7 905
361.0	7 903	7 901	7 900	7 898	7 896	7 894	7 892	7 890	7 888	7 886
362.0	7 884	7 882	7 880	7 878	7 877	7 875	7 873	7 871	7 869	7 867
363.0	7 865	7 863	7 861	7 859	7 857	7 856	7 854	7 852	7 850	7 848
364.0	7 846	7 844	7 842	7 840	7 838	7 836	7 835	7 833	7 831	7 829
365.0	7 827	7 825	7 823	7 821	7 819	7 817	7 816	7 814	7 812	7 810
366.0	7 808	7 806	7 804	7 802	7 800	7 798	7 797	7 795	7 793	7 791
367.0	7 789	7 787	7 785	7 783	7 781	7 780	7 778	7 776	7 774	7 772
368.0	7 770	7 768	7 766	7 764	7 763	7 761	7 759	7 757	7 755	7 753
369.0	7 751	7 749	7 747	7 746	7 744	7 742	7 740	7 738	7 736	7 734
370.0	7 732	7 730	7 729	7 727	7 725	7 723	7 721	7 719	7 717	7 715
371.0	7 714	7 712	7 710	7 708	7 706	7 704	7 702	7 700	7 699	7 697
372.0	7 695	7 693	7 691	7 689	7 687	7 685	7 684	7 682	7 680	7 678
373.0	7 676	7 674	7 672	7 670	7 669	7 667	7 665	7 663	7 661	7 659
374.0	7 657	7 656	7 654	7 652	7 650	7 648	7 646	7 644	7 642	7 641
375.0	7 639	7 637	7 635	7 633	7 631	7 629	7 628	7 626	7 624	7 622
376.0	7 620	7 618	7 616	7 615	7 613	7 611	7 609	7 607	7 605	7 603
377.0	7 602	7 600	7 598	7 596	7 594	7 592	7 590	7 589	7 587	7 585
378.0	7 583	7 581	7 579	7 578	7 576	7 574	7 572	7 570	7 568	7 566
379.0	7 565	7 563	7 561	7 559	7 557	7 555	7 554	7 552	7 550	7 548

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
320.0	28 640	28 633	28 626	28 619	28 612	28 605	28 598	28 591	28 584	28 578
321.0	28 571	28 564	28 557	28 550	28 543	28 536	28 529	28 522	28 515	28 508
322.0	28 501	28 495	28 488	28 481	28 474	28 467	28 460	28 453	28 446	28 439
323.0	28 432	28 426	28 419	28 412	28 405	28 398	28 391	28 384	28 377	28 370
324.0	28 364	28 357	28 350	28 343	28 336	28 329	28 322	28 315	28 309	28 302
325.0	28 295	28 288	28 281	28 274	28 267	28 261	28 254	28 247	28 240	28 233
326.0	28 226	28 220	28 213	28 206	28 199	28 192	28 185	28 179	28 172	28 165
327.0	28 158	28 151	28 144	28 138	28 131	28 124	28 117	28 110	28 104	28 097
328.0	28 090	28 083	28 076	28 070	28 063	28 056	28 049	28 042	28 036	28 029
329.0	28 022	28 015	28 008	28 002	27 995	27 988	27 981	27 974	27 968	27 961
330.0	27 954	27 947	27 941	27 934	27 927	27 920	27 914	27 907	27 900	27 893
331.0	27 886	27 880	27 873	27 866	27 859	27 853	27 846	27 839	27 832	27 826
332.0	27 819	27 812	27 805	27 799	27 792	27 785	27 779	27 772	27 765	27 758
333.0	27 752	27 745	27 738	27 731	27 725	27 718	27 711	27 705	27 698	27 691
334.0	27 684	27 678	27 671	27 664	27 658	27 651	27 644	27 638	27 631	27 624
335.0	27 617	27 611	27 604	27 597	27 591	27 584	27 577	27 571	27 564	27 557
336.0	27 551	27 544	27 537	27 531	27 524	27 517	27 511	27 504	27 497	27 491
337.0	27 484	27 477	27 471	27 464	27 457	27 451	27 444	27 437	27 431	27 424
338.0	27 417	27 411	27 404	27 398	27 391	27 384	27 378	27 371	27 364	27 358
339.0	27 351	27 344	27 338	27 331	27 325	27 318	27 311	27 305	27 298	27 292
340.0	27 285	27 278	27 272	27 265	27 258	27 252	27 245	27 239	27 232	27 225
341.0	27 219	27 212	27 206	27 199	27 192	27 186	27 179	27 173	27 166	27 160
342.0	27 153	27 146	27 140	27 133	27 127	27 120	27 114	27 107	27 100	27 094
343.0	27 087	27 081	27 074	27 068	27 061	27 054	27 048	27 041	27 035	27 028
344.0	27 022	27 015	27 009	27 002	26 995	26 989	26 982	26 976	26 969	26 963
345.0	26 956	26 950	26 943	26 937	26 930	26 924	26 917	26 911	26 904	26 897
346.0	26 891	26 884	26 878	26 871	26 865	26 858	26 852	26 845	26 839	26 832
347.0	26 826	26 819	26 813	26 806	26 800	26 793	26 787	26 780	26 774	26 767
348.0	26 761	26 754	26 748	26 741	26 735	26 728	26 722	26 716	26 709	26 703
349.0	26 696	26 690	26 683	26 677	26 670	26 664	26 657	26 651	26 644	26 638
350.0	26 631	26 625	26 619	26 612	26 606	26 599	26 593	26 586	26 580	26 573
351.0	26 567	26 560	26 554	26 548	26 541	26 535	26 528	26 522	26 515	26 509
352.0	26 503	26 496	26 490	26 483	26 477	26 470	26 464	26 458	26 451	26 445
353.0	26 438	26 432	26 426	26 419	26 413	26 406	26 400	26 393	26 387	26 381
354.0	26 374	26 368	26 361	26 355	26 349	26 342	26 336	26 330	26 323	26 317
355.0	26 310	26 304	26 298	26 291	26 285	26 278	26 272	26 266	26 259	26 253
356.0	26 247	26 240	26 234	26 227	26 221	26 215	26 208	26 202	26 196	26 189
357.0	26 183	26 177	26 170	26 164	26 158	26 151	26 145	26 138	26 132	26 126
358.0	26 119	26 113	26 107	26 100	26 094	26 088	26 081	26 075	26 069	26 062
359.0	26 056	26 050	26 043	26 037	26 031	26 024	26 018	26 012	26 006	25 999
360.0	25 993	25 987	25 980	25 974	25 968	25 961	25 955	25 949	25 942	25 936
361.0	25 930	25 924	25 917	25 911	25 905	25 898	25 892	25 886	25 880	25 873
362.0	25 867	25 861	25 854	25 848	25 842	25 836	25 829	25 823	25 817	25 810
363.0	25 804	25 798	25 792	25 785	25 779	25 773	25 767	25 760	25 754	25 748
364.0	25 742	25 735	25 729	25 723	25 716	25 710	25 704	25 698	25 692	25 685
365.0	25 679	25 673	25 667	25 660	25 654	25 648	25 642	25 635	25 629	25 623
366.0	25 617	25 610	25 604	25 598	25 592	25 586	25 579	25 573	25 567	25 561
367.0	25 554	25 548	25 542	25 536	25 530	25 523	25 517	25 511	25 505	25 499
368.0	25 492	25 486	25 480	25 474	25 468	25 461	25 455	25 449	25 443	25 437
369.0	25 430	25 424	25 418	25 412	25 406	25 399	25 393	25 387	25 381	25 375
370.0	25 369	25 362	25 356	25 350	25 344	25 338	25 332	25 325	25 319	25 313
371.0	25 307	25 301	25 295	25 288	25 282	25 276	25 270	25 264	25 258	25 252
372.0	25 245	25 239	25 233	25 227	25 221	25 215	25 209	25 202	25 196	25 190
373.0	25 184	25 178	25 172	25 166	25 159	25 153	25 147	25 141	25 135	25 129
374.0	25 123	25 117	25 110	25 104	25 098	25 092	25 086	25 080	25 074	25 068
375.0	25 062	25 055	25 049	25 043	25 037	25 031	25 025	25 019	25 013	25 007
376.0	25 001	24 994	24 988	24 982	24 976	24 970	24 964	24 958	24 952	24 946
377.0	24 940	24 934	24 927	24 921	24 915	24 909	24 903	24 897	24 891	24 885
378.0	24 879	24 873	24 867	24 861	24 855	24 849	24 843	24 836	24 830	24 824
379.0	24 818	24 812	24 806	24 800	24 794	24 788	24 782	24 776	24 770	24 764

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
380.0	7 546	7 544	7 542	7 541	7 539	7 537	7 535	7 533	7 531	7 530
381.0	7 528	7 526	7 524	7 522	7 520	7 519	7 517	7 515	7 513	7 511
382.0	7 509	7 508	7 506	7 504	7 502	7 500	7 498	7 497	7 495	7 493
383.0	7 491	7 489	7 487	7 486	7 484	7 482	7 480	7 478	7 476	7 475
384.0	7 473	7 471	7 469	7 467	7 466	7 464	7 462	7 460	7 458	7 456
385.0	7 455	7 453	7 451	7 449	7 447	7 445	7 444	7 442	7 440	7 438
386.0	7 436	7 435	7 433	7 431	7 429	7 427	7 425	7 424	7 422	7 420
387.0	7 418	7 416	7 415	7 413	7 411	7 409	7 407	7 406	7 404	7 402
388.0	7 400	7 398	7 396	7 395	7 393	7 391	7 389	7 387	7 386	7 384
389.0	7 382	7 380	7 378	7 377	7 375	7 373	7 371	7 369	7 368	7 366
390.0	7 364	7 362	7 360	7 359	7 357	7 355	7 353	7 351	7 350	7 348
391.0	7 346	7 344	7 342	7 341	7 339	7 337	7 335	7 333	7 332	7 330
392.0	7 328	7 326	7 324	7 323	7 321	7 319	7 317	7 315	7 314	7 312
393.0	7 310	7 308	7 306	7 305	7 303	7 301	7 299	7 297	7 296	7 294
394.0	7 292	7 290	7 289	7 287	7 285	7 283	7 281	7 280	7 278	7 276
395.0	7 274	7 272	7 271	7 269	7 267	7 265	7 264	7 262	7 260	7 258
396.0	7 256	7 255	7 253	7 251	7 249	7 247	7 246	7 244	7 242	7 240
397.0	7 239	7 237	7 235	7 233	7 231	7 230	7 228	7 226	7 224	7 223
398.0	7 221	7 219	7 217	7 216	7 214	7 212	7 210	7 208	7 207	7 205
399.0	7 203	7 201	7 200	7 198	7 196	7 194	7 192	7 191	7 189	7 187
400.0	7 185	7 184	7 182	7 180	7 178	7 177	7 175	7 173	7 171	7 170
401.0	7 168	7 166	7 164	7 162	7 161	7 159	7 157	7 155	7 154	7 152
402.0	7 150	7 148	7 147	7 145	7 143	7 141	7 140	7 138	7 136	7 134
403.0	7 133	7 131	7 129	7 127	7 126	7 124	7 122	7 120	7 119	7 117
404.0	7 115	7 113	7 112	7 110	7 108	7 106	7 105	7 103	7 101	7 099
405.0	7 098	7 096	7 094	7 092	7 091	7 089	7 087	7 085	7 084	7 082
406.0	7 080	7 078	7 077	7 075	7 073	7 071	7 070	7 068	7 066	7 064
407.0	7 063	7 061	7 059	7 057	7 056	7 054	7 052	7 050	7 049	7 047
408.0	7 045	7 043	7 042	7 040	7 038	7 037	7 035	7 033	7 031	7 030
409.0	7 028	7 026	7 024	7 023	7 021	7 019	7 017	7 016	7 014	7 012
410.0	7 011	7 009	7 007	7 005	7 004	7 002	7 000	6 998	6 997	6 995
411.0	6 993	6 991	6 990	6 988	6 986	6 985	6 983	6 981	6 979	6 978
412.0	6 976	6 974	6 972	6 971	6 969	6 967	6 966	6 964	6 962	6 960
413.0	6 959	6 957	6 955	6 954	6 952	6 950	6 948	6 947	6 945	6 943
414.0	6 942	6 940	6 938	6 936	6 935	6 933	6 931	6 929	6 928	6 926
415.0	6 924	6 923	6 921	6 919	6 917	6 916	6 914	6 912	6 911	6 909
416.0	6 907	6 905	6 904	6 902	6 900	6 899	6 897	6 895	6 894	6 892
417.0	6 890	6 888	6 887	6 885	6 883	6 882	6 880	6 878	6 876	6 875
418.0	6 873	6 871	6 870	6 868	6 866	6 865	6 863	6 861	6 859	6 858
419.0	6 856	6 854	6 853	6 851	6 849	6 847	6 846	6 844	6 842	6 841
420.0	6 839	6 837	6 836	6 834	6 832	6 831	6 829	6 827	6 825	6 824
421.0	6 822	6 820	6 819	6 817	6 815	6 814	6 812	6 810	6 808	6 807
422.0	6 805	6 803	6 802	6 800	6 798	6 797	6 795	6 793	6 792	6 790
423.0	6 788	6 787	6 785	6 783	6 781	6 780	6 778	6 776	6 775	6 773
424.0	6 771	6 770	6 768	6 766	6 765	6 763	6 761	6 760	6 758	6 756
425.0	6 754	6 753	6 751	6 749	6 748	6 746	6 744	6 743	6 741	6 739
426.0	6 738	6 736	6 734	6 733	6 731	6 729	6 728	6 726	6 724	6 723
427.0	6 721	6 719	6 718	6 716	6 714	6 713	6 711	6 709	6 708	6 706
428.0	6 704	6 702	6 701	6 699	6 697	6 696	6 694	6 692	6 691	6 689
429.0	6 687	6 686	6 684	6 682	6 681	6 679	6 677	6 676	6 674	6 672
430.0	6 671	6 669	6 667	6 666	6 664	6 662	6 661	6 659	6 657	6 656
431.0	6 654	6 652	6 651	6 649	6 647	6 646	6 644	6 642	6 641	6 639
432.0	6 638	6 636	6 634	6 633	6 631	6 629	6 628	6 626	6 624	6 623
433.0	6 621	6 619	6 618	6 616	6 614	6 613	6 611	6 609	6 608	6 606
434.0	6 604	6 603	6 601	6 599	6 598	6 596	6 594	6 593	6 591	6 589
435.0	6 588	6 586	6 585	6 583	6 581	6 580	6 578	6 576	6 575	6 573
436.0	6 571	6 570	6 568	6 566	6 565	6 563	6 561	6 560	6 558	6 557
437.0	6 555	6 553	6 552	6 550	6 548	6 547	6 545	6 543	6 542	6 540
438.0	6 538	6 537	6 535	6 534	6 532	6 530	6 529	6 527	6 525	6 524
439.0	6 522	6 520	6 519	6 517	6 516	6 514	6 512	6 511	6 509	6 507

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
380.0	24 758	24 752	24 746	24 740	24 734	24 728	24 722	24 716	24 709	24 703
381.0	24 697	24 691	24 685	24 679	24 673	24 667	24 661	24 655	24 649	24 643
382.0	24 637	24 631	24 625	24 619	24 613	24 607	24 601	24 595	24 589	24 583
383.0	24 577	24 571	24 565	24 559	24 553	24 547	24 541	24 535	24 529	24 523
384.0	24 517	24 511	24 505	24 499	24 493	24 487	24 481	24 475	24 469	24 463
385.0	24 457	24 451	24 445	24 439	24 433	24 427	24 421	24 415	24 409	24 403
386.0	24 398	24 392	24 386	24 380	24 374	24 368	24 362	24 356	24 350	24 344
387.0	24 338	24 332	24 326	24 320	24 314	24 308	24 302	24 296	24 290	24 284
388.0	24 278	24 273	24 267	24 261	24 255	24 249	24 243	24 237	24 231	24 225
389.0	24 219	24 213	24 207	24 201	24 195	24 189	24 184	24 178	24 172	24 166
390.0	24 160	24 154	24 148	24 142	24 136	24 130	24 124	24 118	24 113	24 107
391.0	24 101	24 095	24 089	24 083	24 077	24 071	24 065	24 059	24 054	24 048
392.0	24 042	24 036	24 030	24 024	24 018	24 012	24 006	24 001	23 995	23 989
393.0	23 983	23 977	23 971	23 965	23 959	23 954	23 948	23 942	23 936	23 930
394.0	23 924	23 918	23 912	23 907	23 901	23 895	23 889	23 883	23 877	23 871
395.0	23 866	23 860	23 854	23 848	23 842	23 836	23 830	23 825	23 819	23 813
396.0	23 807	23 801	23 795	23 790	23 784	23 778	23 772	23 766	23 760	23 755
397.0	23 749	23 743	23 737	23 731	23 725	23 720	23 714	23 708	23 702	23 696
398.0	23 690	23 685	23 679	23 673	23 667	23 661	23 656	23 650	23 644	23 638
399.0	23 632	23 626	23 621	23 615	23 609	23 603	23 597	23 592	23 586	23 580
400.0	23 574	23 568	23 563	23 557	23 551	23 545	23 539	23 534	23 528	23 522
401.0	23 516	23 511	23 505	23 499	23 493	23 487	23 482	23 476	23 470	23 464
402.0	23 459	23 453	23 447	23 441	23 435	23 430	23 424	23 418	23 412	23 407
403.0	23 401	23 395	23 389	23 384	23 378	23 372	23 366	23 361	23 355	23 349
404.0	23 343	23 338	23 332	23 326	23 320	23 315	23 309	23 303	23 297	23 292
405.0	23 286	23 280	23 274	23 269	23 263	23 257	23 251	23 246	23 240	23 234
406.0	23 229	23 223	23 217	23 211	23 206	23 200	23 194	23 188	23 183	23 177
407.0	23 171	23 166	23 160	23 154	23 148	23 143	23 137	23 131	23 126	23 120
408.0	23 114	23 109	23 103	23 097	23 091	23 086	23 080	23 074	23 069	23 063
409.0	23 057	23 052	23 046	23 040	23 034	23 029	23 023	23 017	23 012	23 006
410.0	23 000	22 995	22 989	22 983	22 978	22 972	22 966	22 961	22 955	22 949
411.0	22 944	22 938	22 932	22 927	22 921	22 915	22 910	22 904	22 898	22 893
412.0	22 887	22 881	22 876	22 870	22 864	22 859	22 853	22 847	22 842	22 836
413.0	22 830	22 825	22 819	22 813	22 808	22 802	22 797	22 791	22 785	22 780
414.0	22 774	22 768	22 763	22 757	22 751	22 746	22 740	22 735	22 729	22 723
415.0	22 718	22 712	22 706	22 701	22 695	22 690	22 684	22 678	22 673	22 667
416.0	22 661	22 656	22 650	22 645	22 639	22 633	22 628	22 622	22 617	22 611
417.0	22 605	22 600	22 594	22 589	22 583	22 577	22 572	22 566	22 561	22 555
418.0	22 549	22 544	22 538	22 533	22 527	22 521	22 516	22 510	22 505	22 499
419.0	22 493	22 488	22 482	22 477	22 471	22 466	22 460	22 454	22 449	22 443
420.0	22 438	22 432	22 427	22 421	22 415	22 410	22 404	22 399	22 393	22 388
421.0	22 382	22 376	22 371	22 365	22 360	22 354	22 349	22 343	22 338	22 332
422.0	22 326	22 321	22 315	22 310	22 304	22 299	22 293	22 288	22 282	22 277
423.0	22 271	22 265	22 260	22 254	22 249	22 243	22 238	22 232	22 227	22 221
424.0	22 216	22 210	22 205	22 199	22 194	22 188	22 182	22 177	22 171	22 166
425.0	22 160	22 155	22 149	22 144	22 138	22 133	22 127	22 122	22 116	22 111
426.0	22 105	22 100	22 094	22 089	22 083	22 078	22 072	22 067	22 061	22 056
427.0	22 050	22 045	22 039	22 034	22 028	22 023	22 017	22 012	22 006	22 001
428.0	21 995	21 990	21 984	21 979	21 973	21 968	21 962	21 957	21 951	21 946
429.0	21 940	21 935	21 930	21 924	21 919	21 913	21 908	21 902	21 897	21 891
430.0	21 886	21 880	21 875	21 869	21 864	21 858	21 853	21 848	21 842	21 837
431.0	21 831	21 826	21 820	21 815	21 809	21 804	21 798	21 793	21 788	21 782
432.0	21 777	21 771	21 766	21 760	21 755	21 749	21 744	21 739	21 733	21 728
433.0	21 722	21 717	21 711	21 706	21 700	21 695	21 690	21 684	21 679	21 673
434.0	21 668	21 662	21 657	21 652	21 646	21 641	21 635	21 630	21 625	21 619
435.0	21 614	21 608	21 603	21 597	21 592	21 587	21 581	21 576	21 570	21 565
436.0	21 560	21 554	21 549	21 543	21 538	21 533	21 527	21 522	21 516	21 511
437.0	21 506	21 500	21 495	21 489	21 484	21 479	21 473	21 468	21 462	21 457
438.0	21 452	21 446	21 441	21 435	21 430	21 425	21 419	21 414	21 409	21 403
439.0	21 398	21 392	21 387	21 382	21 376	21 371	21 366	21 360	21 355	21 349

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
440.0	6 506	6 504	6 502	6 501	6 499	6 498	6 496	6 494	6 493	6 491
441.0	6 489	6 488	6 486	6 484	6 483	6 481	6 480	6 478	6 476	6 475
442.0	6 473	6 471	6 470	6 468	6 467	6 465	6 463	6 462	6 460	6 458
443.0	6 457	6 455	6 454	6 452	6 450	6 449	6 447	6 445	6 444	6 442
444.0	6 441	6 439	6 437	6 436	6 434	6 432	6 431	6 429	6 428	6 426
445.0	6 424	6 423	6 421	6 419	6 418	6 416	6 415	6 413	6 411	6 410
446.0	6 408	6 406	6 405	6 403	6 402	6 400	6 398	6 397	6 395	6 394
447.0	6 392	6 390	6 389	6 387	6 385	6 384	6 382	6 381	6 379	6 377
448.0	6 376	6 374	6 373	6 371	6 369	6 368	6 366	6 365	6 363	6 361
449.0	6 360	6 358	6 356	6 355	6 353	6 352	6 350	6 348	6 347	6 345
450.0	6 344	6 342	6 340	6 339	6 337	6 336	6 334	6 332	6 331	6 329
451.0	6 328	6 326	6 324	6 323	6 321	6 320	6 318	6 316	6 315	6 313
452.0	6 312	6 310	6 308	6 307	6 305	6 304	6 302	6 300	6 299	6 297
453.0	6 296	6 294	6 292	6 291	6 289	6 288	6 286	6 284	6 283	6 281
454.0	6 280	6 278	6 276	6 275	6 273	6 272	6 270	6 268	6 267	6 265
455.0	6 264	6 262	6 260	6 259	6 257	6 256	6 254	6 253	6 251	6 249
456.0	6 248	6 246	6 245	6 243	6 241	6 240	6 238	6 237	6 235	6 233
457.0	6 232	6 230	6 229	6 227	6 226	6 224	6 222	6 221	6 219	6 218
458.0	6 216	6 214	6 213	6 211	6 210	6 208	6 207	6 205	6 203	6 202
459.0	6 200	6 199	6 197	6 195	6 194	6 192	6 191	6 189	6 188	6 186
460.0	6 184	6 183	6 181	6 180	6 178	6 177	6 175	6 173	6 172	6 170
461.0	6 169	6 167	6 166	6 164	6 162	6 161	6 159	6 158	6 156	6 154
462.0	6 153	6 151	6 150	6 148	6 147	6 145	6 143	6 142	6 140	6 139
463.0	6 137	6 136	6 134	6 133	6 131	6 129	6 128	6 126	6 125	6 123
464.0	6 122	6 120	6 118	6 117	6 115	6 114	6 112	6 111	6 109	6 107
465.0	6 106	6 104	6 103	6 101	6 100	6 098	6 097	6 095	6 093	6 092
466.0	6 090	6 089	6 087	6 086	6 084	6 082	6 081	6 079	6 078	6 076
467.0	6 075	6 073	6 072	6 070	6 068	6 067	6 065	6 064	6 062	6 061
468.0	6 059	6 058	6 056	6 054	6 053	6 051	6 050	6 048	6 047	6 045
469.0	6 044	6 042	6 040	6 039	6 037	6 036	6 034	6 033	6 031	6 030
470.0	6 028	6 026	6 025	6 023	6 022	6 020	6 019	6 017	6 016	6 014
471.0	6 013	6 011	6 009	6 008	6 006	6 005	6 003	6 002	6 000	5 999
472.0	5 997	5 996	5 994	5 992	5 991	5 989	5 988	5 986	5 985	5 983
473.0	5 982	5 980	5 979	5 977	5 975	5 974	5 972	5 971	5 969	5 968
474.0	5 966	5 965	5 963	5 962	5 960	5 959	5 957	5 955	5 954	5 952
475.0	5 951	5 949	5 948	5 946	5 945	5 943	5 942	5 940	5 939	5 937
476.0	5 935	5 934	5 932	5 931	5 929	5 928	5 926	5 925	5 923	5 922
477.0	5 920	5 919	5 917	5 916	5 914	5 912	5 911	5 909	5 908	5 906
478.0	5 905	5 903	5 902	5 900	5 899	5 897	5 896	5 894	5 893	5 891
479.0	5 890	5 888	5 886	5 885	5 883	5 882	5 880	5 879	5 877	5 876
480.0	5 874	5 873	5 871	5 870	5 868	5 867	5 865	5 864	5 862	5 861
481.0	5 859	5 858	5 856	5 854	5 853	5 851	5 850	5 848	5 847	5 845
482.0	5 844	5 842	5 841	5 839	5 838	5 836	5 835	5 833	5 832	5 830
483.0	5 829	5 827	5 826	5 824	5 823	5 821	5 820	5 818	5 817	5 815
484.0	5 814	5 812	5 810	5 809	5 807	5 806	5 804	5 803	5 801	5 800
485.0	5 798	5 797	5 795	5 794	5 792	5 791	5 789	5 788	5 786	5 785
486.0	5 783	5 782	5 780	5 779	5 777	5 776	5 774	5 773	5 771	5 770
487.0	5 768	5 767	5 765	5 764	5 762	5 761	5 759	5 758	5 756	5 755
488.0	5 753	5 752	5 750	5 749	5 747	5 746	5 744	5 743	5 741	5 740
489.0	5 738	5 737	5 735	5 734	5 732	5 731	5 729	5 728	5 726	5 725
490.0	5 723	5 722	5 720	5 719	5 717	5 716	5 714	5 713	5 711	5 710
491.0	5 708	5 707	5 705	5 704	5 702	5 701	5 699	5 698	5 696	5 695
492.0	5 693	5 692	5 690	5 689	5 687	5 686	5 684	5 683	5 681	5 680
493.0	5 678	5 677	5 675	5 674	5 672	5 671	5 669	5 668	5 666	5 665
494.0	5 663	5 662	5 660	5 659	5 657	5 656	5 654	5 653	5 651	5 650
495.0	5 648	5 647	5 645	5 644	5 643	5 641	5 640	5 638	5 637	5 635
496.0	5 634	5 632	5 631	5 629	5 628	5 626	5 625	5 623	5 622	5 620
497.0	5 619	5 617	5 616	5 614	5 613	5 611	5 610	5 608	5 607	5 605
498.0	5 604	5 602	5 601	5 600	5 598	5 597	5 595	5 594	5 592	5 591
499.0	5 589	5 588	5 586	5 585	5 583	5 582	5 580	5 579	5 577	5 576

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
440.0	21 344	21 339	21 333	21 328	21 323	21 317	21 312	21 307	21 301	21 296
441.0	21 291	21 285	21 280	21 274	21 269	21 264	21 258	21 253	21 248	21 242
442.0	21 237	21 232	21 226	21 221	21 216	21 210	21 205	21 200	21 194	21 189
443.0	21 184	21 178	21 173	21 168	21 162	21 157	21 152	21 146	21 141	21 136
444.0	21 130	21 125	21 120	21 114	21 109	21 104	21 098	21 093	21 088	21 082
445.0	21 077	21 072	21 066	21 061	21 056	21 050	21 045	21 040	21 035	21 029
446.0	21 024	21 019	21 013	21 008	21 003	20 997	20 992	20 987	20 981	20 976
447.0	20 971	20 966	20 960	20 955	20 950	20 944	20 939	20 934	20 929	20 923
448.0	20 918	20 913	20 907	20 902	20 897	20 892	20 886	20 881	20 876	20 870
449.0	20 865	20 860	20 855	20 849	20 844	20 839	20 833	20 828	20 823	20 818
450.0	20 812	20 807	20 802	20 797	20 791	20 786	20 781	20 776	20 770	20 765
451.0	20 760	20 754	20 749	20 744	20 739	20 733	20 728	20 723	20 718	20 712
452.0	20 707	20 702	20 697	20 691	20 686	20 681	20 676	20 670	20 665	20 660
453.0	20 655	20 649	20 644	20 639	20 634	20 629	20 623	20 618	20 613	20 608
454.0	20 602	20 597	20 592	20 587	20 581	20 576	20 571	20 566	20 561	20 555
455.0	20 550	20 545	20 540	20 534	20 529	20 524	20 519	20 514	20 508	20 503
456.0	20 498	20 493	20 487	20 482	20 477	20 472	20 467	20 461	20 456	20 451
457.0	20 446	20 441	20 435	20 430	20 425	20 420	20 415	20 409	20 404	20 399
458.0	20 394	20 389	20 383	20 378	20 373	20 368	20 363	20 357	20 352	20 347
459.0	20 342	20 337	20 332	20 326	20 321	20 316	20 311	20 306	20 300	20 295
460.0	20 290	20 285	20 280	20 275	20 269	20 264	20 259	20 254	20 249	20 244
461.0	20 238	20 233	20 228	20 223	20 218	20 213	20 207	20 202	20 197	20 192
462.0	20 187	20 182	20 176	20 171	20 166	20 161	20 156	20 151	20 146	20 140
463.0	20 135	20 130	20 125	20 120	20 115	20 109	20 104	20 099	20 094	20 089
464.0	20 084	20 079	20 073	20 068	20 063	20 058	20 053	20 048	20 043	20 038
465.0	20 032	20 027	20 022	20 017	20 012	20 007	20 002	19 997	19 991	19 986
466.0	19 981	19 976	19 971	19 966	19 961	19 956	19 950	19 945	19 940	19 935
467.0	19 930	19 925	19 920	19 915	19 910	19 904	19 899	19 894	19 889	19 884
468.0	19 879	19 874	19 869	19 864	19 858	19 853	19 848	19 843	19 838	19 833
469.0	19 828	19 823	19 818	19 813	19 807	19 802	19 797	19 792	19 787	19 782
470.0	19 777	19 772	19 767	19 762	19 757	19 752	19 746	19 741	19 736	19 731
471.0	19 726	19 721	19 716	19 711	19 706	19 701	19 696	19 691	19 686	19 680
472.0	19 675	19 670	19 665	19 660	19 655	19 650	19 645	19 640	19 635	19 630
473.0	19 625	19 620	19 615	19 610	19 605	19 599	19 594	19 589	19 584	19 579
474.0	19 574	19 569	19 564	19 559	19 554	19 549	19 544	19 539	19 534	19 529
475.0	19 524	19 519	19 514	19 509	19 504	19 498	19 493	19 488	19 483	19 478
476.0	19 473	19 468	19 463	19 458	19 453	19 448	19 443	19 438	19 433	19 428
477.0	19 423	19 418	19 413	19 408	19 403	19 398	19 393	19 388	19 383	19 378
478.0	19 373	19 368	19 363	19 358	19 353	19 348	19 343	19 338	19 333	19 328
479.0	19 323	19 318	19 313	19 308	19 303	19 298	19 293	19 288	19 283	19 278
480.0	19 273	19 268	19 263	19 258	19 253	19 248	19 243	19 238	19 233	19 228
481.0	19 223	19 218	19 213	19 208	19 203	19 198	19 193	19 188	19 183	19 178
482.0	19 173	19 168	19 163	19 158	19 153	19 148	19 143	19 138	19 133	19 128
483.0	19 123	19 118	19 113	19 108	19 103	19 098	19 093	19 088	19 083	19 078
484.0	19 073	19 068	19 063	19 058	19 053	19 048	19 043	19 038	19 033	19 029
485.0	19 024	19 019	19 014	19 009	19 004	18 999	18 994	18 989	18 984	18 979
486.0	18 974	18 969	18 964	18 959	18 954	18 949	18 944	18 939	18 934	18 929
487.0	18 925	18 920	18 915	18 910	18 905	18 900	18 895	18 890	18 885	18 880
488.0	18 875	18 870	18 865	18 860	18 855	18 850	18 846	18 841	18 836	18 831
489.0	18 826	18 821	18 816	18 811	18 806	18 801	18 796	18 791	18 786	18 782
490.0	18 777	18 772	18 767	18 762	18 757	18 752	18 747	18 742	18 737	18 732
491.0	18 727	18 723	18 718	18 713	18 708	18 703	18 698	18 693	18 688	18 683
492.0	18 678	18 674	18 669	18 664	18 659	18 654	18 649	18 644	18 639	18 634
493.0	18 629	18 625	18 620	18 615	18 610	18 605	18 600	18 595	18 590	18 585
494.0	18 581	18 576	18 571	18 566	18 561	18 556	18 551	18 546	18 541	18 537
495.0	18 532	18 527	18 522	18 517	18 512	18 507	18 502	18 498	18 493	18 488
496.0	18 483	18 478	18 473	18 468	18 464	18 459	18 454	18 449	18 444	18 439
497.0	18 434	18 429	18 425	18 420	18 415	18 410	18 405	18 400	18 395	18 391
498.0	18 386	18 381	18 376	18 371	18 366	18 361	18 357	18 352	18 347	18 342
499.0	18 337	18 332	18 328	18 323	18 318	18 313	18 308	18 303	18 298	18 294

GEOPOTENTIAL ALTITUDE (METRES)

	Hectopascal fractions									
p (hPa)	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
500.0	5 574	5 573	5 571	5 570	5 569	5 567	5 566	5 564	5 563	5 561
501.0	5 560	5 558	5 557	5 555	5 554	5 552	5 551	5 549	5 548	5 546
502.0	5 545	5 544	5 542	5 541	5 539	5 538	5 536	5 535	5 533	5 532
503.0	5 530	5 529	5 527	5 526	5 524	5 523	5 521	5 520	5 519	5 517
504.0	5 516	5 514	5 513	5 511	5 510	5 508	5 507	5 505	5 504	5 502
505.0	5 501	5 500	5 498	5 497	5 495	5 494	5 492	5 491	5 489	5 488
506.0	5 486	5 485	5 483	5 482	5 481	5 479	5 478	5 476	5 475	5 473
507.0	5 472	5 470	5 469	5 467	5 466	5 464	5 463	5 462	5 460	5 459
508.0	5 457	5 456	5 454	5 453	5 451	5 450	5 448	5 447	5 446	5 444
509.0	5 443	5 441	5 440	5 438	5 437	5 435	5 434	5 432	5 431	5 430
510.0	5 428	5 427	5 425	5 424	5 422	5 421	5 419	5 418	5 417	5 415
511.0	5 414	5 412	5 411	5 409	5 408	5 406	5 405	5 403	5 402	5 401
512.0	5 399	5 398	5 396	5 395	5 393	5 392	5 390	5 389	5 388	5 386
513.0	5 385	5 383	5 382	5 380	5 379	5 377	5 376	5 375	5 373	5 372
514.0	5 370	5 369	5 367	5 366	5 364	5 363	5 362	5 360	5 359	5 357
515.0	5 356	5 354	5 353	5 352	5 350	5 349	5 347	5 346	5 344	5 343
516.0	5 341	5 340	5 339	5 337	5 336	5 334	5 333	5 331	5 330	5 329
517.0	5 327	5 326	5 324	5 323	5 321	5 320	5 318	5 317	5 316	5 314
518.0	5 313	5 311	5 310	5 308	5 307	5 306	5 304	5 303	5 301	5 300
519.0	5 298	5 297	5 296	5 294	5 293	5 291	5 290	5 288	5 287	5 286
520.0	5 284	5 283	5 281	5 280	5 278	5 277	5 276	5 274	5 273	5 271
521.0	5 270	5 268	5 267	5 266	5 264	5 263	5 261	5 260	5 258	5 257
522.0	5 256	5 254	5 253	5 251	5 250	5 248	5 247	5 246	5 244	5 243
523.0	5 241	5 240	5 239	5 237	5 236	5 234	5 233	5 231	5 230	5 229
524.0	5 227	5 226	5 224	5 223	5 221	5 220	5 219	5 217	5 216	5 214
525.0	5 213	5 212	5 210	5 209	5 207	5 206	5 204	5 203	5 202	5 200
526.0	5 199	5 197	5 196	5 195	5 193	5 192	5 190	5 189	5 187	5 186
527.0	5 185	5 183	5 182	5 180	5 179	5 178	5 176	5 175	5 173	5 172
528.0	5 171	5 169	5 168	5 166	5 165	5 163	5 162	5 161	5 159	5 158
529.0	5 156	5 155	5 154	5 152	5 151	5 149	5 148	5 147	5 145	5 144
530.0	5 142	5 141	5 140	5 138	5 137	5 135	5 134	5 133	5 131	5 130
531.0	5 128	5 127	5 126	5 124	5 123	5 121	5 120	5 118	5 117	5 116
532.0	5 114	5 113	5 111	5 110	5 109	5 107	5 106	5 104	5 103	5 102
533.0	5 100	5 099	5 097	5 096	5 095	5 093	5 092	5 090	5 089	5 088
534.0	5 086	5 085	5 083	5 082	5 081	5 079	5 078	5 076	5 075	5 074
535.0	5 072	5 071	5 070	5 068	5 067	5 065	5 064	5 063	5 061	5 060
536.0	5 058	5 057	5 056	5 054	5 053	5 051	5 050	5 049	5 047	5 046
537.0	5 044	5 043	5 042	5 040	5 039	5 037	5 036	5 035	5 033	5 032
538.0	5 031	5 029	5 028	5 026	5 025	5 024	5 022	5 021	5 019	5 018
539.0	5 017	5 015	5 014	5 012	5 011	5 010	5 008	5 007	5 006	5 004
540.0	5 003	5 001	5 000	4 999	4 997	4 996	4 994	4 993	4 992	4 990
541.0	4 989	4 988	4 986	4 985	4 983	4 982	4 981	4 979	4 978	4 976
542.0	4 975	4 974	4 972	4 971	4 970	4 968	4 967	4 965	4 964	4 963
543.0	4 961	4 960	4 959	4 957	4 956	4 954	4 953	4 952	4 950	4 949
544.0	4 947	4 946	4 945	4 943	4 942	4 941	4 939	4 938	4 936	4 935
545.0	4 934	4 932	4 931	4 930	4 928	4 927	4 925	4 924	4 923	4 921
546.0	4 920	4 919	4 917	4 916	4 914	4 913	4 912	4 910	4 909	4 908
547.0	4 906	4 905	4 904	4 902	4 901	4 899	4 898	4 897	4 895	4 894
548.0	4 893	4 891	4 890	4 888	4 887	4 886	4 884	4 883	4 882	4 880
549.0	4 879	4 878	4 876	4 875	4 873	4 872	4 871	4 869	4 868	4 867
550.0	4 865	4 864	4 862	4 861	4 860	4 858	4 857	4 856	4 854	4 853
551.0	4 852	4 850	4 849	4 847	4 846	4 845	4 843	4 842	4 841	4 839
552.0	4 838	4 837	4 835	4 834	4 833	4 831	4 830	4 828	4 827	4 826
553.0	4 824	4 823	4 822	4 820	4 819	4 818	4 816	4 815	4 813	4 812
554.0	4 811	4 809	4 808	4 807	4 805	4 804	4 803	4 801	4 800	4 799
555.0	4 797	4 796	4 794	4 793	4 792	4 790	4 789	4 788	4 786	4 785
556.0	4 784	4 782	4 781	4 780	4 778	4 777	4 776	4 774	4 773	4 771
557.0	4 770	4 769	4 767	4 766	4 765	4 763	4 762	4 761	4 759	4 758
558.0	4 757	4 755	4 754	4 753	4 751	4 750	4 749	4 747	4 746	4 744
559.0	4 743	4 742	4 740	4 739	4 738	4 736	4 735	4 734	4 732	4 731

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
500.0	18 289	18 284	18 279	18 274	18 269	18 265	18 260	18 255	18 250	18 245
501.0	18 240	18 236	18 231	18 226	18 221	18 216	18 211	18 207	18 202	18 197
502.0	18 192	18 187	18 183	18 178	18 173	18 168	18 163	18 158	18 154	18 149
503.0	18 144	18 139	18 134	18 130	18 125	18 120	18 115	18 110	18 106	18 101
504.0	18 096	18 091	18 086	18 081	18 077	18 072	18 067	18 062	18 057	18 053
505.0	18 048	18 043	18 038	18 033	18 029	18 024	18 019	18 014	18 009	18 005
506.0	18 000	17 995	17 990	17 986	17 981	17 976	17 971	17 966	17 962	17 957
507.0	17 952	17 947	17 942	17 938	17 933	17 928	17 923	17 919	17 914	17 909
508.0	17 904	17 899	17 895	17 890	17 885	17 880	17 876	17 871	17 866	17 861
509.0	17 856	17 852	17 847	17 842	17 837	17 833	17 828	17 823	17 818	17 814
510.0	17 809	17 804	17 799	17 795	17 790	17 785	17 780	17 776	17 771	17 766
511.0	17 761	17 756	17 752	17 747	17 742	17 737	17 733	17 728	17 723	17 718
512.0	17 714	17 709	17 704	17 700	17 695	17 690	17 685	17 681	17 676	17 671
513.0	17 666	17 662	17 657	17 652	17 647	17 643	17 638	17 633	17 628	17 624
514.0	17 619	17 614	17 610	17 605	17 600	17 595	17 591	17 586	17 581	17 576
515.0	17 572	17 567	17 562	17 558	17 553	17 548	17 543	17 539	17 534	17 529
516.0	17 524	17 520	17 515	17 510	17 506	17 501	17 496	17 491	17 487	17 482
517.0	17 477	17 473	17 468	17 463	17 459	17 454	17 449	17 444	17 440	17 435
518.0	17 430	17 426	17 421	17 416	17 412	17 407	17 402	17 397	17 393	17 388
519.0	17 383	17 379	17 374	17 369	17 365	17 360	17 355	17 350	17 346	17 341
520.0	17 336	17 332	17 327	17 322	17 318	17 313	17 308	17 304	17 299	17 294
521.0	17 290	17 285	17 280	17 276	17 271	17 266	17 262	17 257	17 252	17 247
522.0	17 243	17 238	17 233	17 229	17 224	17 219	17 215	17 210	17 205	17 201
523.0	17 196	17 191	17 187	17 182	17 177	17 173	17 168	17 163	17 159	17 154
524.0	17 150	17 145	17 140	17 136	17 131	17 126	17 122	17 117	17 112	17 108
525.0	17 103	17 098	17 094	17 089	17 084	17 080	17 075	17 070	17 066	17 061
526.0	17 056	17 052	17 047	17 043	17 038	17 033	17 029	17 024	17 019	17 015
527.0	17 010	17 005	17 001	16 996	16 992	16 987	16 982	16 978	16 973	16 968
528.0	16 964	16 959	16 954	16 950	16 945	16 941	16 936	16 931	16 927	16 922
529.0	16 917	16 913	16 908	16 904	16 899	16 894	16 890	16 885	16 881	16 876
530.0	16 871	16 867	16 862	16 857	16 853	16 848	16 844	16 839	16 834	16 830
531.0	16 825	16 821	16 816	16 811	16 807	16 802	16 798	16 793	16 788	16 784
532.0	16 779	16 775	16 770	16 765	16 761	16 756	16 752	16 747	16 742	16 738
533.0	16 733	16 729	16 724	16 719	16 715	16 710	16 706	16 701	16 696	16 692
534.0	16 687	16 683	16 678	16 673	16 669	16 664	16 660	16 655	16 651	16 646
535.0	16 641	16 637	16 632	16 628	16 623	16 618	16 614	16 609	16 605	16 600
536.0	16 596	16 591	16 586	16 582	16 577	16 573	16 568	16 564	16 559	16 554
537.0	16 550	16 545	16 541	16 536	16 532	16 527	16 523	16 518	16 513	16 509
538.0	16 504	16 500	16 495	16 491	16 486	16 481	16 477	16 472	16 468	16 463
539.0	16 459	16 454	16 450	16 445	16 441	16 436	16 431	16 427	16 422	16 418
540.0	16 413	16 409	16 404	16 400	16 395	16 391	16 386	16 381	16 377	16 372
541.0	16 368	16 363	16 359	16 354	16 350	16 345	16 341	16 336	16 332	16 327
542.0	16 322	16 318	16 313	16 309	16 304	16 300	16 295	16 291	16 286	16 282
543.0	16 277	16 273	16 268	16 264	16 259	16 255	16 250	16 245	16 241	16 236
544.0	16 232	16 227	16 223	16 218	16 214	16 209	16 205	16 200	16 196	16 191
545.0	16 187	16 182	16 178	16 173	16 169	16 164	16 160	16 155	16 151	16 146
546.0	16 142	16 137	16 133	16 128	16 124	16 119	16 115	16 110	16 106	16 101
547.0	16 097	16 092	16 088	16 083	16 079	16 074	16 070	16 065	16 061	16 056
548.0	16 052	16 047	16 043	16 038	16 034	16 029	16 025	16 020	16 016	16 011
549.0	16 007	16 002	15 998	15 993	15 989	15 984	15 980	15 975	15 971	15 966
550.0	15 962	15 957	15 953	15 949	15 944	15 940	15 935	15 931	15 926	15 922
551.0	15 917	15 913	15 908	15 904	15 899	15 895	15 890	15 886	15 881	15 877
552.0	15 873	15 868	15 864	15 859	15 855	15 850	15 846	15 841	15 837	15 832
553.0	15 828	15 823	15 819	15 815	15 810	15 806	15 801	15 797	15 792	15 788
554.0	15 783	15 779	15 774	15 770	15 766	15 761	15 757	15 752	15 748	15 743
555.0	15 739	15 734	15 730	15 726	15 721	15 717	15 712	15 708	15 703	15 699
556.0	15 694	15 690	15 686	15 681	15 677	15 672	15 668	15 663	15 659	15 654
557.0	15 650	15 646	15 641	15 637	15 632	15 628	15 623	15 619	15 615	15 610
558.0	15 606	15 601	15 597	15 592	15 588	15 584	15 579	15 575	15 570	15 566
559.0	15 562	15 557	15 553	15 548	15 544	15 539	15 535	15 531	15 526	15 522

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
560.0	4 730	4 728	4 727	4 726	4 724	4 723	4 722	4 720	4 719	4 718
561.0	4 716	4 715	4 714	4 712	4 711	4 710	4 708	4 707	4 705	4 704
562.0	4 703	4 701	4 700	4 699	4 697	4 696	4 695	4 693	4 692	4 691
563.0	4 689	4 688	4 687	4 685	4 684	4 683	4 681	4 680	4 679	4 677
564.0	4 676	4 675	4 673	4 672	4 671	4 669	4 668	4 667	4 665	4 664
565.0	4 663	4 661	4 660	4 659	4 657	4 656	4 655	4 653	4 652	4 651
566.0	4 649	4 648	4 647	4 645	4 644	4 643	4 641	4 640	4 639	4 637
567.0	4 636	4 635	4 633	4 632	4 631	4 629	4 628	4 627	4 625	4 624
568.0	4 623	4 621	4 620	4 619	4 617	4 616	4 615	4 613	4 612	4 611
569.0	4 609	4 608	4 607	4 605	4 604	4 603	4 601	4 600	4 599	4 597
570.0	4 596	4 595	4 593	4 592	4 591	4 589	4 588	4 587	4 585	4 584
571.0	4 583	4 582	4 580	4 579	4 578	4 576	4 575	4 574	4 572	4 571
572.0	4 570	4 568	4 567	4 566	4 564	4 563	4 562	4 560	4 559	4 558
573.0	4 556	4 555	4 554	4 552	4 551	4 550	4 548	4 547	4 546	4 545
574.0	4 543	4 542	4 541	4 539	4 538	4 537	4 535	4 534	4 533	4 531
575.0	4 530	4 529	4 527	4 526	4 525	4 523	4 522	4 521	4 519	4 518
576.0	4 517	4 516	4 514	4 513	4 512	4 510	4 509	4 508	4 506	4 505
577.0	4 504	4 502	4 501	4 500	4 498	4 497	4 496	4 495	4 493	4 492
578.0	4 491	4 489	4 488	4 487	4 485	4 484	4 483	4 481	4 480	4 479
579.0	4 477	4 476	4 475	4 474	4 472	4 471	4 470	4 468	4 467	4 466
580.0	4 464	4 463	4 462	4 460	4 459	4 458	4 457	4 455	4 454	4 453
581.0	4 451	4 450	4 449	4 447	4 446	4 445	4 443	4 442	4 441	4 440
582.0	4 438	4 437	4 436	4 434	4 433	4 432	4 430	4 429	4 428	4 427
583.0	4 425	4 424	4 423	4 421	4 420	4 419	4 417	4 416	4 415	4 414
584.0	4 412	4 411	4 410	4 408	4 407	4 406	4 404	4 403	4 402	4 401
585.0	4 399	4 398	4 397	4 395	4 394	4 393	4 391	4 390	4 389	4 388
586.0	4 386	4 385	4 384	4 382	4 381	4 380	4 378	4 377	4 376	4 375
587.0	4 373	4 372	4 371	4 369	4 368	4 367	4 366	4 364	4 363	4 362
588.0	4 360	4 359	4 358	4 356	4 355	4 354	4 353	4 351	4 350	4 349
589.0	4 347	4 346	4 345	4 344	4 342	4 341	4 340	4 338	4 337	4 336
590.0	4 335	4 333	4 332	4 331	4 329	4 328	4 327	4 325	4 324	4 323
591.0	4 322	4 320	4 319	4 318	4 316	4 315	4 314	4 313	4 311	4 310
592.0	4 309	4 307	4 306	4 305	4 304	4 302	4 301	4 300	4 298	4 297
593.0	4 296	4 295	4 293	4 292	4 291	4 289	4 288	4 287	4 286	4 284
594.0	4 283	4 282	4 281	4 279	4 278	4 277	4 275	4 274	4 273	4 272
595.0	4 270	4 269	4 268	4 266	4 265	4 264	4 263	4 261	4 260	4 259
596.0	4 257	4 256	4 255	4 254	4 252	4 251	4 250	4 249	4 247	4 246
597.0	4 245	4 243	4 242	4 241	4 240	4 238	4 237	4 236	4 234	4 233
598.0	4 232	4 231	4 229	4 228	4 227	4 226	4 224	4 223	4 222	4 220
599.0	4 219	4 218	4 217	4 215	4 214	4 213	4 212	4 210	4 209	4 208
600.0	4 206	4 205	4 204	4 203	4 201	4 200	4 199	4 198	4 196	4 195
601.0	4 194	4 192	4 191	4 190	4 189	4 187	4 186	4 185	4 184	4 182
602.0	4 181	4 180	4 178	4 177	4 176	4 175	4 173	4 172	4 171	4 170
603.0	4 168	4 167	4 166	4 165	4 163	4 162	4 161	4 159	4 158	4 157
604.0	4 156	4 154	4 153	4 152	4 151	4 149	4 148	4 147	4 146	4 144
605.0	4 143	4 142	4 140	4 139	4 138	4 137	4 135	4 134	4 133	4 132
606.0	4 130	4 129	4 128	4 127	4 125	4 124	4 123	4 122	4 120	4 119
607.0	4 118	4 117	4 115	4 114	4 113	4 111	4 110	4 109	4 108	4 106
608.0	4 105	4 104	4 103	4 101	4 100	4 099	4 098	4 096	4 095	4 094
609.0	4 093	4 091	4 090	4 089	4 088	4 086	4 085	4 084	4 083	4 081
610.0	4 080	4 079	4 078	4 076	4 075	4 074	4 073	4 071	4 070	4 069
611.0	4 067	4 066	4 065	4 064	4 062	4 061	4 060	4 059	4 057	4 056
612.0	4 055	4 054	4 052	4 051	4 050	4 049	4 047	4 046	4 045	4 044
613.0	4 042	4 041	4 040	4 039	4 037	4 036	4 035	4 034	4 032	4 031
614.0	4 030	4 029	4 027	4 026	4 025	4 024	4 022	4 021	4 020	4 019
615.0	4 017	4 016	4 015	4 014	4 012	4 011	4 010	4 009	4 007	4 006
616.0	4 005	4 004	4 003	4 001	4 000	3 999	3 998	3 996	3 995	3 994
617.0	3 993	3 991	3 990	3 989	3 988	3 986	3 985	3 984	3 983	3 981
618.0	3 980	3 979	3 978	3 976	3 975	3 974	3 973	3 971	3 970	3 969
619.0	3 968	3 966	3 965	3 964	3 963	3 962	3 960	3 959	3 958	3 957

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
560.0	15 517	15 513	15 508	15 504	15 500	15 495	15 491	15 486	15 482	15 478
561.0	15 473	15 469	15 464	15 460	15 456	15 451	15 447	15 442	15 438	15 434
562.0	15 429	15 425	15 420	15 416	15 412	15 407	15 403	15 398	15 394	15 390
563.0	15 385	15 381	15 376	15 372	15 368	15 363	15 359	15 354	15 350	15 346
564.0	15 341	15 337	15 332	15 328	15 324	15 319	15 315	15 311	15 306	15 302
565.0	15 297	15 293	15 289	15 284	15 280	15 275	15 271	15 267	15 262	15 258
566.0	15 254	15 249	15 245	15 240	15 236	15 232	15 227	15 223	15 219	15 214
567.0	15 210	15 206	15 201	15 197	15 192	15 188	15 184	15 179	15 175	15 171
568.0	15 166	15 162	15 157	15 153	15 149	15 144	15 140	15 136	15 131	15 127
569.0	15 123	15 118	15 114	15 110	15 105	15 101	15 096	15 092	15 088	15 083
570.0	15 079	15 075	15 070	15 066	15 062	15 057	15 053	15 049	15 044	15 040
571.0	15 036	15 031	15 027	15 023	15 018	15 014	15 010	15 005	15 001	14 996
572.0	14 992	14 988	14 983	14 979	14 975	14 970	14 966	14 962	14 957	14 953
573.0	14 949	14 944	14 940	14 936	14 931	14 927	14 923	14 918	14 914	14 910
574.0	14 905	14 901	14 897	14 893	14 888	14 884	14 880	14 875	14 871	14 867
575.0	14 862	14 858	14 854	14 849	14 845	14 841	14 836	14 832	14 828	14 823
576.0	14 819	14 815	14 810	14 806	14 802	14 798	14 793	14 789	14 785	14 780
577.0	14 776	14 772	14 767	14 763	14 759	14 754	14 750	14 746	14 742	14 737
578.0	14 733	14 729	14 724	14 720	14 716	14 711	14 707	14 703	14 698	14 694
579.0	14 690	14 686	14 681	14 677	14 673	14 668	14 664	14 660	14 656	14 651
580.0	14 647	14 643	14 638	14 634	14 630	14 626	14 621	14 617	14 613	14 608
581.0	14 604	14 600	14 596	14 591	14 587	14 583	14 578	14 574	14 570	14 566
582.0	14 561	14 557	14 553	14 548	14 544	14 540	14 536	14 531	14 527	14 523
583.0	14 519	14 514	14 510	14 506	14 501	14 497	14 493	14 489	14 484	14 480
584.0	14 476	14 472	14 467	14 463	14 459	14 454	14 450	14 446	14 442	14 437
585.0	14 433	14 429	14 425	14 420	14 416	14 412	14 408	14 403	14 399	14 395
586.0	14 391	14 386	14 382	14 378	14 374	14 369	14 365	14 361	14 357	14 352
587.0	14 348	14 344	14 340	14 335	14 331	14 327	14 323	14 318	14 314	14 310
588.0	14 306	14 301	14 297	14 293	14 289	14 284	14 280	14 276	14 272	14 267
589.0	14 263	14 259	14 255	14 251	14 246	14 242	14 238	14 234	14 229	14 225
590.0	14 221	14 217	14 212	14 208	14 204	14 200	14 195	14 191	14 187	14 183
591.0	14 179	14 174	14 170	14 166	14 162	14 157	14 153	14 149	14 145	14 141
592.0	14 136	14 132	14 128	14 124	14 119	14 115	14 111	14 107	14 103	14 098
593.0	14 094	14 090	14 086	14 082	14 077	14 073	14 069	14 065	14 060	14 056
594.0	14 052	14 048	14 044	14 039	14 035	14 031	14 027	14 023	14 018	14 014
595.0	14 010	14 006	14 002	13 997	13 993	13 989	13 985	13 981	13 976	13 972
596.0	13 968	13 964	13 960	13 955	13 951	13 947	13 943	13 939	13 934	13 930
597.0	13 926	13 922	13 918	13 914	13 909	13 905	13 901	13 897	13 893	13 888
598.0	13 884	13 880	13 876	13 872	13 867	13 863	13 859	13 855	13 851	13 847
599.0	13 842	13 838	13 834	13 830	13 826	13 821	13 817	13 813	13 809	13 805
600.0	13 801	13 796	13 792	13 788	13 784	13 780	13 776	13 771	13 767	13 763
601.0	13 759	13 755	13 751	13 746	13 742	13 738	13 734	13 730	13 726	13 721
602.0	13 717	13 713	13 709	13 705	13 701	13 696	13 692	13 688	13 684	13 680
603.0	13 676	13 671	13 667	13 663	13 659	13 655	13 651	13 647	13 642	13 638
604.0	13 634	13 630	13 626	13 622	13 617	13 613	13 609	13 605	13 601	13 597
605.0	13 593	13 588	13 584	13 580	13 576	13 572	13 568	13 564	13 559	13 555
606.0	13 551	13 547	13 543	13 539	13 535	13 530	13 526	13 522	13 518	13 514
607.0	13 510	13 506	13 501	13 497	13 493	13 489	13 485	13 481	13 477	13 473
608.0	13 468	13 464	13 460	13 456	13 452	13 448	13 444	13 440	13 435	13 431
609.0	13 427	13 423	13 419	13 415	13 411	13 407	13 402	13 398	13 394	13 390
610.0	13 386	13 382	13 378	13 374	13 369	13 365	13 361	13 357	13 353	13 349
611.0	13 345	13 341	13 337	13 332	13 328	13 324	13 320	13 316	13 312	13 308
612.0	13 304	13 300	13 295	13 291	13 287	13 283	13 279	13 275	13 271	13 267
613.0	13 263	13 259	13 254	13 250	13 246	13 242	13 238	13 234	13 230	13 226
614.0	13 222	13 218	13 213	13 209	13 205	13 201	13 197	13 193	13 189	13 185
615.0	13 181	13 177	13 172	13 168	13 164	13 160	13 156	13 152	13 148	13 144
616.0	13 140	13 136	13 132	13 128	13 123	13 119	13 115	13 111	13 107	13 103
617.0	13 099	13 095	13 091	13 087	13 083	13 079	13 074	13 070	13 066	13 062
618.0	13 058	13 054	13 050	13 046	13 042	13 038	13 034	13 030	13 026	13 021
619.0	13 017	13 013	13 009	13 005	13 001	12 997	12 993	12 989	12 985	12 981

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
620.0	3 955	3 954	3 953	3 952	3 950	3 949	3 948	3 947	3 945	3 944
621.0	3 943	3 942	3 940	3 939	3 938	3 937	3 936	3 934	3 933	3 932
622.0	3 931	3 929	3 928	3 927	3 926	3 924	3 923	3 922	3 921	3 919
623.0	3 918	3 917	3 916	3 915	3 913	3 912	3 911	3 910	3 908	3 907
624.0	3 906	3 905	3 903	3 902	3 901	3 900	3 898	3 897	3 896	3 895
625.0	3 894	3 892	3 891	3 890	3 889	3 887	3 886	3 885	3 884	3 882
626.0	3 881	3 880	3 879	3 878	3 876	3 875	3 874	3 873	3 871	3 870
627.0	3 869	3 868	3 867	3 865	3 864	3 863	3 862	3 860	3 859	3 858
628.0	3 857	3 855	3 854	3 853	3 852	3 851	3 849	3 848	3 847	3 846
629.0	3 844	3 843	3 842	3 841	3 840	3 838	3 837	3 836	3 835	3 833
630.0	3 832	3 831	3 830	3 829	3 827	3 826	3 825	3 824	3 822	3 821
631.0	3 820	3 819	3 818	3 816	3 815	3 814	3 813	3 811	3 810	3 809
632.0	3 808	3 807	3 805	3 804	3 803	3 802	3 800	3 799	3 798	3 797
633.0	3 796	3 794	3 793	3 792	3 791	3 789	3 788	3 787	3 786	3 785
634.0	3 783	3 782	3 781	3 780	3 779	3 777	3 776	3 775	3 774	3 772
635.0	3 771	3 770	3 769	3 768	3 766	3 765	3 764	3 763	3 762	3 760
636.0	3 759	3 758	3 757	3 755	3 754	3 753	3 752	3 751	3 749	3 748
637.0	3 747	3 746	3 745	3 743	3 742	3 741	3 740	3 738	3 737	3 736
638.0	3 735	3 734	3 732	3 731	3 730	3 729	3 728	3 726	3 725	3 724
639.0	3 723	3 722	3 720	3 719	3 718	3 717	3 716	3 714	3 713	3 712
640.0	3 711	3 709	3 708	3 707	3 706	3 705	3 703	3 702	3 701	3 700
641.0	3 699	3 697	3 696	3 695	3 694	3 693	3 691	3 690	3 689	3 688
642.0	3 687	3 685	3 684	3 683	3 682	3 681	3 679	3 678	3 677	3 676
643.0	3 675	3 673	3 672	3 671	3 670	3 669	3 667	3 666	3 665	3 664
644.0	3 663	3 661	3 660	3 659	3 658	3 656	3 655	3 654	3 653	3 652
645.0	3 650	3 649	3 648	3 647	3 646	3 644	3 643	3 642	3 641	3 640
646.0	3 639	3 637	3 636	3 635	3 634	3 633	3 631	3 630	3 629	3 628
647.0	3 627	3 625	3 624	3 623	3 622	3 621	3 619	3 618	3 617	3 616
648.0	3 615	3 613	3 612	3 611	3 610	3 609	3 607	3 606	3 605	3 604
649.0	3 603	3 601	3 600	3 599	3 598	3 597	3 595	3 594	3 593	3 592
650.0	3 591	3 589	3 588	3 587	3 586	3 585	3 584	3 582	3 581	3 580
651.0	3 579	3 578	3 576	3 575	3 574	3 573	3 572	3 570	3 569	3 568
652.0	3 567	3 566	3 564	3 563	3 562	3 561	3 560	3 559	3 557	3 556
653.0	3 555	3 554	3 553	3 551	3 550	3 549	3 548	3 547	3 545	3 544
654.0	3 543	3 542	3 541	3 540	3 538	3 537	3 536	3 535	3 534	3 532
655.0	3 531	3 530	3 529	3 528	3 527	3 525	3 524	3 523	3 522	3 521
656.0	3 519	3 518	3 517	3 516	3 515	3 513	3 512	3 511	3 510	3 509
657.0	3 508	3 506	3 505	3 504	3 503	3 502	3 500	3 499	3 498	3 497
658.0	3 496	3 495	3 493	3 492	3 491	3 490	3 489	3 487	3 486	3 485
659.0	3 484	3 483	3 482	3 480	3 479	3 478	3 477	3 476	3 475	3 473
660.0	3 472	3 471	3 470	3 469	3 467	3 466	3 465	3 464	3 463	3 462
661.0	3 460	3 459	3 458	3 457	3 456	3 455	3 453	3 452	3 451	3 450
662.0	3 449	3 447	3 446	3 445	3 444	3 443	3 442	3 440	3 439	3 438
663.0	3 437	3 436	3 435	3 433	3 432	3 431	3 430	3 429	3 428	3 426
664.0	3 425	3 424	3 423	3 422	3 420	3 419	3 418	3 417	3 416	3 415
665.0	3 413	3 412	3 411	3 410	3 409	3 408	3 406	3 405	3 404	3 403
666.0	3 402	3 401	3 399	3 398	3 397	3 396	3 395	3 394	3 392	3 391
667.0	3 390	3 389	3 388	3 387	3 385	3 384	3 383	3 382	3 381	3 380
668.0	3 378	3 377	3 376	3 375	3 374	3 373	3 371	3 370	3 369	3 368
669.0	3 367	3 366	3 364	3 363	3 362	3 361	3 360	3 359	3 357	3 356
670.0	3 355	3 354	3 353	3 352	3 350	3 349	3 348	3 347	3 346	3 345
671.0	3 343	3 342	3 341	3 340	3 339	3 338	3 336	3 335	3 334	3 333
672.0	3 332	3 331	3 330	3 328	3 327	3 326	3 325	3 324	3 323	3 321
673.0	3 320	3 319	3 318	3 317	3 316	3 314	3 313	3 312	3 311	3 310
674.0	3 309	3 308	3 306	3 305	3 304	3 303	3 302	3 301	3 299	3 298
675.0	3 297	3 296	3 295	3 294	3 292	3 291	3 290	3 289	3 288	3 287
676.0	3 286	3 284	3 283	3 282	3 281	3 280	3 279	3 277	3 276	3 275
677.0	3 274	3 273	3 272	3 271	3 269	3 268	3 267	3 266	3 265	3 264
678.0	3 262	3 261	3 260	3 259	3 258	3 257	3 256	3 254	3 253	3 252
679.0	3 251	3 250	3 249	3 247	3 246	3 245	3 244	3 243	3 242	3 241

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
620.0	12 977	12 973	12 969	12 965	12 960	12 956	12 952	12 948	12 944	12 940
621.0	12 936	12 932	12 928	12 924	12 920	12 916	12 912	12 908	12 904	12 900
622.0	12 896	12 891	12 887	12 883	12 879	12 875	12 871	12 867	12 863	12 859
623.0	12 855	12 851	12 847	12 843	12 839	12 835	12 831	12 827	12 823	12 819
624.0	12 815	12 811	12 806	12 802	12 798	12 794	12 790	12 786	12 782	12 778
625.0	12 774	12 770	12 766	12 762	12 758	12 754	12 750	12 746	12 742	12 738
626.0	12 734	12 730	12 726	12 722	12 718	12 714	12 710	12 706	12 702	12 698
627.0	12 693	12 689	12 685	12 681	12 677	12 673	12 669	12 665	12 661	12 657
628.0	12 653	12 649	12 645	12 641	12 637	12 633	12 629	12 625	12 621	12 617
629.0	12 613	12 609	12 605	12 601	12 597	12 593	12 589	12 585	12 581	12 577
630.0	12 573	12 569	12 565	12 561	12 557	12 553	12 549	12 545	12 541	12 537
631.0	12 533	12 529	12 525	12 521	12 517	12 513	12 509	12 505	12 501	12 497
632.0	12 493	12 489	12 485	12 481	12 477	12 473	12 469	12 465	12 461	12 457
633.0	12 453	12 449	12 445	12 441	12 437	12 433	12 429	12 425	12 421	12 417
634.0	12 413	12 409	12 405	12 401	12 397	12 393	12 389	12 385	12 381	12 377
635.0	12 373	12 369	12 365	12 361	12 357	12 353	12 349	12 345	12 341	12 337
636.0	12 333	12 329	12 325	12 321	12 317	12 313	12 309	12 305	12 301	12 297
637.0	12 293	12 289	12 285	12 281	12 277	12 273	12 269	12 265	12 261	12 257
638.0	12 253	12 250	12 246	12 242	12 238	12 234	12 230	12 226	12 222	12 218
639.0	12 214	12 210	12 206	12 202	12 198	12 194	12 190	12 186	12 182	12 178
640.0	12 174	12 170	12 166	12 162	12 158	12 154	12 150	12 146	12 142	12 139
641.0	12 135	12 131	12 127	12 123	12 119	12 115	12 111	12 107	12 103	12 099
642.0	12 095	12 091	12 087	12 083	12 079	12 075	12 071	12 067	12 063	12 059
643.0	12 056	12 052	12 048	12 044	12 040	12 036	12 032	12 028	12 024	12 020
644.0	12 016	12 012	12 008	12 004	12 000	11 996	11 992	11 988	11 985	11 981
645.0	11 977	11 973	11 969	11 965	11 961	11 957	11 953	11 949	11 945	11 941
646.0	11 937	11 933	11 929	11 926	11 922	11 918	11 914	11 910	11 906	11 902
647.0	11 898	11 894	11 890	11 886	11 882	11 878	11 874	11 871	11 867	11 863
648.0	11 859	11 855	11 851	11 847	11 843	11 839	11 835	11 831	11 827	11 824
649.0	11 820	11 816	11 812	11 808	11 804	11 800	11 796	11 792	11 788	11 784
650.0	11 780	11 777	11 773	11 769	11 765	11 761	11 757	11 753	11 749	11 745
651.0	11 741	11 737	11 734	11 730	11 726	11 722	11 718	11 714	11 710	11 706
652.0	11 702	11 698	11 694	11 691	11 687	11 683	11 679	11 675	11 671	11 667
653.0	11 663	11 659	11 655	11 652	11 648	11 644	11 640	11 636	11 632	11 628
654.0	11 624	11 620	11 617	11 613	11 609	11 605	11 601	11 597	11 593	11 589
655.0	11 585	11 582	11 578	11 574	11 570	11 566	11 562	11 558	11 554	11 550
656.0	11 547	11 543	11 539	11 535	11 531	11 527	11 523	11 519	11 516	11 512
657.0	11 508	11 504	11 500	11 496	11 492	11 488	11 485	11 481	11 477	11 473
658.0	11 469	11 465	11 461	11 457	11 454	11 450	11 446	11 442	11 438	11 434
659.0	11 430	11 426	11 423	11 419	11 415	11 411	11 407	11 403	11 399	11 395
660.0	11 392	11 388	11 384	11 380	11 376	11 372	11 368	11 365	11 361	11 357
661.0	11 353	11 349	11 345	11 341	11 338	11 334	11 330	11 326	11 322	11 318
662.0	11 314	11 311	11 307	11 303	11 299	11 295	11 291	11 287	11 284	11 280
663.0	11 276	11 272	11 268	11 264	11 261	11 257	11 253	11 249	11 245	11 241
664.0	11 237	11 234	11 230	11 226	11 222	11 218	11 214	11 211	11 207	11 203
665.0	11 199	11 195	11 191	11 187	11 184	11 180	11 176	11 172	11 168	11 164
666.0	11 161	11 157	11 153	11 149	11 145	11 141	11 138	11 134	11 130	11 126
667.0	11 122	11 118	11 115	11 111	11 107	11 103	11 099	11 095	11 092	11 088
668.0	11 084	11 080	11 076	11 072	11 069	11 065	11 061	11 057	11 053	11 050
669.0	11 046	11 042	11 038	11 034	11 030	11 027	11 023	11 019	11 015	11 011
670.0	11 008	11 004	11 000	10 996	10 992	10 988	10 985	10 981	10 977	10 973
671.0	10 969	10 966	10 962	10 958	10 954	10 950	10 947	10 943	10 939	10 935
672.0	10 931	10 927	10 924	10 920	10 916	10 912	10 908	10 905	10 901	10 897
673.0	10 893	10 889	10 886	10 882	10 878	10 874	10 870	10 867	10 863	10 859
674.0	10 855	10 851	10 848	10 844	10 840	10 836	10 832	10 829	10 825	10 821
675.0	10 817	10 813	10 810	10 806	10 802	10 798	10 794	10 791	10 787	10 783
676.0	10 779	10 776	10 772	10 768	10 764	10 760	10 757	10 753	10 749	10 745
677.0	10 741	10 738	10 734	10 730	10 726	10 722	10 719	10 715	10 711	10 707
678.0	10 704	10 700	10 696	10 692	10 688	10 685	10 681	10 677	10 673	10 670
679.0	10 666	10 662	10 658	10 654	10 651	10 647	10 643	10 639	10 636	10 632

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
680.0	3 239	3 238	3 237	3 236	3 235	3 234	3 233	3 231	3 230	3 229
681.0	3 228	3 227	3 226	3 224	3 223	3 222	3 221	3 220	3 219	3 218
682.0	3 216	3 215	3 214	3 213	3 212	3 211	3 210	3 208	3 207	3 206
683.0	3 205	3 204	3 203	3 202	3 200	3 199	3 198	3 197	3 196	3 195
684.0	3 194	3 192	3 191	3 190	3 189	3 188	3 187	3 186	3 184	3 183
685.0	3 182	3 181	3 180	3 179	3 178	3 176	3 175	3 174	3 173	3 172
686.0	3 171	3 170	3 168	3 167	3 166	3 165	3 164	3 163	3 162	3 160
687.0	3 159	3 158	3 157	3 156	3 155	3 154	3 152	3 151	3 150	3 149
688.0	3 148	3 147	3 146	3 144	3 143	3 142	3 141	3 140	3 139	3 138
689.0	3 137	3 135	3 134	3 133	3 132	3 131	3 130	3 129	3 127	3 126
690.0	3 125	3 124	3 123	3 122	3 121	3 119	3 118	3 117	3 116	3 115
691.0	3 114	3 113	3 112	3 110	3 109	3 108	3 107	3 106	3 105	3 104
692.0	3 102	3 101	3 100	3 099	3 098	3 097	3 096	3 095	3 093	3 092
693.0	3 091	3 090	3 089	3 088	3 087	3 085	3 084	3 083	3 082	3 081
694.0	3 080	3 079	3 078	3 076	3 075	3 074	3 073	3 072	3 071	3 070
695.0	3 068	3 067	3 066	3 065	3 064	3 063	3 062	3 061	3 059	3 058
696.0	3 057	3 056	3 055	3 054	3 053	3 052	3 050	3 049	3 048	3 047
697.0	3 046	3 045	3 044	3 043	3 041	3 040	3 039	3 038	3 037	3 036
698.0	3 035	3 034	3 032	3 031	3 030	3 029	3 028	3 027	3 026	3 025
699.0	3 023	3 022	3 021	3 020	3 019	3 018	3 017	3 016	3 014	3 013
700.0	3 012	3 011	3 010	3 009	3 008	3 007	3 005	3 004	3 003	3 002
701.0	3 001	3 000	2 999	2 998	2 996	2 995	2 994	2 993	2 992	2 991
702.0	2 990	2 989	2 988	2 986	2 985	2 984	2 983	2 982	2 981	2 980
703.0	2 979	2 977	2 976	2 975	2 974	2 973	2 972	2 971	2 970	2 968
704.0	2 967	2 966	2 965	2 964	2 963	2 962	2 961	2 960	2 958	2 957
705.0	2 956	2 955	2 954	2 953	2 952	2 951	2 949	2 948	2 947	2 946
706.0	2 945	2 944	2 943	2 942	2 941	2 939	2 938	2 937	2 936	2 935
707.0	2 934	2 933	2 932	2 931	2 929	2 928	2 927	2 926	2 925	2 924
708.0	2 923	2 922	2 921	2 919	2 918	2 917	2 916	2 915	2 914	2 913
709.0	2 912	2 911	2 909	2 908	2 907	2 906	2 905	2 904	2 903	2 902
710.0	2 901	2 899	2 898	2 897	2 896	2 895	2 894	2 893	2 892	2 891
711.0	2 889	2 888	2 887	2 886	2 885	2 884	2 883	2 882	2 881	2 879
712.0	2 878	2 877	2 876	2 875	2 874	2 873	2 872	2 871	2 869	2 868
713.0	2 867	2 866	2 865	2 864	2 863	2 862	2 861	2 860	2 858	2 857
714.0	2 856	2 855	2 854	2 853	2 852	2 851	2 850	2 848	2 847	2 846
715.0	2 845	2 844	2 843	2 842	2 841	2 840	2 839	2 837	2 836	2 835
716.0	2 834	2 833	2 832	2 831	2 830	2 829	2 828	2 826	2 825	2 824
717.0	2 823	2 822	2 821	2 820	2 819	2 818	2 817	2 815	2 814	2 813
718.0	2 812	2 811	2 810	2 809	2 808	2 807	2 805	2 804	2 803	2 802
719.0	2 801	2 800	2 799	2 798	2 797	2 796	2 795	2 793	2 792	2 791
720.0	2 790	2 789	2 788	2 787	2 786	2 785	2 784	2 782	2 781	2 780
721.0	2 779	2 778	2 777	2 776	2 775	2 774	2 773	2 771	2 770	2 769
722.0	2 768	2 767	2 766	2 765	2 764	2 763	2 762	2 761	2 759	2 758
723.0	2 757	2 756	2 755	2 754	2 753	2 752	2 751	2 750	2 748	2 747
724.0	2 746	2 745	2 744	2 743	2 742	2 741	2 740	2 739	2 738	2 736
725.0	2 735	2 734	2 733	2 732	2 731	2 730	2 729	2 728	2 727	2 726
726.0	2 724	2 723	2 722	2 721	2 720	2 719	2 718	2 717	2 716	2 715
727.0	2 714	2 712	2 711	2 710	2 709	2 708	2 707	2 706	2 705	2 704
728.0	2 703	2 702	2 701	2 699	2 698	2 697	2 696	2 695	2 694	2 693
729.0	2 692	2 691	2 690	2 689	2 687	2 686	2 685	2 684	2 683	2 682
730.0	2 681	2 680	2 679	2 678	2 677	2 676	2 674	2 673	2 672	2 671
731.0	2 670	2 669	2 668	2 667	2 666	2 665	2 664	2 663	2 661	2 660
732.0	2 659	2 658	2 657	2 656	2 655	2 654	2 653	2 652	2 651	2 650
733.0	2 648	2 647	2 646	2 645	2 644	2 643	2 642	2 641	2 640	2 639
734.0	2 638	2 637	2 635	2 634	2 633	2 632	2 631	2 630	2 629	2 628
735.0	2 627	2 626	2 625	2 624	2 623	2 621	2 620	2 619	2 618	2 617
736.0	2 616	2 615	2 614	2 613	2 612	2 611	2 610	2 608	2 607	2 606
737.0	2 605	2 604	2 603	2 602	2 601	2 600	2 599	2 598	2 597	2 596
738.0	2 594	2 593	2 592	2 591	2 590	2 589	2 588	2 587	2 586	2 585
739.0	2 584	2 583	2 582	2 581	2 579	2 578	2 577	2 576	2 575	2 574

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
680.0	10 628	10 624	10 621	10 617	10 613	10 609	10 605	10 602	10 598	10 594
681.0	10 590	10 587	10 583	10 579	10 575	10 572	10 568	10 564	10 560	10 556
682.0	10 553	10 549	10 545	10 541	10 538	10 534	10 530	10 526	10 523	10 519
683.0	10 515	10 511	10 508	10 504	10 500	10 496	10 493	10 489	10 485	10 481
684.0	10 478	10 474	10 470	10 466	10 463	10 459	10 455	10 451	10 448	10 444
685.0	10 440	10 436	10 433	10 429	10 425	10 421	10 418	10 414	10 410	10 406
686.0	10 403	10 399	10 395	10 391	10 388	10 384	10 380	10 376	10 373	10 369
687.0	10 365	10 361	10 358	10 354	10 350	10 346	10 343	10 339	10 335	10 331
688.0	10 328	10 324	10 320	10 317	10 313	10 309	10 305	10 302	10 298	10 294
689.0	10 290	10 287	10 283	10 279	10 275	10 272	10 268	10 264	10 261	10 257
690.0	10 253	10 249	10 246	10 242	10 238	10 234	10 231	10 227	10 223	10 220
691.0	10 216	10 212	10 208	10 205	10 201	10 197	10 193	10 190	10 186	10 182
692.0	10 179	10 175	10 171	10 167	10 164	10 160	10 156	10 153	10 149	10 145
693.0	10 141	10 138	10 134	10 130	10 127	10 123	10 119	10 115	10 112	10 108
694.0	10 104	10 101	10 097	10 093	10 089	10 086	10 082	10 078	10 075	10 071
695.0	10 067	10 064	10 060	10 056	10 052	10 049	10 045	10 041	10 038	10 034
696.0	10 030	10 026	10 023	10 019	10 015	10 012	10 008	10 004	10 001	9 997
697.0	9 993	9 990	9 986	9 982	9 978	9 975	9 971	9 967	9 964	9 960
698.0	9 956	9 953	9 949	9 945	9 941	9 938	9 934	9 930	9 927	9 923
699.0	9 919	9 916	9 912	9 908	9 905	9 901	9 897	9 894	9 890	9 886
700.0	9 882	9 879	9 875	9 871	9 868	9 864	9 860	9 857	9 853	9 849
701.0	9 846	9 842	9 838	9 835	9 831	9 827	9 824	9 820	9 816	9 813
702.0	9 809	9 805	9 802	9 798	9 794	9 790	9 787	9 783	9 779	9 776
703.0	9 772	9 768	9 765	9 761	9 757	9 754	9 750	9 746	9 743	9 739
704.0	9 735	9 732	9 728	9 724	9 721	9 717	9 713	9 710	9 706	9 702
705.0	9 699	9 695	9 691	9 688	9 684	9 680	9 677	9 673	9 669	9 666
706.0	9 662	9 659	9 655	9 651	9 648	9 644	9 640	9 637	9 633	9 629
707.0	9 626	9 622	9 618	9 615	9 611	9 607	9 604	9 600	9 596	9 593
708.0	9 589	9 585	9 582	9 578	9 574	9 571	9 567	9 564	9 560	9 556
709.0	9 553	9 549	9 545	9 542	9 538	9 534	9 531	9 527	9 523	9 520
710.0	9 516	9 512	9 509	9 505	9 502	9 498	9 494	9 491	9 487	9 483
711.0	9 480	9 476	9 472	9 469	9 465	9 462	9 458	9 454	9 451	9 447
712.0	9 443	9 440	9 436	9 432	9 429	9 425	9 422	9 418	9 414	9 411
713.0	9 407	9 403	9 400	9 396	9 393	9 389	9 385	9 382	9 378	9 374
714.0	9 371	9 367	9 364	9 360	9 356	9 353	9 349	9 345	9 342	9 338
715.0	9 335	9 331	9 327	9 324	9 320	9 316	9 313	9 309	9 306	9 302
716.0	9 298	9 295	9 291	9 287	9 284	9 280	9 277	9 273	9 269	9 266
717.0	9 262	9 259	9 255	9 251	9 248	9 244	9 240	9 237	9 233	9 230
718.0	9 226	9 222	9 219	9 215	9 212	9 208	9 204	9 201	9 197	9 194
719.0	9 190	9 186	9 183	9 179	9 176	9 172	9 168	9 165	9 161	9 158
720.0	9 154	9 150	9 147	9 143	9 140	9 136	9 132	9 129	9 125	9 122
721.0	9 118	9 114	9 111	9 107	9 104	9 100	9 096	9 093	9 089	9 086
722.0	9 082	9 078	9 075	9 071	9 068	9 064	9 060	9 057	9 053	9 050
723.0	9 046	9 042	9 039	9 035	9 032	9 028	9 025	9 021	9 017	9 014
724.0	9 010	9 007	9 003	8 999	8 996	8 992	8 989	8 985	8 982	8 978
725.0	8 974	8 971	8 967	8 964	8 960	8 956	8 953	8 949	8 946	8 942
726.0	8 939	8 935	8 931	8 928	8 924	8 921	8 917	8 914	8 910	8 906
727.0	8 903	8 899	8 896	8 892	8 889	8 885	8 881	8 878	8 874	8 871
728.0	8 867	8 864	8 860	8 856	8 853	8 849	8 846	8 842	8 839	8 835
729.0	8 831	8 828	8 824	8 821	8 817	8 814	8 810	8 806	8 803	8 799
730.0	8 796	8 792	8 789	8 785	8 782	8 778	8 774	8 771	8 767	8 764
731.0	8 760	8 757	8 753	8 750	8 746	8 742	8 739	8 735	8 732	8 728
732.0	8 725	8 721	8 718	8 714	8 710	8 707	8 703	8 700	8 696	8 693
733.0	8 689	8 686	8 682	8 678	8 675	8 671	8 668	8 664	8 661	8 657
734.0	8 654	8 650	8 647	8 643	8 639	8 636	8 632	8 629	8 625	8 622
735.0	8 618	8 615	8 611	8 608	8 604	8 601	8 597	8 593	8 590	8 586
736.0	8 583	8 579	8 576	8 572	8 569	8 565	8 562	8 558	8 555	8 551
737.0	8 547	8 544	8 540	8 537	8 533	8 530	8 526	8 523	8 519	8 516
738.0	8 512	8 509	8 505	8 502	8 498	8 494	8 491	8 487	8 484	8 480
739.0	8 477	8 473	8 470	8 466	8 463	8 459	8 456	8 452	8 449	8 445

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
740.0	2 573	2 572	2 571	2 570	2 569	2 568	2 567	2 565	2 564	2 563
741.0	2 562	2 561	2 560	2 559	2 558	2 557	2 556	2 555	2 554	2 553
742.0	2 552	2 550	2 549	2 548	2 547	2 546	2 545	2 544	2 543	2 542
743.0	2 541	2 540	2 539	2 538	2 537	2 535	2 534	2 533	2 532	2 531
744.0	2 530	2 529	2 528	2 527	2 526	2 525	2 524	2 523	2 522	2 521
745.0	2 519	2 518	2 517	2 516	2 515	2 514	2 513	2 512	2 511	2 510
746.0	2 509	2 508	2 507	2 506	2 505	2 503	2 502	2 501	2 500	2 499
747.0	2 498	2 497	2 496	2 495	2 494	2 493	2 492	2 491	2 490	2 489
748.0	2 487	2 486	2 485	2 484	2 483	2 482	2 481	2 480	2 479	2 478
749.0	2 477	2 476	2 475	2 474	2 473	2 472	2 470	2 469	2 468	2 467
750.0	2 466	2 465	2 464	2 463	2 462	2 461	2 460	2 459	2 458	2 457
751.0	2 456	2 455	2 453	2 452	2 451	2 450	2 449	2 448	2 447	2 446
752.0	2 445	2 444	2 443	2 442	2 441	2 440	2 439	2 438	2 437	2 435
753.0	2 434	2 433	2 432	2 431	2 430	2 429	2 428	2 427	2 426	2 425
754.0	2 424	2 423	2 422	2 421	2 420	2 419	2 417	2 416	2 415	2 414
755.0	2 413	2 412	2 411	2 410	2 409	2 408	2 407	2 406	2 405	2 404
756.0	2 403	2 402	2 401	2 400	2 398	2 397	2 396	2 395	2 394	2 393
757.0	2 392	2 391	2 390	2 389	2 388	2 387	2 386	2 385	2 384	2 383
758.0	2 382	2 381	2 380	2 378	2 377	2 376	2 375	2 374	2 373	2 372
759.0	2 371	2 370	2 369	2 368	2 367	2 366	2 365	2 364	2 363	2 362
760.0	2 361	2 360	2 358	2 357	2 356	2 355	2 354	2 353	2 352	2 351
761.0	2 350	2 349	2 348	2 347	2 346	2 345	2 344	2 343	2 342	2 341
762.0	2 340	2 339	2 337	2 336	2 335	2 334	2 333	2 332	2 331	2 330
763.0	2 329	2 328	2 327	2 326	2 325	2 324	2 323	2 322	2 321	2 320
764.0	2 319	2 318	2 317	2 316	2 314	2 313	2 312	2 311	2 310	2 309
765.0	2 308	2 307	2 306	2 305	2 304	2 303	2 302	2 301	2 300	2 299
766.0	2 298	2 297	2 296	2 295	2 294	2 293	2 291	2 290	2 289	2 288
767.0	2 287	2 286	2 285	2 284	2 283	2 282	2 281	2 280	2 279	2 278
768.0	2 277	2 276	2 275	2 274	2 273	2 272	2 271	2 270	2 269	2 268
769.0	2 266	2 265	2 264	2 263	2 262	2 261	2 260	2 259	2 258	2 257
770.0	2 256	2 255	2 254	2 253	2 252	2 251	2 250	2 249	2 248	2 247
771.0	2 246	2 245	2 244	2 243	2 242	2 240	2 239	2 238	2 237	2 236
772.0	2 235	2 234	2 233	2 232	2 231	2 230	2 229	2 228	2 227	2 226
773.0	2 225	2 224	2 223	2 222	2 221	2 220	2 219	2 218	2 217	2 216
774.0	2 215	2 214	2 213	2 211	2 210	2 209	2 208	2 207	2 206	2 205
775.0	2 204	2 203	2 202	2 201	2 200	2 199	2 198	2 197	2 196	2 195
776.0	2 194	2 193	2 192	2 191	2 190	2 189	2 188	2 187	2 186	2 185
777.0	2 184	2 183	2 181	2 180	2 179	2 178	2 177	2 176	2 175	2 174
778.0	2 173	2 172	2 171	2 170	2 169	2 168	2 167	2 166	2 165	2 164
779.0	2 163	2 162	2 161	2 160	2 159	2 158	2 157	2 156	2 155	2 154
780.0	2 153	2 152	2 151	2 150	2 149	2 148	2 146	2 145	2 144	2 143
781.0	2 142	2 141	2 140	2 139	2 138	2 137	2 136	2 135	2 134	2 133
782.0	2 132	2 131	2 130	2 129	2 128	2 127	2 126	2 125	2 124	2 123
783.0	2 122	2 121	2 120	2 119	2 118	2 117	2 116	2 115	2 114	2 113
784.0	2 112	2 111	2 110	2 109	2 107	2 106	2 105	2 104	2 103	2 102
785.0	2 101	2 100	2 099	2 098	2 097	2 096	2 095	2 094	2 093	2 092
786.0	2 091	2 090	2 089	2 088	2 087	2 086	2 085	2 084	2 083	2 082
787.0	2 081	2 080	2 079	2 078	2 077	2 076	2 075	2 074	2 073	2 072
788.0	2 071	2 070	2 069	2 068	2 067	2 066	2 065	2 064	2 063	2 062
789.0	2 060	2 059	2 058	2 057	2 056	2 055	2 054	2 053	2 052	2 051
790.0	2 050	2 049	2 048	2 047	2 046	2 045	2 044	2 043	2 042	2 041
791.0	2 040	2 039	2 038	2 037	2 036	2 035	2 034	2 033	2 032	2 031
792.0	2 030	2 029	2 028	2 027	2 026	2 025	2 024	2 023	2 022	2 021
793.0	2 020	2 019	2 018	2 017	2 016	2 015	2 014	2 013	2 012	2 011
794.0	2 010	2 009	2 008	2 007	2 006	2 005	2 004	2 003	2 002	2 001
795.0	2 000	1 998	1 997	1 996	1 995	1 994	1 993	1 992	1 991	1 990
796.0	1 989	1 988	1 987	1 986	1 985	1 984	1 983	1 982	1 981	1 980
797.0	1 979	1 978	1 977	1 976	1 975	1 974	1 973	1 972	1 971	1 970
798.0	1 969	1 968	1 967	1 966	1 965	1 964	1 963	1 962	1 961	1 960
799.0	1 959	1 958	1 957	1 956	1 955	1 954	1 953	1 952	1 951	1 950

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
740.0	8 442	8 438	8 435	8 431	8 428	8 424	8 420	8 417	8 413	8 410
741.0	8 406	8 403	8 399	8 396	8 392	8 389	8 385	8 382	8 378	8 375
742.0	8 371	8 368	8 364	8 361	8 357	8 354	8 350	8 347	8 343	8 340
743.0	8 336	8 333	8 329	8 326	8 322	8 319	8 315	8 312	8 308	8 305
744.0	8 301	8 298	8 294	8 290	8 287	8 283	8 280	8 276	8 273	8 269
745.0	8 266	8 262	8 259	8 255	8 252	8 248	8 245	8 241	8 238	8 234
746.0	8 231	8 227	8 224	8 220	8 217	8 213	8 210	8 206	8 203	8 199
747.0	8 196	8 192	8 189	8 185	8 182	8 178	8 175	8 172	8 168	8 165
748.0	8 161	8 158	8 154	8 151	8 147	8 144	8 140	8 137	8 133	8 130
749.0	8 126	8 123	8 119	8 116	8 112	8 109	8 105	8 102	8 098	8 095
750.0	8 091	8 088	8 084	8 081	8 077	8 074	8 070	8 067	8 063	8 060
751.0	8 056	8 053	8 049	8 046	8 043	8 039	8 036	8 032	8 029	8 025
752.0	8 022	8 018	8 015	8 011	8 008	8 004	8 001	7 997	7 994	7 990
753.0	7 987	7 983	7 980	7 976	7 973	7 970	7 966	7 963	7 959	7 956
754.0	7 952	7 949	7 945	7 942	7 938	7 935	7 931	7 928	7 924	7 921
755.0	7 918	7 914	7 911	7 907	7 904	7 900	7 897	7 893	7 890	7 886
756.0	7 883	7 879	7 876	7 873	7 869	7 866	7 862	7 859	7 855	7 852
757.0	7 848	7 845	7 841	7 838	7 834	7 831	7 828	7 824	7 821	7 817
758.0	7 814	7 810	7 807	7 803	7 800	7 796	7 793	7 790	7 786	7 783
759.0	7 779	7 776	7 772	7 769	7 765	7 762	7 758	7 755	7 752	7 748
760.0	7 745	7 741	7 738	7 734	7 731	7 727	7 724	7 721	7 717	7 714
761.0	7 710	7 707	7 703	7 700	7 696	7 693	7 690	7 686	7 683	7 679
762.0	7 676	7 672	7 669	7 666	7 662	7 659	7 655	7 652	7 648	7 645
763.0	7 641	7 638	7 635	7 631	7 628	7 624	7 621	7 617	7 614	7 611
764.0	7 607	7 604	7 600	7 597	7 593	7 590	7 587	7 583	7 580	7 576
765.0	7 573	7 569	7 566	7 563	7 559	7 556	7 552	7 549	7 545	7 542
766.0	7 539	7 535	7 532	7 528	7 525	7 521	7 518	7 515	7 511	7 508
767.0	7 504	7 501	7 497	7 494	7 491	7 487	7 484	7 480	7 477	7 474
768.0	7 470	7 467	7 463	7 460	7 456	7 453	7 450	7 446	7 443	7 439
769.0	7 436	7 433	7 429	7 426	7 422	7 419	7 415	7 412	7 409	7 405
770.0	7 402	7 398	7 395	7 392	7 388	7 385	7 381	7 378	7 375	7 371
771.0	7 368	7 364	7 361	7 357	7 354	7 351	7 347	7 344	7 340	7 337
772.0	7 334	7 330	7 327	7 323	7 320	7 317	7 313	7 310	7 306	7 303
773.0	7 300	7 296	7 293	7 289	7 286	7 283	7 279	7 276	7 272	7 269
774.0	7 266	7 262	7 259	7 255	7 252	7 249	7 245	7 242	7 238	7 235
775.0	7 232	7 228	7 225	7 222	7 218	7 215	7 211	7 208	7 205	7 201
776.0	7 198	7 194	7 191	7 188	7 184	7 181	7 177	7 174	7 171	7 167
777.0	7 164	7 161	7 157	7 154	7 150	7 147	7 144	7 140	7 137	7 133
778.0	7 130	7 127	7 123	7 120	7 117	7 113	7 110	7 106	7 103	7 100
779.0	7 096	7 093	7 090	7 086	7 083	7 079	7 076	7 073	7 069	7 066
780.0	7 062	7 059	7 056	7 052	7 049	7 046	7 042	7 039	7 035	7 032
781.0	7 029	7 025	7 022	7 019	7 015	7 012	7 009	7 005	7 002	6 998
782.0	6 995	6 992	6 988	6 985	6 982	6 978	6 975	6 971	6 968	6 965
783.0	6 961	6 958	6 955	6 951	6 948	6 945	6 941	6 938	6 934	6 931
784.0	6 928	6 924	6 921	6 918	6 914	6 911	6 908	6 904	6 901	6 898
785.0	6 894	6 891	6 887	6 884	6 881	6 877	6 874	6 871	6 867	6 864
786.0	6 861	6 857	6 854	6 851	6 847	6 844	6 840	6 837	6 834	6 830
787.0	6 827	6 824	6 820	6 817	6 814	6 810	6 807	6 804	6 800	6 797
788.0	6 794	6 790	6 787	6 784	6 780	6 777	6 773	6 770	6 767	6 763
789.0	6 760	6 757	6 753	6 750	6 747	6 743	6 740	6 737	6 733	6 730
790.0	6 727	6 723	6 720	6 717	6 713	6 710	6 707	6 703	6 700	6 697
791.0	6 693	6 690	6 687	6 683	6 680	6 677	6 673	6 670	6 667	6 663
792.0	6 660	6 657	6 653	6 650	6 647	6 643	6 640	6 637	6 633	6 630
793.0	6 627	6 623	6 620	6 617	6 613	6 610	6 607	6 603	6 600	6 597
794.0	6 593	6 590	6 587	6 583	6 580	6 577	6 573	6 570	6 567	6 563
795.0	6 560	6 557	6 553	6 550	6 547	6 543	6 540	6 537	6 533	6 530
796.0	6 527	6 524	6 520	6 517	6 514	6 510	6 507	6 504	6 500	6 497
797.0	6 494	6 490	6 487	6 484	6 480	6 477	6 474	6 470	6 467	6 464
798.0	6 461	6 457	6 454	6 451	6 447	6 444	6 441	6 437	6 434	6 431
799.0	6 427	6 424	6 421	6 417	6 414	6 411	6 408	6 404	6 401	6 398

GEOPOTENTIAL ALTITUDE (METRES)

	Hectopascal fractions									
p (hPa)	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
800.0	1 949	1 948	1 947	1 946	1 945	1 944	1 943	1 942	1 941	1 940
801.0	1 939	1 938	1 937	1 936	1 935	1 934	1 933	1 932	1 931	1 930
802.0	1 929	1 928	1 927	1 926	1 925	1 924	1 923	1 922	1 921	1 920
803.0	1 919	1 918	1 917	1 916	1 915	1 914	1 913	1 912	1 911	1 910
804.0	1 909	1 908	1 907	1 906	1 905	1 904	1 903	1 902	1 901	1 900
805.0	1 899	1 898	1 897	1 896	1 895	1 894	1 893	1 892	1 891	1 890
806.0	1 889	1 888	1 887	1 886	1 885	1 884	1 883	1 882	1 881	1 880
807.0	1 879	1 878	1 877	1 876	1 875	1 874	1 873	1 872	1 871	1 870
808.0	1 869	1 868	1 867	1 866	1 865	1 864	1 863	1 862	1 861	1 860
809.0	1 859	1 858	1 857	1 856	1 855	1 854	1 853	1 852	1 851	1 850
810.0	1 849	1 848	1 847	1 846	1 845	1 844	1 843	1 842	1 841	1 840
811.0	1 839	1 838	1 837	1 836	1 835	1 834	1 833	1 832	1 831	1 830
812.0	1 829	1 828	1 827	1 826	1 825	1 824	1 823	1 822	1 821	1 820
813.0	1 819	1 818	1 817	1 816	1 815	1 814	1 813	1 812	1 811	1 810
814.0	1 809	1 808	1 807	1 806	1 805	1 804	1 803	1 802	1 801	1 800
815.0	1 799	1 798	1 797	1 796	1 795	1 794	1 793	1 792	1 791	1 790
816.0	1 789	1 788	1 787	1 786	1 785	1 784	1 783	1 782	1 781	1 780
817.0	1 779	1 778	1 777	1 776	1 775	1 774	1 773	1 772	1 771	1 770
818.0	1 769	1 768	1 767	1 766	1 765	1 764	1 763	1 762	1 761	1 760
819.0	1 759	1 758	1 757	1 756	1 755	1 754	1 753	1 752	1 751	1 750
820.0	1 749	1 748	1 747	1 746	1 745	1 744	1 743	1 742	1 742	1 741
821.0	1 740	1 739	1 738	1 737	1 736	1 735	1 734	1 733	1 732	1 731
822.0	1 730	1 729	1 728	1 727	1 726	1 725	1 724	1 723	1 722	1 721
823.0	1 720	1 719	1 718	1 717	1 716	1 715	1 714	1 713	1 712	1 711
824.0	1 710	1 709	1 708	1 707	1 706	1 705	1 704	1 703	1 702	1 701
825.0	1 700	1 699	1 698	1 697	1 696	1 695	1 694	1 693	1 692	1 691
826.0	1 690	1 689	1 688	1 687	1 686	1 685	1 684	1 683	1 682	1 681
827.0	1 680	1 679	1 679	1 678	1 677	1 676	1 675	1 674	1 673	1 672
828.0	1 671	1 670	1 669	1 668	1 667	1 666	1 665	1 664	1 663	1 662
829.0	1 661	1 660	1 659	1 658	1 657	1 656	1 655	1 654	1 653	1 652
830.0	1 651	1 650	1 649	1 648	1 647	1 646	1 645	1 644	1 643	1 642
831.0	1 641	1 640	1 639	1 638	1 637	1 636	1 635	1 634	1 633	1 633
832.0	1 632	1 631	1 630	1 629	1 628	1 627	1 626	1 625	1 624	1 623
833.0	1 622	1 621	1 620	1 619	1 618	1 617	1 616	1 615	1 614	1 613
834.0	1 612	1 611	1 610	1 609	1 608	1 607	1 606	1 605	1 604	1 603
835.0	1 602	1 601	1 600	1 599	1 598	1 597	1 596	1 595	1 595	1 594
836.0	1 593	1 592	1 591	1 590	1 589	1 588	1 587	1 586	1 585	1 584
837.0	1 583	1 582	1 581	1 580	1 579	1 578	1 577	1 576	1 575	1 574
838.0	1 573	1 572	1 571	1 570	1 569	1 568	1 567	1 566	1 565	1 564
839.0	1 563	1 562	1 561	1 561	1 560	1 559	1 558	1 557	1 556	1 555
840.0	1 554	1 553	1 552	1 551	1 550	1 549	1 548	1 547	1 546	1 545
841.0	1 544	1 543	1 542	1 541	1 540	1 539	1 538	1 537	1 536	1 535
842.0	1 534	1 533	1 532	1 531	1 530	1 530	1 529	1 528	1 527	1 526
843.0	1 525	1 524	1 523	1 522	1 521	1 520	1 519	1 518	1 517	1 516
844.0	1 515	1 514	1 513	1 512	1 511	1 510	1 509	1 508	1 507	1 506
845.0	1 505	1 504	1 503	1 503	1 502	1 501	1 500	1 499	1 498	1 497
846.0	1 496	1 495	1 494	1 493	1 492	1 491	1 490	1 489	1 488	1 487
847.0	1 486	1 485	1 484	1 483	1 482	1 481	1 480	1 479	1 478	1 477
848.0	1 477	1 476	1 475	1 474	1 473	1 472	1 471	1 470	1 469	1 468
849.0	1 467	1 466	1 465	1 464	1 463	1 462	1 461	1 460	1 459	1 458
850.0	1 457	1 456	1 455	1 454	1 453	1 452	1 452	1 451	1 450	1 449
851.0	1 448	1 447	1 446	1 445	1 444	1 443	1 442	1 441	1 440	1 439
852.0	1 438	1 437	1 436	1 435	1 434	1 433	1 432	1 431	1 430	1 430
853.0	1 429	1 428	1 427	1 426	1 425	1 424	1 423	1 422	1 421	1 420
854.0	1 419	1 418	1 417	1 416	1 415	1 414	1 413	1 412	1 411	1 410
855.0	1 409	1 408	1 408	1 407	1 406	1 405	1 404	1 403	1 402	1 401
856.0	1 400	1 399	1 398	1 397	1 396	1 395	1 394	1 393	1 392	1 391
857.0	1 390	1 389	1 388	1 387	1 387	1 386	1 385	1 384	1 383	1 382
858.0	1 381	1 380	1 379	1 378	1 377	1 376	1 375	1 374	1 373	1 372
859.0	1 371	1 370	1 369	1 368	1 367	1 367	1 366	1 365	1 364	1 363

GEOPOTENTIAL ALTITUDE (FEET)

	Hectopascal fractions									
p (hPa)	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
800.0	6 394	6 391	6 388	6 384	6 381	6 378	6 374	6 371	6 368	6 365
801.0	6 361	6 358	6 355	6 351	6 348	6 345	6 341	6 338	6 335	6 332
802.0	6 328	6 325	6 322	6 318	6 315	6 312	6 308	6 305	6 302	6 299
803.0	6 295	6 292	6 289	6 285	6 282	6 279	6 275	6 272	6 269	6 266
804.0	6 262	6 259	6 256	6 252	6 249	6 246	6 243	6 239	6 236	6 233
805.0	6 229	6 226	6 223	6 220	6 216	6 213	6 210	6 206	6 203	6 200
806.0	6 196	6 193	6 190	6 187	6 183	6 180	6 177	6 173	6 170	6 167
807.0	6 164	6 160	6 157	6 154	6 151	6 147	6 144	6 141	6 137	6 134
808.0	6 131	6 128	6 124	6 121	6 118	6 114	6 111	6 108	6 105	6 101
809.0	6 098	6 095	6 091	6 088	6 085	6 082	6 078	6 075	6 072	6 069
810.0	6 065	6 062	6 059	6 055	6 052	6 049	6 046	6 042	6 039	6 036
811.0	6 033	6 029	6 026	6 023	6 019	6 016	6 013	6 010	6 006	6 003
812.0	6 000	5 997	5 993	5 990	5 987	5 984	5 980	5 977	5 974	5 970
813.0	5 967	5 964	5 961	5 957	5 954	5 951	5 948	5 944	5 941	5 938
814.0	5 935	5 931	5 928	5 925	5 922	5 918	5 915	5 912	5 908	5 905
815.0	5 902	5 899	5 895	5 892	5 889	5 886	5 882	5 879	5 876	5 873
816.0	5 869	5 866	5 863	5 860	5 856	5 853	5 850	5 847	5 843	5 840
817.0	5 837	5 834	5 830	5 827	5 824	5 821	5 817	5 814	5 811	5 808
818.0	5 804	5 801	5 798	5 795	5 791	5 788	5 785	5 782	5 778	5 775
819.0	5 772	5 769	5 765	5 762	5 759	5 756	5 752	5 749	5 746	5 743
820.0	5 740	5 736	5 733	5 730	5 727	5 723	5 720	5 717	5 714	5 710
821.0	5 707	5 704	5 701	5 697	5 694	5 691	5 688	5 684	5 681	5 678
822.0	5 675	5 672	5 668	5 665	5 662	5 659	5 655	5 652	5 649	5 646
823.0	5 642	5 639	5 636	5 633	5 629	5 626	5 623	5 620	5 617	5 613
824.0	5 610	5 607	5 604	5 600	5 597	5 594	5 591	5 588	5 584	5 581
825.0	5 578	5 575	5 571	5 568	5 565	5 562	5 558	5 555	5 552	5 549
826.0	5 546	5 542	5 539	5 536	5 533	5 529	5 526	5 523	5 520	5 517
827.0	5 513	5 510	5 507	5 504	5 501	5 497	5 494	5 491	5 488	5 484
828.0	5 481	5 478	5 475	5 472	5 468	5 465	5 462	5 459	5 455	5 452
829.0	5 449	5 446	5 443	5 439	5 436	5 433	5 430	5 427	5 423	5 420
830.0	5 417	5 414	5 411	5 407	5 404	5 401	5 398	5 394	5 391	5 388
831.0	5 385	5 382	5 378	5 375	5 372	5 369	5 366	5 362	5 359	5 356
832.0	5 353	5 350	5 346	5 343	5 340	5 337	5 334	5 330	5 327	5 324
833.0	5 321	5 318	5 314	5 311	5 308	5 305	5 302	5 298	5 295	5 292
834.0	5 289	5 286	5 282	5 279	5 276	5 273	5 270	5 266	5 263	5 260
835.0	5 257	5 254	5 250	5 247	5 244	5 241	5 238	5 234	5 231	5 228
836.0	5 225	5 222	5 219	5 215	5 212	5 209	5 206	5 203	5 199	5 196
837.0	5 193	5 190	5 187	5 183	5 180	5 177	5 174	5 171	5 168	5 164
838.0	5 161	5 158	5 155	5 152	5 148	5 145	5 142	5 139	5 136	5 133
839.0	5 129	5 126	5 123	5 120	5 117	5 113	5 110	5 107	5 104	5 101
840.0	5 098	5 094	5 091	5 088	5 085	5 082	5 078	5 075	5 072	5 069
841.0	5 066	5 063	5 059	5 056	5 053	5 050	5 047	5 044	5 040	5 037
842.0	5 034	5 031	5 028	5 024	5 021	5 018	5 015	5 012	5 009	5 005
843.0	5 002	4 999	4 996	4 993	4 990	4 986	4 983	4 980	4 977	4 974
844.0	4 971	4 967	4 964	4 961	4 958	4 955	4 952	4 948	4 945	4 942
845.0	4 939	4 936	4 933	4 929	4 926	4 923	4 920	4 917	4 914	4 910
846.0	4 907	4 904	4 901	4 898	4 895	4 892	4 888	4 885	4 882	4 879
847.0	4 876	4 873	4 869	4 866	4 863	4 860	4 857	4 854	4 850	4 847
848.0	4 844	4 841	4 838	4 835	4 832	4 828	4 825	4 822	4 819	4 816
849.0	4 813	4 810	4 806	4 803	4 800	4 797	4 794	4 791	4 787	4 784
850.0	4 781	4 778	4 775	4 772	4 769	4 765	4 762	4 759	4 756	4 753
851.0	4 750	4 747	4 743	4 740	4 737	4 734	4 731	4 728	4 725	4 721
852.0	4 718	4 715	4 712	4 709	4 706	4 703	4 699	4 696	4 693	4 690
853.0	4 687	4 684	4 681	4 677	4 674	4 671	4 668	4 665	4 662	4 659
854.0	4 655	4 652	4 649	4 646	4 643	4 640	4 637	4 634	4 630	4 627
855.0	4 624	4 621	4 618	4 615	4 612	4 608	4 605	4 602	4 599	4 596
856.0	4 593	4 590	4 587	4 583	4 580	4 577	4 574	4 571	4 568	4 565
857.0	4 561	4 558	4 555	4 552	4 549	4 546	4 543	4 540	4 536	4 533
858.0	4 530	4 527	4 524	4 521	4 518	4 515	4 511	4 508	4 505	4 502
859.0	4 499	4 496	4 493	4 490	4 487	4 483	4 480	4 477	4 474	4 471

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
860.0	1 362	1 361	1 360	1 359	1 358	1 357	1 356	1 355	1 354	1 353
861.0	1 352	1 351	1 350	1 349	1 348	1 348	1 347	1 346	1 345	1 344
862.0	1 343	1 342	1 341	1 340	1 339	1 338	1 337	1 336	1 335	1 334
863.0	1 333	1 332	1 331	1 330	1 330	1 329	1 328	1 327	1 326	1 325
864.0	1 324	1 323	1 322	1 321	1 320	1 319	1 318	1 317	1 316	1 315
865.0	1 314	1 313	1 312	1 312	1 311	1 310	1 309	1 308	1 307	1 306
866.0	1 305	1 304	1 303	1 302	1 301	1 300	1 299	1 298	1 297	1 296
867.0	1 295	1 295	1 294	1 293	1 292	1 291	1 290	1 289	1 288	1 287
868.0	1 286	1 285	1 284	1 283	1 282	1 281	1 280	1 279	1 278	1 278
869.0	1 277	1 276	1 275	1 274	1 273	1 272	1 271	1 270	1 269	1 268
870.0	1 267	1 266	1 265	1 264	1 263	1 262	1 262	1 261	1 260	1 259
871.0	1 258	1 257	1 256	1 255	1 254	1 253	1 252	1 251	1 250	1 249
872.0	1 248	1 247	1 246	1 246	1 245	1 244	1 243	1 242	1 241	1 240
873.0	1 239	1 238	1 237	1 236	1 235	1 234	1 233	1 232	1 231	1 231
874.0	1 230	1 229	1 228	1 227	1 226	1 225	1 224	1 223	1 222	1 221
875.0	1 220	1 219	1 218	1 217	1 216	1 215	1 215	1 214	1 213	1 212
876.0	1 211	1 210	1 209	1 208	1 207	1 206	1 205	1 204	1 203	1 202
877.0	1 201	1 201	1 200	1 199	1 198	1 197	1 196	1 195	1 194	1 193
878.0	1 192	1 191	1 190	1 189	1 188	1 187	1 186	1 186	1 185	1 184
879.0	1 183	1 182	1 181	1 180	1 179	1 178	1 177	1 176	1 175	1 174
880.0	1 173	1 172	1 172	1 171	1 170	1 169	1 168	1 167	1 166	1 165
881.0	1 164	1 163	1 162	1 161	1 160	1 159	1 159	1 158	1 157	1 156
882.0	1 155	1 154	1 153	1 152	1 151	1 150	1 149	1 148	1 147	1 146
883.0	1 145	1 145	1 144	1 143	1 142	1 141	1 140	1 139	1 138	1 137
884.0	1 136	1 135	1 134	1 133	1 132	1 132	1 131	1 130	1 129	1 128
885.0	1 127	1 126	1 125	1 124	1 123	1 122	1 121	1 120	1 119	1 119
886.0	1 118	1 117	1 116	1 115	1 114	1 113	1 112	1 111	1 110	1 109
887.0	1 108	1 107	1 106	1 106	1 105	1 104	1 103	1 102	1 101	1 100
888.0	1 099	1 098	1 097	1 096	1 095	1 094	1 093	1 093	1 092	1 091
889.0	1 090	1 089	1 088	1 087	1 086	1 085	1 084	1 083	1 082	1 081
890.0	1 081	1 080	1 079	1 078	1 077	1 076	1 075	1 074	1 073	1 072
891.0	1 071	1 070	1 069	1 069	1 068	1 067	1 066	1 065	1 064	1 063
892.0	1 062	1 061	1 060	1 059	1 058	1 057	1 057	1 056	1 055	1 054
893.0	1 053	1 052	1 051	1 050	1 049	1 048	1 047	1 046	1 045	1 045
894.0	1 044	1 043	1 042	1 041	1 040	1 039	1 038	1 037	1 036	1 035
895.0	1 034	1 033	1 033	1 032	1 031	1 030	1 029	1 028	1 027	1 026
896.0	1 025	1 024	1 023	1 022	1 022	1 021	1 020	1 019	1 018	1 017
897.0	1 016	1 015	1 014	1 013	1 012	1 011	1 011	1 010	1 009	1 008
898.0	1 007	1 006	1 005	1 004	1 003	1 002	1 001	1 000	999	999
899.0	998	997	996	995	994	993	992	991	990	989
900.0	988	988	987	986	985	984	983	982	981	980
901.0	979	978	978	977	976	975	974	973	972	971
902.0	970	969	968	967	967	966	965	964	963	962
903.0	961	960	959	958	957	956	956	955	954	953
904.0	952	951	950	949	948	947	946	946	945	944
905.0	943	942	941	940	939	938	937	936	935	935
906.0	934	933	932	931	930	929	928	927	926	925
907.0	925	924	923	922	921	920	919	918	917	916
908.0	915	915	914	913	912	911	910	909	908	907
909.0	906	905	905	904	903	902	901	900	899	898
910.0	897	896	895	895	894	893	892	891	890	889
911.0	888	887	886	885	885	884	883	882	881	880
912.0	879	878	877	876	876	875	874	873	872	871
913.0	870	869	868	867	866	866	865	864	863	862
914.0	861	860	859	858	857	856	856	855	854	853
915.0	852	851	850	849	848	847	847	846	845	844
916.0	843	842	841	840	839	838	838	837	836	835
917.0	834	833	832	831	830	829	828	828	827	826
918.0	825	824	823	822	821	820	819	819	818	817
919.0	816	815	814	813	812	811	810	810	809	808

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
860.0	4 468	4 465	4 462	4 458	4 455	4 452	4 449	4 446	4 443	4 440
861.0	4 437	4 433	4 430	4 427	4 424	4 421	4 418	4 415	4 412	4 409
862.0	4 405	4 402	4 399	4 396	4 393	4 390	4 387	4 384	4 381	4 377
863.0	4 374	4 371	4 368	4 365	4 362	4 359	4 356	4 353	4 349	4 346
864.0	4 343	4 340	4 337	4 334	4 331	4 328	4 325	4 322	4 318	4 315
865.0	4 312	4 309	4 306	4 303	4 300	4 297	4 294	4 290	4 287	4 284
866.0	4 281	4 278	4 275	4 272	4 269	4 266	4 263	4 259	4 256	4 253
867.0	4 250	4 247	4 244	4 241	4 238	4 235	4 232	4 229	4 225	4 222
868.0	4 219	4 216	4 213	4 210	4 207	4 204	4 201	4 198	4 194	4 191
869.0	4 188	4 185	4 182	4 179	4 176	4 173	4 170	4 167	4 164	4 160
870.0	4 157	4 154	4 151	4 148	4 145	4 142	4 139	4 136	4 133	4 130
871.0	4 126	4 123	4 120	4 117	4 114	4 111	4 108	4 105	4 102	4 099
872.0	4 096	4 093	4 089	4 086	4 083	4 080	4 077	4 074	4 071	4 068
873.0	4 065	4 062	4 059	4 056	4 052	4 049	4 046	4 043	4 040	4 037
874.0	4 034	4 031	4 028	4 025	4 022	4 019	4 016	4 012	4 009	4 006
875.0	4 003	4 000	3 997	3 994	3 991	3 988	3 985	3 982	3 979	3 976
876.0	3 972	3 969	3 966	3 963	3 960	3 957	3 954	3 951	3 948	3 945
877.0	3 942	3 939	3 936	3 933	3 930	3 926	3 923	3 920	3 917	3 914
878.0	3 911	3 908	3 905	3 902	3 899	3 896	3 893	3 890	3 887	3 884
879.0	3 880	3 877	3 874	3 871	3 868	3 865	3 862	3 859	3 856	3 853
880.0	3 850	3 847	3 844	3 841	3 838	3 835	3 831	3 828	3 825	3 822
881.0	3 819	3 816	3 813	3 810	3 807	3 804	3 801	3 798	3 795	3 792
882.0	3 789	3 786	3 783	3 779	3 776	3 773	3 770	3 767	3 764	3 761
883.0	3 758	3 755	3 752	3 749	3 746	3 743	3 740	3 737	3 734	3 731
884.0	3 728	3 725	3 721	3 718	3 715	3 712	3 709	3 706	3 703	3 700
885.0	3 697	3 694	3 691	3 688	3 685	3 682	3 679	3 676	3 673	3 670
886.0	3 667	3 664	3 661	3 658	3 654	3 651	3 648	3 645	3 642	3 639
887.0	3 636	3 633	3 630	3 627	3 624	3 621	3 618	3 615	3 612	3 609
888.0	3 606	3 603	3 600	3 597	3 594	3 591	3 588	3 585	3 581	3 578
889.0	3 575	3 572	3 569	3 566	3 563	3 560	3 557	3 554	3 551	3 548
890.0	3 545	3 542	3 539	3 536	3 533	3 530	3 527	3 524	3 521	3 518
891.0	3 515	3 512	3 509	3 506	3 503	3 500	3 497	3 494	3 491	3 487
892.0	3 484	3 481	3 478	3 475	3 472	3 469	3 466	3 463	3 460	3 457
893.0	3 454	3 451	3 448	3 445	3 442	3 439	3 436	3 433	3 430	3 427
894.0	3 424	3 421	3 418	3 415	3 412	3 409	3 406	3 403	3 400	3 397
895.0	3 394	3 391	3 388	3 385	3 382	3 379	3 376	3 373	3 370	3 367
896.0	3 364	3 361	3 358	3 355	3 351	3 348	3 345	3 342	3 339	3 336
897.0	3 333	3 330	3 327	3 324	3 321	3 318	3 315	3 312	3 309	3 306
898.0	3 303	3 300	3 297	3 294	3 291	3 288	3 285	3 282	3 279	3 276
899.0	3 273	3 270	3 267	3 264	3 261	3 258	3 255	3 252	3 249	3 246
900.0	3 243	3 240	3 237	3 234	3 231	3 228	3 225	3 222	3 219	3 216
901.0	3 213	3 210	3 207	3 204	3 201	3 198	3 195	3 192	3 189	3 186
902.0	3 183	3 180	3 177	3 174	3 171	3 168	3 165	3 162	3 159	3 156
903.0	3 153	3 150	3 147	3 144	3 141	3 138	3 135	3 132	3 129	3 126
904.0	3 123	3 120	3 117	3 114	3 111	3 108	3 105	3 102	3 099	3 096
905.0	3 093	3 090	3 087	3 084	3 081	3 078	3 075	3 072	3 069	3 066
906.0	3 063	3 060	3 057	3 054	3 051	3 048	3 045	3 042	3 039	3 036
907.0	3 033	3 030	3 027	3 024	3 021	3 018	3 015	3 012	3 009	3 006
908.0	3 003	3 000	2 998	2 995	2 992	2 989	2 986	2 983	2 980	2 977
909.0	2 974	2 971	2 968	2 965	2 962	2 959	2 956	2 953	2 950	2 947
910.0	2 944	2 941	2 938	2 935	2 932	2 929	2 926	2 923	2 920	2 917
911.0	2 914	2 911	2 908	2 905	2 902	2 899	2 896	2 893	2 890	2 887
912.0	2 884	2 881	2 878	2 875	2 872	2 869	2 866	2 863	2 861	2 858
913.0	2 855	2 852	2 849	2 846	2 843	2 840	2 837	2 834	2 831	2 828
914.0	2 825	2 822	2 819	2 816	2 813	2 810	2 807	2 804	2 801	2 798
915.0	2 795	2 792	2 789	2 786	2 783	2 780	2 777	2 774	2 771	2 769
916.0	2 766	2 763	2 760	2 757	2 754	2 751	2 748	2 745	2 742	2 739
917.0	2 736	2 733	2 730	2 727	2 724	2 721	2 718	2 715	2 712	2 709
918.0	2 706	2 703	2 700	2 697	2 694	2 692	2 689	2 686	2 683	2 680
919.0	2 677	2 674	2 671	2 668	2 665	2 662	2 659	2 656	2 653	2 650

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
920.0	807	806	805	804	803	802	801	801	800	799
921.0	798	797	796	795	794	793	792	792	791	790
922.0	789	788	787	786	785	784	783	783	782	781
923.0	780	779	778	777	776	775	775	774	773	772
924.0	771	770	769	768	767	766	766	765	764	763
925.0	762	761	760	759	758	757	757	756	755	754
926.0	753	752	751	750	749	749	748	747	746	745
927.0	744	743	742	741	740	740	739	738	737	736
928.0	735	734	733	732	732	731	730	729	728	727
929.0	726	725	724	724	723	722	721	720	719	718
930.0	717	716	715	715	714	713	712	711	710	709
931.0	708	707	707	706	705	704	703	702	701	700
932.0	699	699	698	697	696	695	694	693	692	691
933.0	691	690	689	688	687	686	685	684	683	683
934.0	682	681	680	679	678	677	676	675	675	674
935.0	673	672	671	670	669	668	667	667	666	665
936.0	664	663	662	661	660	659	659	658	657	656
937.0	655	654	653	652	651	651	650	649	648	647
938.0	646	645	644	643	643	642	641	640	639	638
939.0	637	636	635	635	634	633	632	631	630	629
940.0	628	628	627	626	625	624	623	622	621	620
941.0	620	619	618	617	616	615	614	613	613	612
942.0	611	610	609	608	607	606	605	605	604	603
943.0	602	601	600	599	598	597	597	596	595	594
944.0	593	592	591	590	590	589	588	587	586	585
945.0	584	583	583	582	581	580	579	578	577	576
946.0	575	575	574	573	572	571	570	569	568	568
947.0	567	566	565	564	563	562	561	561	560	559
948.0	558	557	556	555	554	553	553	552	551	550
949.0	549	548	547	546	546	545	544	543	542	541
950.0	540	539	539	538	537	536	535	534	533	532
951.0	532	531	530	529	528	527	526	525	525	524
952.0	523	522	521	520	519	518	518	517	516	515
953.0	514	513	512	511	511	510	509	508	507	506
954.0	505	504	504	503	502	501	500	499	498	497
955.0	497	496	495	494	493	492	491	490	490	489
956.0	488	487	486	485	484	483	483	482	481	480
957.0	479	478	477	477	476	475	474	473	472	471
958.0	470	470	469	468	467	466	465	464	463	463
959.0	462	461	460	459	458	457	456	456	455	454
960.0	453	452	451	450	450	449	448	447	446	445
961.0	444	443	443	442	441	440	439	438	437	436
962.0	436	435	434	433	432	431	430	430	429	428
963.0	427	426	425	424	423	423	422	421	420	419
964.0	418	417	417	416	415	414	413	412	411	410
965.0	410	409	408	407	406	405	404	404	403	402
966.0	401	400	399	398	397	397	396	395	394	393
967.0	392	391	391	390	389	388	387	386	385	385
968.0	384	383	382	381	380	379	378	378	377	376
969.0	375	374	373	372	372	371	370	369	368	367
970.0	366	366	365	364	363	362	361	360	360	359
971.0	358	357	356	355	354	353	353	352	351	350
972.0	349	348	347	347	346	345	344	343	342	341
973.0	341	340	339	338	337	336	335	335	334	333
974.0	332	331	330	329	329	328	327	326	325	324
975.0	323	323	322	321	320	319	318	317	317	316
976.0	315	314	313	312	311	311	310	309	308	307
977.0	306	305	305	304	303	302	301	300	299	299
978.0	298	297	296	295	294	293	293	292	291	290
979.0	289	288	287	287	286	285	284	283	282	281

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
920.0	2 647	2 644	2 641	2 638	2 635	2 632	2 629	2 627	2 624	2 621
921.0	2 618	2 615	2 612	2 609	2 606	2 603	2 600	2 597	2 594	2 591
922.0	2 588	2 585	2 582	2 579	2 576	2 573	2 571	2 568	2 565	2 562
923.0	2 559	2 556	2 553	2 550	2 547	2 544	2 541	2 538	2 535	2 532
924.0	2 529	2 526	2 523	2 520	2 518	2 515	2 512	2 509	2 506	2 503
925.0	2 500	2 497	2 494	2 491	2 488	2 485	2 482	2 479	2 476	2 473
926.0	2 470	2 468	2 465	2 462	2 459	2 456	2 453	2 450	2 447	2 444
927.0	2 441	2 438	2 435	2 432	2 429	2 426	2 424	2 421	2 418	2 415
928.0	2 412	2 409	2 406	2 403	2 400	2 397	2 394	2 391	2 388	2 385
929.0	2 382	2 380	2 377	2 374	2 371	2 368	2 365	2 362	2 359	2 356
930.0	2 353	2 350	2 347	2 344	2 341	2 339	2 336	2 333	2 330	2 327
931.0	2 324	2 321	2 318	2 315	2 312	2 309	2 306	2 303	2 301	2 298
932.0	2 295	2 292	2 289	2 286	2 283	2 280	2 277	2 274	2 271	2 268
933.0	2 265	2 263	2 260	2 257	2 254	2 251	2 248	2 245	2 242	2 239
934.0	2 236	2 233	2 230	2 228	2 225	2 222	2 219	2 216	2 213	2 210
935.0	2 207	2 204	2 201	2 198	2 195	2 193	2 190	2 187	2 184	2 181
936.0	2 178	2 175	2 172	2 169	2 166	2 163	2 161	2 158	2 155	2 152
937.0	2 149	2 146	2 143	2 140	2 137	2 134	2 131	2 129	2 126	2 123
938.0	2 120	2 117	2 114	2 111	2 108	2 105	2 102	2 099	2 097	2 094
939.0	2 091	2 088	2 085	2 082	2 079	2 076	2 073	2 070	2 068	2 065
940.0	2 062	2 059	2 056	2 053	2 050	2 047	2 044	2 041	2 039	2 036
941.0	2 033	2 030	2 027	2 024	2 021	2 018	2 015	2 012	2 010	2 007
942.0	2 004	2 001	1 998	1 995	1 992	1 989	1 986	1 983	1 981	1 978
943.0	1 975	1 972	1 969	1 966	1 963	1 960	1 957	1 955	1 952	1 949
944.0	1 946	1 943	1 940	1 937	1 934	1 931	1 928	1 926	1 923	1 920
945.0	1 917	1 914	1 911	1 908	1 905	1 902	1 900	1 897	1 894	1 891
946.0	1 888	1 885	1 882	1 879	1 876	1 874	1 871	1 868	1 865	1 862
947.0	1 859	1 856	1 853	1 851	1 848	1 845	1 842	1 839	1 836	1 833
948.0	1 830	1 827	1 825	1 822	1 819	1 816	1 813	1 810	1 807	1 804
949.0	1 802	1 799	1 796	1 793	1 790	1 787	1 784	1 781	1 779	1 776
950.0	1 773	1 770	1 767	1 764	1 761	1 758	1 755	1 753	1 750	1 747
951.0	1 744	1 741	1 738	1 735	1 732	1 730	1 727	1 724	1 721	1 718
952.0	1 715	1 712	1 710	1 707	1 704	1 701	1 698	1 695	1 692	1 689
953.0	1 687	1 684	1 681	1 678	1 675	1 672	1 669	1 666	1 664	1 661
954.0	1 658	1 655	1 652	1 649	1 646	1 644	1 641	1 638	1 635	1 632
955.0	1 629	1 626	1 623	1 621	1 618	1 615	1 612	1 609	1 606	1 603
956.0	1 601	1 598	1 595	1 592	1 589	1 586	1 583	1 581	1 578	1 575
957.0	1 572	1 569	1 566	1 563	1 560	1 558	1 555	1 552	1 549	1 546
958.0	1 543	1 540	1 538	1 535	1 532	1 529	1 526	1 523	1 520	1 518
959.0	1 515	1 512	1 509	1 506	1 503	1 500	1 498	1 495	1 492	1 489
960.0	1 486	1 483	1 481	1 478	1 475	1 472	1 469	1 466	1 463	1 461
961.0	1 458	1 455	1 452	1 449	1 446	1 443	1 441	1 438	1 435	1 432
962.0	1 429	1 426	1 424	1 421	1 418	1 415	1 412	1 409	1 406	1 404
963.0	1 401	1 398	1 395	1 392	1 389	1 387	1 384	1 381	1 378	1 375
964.0	1 372	1 369	1 367	1 364	1 361	1 358	1 355	1 352	1 350	1 347
965.0	1 344	1 341	1 338	1 335	1 333	1 330	1 327	1 324	1 321	1 318
966.0	1 315	1 313	1 310	1 307	1 304	1 301	1 298	1 296	1 293	1 290
967.0	1 287	1 284	1 281	1 279	1 276	1 273	1 270	1 267	1 264	1 262
968.0	1 259	1 256	1 253	1 250	1 247	1 245	1 242	1 239	1 236	1 233
969.0	1 230	1 228	1 225	1 222	1 219	1 216	1 213	1 211	1 208	1 205
970.0	1 202	1 199	1 196	1 194	1 191	1 188	1 185	1 182	1 179	1 177
971.0	1 174	1 171	1 168	1 165	1 163	1 160	1 157	1 154	1 151	1 148
972.0	1 146	1 143	1 140	1 137	1 134	1 131	1 129	1 126	1 123	1 120
973.0	1 117	1 115	1 112	1 109	1 106	1 103	1 100	1 098	1 095	1 092
974.0	1 089	1 086	1 084	1 081	1 078	1 075	1 072	1 069	1 067	1 064
975.0	1 061	1 058	1 055	1 053	1 050	1 047	1 044	1 041	1 038	1 036
976.0	1 033	1 030	1 027	1 024	1 022	1 019	1 016	1 013	1 010	1 007
977.0	1 005	1 002	999	996	993	991	988	985	982	979
978.0	977	974	971	968	965	962	960	957	954	951
979.0	948	946	943	940	937	934	932	929	926	923

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
980.0	281	280	279	278	277	276	275	275	274	273
981.0	272	271	270	269	269	268	267	266	265	264
982.0	263	263	262	261	260	259	258	257	257	256
983.0	255	254	253	252	251	251	250	249	248	247
984.0	246	246	245	244	243	242	241	240	240	239
985.0	238	237	236	235	234	234	233	232	231	230
986.0	229	228	228	227	226	225	224	223	223	222
987.0	221	220	219	218	217	217	216	215	214	213
988.0	212	211	211	210	209	208	207	206	206	205
989.0	204	203	202	201	200	200	199	198	197	196
990.0	195	195	194	193	192	191	190	189	189	188
991.0	187	186	185	184	183	183	182	181	180	179
992.0	178	178	177	176	175	174	173	172	172	171
993.0	170	169	168	167	167	166	165	164	163	162
994.0	161	161	160	159	158	157	156	156	155	154
995.0	153	152	151	151	150	149	148	147	146	145
996.0	145	144	143	142	141	140	140	139	138	137
997.0	136	135	134	134	133	132	131	130	129	129
998.0	128	127	126	125	124	124	123	122	121	120
999.0	119	118	118	117	116	115	114	113	113	112
1 000.0	111	110	109	108	108	107	106	105	104	103
1 001.0	102	102	101	100	99	98	97	97	96	95
1 002.0	94	93	92	92	91	90	89	88	87	87
1 003.0	86	85	84	83	82	81	81	80	79	78
1 004.0	77	76	76	75	74	73	72	71	71	70
1 005.0	69	68	67	66	66	65	64	63	62	61
1 006.0	61	60	59	58	57	56	56	55	54	53
1 007.0	52	51	50	50	49	48	47	46	45	45
1 008.0	44	43	42	41	40	40	39	38	37	36
1 009.0	35	35	34	33	32	31	30	30	29	28
1 010.0	27	26	25	25	24	23	22	21	20	20
1 011.0	19	18	17	16	15	15	14	13	12	11
1 012.0	10	10	9	8	7	6	5	5	4	3
1 013.0	2	1	0	–0	–1	–2	–3	–4	–5	–5
1 014.0	–6	–7	–8	–9	–10	–10	–11	–12	–13	–14
1 015.0	–15	–15	–16	–17	–18	–19	–20	–20	–21	–22
1 016.0	–23	–24	–25	–25	–26	–27	–28	–29	–30	–30
1 017.0	–31	–32	–33	–34	–34	–35	–36	–37	–38	–39
1 018.0	–39	–40	–41	–42	–43	–44	–44	–45	–46	–47
1 019.0	–48	–49	–49	–50	–51	–52	–53	–54	–54	–55
1 020.0	–56	–57	–58	–59	–59	–60	–61	–62	–63	–63
1 021.0	–64	–65	–66	–67	–68	–68	–69	–70	–71	–72
1 022.0	–73	–73	–74	–75	–76	–77	–78	–78	–79	–80
1 023.0	–81	–82	–83	–83	–84	–85	–86	–87	–87	–88
1 024.0	–89	–90	–91	–92	–92	–93	–94	–95	–96	–97
1 025.0	–97	–98	–99	–100	–101	–101	–102	–103	–104	–105
1 026.0	–106	–106	–107	–108	–109	–110	–111	–111	–112	–113
1 027.0	–114	–115	–115	–116	–117	–118	–119	–120	–120	–121
1 028.0	–122	–123	–124	–125	–125	–126	–127	–128	–129	–129
1 029.0	–130	–131	–132	–133	–134	–134	–135	–136	–137	–138
1 030.0	–139	–139	–140	–141	–142	–143	–143	–144	–145	–146
1 031.0	–147	–148	–148	–149	–150	–151	–152	–152	–153	–154
1 032.0	–155	–156	–157	–157	–158	–159	–160	–161	–161	–162
1 033.0	–163	–164	–165	–166	–166	–167	–168	–169	–170	–170
1 034.0	–171	–172	–173	–174	–175	–175	–176	–177	–178	–179
1 035.0	–180	–180	–181	–182	–183	–184	–184	–185	–186	–187
1 036.0	–188	–188	–189	–190	–191	–192	–193	–193	–194	–195
1 037.0	–196	–197	–197	–198	–199	–200	–201	–202	–202	–203
1 038.0	–204	–205	–206	–206	–207	–208	–209	–210	–211	–211
1 039.0	–212	–213	–214	–215	–215	–216	–217	–218	–219	–220

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
980.0	920	918	915	912	909	906	904	901	898	895
981.0	892	890	887	884	881	878	876	873	870	867
982.0	864	861	859	856	853	850	847	845	842	839
983.0	836	834	831	828	825	822	820	817	814	811
984.0	808	806	803	800	797	794	792	789	786	783
985.0	780	778	775	772	769	766	764	761	758	755
986.0	752	750	747	744	741	738	736	733	730	727
987.0	725	722	719	716	713	711	708	705	702	699
988.0	697	694	691	688	685	683	680	677	674	672
989.0	669	666	663	660	658	655	652	649	647	644
990.0	641	638	635	633	630	627	624	621	619	616
991.0	613	610	608	605	602	599	596	594	591	588
992.0	585	583	580	577	574	571	569	566	563	560
993.0	558	555	552	549	546	544	541	538	535	533
994.0	530	527	524	521	519	516	513	510	508	505
995.0	502	499	497	494	491	488	485	483	480	477
996.0	474	472	469	466	463	461	458	455	452	449
997.0	447	444	441	438	436	433	430	427	425	422
998.0	419	416	414	411	408	405	402	400	397	394
999.0	391	389	386	383	380	378	375	372	369	367
1 000.0	364	361	358	356	353	350	347	344	342	339
1 001.0	336	333	331	328	325	322	320	317	314	311
1 002.0	309	306	303	300	298	295	292	289	287	284
1 003.0	281	278	276	273	270	267	265	262	259	256
1 004.0	254	251	248	245	243	240	237	234	232	229
1 005.0	226	223	221	218	215	212	210	207	204	201
1 006.0	199	196	193	190	188	185	182	179	177	174
1 007.0	171	168	166	163	160	157	155	152	149	146
1 008.0	144	141	138	135	133	130	127	124	122	119
1 009.0	116	114	111	108	105	103	100	97	94	92
1 010.0	89	86	83	81	78	75	72	70	67	64
1 011.0	61	59	56	53	51	48	45	42	40	37
1 012.0	34	31	29	26	23	20	18	15	12	10
1 013.0	7	4	1	–1	–4	–7	–10	–12	–15	–18
1 014.0	–20	–23	–26	–29	–31	–34	–37	–40	–42	–45
1 015.0	–48	–50	–53	–56	–59	–61	–64	–67	–70	–72
1 016.0	–75	–78	–80	–83	–86	–89	–91	–94	–97	–100
1 017.0	–102	–105	–108	–110	–113	–116	–119	–121	–124	–127
1 018.0	–129	–132	–135	–138	–140	–143	–146	–149	–151	–154
1 019.0	–157	–159	–162	–165	–168	–170	–173	–176	–178	–181
1 020.0	–184	–187	–189	–192	–195	–197	–200	–203	–206	–208
1 021.0	–211	–214	–216	–219	–222	–225	–227	–230	–233	–235
1 022.0	–238	–241	–244	–246	–249	–252	–254	–257	–260	–263
1 023.0	–265	–268	–271	–273	–276	–279	–282	–284	–287	–290
1 024.0	–292	–295	–298	–300	–303	–306	–309	–311	–314	–317
1 025.0	–319	–322	–325	–328	–330	–333	–336	–338	–341	–344
1 026.0	–346	–349	–352	–355	–357	–360	–363	–365	–368	–371
1 027.0	–373	–376	–379	–382	–384	–387	–390	–392	–395	–398
1 028.0	–400	–403	–406	–409	–411	–414	–417	–419	–422	–425
1 029.0	–427	–430	–433	–436	–438	–441	–444	–446	–449	–452
1 030.0	–454	–457	–460	–463	–465	–468	–471	–473	–476	–479
1 031.0	–481	–484	–487	–489	–492	–495	–498	–500	–503	–506
1 032.0	–508	–511	–514	–516	–519	–522	–524	–527	–530	–532
1 033.0	–535	–538	–541	–543	–546	–549	–551	–554	–557	–559
1 034.0	–562	–565	–567	–570	–573	–575	–578	–581	–584	–586
1 035.0	–589	–592	–594	–597	–600	–602	–605	–608	–610	–613
1 036.0	–616	–618	–621	–624	–626	–629	–632	–635	–637	–640
1 037.0	–643	–645	–648	–651	–653	–656	–659	–661	–664	–667
1 038.0	–669	–672	–675	–677	–680	–683	–685	–688	–691	–693
1 039.0	–696	–699	–701	–704	–707	–710	–712	–715	–718	–720

GEOPOTENTIAL ALTITUDE (METRES)

	Hectopascal fractions									
p (hPa)	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1 040.0	–220	–221	–222	–223	–224	–224	–225	–226	–227	–228
1 041.0	–228	–229	–230	–231	–232	–233	–233	–234	–235	–236
1 042.0	–237	–237	–238	–239	–240	–241	–242	–242	–243	–244
1 043.0	–245	–246	–246	–247	–248	–249	–250	–250	–251	–252
1 044.0	–253	–254	–255	–255	–256	–257	–258	–259	–259	–260
1 045.0	–261	–262	–263	–263	–264	–265	–266	–267	–267	–268
1 046.0	–269	–270	–271	–272	–272	–273	–274	–275	–276	–276
1 047.0	–277	–278	–279	–280	–280	–281	–282	–283	–284	–285
1 048.0	–285	–286	–287	–288	–289	–289	–290	–291	–292	–293
1 049.0	–293	–294	–295	–296	–297	–297	–298	–299	–300	–301
1 050.0	–302	–302	–303	–304	–305	–306	–306	–307	–308	–309
1 051.0	–310	–310	–311	–312	–313	–314	–314	–315	–316	–317
1 052.0	–318	–318	–319	–320	–321	–322	–323	–323	–324	–325
1 053.0	–326	–327	–327	–328	–329	–330	–331	–331	–332	–333
1 054.0	–334	–335	–335	–336	–337	–338	–339	–339	–340	–341
1 055.0	–342	–343	–343	–344	–345	–346	–347	–348	–348	–349
1 056.0	–350	–351	–352	–352	–353	–354	–355	–356	–356	–357
1 057.0	–358	–359	–360	–360	–361	–362	–363	–364	–364	–365
1 058.0	–366	–367	–368	–368	–369	–370	–371	–372	–372	–373
1 059.0	–374	–375	–376	–376	–377	–378	–379	–380	–380	–381
1 060.0	–382	–383	–384	–384	–385	–386	–387	–388	–389	–389
1 061.0	–390	–391	–392	–393	–393	–394	–395	–396	–397	–397
1 062.0	–398	–399	–400	–401	–401	–402	–403	–404	–405	–405
1 063.0	–406	–407	–408	–409	–409	–410	–411	–412	–413	–413
1 064.0	–414	–415	–416	–417	–417	–418	–419	–420	–421	–421
1 065.0	–422	–423	–424	–425	–425	–426	–427	–428	–429	–429
1 066.0	–430	–431	–432	–433	–433	–434	–435	–436	–437	–437
1 067.0	–438	–439	–440	–441	–441	–442	–443	–444	–445	–445
1 068.0	–446	–447	–448	–448	–449	–450	–451	–452	–452	–453
1 069.0	–454	–455	–456	–456	–457	–458	–459	–460	–460	–461
1 070.0	–462	–463	–464	–464	–465	–466	–467	–468	–468	–469
1 071.0	–470	–471	–472	–472	–473	–474	–475	–476	–476	–477
1 072.0	–478	–479	–480	–480	–481	–482	–483	–484	–484	–485
1 073.0	–486	–487	–487	–488	–489	–490	–491	–491	–492	–493
1 074.0	–494	–495	–495	–496	–497	–498	–499	–499	–500	–501
1 075.0	–502	–503	–503	–504	–505	–506	–507	–507	–508	–509
1 076.0	–510	–511	–511	–512	–513	–514	–514	–515	–516	–517
1 077.0	–518	–518	–519	–520	–521	–522	–522	–523	–524	–525
1 078.0	–526	–526	–527	–528	–529	–530	–530	–531	–532	–533
1 079.0	–533	–534	–535	–536	–537	–537	–538	–539	–540	–541
1 080.0	–541	–542	–543	–544	–545	–545	–546	–547	–548	–548
1 081.0	–549	–550	–551	–552	–552	–553	–554	–555	–556	–556
1 082.0	–557	–558	–559	–560	–560	–561	–562	–563	–563	–564
1 083.0	–565	–566	–567	–567	–568	–569	–570	–571	–571	–572
1 084.0	–573	–574	–575	–575	–576	–577	–578	–578	–579	–580
1 085.0	–581	–582	–582	–583	–584	–585	–586	–586	–587	–588
1 086.0	–589	–589	–590	–591	–592	–593	–593	–594	–595	–596
1 087.0	–597	–597	–598	–599	–600	–601	–601	–602	–603	–604
1 088.0	–604	–605	–606	–607	–608	–608	–609	–610	–611	–612
1 089.0	–612	–613	–614	–615	–615	–616	–617	–618	–619	–619
1 090.0	–620	–621	–622	–622	–623	–624	–625	–626	–626	–627
1 091.0	–628	–629	–630	–630	–631	–632	–633	–633	–634	–635
1 092.0	–636	–637	–637	–638	–639	–640	–641	–641	–642	–643
1 093.0	–644	–644	–645	–646	–647	–648	–648	–649	–650	–651
1 094.0	–651	–652	–653	–654	–655	–655	–656	–657	–658	–659
1 095.0	–659	–660	–661	–662	–662	–663	–664	–665	–666	–666
1 096.0	–667	–668	–669	–669	–670	–671	–672	–673	–673	–674
1 097.0	–675	–676	–676	–677	–678	–679	–680	–680	–681	–682
1 098.0	–683	–684	–684	–685	–686	–687	–687	–688	–689	–690
1 099.0	–691	–691	–692	–693	–694	–694	–695	–696	–697	–698

GEOPOTENTIAL ALTITUDE (FEET)

	Hectopascal fractions									
p (hPa)	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1 040.0	–723	–726	–728	–731	–734	–736	–739	–742	–744	–747
1 041.0	–750	–752	–755	–758	–760	–763	–766	–768	–771	–774
1 042.0	–776	–779	–782	–784	–787	–790	–792	–795	–798	–800
1 043.0	–803	–806	–808	–811	–814	–816	–819	–822	–824	–827
1 044.0	–830	–832	–835	–838	–840	–843	–846	–848	–851	–854
1 045.0	–856	–859	–862	–864	–867	–870	–872	–875	–878	–880
1 046.0	–883	–886	–888	–891	–894	–896	–899	–902	–904	–907
1 047.0	–910	–912	–915	–918	–920	–923	–926	–928	–931	–933
1 048.0	–936	–939	–941	–944	–947	–949	–952	–955	–957	–960
1 049.0	–963	–965	–968	–971	–973	–976	–979	–981	–984	–987
1 050.0	–989	–992	–995	–997	–1000	–1003	–1005	–1008	–1010	–1013
1 051.0	–1 016	–1 018	–1 021	–1 024	–1 026	–1 029	–1 032	–1 034	–1 037	–1 040
1 052.0	–1 042	–1 045	–1 048	–1 050	–1 053	–1 056	–1 058	–1 061	–1 063	–1 066
1 053.0	–1 069	–1 071	–1 074	–1 077	–1 079	–1 082	–1 085	–1 087	–1 090	–1 093
1 054.0	–1 095	–1 098	–1 101	–1 103	–1 106	–1 108	–1 111	–1 114	–1 116	–1 119
1 055.0	–1 122	–1 124	–1 127	–1 130	–1 132	–1 135	–1 138	–1 140	–1 143	–1 145
1 056.0	–1 148	–1 151	–1 153	–1 156	–1 159	–1 161	–1 164	–1 167	–1 169	–1 172
1 057.0	–1 174	–1 177	–1 180	–1 182	–1 185	–1 188	–1 190	–1 193	–1 196	–1 198
1 058.0	–1 201	–1 203	–1 206	–1 209	–1 211	–1 214	–1 217	–1 219	–1 222	–1 225
1 059.0	–1 227	–1 230	–1 232	–1 235	–1 238	–1 240	–1 243	–1 246	–1 248	–1 251
1 060.0	–1 254	–1 256	–1 259	–1 261	–1 264	–1 267	–1 269	–1 272	–1 275	–1 277
1 061.0	–1 280	–1 283	–1 285	–1 288	–1 290	–1 293	–1 296	–1 298	–1 301	–1 304
1 062.0	–1 306	–1 309	–1 311	–1 314	–1 317	–1 319	–1 322	–1 325	–1 327	–1 330
1 063.0	–1 332	–1 335	–1 338	–1 340	–1 343	–1 346	–1 348	–1 351	–1 353	–1 356
1 064.0	–1 359	–1 361	–1 364	–1 367	–1 369	–1 372	–1 374	–1 377	–1 380	–1 382
1 065.0	–1 385	–1 388	–1 390	–1 393	–1 395	–1 398	–1 401	–1 403	–1 406	–1 409
1 066.0	–1 411	–1 414	–1 416	–1 419	–1 422	–1 424	–1 427	–1 430	–1 432	–1 435
1 067.0	–1 437	–1 440	–1 443	–1 445	–1 448	–1 450	–1 453	–1 456	–1 458	–1 461
1 068.0	–1 464	–1 466	–1 469	–1 471	–1 474	–1 477	–1 479	–1 482	–1 485	–1 487
1 069.0	–1 490	–1 492	–1 495	–1 498	–1 500	–1 503	–1 505	–1 508	–1 511	–1 513
1 070.0	–1 516	–1 518	–1 521	–1 524	–1 526	–1 529	–1 532	–1 534	–1 537	–1 539
1 071.0	–1 542	–1 545	–1 547	–1 550	–1 552	–1 555	–1 558	–1 560	–1 563	–1 565
1 072.0	–1 568	–1 571	–1 573	–1 576	–1 579	–1 581	–1 584	–1 586	–1 589	–1 592
1 073.0	–1 594	–1 597	–1 599	–1 602	–1 605	–1 607	–1 610	–1 612	–1 615	–1 618
1 074.0	–1 620	–1 623	–1 625	–1 628	–1 631	–1 633	–1 636	–1 638	–1 641	–1 644
1 075.0	–1 646	–1 649	–1 651	–1 654	–1 657	–1 659	–1 662	–1 664	–1 667	–1 670
1 076.0	–1 672	–1 675	–1 678	–1 680	–1 683	–1 685	–1 688	–1 691	–1 693	–1 696
1 077.0	–1 698	–1 701	–1 704	–1 706	–1 709	–1 711	–1 714	–1 716	–1 719	–1 722
1 078.0	–1 724	–1 727	–1 729	–1 732	–1 735	–1 737	–1 740	–1 742	–1 745	–1 748
1 079.0	–1 750	–1 753	–1 755	–1 758	–1 761	–1 763	–1 766	–1 768	–1 771	–1 774
1 080.0	–1 776	–1 779	–1 781	–1 784	–1 787	–1 789	–1 792	–1 794	–1 797	–1 800
1 081.0	–1 802	–1 805	–1 807	–1 810	–1 812	–1 815	–1 818	–1 820	–1 823	–1 825
1 082.0	–1 828	–1 831	–1 833	–1 836	–1 838	–1 841	–1 844	–1 846	–1 849	–1 851
1 083.0	–1 854	–1 857	–1 859	–1 862	–1 864	–1 867	–1 869	–1 872	–1 875	–1 877
1 084.0	–1 880	–1 882	–1 885	–1 888	–1 890	–1 893	–1 895	–1 898	–1 900	–1 903
1 085.0	–1 906	–1 908	–1 911	–1 913	–1 916	–1 919	–1 921	–1 924	–1 926	–1 929
1 086.0	–1 931	–1 934	–1 937	–1 939	–1 942	–1 944	–1 947	–1 950	–1 952	–1 955
1 087.0	–1 957	–1 960	–1 962	–1 965	–1 968	–1 970	–1 973	–1 975	–1 978	–1 980
1 088.0	–1 983	–1 986	–1 988	–1 991	–1 993	–1 996	–1 999	–2001	–2004	–2006
1 089.0	–2 009	–2 011	–2 014	–2 017	–2 019	–2 022	–2 024	–2 027	–2 029	–2 032
1 090.0	–2 035	–2 037	–2 040	–2 042	–2 045	–2 047	–2 050	–2 053	–2 055	–2 058
1 091.0	–2 060	–2 063	–2 065	–2 068	–2 071	–2 073	–2 076	–2 078	–2 081	–2 083
1 092.0	–2 086	–2 089	–2 091	–2 094	–2 096	–2 099	–2 101	–2 104	–2 107	–2 109
1 093.0	–2 112	–2 114	–2 117	–2 119	–2 122	–2 125	–2 127	–2 130	–2 132	–2 135
1 094.0	–2 137	–2 140	–2 143	–2 145	–2 148	–2 150	–2 153	–2 155	–2 158	–2 160
1 095.0	–2 163	–2 166	–2 168	–2 171	–2 173	–2 176	–2 178	–2 181	–2 184	–2 186
1 096.0	–2 189	–2 191	–2 194	–2 196	–2 199	–2 202	–2 204	–2 207	–2 209	–2 212
1 097.0	–2 214	–2 217	–2 219	–2 222	–2 225	–2 227	–2 230	–2 232	–2 235	–2 237
1 098.0	–2 240	–2 242	–2 245	–2 248	–2 250	–2 253	–2 255	–2 258	–2 260	–2 263
1 099.0	–2 266	–2 268	–2 271	–2 273	–2 276	–2 278	–2 281	–2 283	–2 286	–2 289

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1 100.0	–698	–699	–700	–701	–701	–702	–703	–704	–705	–705
1 101.0	–706	–707	–708	–708	–709	–710	–711	–712	–712	–713
1 102.0	–714	–715	–715	–716	–717	–718	–719	–719	–720	–721
1 103.0	–722	–722	–723	–724	–725	–726	–726	–727	–728	–729
1 104.0	–729	–730	–731	–732	–733	–733	–734	–735	–736	–736
1 105.0	–737	–738	–739	–740	–740	–741	–742	–743	–743	–744
1 106.0	–745	–746	–746	–747	–748	–749	–750	–750	–751	–752
1 107.0	–753	–753	–754	–755	–756	–757	–757	–758	–759	–760
1 108.0	–760	–761	–762	–763	–764	–764	–765	–766	–767	–767
1 109.0	–768	–769	–770	–771	–771	–772	–773	–774	–774	–775
1 110.0	–776	–777	–777	–778	–779	–780	–781	–781	–782	–783
1 111.0	–784	–784	–785	–786	–787	–788	–788	–789	–790	–791
1 112.0	–791	–792	–793	–794	–794	–795	–796	–797	–798	–798
1 113.0	–799	–800	–801	–801	–802	–803	–804	–804	–805	–806
1 114.0	–807	–808	–808	–809	–810	–811	–811	–812	–813	–814
1 115.0	–815	–815	–816	–817	–818	–818	–819	–820	–821	–821
1 116.0	–822	–823	–824	–825	–825	–826	–827	–828	–828	–829
1 117.0	–830	–831	–831	–832	–833	–834	–835	–835	–836	–837
1 118.0	–838	–838	–839	–840	–841	–841	–842	–843	–844	–845
1 119.0	–845	–846	–847	–848	–848	–849	–850	–851	–851	–852
1 120.0	–853	–854	–854	–855	–856	–857	–858	–858	–859	–860
1 121.0	–861	–861	–862	–863	–864	–864	–865	–866	–867	–868
1 122.0	–868	–869	–870	–871	–871	–872	–873	–874	–874	–875
1 123.0	–876	–877	–877	–878	–879	–880	–881	–881	–882	–883
1 124.0	–884	–884	–885	–886	–887	–887	–888	–889	–890	–890
1 125.0	–891	–892	–893	–894	–894	–895	–896	–897	–897	–898
1 126.0	–899	–900	–900	–901	–902	–903	–903	–904	–905	–906
1 127.0	–907	–907	–908	–909	–910	–910	–911	–912	–913	–913
1 128.0	–914	–915	–916	–916	–917	–918	–919	–920	–920	–921
1 129.0	–922	–923	–923	–924	–925	–926	–926	–927	–928	–929
1 130.0	–929	–930	–931	–932	–932	–933	–934	–935	–936	–936
1 131.0	–937	–938	–939	–939	–940	–941	–942	–942	–943	–944
1 132.0	–945	–945	–946	–947	–948	–948	–949	–950	–951	–952
1 133.0	–952	–953	–954	–955	–955	–956	–957	–958	–958	–959
1 134.0	–960	–961	–961	–962	–963	–964	–964	–965	–966	–967
1 135.0	–967	–968	–969	–970	–971	–971	–972	–973	–974	–974
1 136.0	–975	–976	–977	–977	–978	–979	–980	–980	–981	–982
1 137.0	–983	–983	–984	–985	–986	–986	–987	–988	–989	–989
1 138.0	–990	–991	–992	–992	–993	–994	–995	–996	–996	–997
1 139.0	–998	–999	–999	–1000	–1001	–1002	–1002	–1003	–1004	–1005
1 140.0	–1 005	–1 006	–1 007	–1 008	–1 008	–1 009	–1 010	–1 011	–1 011	–1 012
1 141.0	–1 013	–1 014	–1 014	–1 015	–1 016	–1 017	–1 017	–1 018	–1 019	–1 020
1 142.0	–1 020	–1 021	–1 022	–1 023	–1 024	–1 024	–1 025	–1 026	–1 027	–1 027
1 143.0	–1 028	–1 029	–1 030	–1 030	–1 031	–1 032	–1 033	–1 033	–1 034	–1 035
1 144.0	–1 036	–1 036	–1 037	–1 038	–1 039	–1 039	–1 040	–1 041	–1 042	–1 042
1 145.0	–1 043	–1 044	–1 045	–1 045	–1 046	–1 047	–1 048	–1 048	–1 049	–1 050
1 146.0	–1 051	–1 051	–1 052	–1 053	–1 054	–1 054	–1 055	–1 056	–1 057	–1 057
1 147.0	–1 058	–1 059	–1 060	–1 060	–1 061	–1 062	–1 063	–1 063	–1 064	–1 065
1 148.0	–1 066	–1 066	–1 067	–1 068	–1 069	–1 069	–1 070	–1 071	–1 072	–1 072
1 149.0	–1 073	–1 074	–1 075	–1 076	–1 076	–1 077	–1 078	–1 079	–1 079	–1 080
1 150.0	–1 081	–1 082	–1 082	–1 083	–1 084	–1 085	–1 085	–1 086	–1 087	–1 088
1 151.0	–1 088	–1 089	–1 090	–1 091	–1 091	–1 092	–1 093	–1 094	–1 094	–1 095
1 152.0	–1 096	–1 097	–1 097	–1 098	–1 099	–1 100	–1 100	–1 101	–1 102	–1 103
1 153.0	–1 103	–1 104	–1 105	–1 106	–1 106	–1 107	–1 108	–1 109	–1 109	–1 110
1 154.0	–1 111	–1 112	–1 112	–1 113	–1 114	–1 115	–1 115	–1 116	–1 117	–1 118
1 155.0	–1 118	–1 119	–1 120	–1 121	–1 121	–1 122	–1 123	–1 124	–1 124	–1 125
1 156.0	–1 126	–1 126	–1 127	–1 128	–1 129	–1 129	–1 130	–1 131	–1 132	–1 132
1 157.0	–1 133	–1 134	–1 135	–1 135	–1 136	–1 137	–1 138	–1 138	–1 139	–1 140
1 158.0	–1 141	–1 141	–1 142	–1 143	–1 144	–1 144	–1 145	–1 146	–1 147	–1 147
1 159.0	–1 148	–1 149	–1 150	–1 150	–1 151	–1 152	–1 153	–1 153	–1 154	–1 155

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1 100.0	–2 291	–2 294	–2 296	–2 299	–2 301	–2 304	–2 306	–2 309	–2 312	–2 314
1 101.0	–2 317	–2 319	–2 322	–2 324	–2 327	–2 329	–2 332	–2 334	–2 337	–2 340
1 102.0	–2 342	–2 345	–2 347	–2 350	–2 352	–2 355	–2 357	–2 360	–2 363	–2 365
1 103.0	–2 368	–2 370	–2 373	–2 375	–2 378	–2 380	–2 383	–2 385	–2 388	–2 391
1 104.0	–2 393	–2 396	–2 398	–2 401	–2 403	–2 406	–2 408	–2 411	–2 414	–2 416
1 105.0	–2 419	–2 421	–2 424	–2 426	–2 429	–2 431	–2 434	–2 436	–2 439	–2 441
1 106.0	–2 444	–2 447	–2 449	–2 452	–2 454	–2 457	–2 459	–2 462	–2 464	–2 467
1 107.0	–2 469	–2 472	–2 475	–2 477	–2 480	–2 482	–2 485	–2 487	–2 490	–2 492
1 108.0	–2 495	–2 497	–2 500	–2 503	–2 505	–2 508	–2 510	–2 513	–2 515	–2 518
1 109.0	–2 520	–2 523	–2 525	–2 528	–2 530	–2 533	–2 536	–2 538	–2 541	–2 543
1 110.0	–2 546	–2 548	–2 551	–2 553	–2 556	–2 558	–2 561	–2 563	–2 566	–2 568
1 111.0	–2 571	–2 574	–2 576	–2 579	–2 581	–2 584	–2 586	–2 589	–2 591	–2 594
1 112.0	–2 596	–2 599	–2 601	–2 604	–2 606	–2 609	–2 612	–2 614	–2 617	–2 619
1 113.0	–2 622	–2 624	–2 627	–2 629	–2 632	–2 634	–2 637	–2 639	–2 642	–2 644
1 114.0	–2 647	–2 650	–2 652	–2 655	–2 657	–2 660	–2 662	–2 665	–2 667	–2 670
1 115.0	–2 672	–2 675	–2 677	–2 680	–2 682	–2 685	–2 687	–2 690	–2 692	–2 695
1 116.0	–2 698	–2 700	–2 703	–2 705	–2 708	–2 710	–2 713	–2 715	–2 718	–2 720
1 117.0	–2 723	–2 725	–2 728	–2 730	–2 733	–2 735	–2 738	–2 740	–2 743	–2 745
1 118.0	–2 748	–2 751	–2 753	–2 756	–2 758	–2 761	–2 763	–2 766	–2 768	–2 771
1 119.0	–2 773	–2 776	–2 778	–2 781	–2 783	–2 786	–2 788	–2 791	–2 793	–2 796
1 120.0	–2 798	–2 801	–2 803	–2 806	–2 808	–2 811	–2 814	–2 816	–2 819	–2 821
1 121.0	–2 824	–2 826	–2 829	–2 831	–2 834	–2 836	–2 839	–2 841	–2 844	–2 846
1 122.0	–2 849	–2 851	–2 854	–2 856	–2 859	–2 861	–2 864	–2 866	–2 869	–2 871
1 123.0	–2 874	–2 876	–2 879	–2 881	–2 884	–2 886	–2 889	–2 891	–2 894	–2 896
1 124.0	–2 899	–2 901	–2 904	–2 907	–2 909	–2 912	–2 914	–2 917	–2 919	–2 922
1 125.0	–2 924	–2 927	–2 929	–2 932	–2 934	–2 937	–2 939	–2 942	–2 944	–2 947
1 126.0	–2 949	–2 952	–2 954	–2 957	–2 959	–2 962	–2 964	–2 967	–2 969	–2 972
1 127.0	–2 974	–2 977	–2 979	–2 982	–2 984	–2 987	–2 989	–2 992	–2 994	–2 997
1 128.0	–2 999	–3 002	–3 004	–3 007	–3 009	–3 012	–3 014	–3 017	–3 019	–3 022
1 129.0	–3 024	–3 027	–3 029	–3 032	–3 034	–3 037	–3 039	–3 042	–3 044	–3 047
1 130.0	–3 049	–3 052	–3 054	–3 057	–3 059	–3 062	–3 064	–3 067	–3 069	–3 072
1 131.0	–3 074	–3 077	–3 079	–3 082	–3 084	–3 087	–3 089	–3 092	–3 094	–3 097
1 132.0	–3 099	–3 102	–3 104	–3 107	–3 109	–3 112	–3 114	–3 117	–3 119	–3 122
1 133.0	–3 124	–3 127	–3 129	–3 132	–3 134	–3 137	–3 139	–3 142	–3 144	–3 147
1 134.0	–3 149	–3 152	–3 154	–3 157	–3 159	–3 162	–3 164	–3 167	–3 169	–3 172
1 135.0	–3 174	–3 177	–3 179	–3 182	–3 184	–3 187	–3 189	–3 192	–3 194	–3 197
1 136.0	–3 199	–3 202	–3 204	–3 206	–3 209	–3 211	–3 214	–3 216	–3 219	–3 221
1 137.0	–3 224	–3 226	–3 229	–3 231	–3 234	–3 236	–3 239	–3 241	–3 244	–3 246
1 138.0	–3 249	–3 251	–3 254	–3 256	–3 259	–3 261	–3 264	–3 266	–3 269	–3 271
1 139.0	–3 274	–3 276	–3 279	–3 281	–3 284	–3 286	–3 289	–3 291	–3 293	–3 296
1 140.0	–3 298	–3 301	–3 303	–3 306	–3 308	–3 311	–3 313	–3 316	–3 318	–3 321
1 141.0	–3 323	–3 326	–3 328	–3 331	–3 333	–3 336	–3 338	–3 341	–3 343	–3 346
1 142.0	–3 348	–3 351	–3 353	–3 356	–3 358	–3 360	–3 363	–3 365	–3 368	–3 370
1 143.0	–3 373	–3 375	–3 378	–3 380	–3 383	–3 385	–3 388	–3 390	–3 393	–3 395
1 144.0	–3 398	–3 400	–3 403	–3 405	–3 408	–3 410	–3 412	–3 415	–3 417	–3 420
1 145.0	–3 422	–3 425	–3 427	–3 430	–3 432	–3 435	–3 437	–3 440	–3 442	–3 445
1 146.0	–3 447	–3 450	–3 452	–3 454	–3 457	–3 459	–3 462	–3 464	–3 467	–3 469
1 147.0	–3 472	–3 474	–3 477	–3 479	–3 482	–3 484	–3 487	–3 489	–3 492	–3 494
1 148.0	–3 496	–3 499	–3 501	–3 504	–3 506	–3 509	–3 511	–3 514	–3 516	–3 519
1 149.0	–3 521	–3 524	–3 526	–3 529	–3 531	–3 533	–3 536	–3 538	–3 541	–3 543
1 150.0	–3 546	–3 548	–3 551	–3 553	–3 556	–3 558	–3 561	–3 563	–3 566	–3 568
1 151.0	–3 570	–3 573	–3 575	–3 578	–3 580	–3 583	–3 585	–3 588	–3 590	–3 593
1 152.0	–3 595	–3 598	–3 600	–3 602	–3 605	–3 607	–3 610	–3 612	–3 615	–3 617
1 153.0	–3 620	–3 622	–3 625	–3 627	–3 630	–3 632	–3 634	–3 637	–3 639	–3 642
1 154.0	–3 644	–3 647	–3 649	–3 652	–3 654	–3 657	–3 659	–3 661	–3 664	–3 666
1 155.0	–3 669	–3 671	–3 674	–3 676	–3 679	–3 681	–3 684	–3 686	–3 688	–3 691
1 156.0	–3 693	–3 696	–3 698	–3 701	–3 703	–3 706	–3 708	–3 711	–3 713	–3 715
1 157.0	–3 718	–3 720	–3 723	–3 725	–3 728	–3 730	–3 733	–3 735	–3 738	–3 740
1 158.0	–3 742	–3 745	–3 747	–3 750	–3 752	–3 755	–3 757	–3 760	–3 762	–3 765
1 159.0	–3 767	–3 769	–3 772	–3 774	–3 777	–3 779	–3 782	–3 784	–3 787	–3 789

GEOPOTENTIAL ALTITUDE (METRES)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1 160.0	–1 156	–1 156	–1 157	–1 158	–1 159	–1 159	–1 160	–1 161	–1 162	–1 162
1 161.0	–1 163	–1 164	–1 165	–1 165	–1 166	–1 167	–1 168	–1 168	–1 169	–1 170
1 162.0	–1 171	–1 171	–1 172	–1 173	–1 174	–1 174	–1 175	–1 176	–1 177	–1 177
1 163.0	–1 178	–1 179	–1 179	–1 180	–1 181	–1 182	–1 182	–1 183	–1 184	–1 185
1 164.0	–1 185	–1 186	–1 187	–1 188	–1 188	–1 189	–1 190	–1 191	–1 191	–1 192
1 165.0	–1 193	–1 194	–1 194	–1 195	–1 196	–1 197	–1 197	–1 198	–1 199	–1 200
1 166.0	–1 200	–1 201	–1 202	–1 203	–1 203	–1 204	–1 205	–1 206	–1 206	–1 207
1 167.0	–1 208	–1 208	–1 209	–1 210	–1 211	–1 211	–1 212	–1 213	–1 214	–1 214
1 168.0	–1 215	–1 216	–1 217	–1 217	–1 218	–1 219	–1 220	–1 220	–1 221	–1 222
1 169.0	–1 223	–1 223	–1 224	–1 225	–1 226	–1 226	–1 227	–1 228	–1 229	–1 229
1 170.0	–1 230	–1 231	–1 231	–1 232	–1 233	–1 234	–1 234	–1 235	–1 236	–1 237
1 171.0	–1 237	–1 238	–1 239	–1 240	–1 240	–1 241	–1 242	–1 243	–1 243	–1 244
1 172.0	–1 245	–1 246	–1 246	–1 247	–1 248	–1 248	–1 249	–1 250	–1 251	–1 251
1 173.0	–1 252	–1 253	–1 254	–1 254	–1 255	–1 256	–1 257	–1 257	–1 258	–1 259
1 174.0	–1 260	–1 260	–1 261	–1 262	–1 263	–1 263	–1 264	–1 265	–1 265	–1 266
1 175.0	–1 267	–1 268	–1 268	–1 269	–1 270	–1 271	–1 271	–1 272	–1 273	–1 274
1 176.0	–1 274	–1 275	–1 276	–1 277	–1 277	–1 278	–1 279	–1 280	–1 280	–1 281
1 177.0	–1 282	–1 282	–1 283	–1 284	–1 285	–1 285	–1 286	–1 287	–1 288	–1 288
1 178.0	–1 289	–1 290	–1 291	–1 291	–1 292	–1 293	–1 294	–1 294	–1 295	–1 296
1 179.0	–1 296	–1 297	–1 298	–1 299	–1 299	–1 300	–1 301	–1 302	–1 302	–1 303
1 180.0	–1 304	–1 305	–1 305	–1 306	–1 307	–1 307	–1 308	–1 309	–1 310	–1 310
1 181.0	–1 311	–1 312	–1 313	–1 313	–1 314	–1 315	–1 316	–1 316	–1 317	–1 318
1 182.0	–1 319	–1 319	–1 320	–1 321	–1 321	–1 322	–1 323	–1 324	–1 324	–1 325
1 183.0	–1 326	–1 327	–1 327	–1 328	–1 329	–1 330	–1 330	–1 331	–1 332	–1 332
1 184.0	–1 333	–1 334	–1 335	–1 335	–1 336	–1 337	–1 338	–1 338	–1 339	–1 340
1 185.0	–1 341	–1 341	–1 342	–1 343	–1 343	–1 344	–1 345	–1 346	–1 346	–1 347
1 186.0	–1 348	–1 349	–1 349	–1 350	–1 351	–1 352	–1 352	–1 353	–1 354	–1 354
1 187.0	–1 355	–1 356	–1 357	–1 357	–1 358	–1 359	–1 360	–1 360	–1 361	–1 362
1 188.0	–1 363	–1 363	–1 364	–1 365	–1 365	–1 366	–1 367	–1 368	–1 368	–1 369
1 189.0	–1 370	–1 371	–1 371	–1 372	–1 373	–1 373	–1 374	–1 375	–1 376	–1 376
1 190.0	–1 377	–1 378	–1 379	–1 379	–1 380	–1 381	–1 382	–1 382	–1 383	–1 384
1 191.0	–1 384	–1 385	–1 386	–1 387	–1 387	–1 388	–1 389	–1 390	–1 390	–1 391
1 192.0	–1 392	–1 392	–1 393	–1 394	–1 395	–1 395	–1 396	–1 397	–1 398	–1 398
1 193.0	–1 399	–1 400	–1 401	–1 401	–1 402	–1 403	–1 403	–1 404	–1 405	–1 406
1 194.0	–1 406	–1 407	–1 408	–1 409	–1 409	–1 410	–1 411	–1 411	–1 412	–1 413
1 195.0	–1 414	–1 414	–1 415	–1 416	–1 417	–1 417	–1 418	–1 419	–1 419	–1 420
1 196.0	–1 421	–1 422	–1 422	–1 423	–1 424	–1 425	–1 425	–1 426	–1 427	–1 427
1 197.0	–1 428	–1 429	–1 430	–1 430	–1 431	–1 432	–1 433	–1 433	–1 434	–1 435
1 198.0	–1 435	–1 436	–1 437	–1 438	–1 438	–1 439	–1 440	–1 441	–1 441	–1 442
1 199.0	–1 443	–1 443	–1 444	–1 445	–1 446	–1 446	–1 447	–1 448	–1 449	–1 449

GEOPOTENTIAL ALTITUDE (FEET)

p (hPa)	Hectopascal fractions 0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1 160.0	–3 791	–3 794	–3 796	–3 799	–3 801	–3 804	–3 806	–3 809	–3 811	–3 813
1 161.0	–3 816	–3 818	–3 821	–3 823	–3 826	–3 828	–3 831	–3 833	–3 835	–3 838
1 162.0	–3 840	–3 843	–3 845	–3 848	–3 850	–3 853	–3 855	–3 857	–3 860	–3 862
1 163.0	–3 865	–3 867	–3 870	–3 872	–3 875	–3 877	–3 879	–3 882	–3 884	–3 887
1 164.0	–3 889	–3 892	–3 894	–3 897	–3 899	–3 901	–3 904	–3 906	–3 909	–3 911
1 165.0	–3 914	–3 916	–3 919	–3 921	–3 923	–3 926	–3 928	–3 931	–3 933	–3 936
1 166.0	–3 938	–3 940	–3 943	–3 945	–3 948	–3 950	–3 953	–3 955	–3 958	–3 960
1 167.0	–3 962	–3 965	–3 967	–3 970	–3 972	–3 975	–3 977	–3 979	–3 982	–3 984
1 168.0	–3 987	–3 989	–3 992	–3 994	–3 996	–3 999	–4 001	–4 004	–4 006	–4 009
1 169.0	–4 011	–4 013	–4 016	–4 018	–4 021	–4 023	–4 026	–4 028	–4 031	–4 033
1 170.0	–4 035	–4 038	–4 040	–4 043	–4 045	–4 048	–4 050	–4 052	–4 055	–4 057
1 171.0	–4 060	–4 062	–4 065	–4 067	–4 069	–4 072	–4 074	–4 077	–4 079	–4 082
1 172.0	–4 084	–4 086	–4 089	–4 091	–4 094	–4 096	–4 099	–4 101	–4 103	–4 106
1 173.0	–4 108	–4 111	–4 113	–4 116	–4 118	–4 120	–4 123	–4 125	–4 128	–4 130
1 174.0	–4 132	–4 135	–4 137	–4 140	–4 142	–4 145	–4 147	–4 149	–4 152	–4 154
1 175.0	–4 157	–4 159	–4 162	–4 164	–4 166	–4 169	–4 171	–4 174	–4 176	–4 178
1 176.0	–4 181	–4 183	–4 186	–4 188	–4 191	–4 193	–4 195	–4 198	–4 200	–4 203
1 177.0	–4 205	–4 208	–4 210	–4 212	–4 215	–4 217	–4 220	–4 222	–4 224	–4 227
1 178.0	–4 229	–4 232	–4 234	–4 237	–4 239	–4 241	–4 244	–4 246	–4 249	–4 251
1 179.0	–4 253	–4 256	–4 258	–4 261	–4 263	–4 266	–4 268	–4 270	–4 273	–4 275
1 180.0	–4 278	–4 280	–4 282	–4 285	–4 287	–4 290	–4 292	–4 295	–4 297	–4 299
1 181.0	–4 302	–4 304	–4 307	–4 309	–4 311	–4 314	–4 316	–4 319	–4 321	–4 323
1 182.0	–4 326	–4 328	–4 331	–4 333	–4 336	–4 338	–4 340	–4 343	–4 345	–4 348
1 183.0	–4 350	–4 352	–4 355	–4 357	–4 360	–4 362	–4 364	–4 367	–4 369	–4 372
1 184.0	–4 374	–4 376	–4 379	–4 381	–4 384	–4 386	–4 388	–4 391	–4 393	–4 396
1 185.0	–4 398	–4 401	–4 403	–4 405	–4 408	–4 410	–4 413	–4 415	–4 417	–4 420
1 186.0	–4 422	–4 425	–4 427	–4 429	–4 432	–4 434	–4 437	–4 439	–4 441	–4 444
1 187.0	–4 446	–4 449	–4 451	–4 453	–4 456	–4 458	–4 461	–4 463	–4 465	–4 468
1 188.0	–4 470	–4 473	–4 475	–4 477	–4 480	–4 482	–4 485	–4 487	–4 489	–4 492
1 189.0	–4 494	–4 497	–4 499	–4 501	–4 504	–4 506	–4 509	–4 511	–4 513	–4 516
1 190.0	–4 518	–4 521	–4 523	–4 525	–4 528	–4 530	–4 533	–4 535	–4 537	–4 540
1 191.0	–4 542	–4 545	–4 547	–4 549	–4 552	–4 554	–4 557	–4 559	–4 561	–4 564
1 192.0	–4 566	–4 569	–4 571	–4 573	–4 576	–4 578	–4 580	–4 583	–4 585	–4 588
1 193.0	–4 590	–4 592	–4 595	–4 597	–4 600	–4 602	–4 604	–4 607	–4 609	–4 612
1 194.0	–4 614	–4 616	–4 619	–4 621	–4 624	–4 626	–4 628	–4 631	–4 633	–4 635
1 195.0	–4 638	–4 640	–4 643	–4 645	–4 647	–4 650	–4 652	–4 655	–4 657	–4 659
1 196.0	–4 662	–4 664	–4 667	–4 669	–4 671	–4 674	–4 676	–4 678	–4 681	–4 683
1 197.0	–4 686	–4 688	–4 690	–4 693	–4 695	–4 698	–4 700	–4 702	–4 705	–4 707
1 198.0	–4 709	–4 712	–4 714	–4 717	–4 719	–4 721	–4 724	–4 726	–4 729	–4 731
1 199.0	–4 733	–4 736	–4 738	–4 740	–4 743	–4 745	–4 748	–4 750	–4 752	–4 755

GEOPOTENTIAL ALTITUDE (METRES)

	Hectopascal fractions									
p (hPa)	0	1	2	3	4	5	6	7	8	9
1 200.0	–1 450	–1 457	–1 464	–1 472	–1 479	–1 486	–1 493	–1 501	–1 508	–1 515
1 210.0	–1 522	–1 530	–1 537	–1 544	–1 551	–1 558	–1 565	–1 573	–1 580	–1 587
1 220.0	–1 594	–1 601	–1 608	–1 616	–1 623	–1 630	–1 637	–1 644	–1 651	–1 658
1 230.0	–1 666	–1 673	–1 680	–1 687	–1 694	–1 701	–1 708	–1 715	–1 722	–1 729
1 240.0	–1 736	–1 744	–1 751	–1 758	–1 765	–1 772	–1 779	–1 786	–1 793	–1 800
1 250.0	–1 807	–1 814	–1 821	–1 828	–1 835	–1 842	–1 849	–1 856	–1 863	–1 870
1 260.0	–1 877	–1 884	–1 891	–1 898	–1 905	–1 912	–1 919	–1 926	–1 933	–1 940
1 270.0	–1 946	–1 953	–1 960	–1 967	–1 974	–1 981	–1 988	–1 995	–2 002	–2 009
1 280.0	–2 016	–2 022	–2 029	–2 036	–2 043	–2 050	–2 057	–2 064	–2 071	–2 077
1 290.0	–2 084	–2 091	–2 098	–2 105	–2 112	–2 118	–2 125	–2 132	–2 139	–2 146
1 300.0	–2 153	–2 159	–2 166	–2 173	–2 180	–2 186	–2 193	–2 200	–2 207	–2 214
1 310.0	–2 220	–2 227	–2 234	–2 241	–2 247	–2 254	–2 261	–2 268	–2 274	–2 281
1 320.0	–2 288	–2 294	–2 301	–2 308	–2 315	–2 321	–2 328	–2 335	–2 341	–2 348
1 330.0	–2 355	–2 361	–2 368	–2 375	–2 381	–2 388	–2 395	–2 401	–2 408	–2 415
1 340.0	–2 421	–2 428	–2 435	–2 441	–2 448	–2 454	–2 461	–2 468	–2 474	–2 481
1 350.0	–2 487	–2 494	–2 501	–2 507	–2 514	–2 520	–2 527	–2 534	–2 540	–2 547
1 360.0	–2 553	–2 560	–2 566	–2 573	–2 579	–2 586	–2 593	–2 599	–2 606	–2 612
1 370.0	–2 619	–2 625	–2 632	–2 638	–2 645	–2 651	–2 658	–2 664	–2 671	–2 677
1 380.0	–2 684	–2 690	–2 697	–2 703	–2 710	–2 716	–2 723	–2 729	–2 735	–2 742
1 390.0	–2 748	–2 755	–2 761	–2 768	–2 774	–2 780	–2 787	–2 793	–2 800	–2 806
1 400.0	–2 813	–2 819	–2 825	–2 832	–2 838	–2 845	–2 851	–2 857	–2 864	–2 870
1 410.0	–2 876	–2 883	–2 889	–2 896	–2 902	–2 908	–2 915	–2 921	–2 927	–2 934
1 420.0	–2 940	–2 946	–2 953	–2 959	–2 965	–2 972	–2 978	–2 984	–2 991	–2 997
1 430.0	–3 003	–3 009	–3 016	–3 022	–3 028	–3 035	–3 041	–3 047	–3 053	–3 060
1 440.0	–3 066	–3 072	–3 078	–3 085	–3 091	–3 097	–3 103	–3 110	–3 116	–3 122
1 450.0	–3 128	–3 135	–3 141	–3 147	–3 153	–3 159	–3 166	–3 172	–3 178	–3 184
1 460.0	–3 190	–3 197	–3 203	–3 209	–3 215	–3 221	–3 228	–3 234	–3 240	–3 246
1 470.0	–3 252	–3 258	–3 265	–3 271	–3 277	–3 283	–3 289	–3 295	–3 301	–3 308
1 480.0	–3 314	–3 320	–3 326	–3 332	–3 338	–3 344	–3 350	–3 356	–3 363	–3 369
1 490.0	–3 375	–3 381	–3 387	–3 393	–3 399	–3 405	–3 411	–3 417	–3 423	–3 429
1 500.0	–3 435	–3 442	–3 448	–3 454	–3 460	–3 466	–3 472	–3 478	–3 484	–3 490
1 510.0	–3 496	–3 502	–3 508	–3 514	–3 520	–3 526	–3 532	–3 538	–3 544	–3 550
1 520.0	–3 556	–3 562	–3 568	–3 574	–3 580	–3 586	–3 592	–3 598	–3 604	–3 610
1 530.0	–3 616	–3 622	–3 628	–3 634	–3 640	–3 646	–3 652	–3 657	–3 663	–3 669
1 540.0	–3 675	–3 681	–3 687	–3 693	–3 699	–3 705	–3 711	–3 717	–3 723	–3 729
1 550.0	–3 734	–3 740	–3 746	–3 752	–3 758	–3 764	–3 770	–3 776	–3 782	–3 787
1 560.0	–3 793	–3 799	–3 805	–3 811	–3 817	–3 823	–3 828	–3 834	–3 840	–3 846
1 570.0	–3 852	–3 858	–3 863	–3 869	–3 875	–3 881	–3 887	–3 893	–3 898	–3 904
1 580.0	–3 910	–3 916	–3 922	–3 927	–3 933	–3 939	–3 945	–3 951	–3 956	–3 962
1 590.0	–3 968	–3 974	–3 980	–3 985	–3 991	–3 997	–4 003	–4 008	–4 014	–4 020
1 600.0	–4 026	–4 031	–4 037	–4 043	–4 049	–4 054	–4 060	–4 066	–4 072	–4 077
1 610.0	–4 083	–4 089	–4 094	–4 100	–4 106	–4 112	–4 117	–4 123	–4 129	–4 134
1 620.0	–4 140	–4 146	–4 151	–4 157	–4 163	–4 169	–4 174	–4 180	–4 186	–4 191
1 630.0	–4 197	–4 203	–4 208	–4 214	–4 219	–4 225	–4 231	–4 236	–4 242	–4 248
1 640.0	–4 253	–4 259	–4 265	–4 270	–4 276	–4 282	–4 287	–4 293	–4 298	–4 304
1 650.0	–4 310	–4 315	–4 321	–4 326	–4 332	–4 338	–4 343	–4 349	–4 354	–4 360
1 660.0	–4 366	–4 371	–4 377	–4 382	–4 388	–4 393	–4 399	–4 405	–4 410	–4 416
1 670.0	–4 421	–4 427	–4 432	–4 438	–4 443	–4 449	–4 454	–4 460	–4 466	–4 471
1 680.0	–4 477	–4 482	–4 488	–4 493	–4 499	–4 504	–4 510	–4 515	–4 521	–4 526
1 690.0	–4 532	–4 537	–4 543	–4 548	–4 554	–4 559	–4 565	–4 570	–4 576	–4 581
1 700.0	–4 587	–4 592	–4 598	–4 603	–4 609	–4 614	–4 619	–4 625	–4 630	–4 636
1 710.0	–4 641	–4 647	–4 652	–4 658	–4 663	–4 668	–4 674	–4 679	–4 685	–4 690
1 720.0	–4 696	–4 701	–4 706	–4 712	–4 717	–4 723	–4 728	–4 734	–4 739	–4 744
1 730.0	–4 750	–4 755	–4 761	–4 766	–4 771	–4 777	–4 782	–4 787	–4 793	–4 798
1 740.0	–4 804	–4 809	–4 814	–4 820	–4 825	–4 830	–4 836	–4 841	–4 846	–4 852
1 750.0	–4 857	–4 863	–4 868	–4 873	–4 879	–4 884	–4 889	–4 895	–4 900	–4 905
1 760.0	–4 911	–4 916	–4 921	–4 927	–4 932	–4 937	–4 942	–4 948	–4 953	–4 958
1 770.0	–4 964	–4 969	–4 974	–4 980	–4 985	–4 990	–4 995			

GEOPOTENTIAL ALTITUDE (FEET)

	Hectopascal fractions									
p (hPa)	0	1	2	3	4	5	6	7	8	9
1 200.0	–4 757	–4 781	–4 805	–4 829	–4 852	–4 876	–4 900	–4 923	–4 947	–4 971
1 210.0	–4 994	–5 018	–5 042	–5 065	–5 089	–5 113	–5 136	–5 160	–5 183	–5 207
1 220.0	–5 230	–5 254	–5 277	–5 301	–5 324	–5 348	–5 371	–5 394	–5 418	–5 441
1 230.0	–5 464	–5 488	–5 511	–5 534	–5 558	–5 581	–5 604	–5 627	–5 651	–5 674
1 240.0	–5 697	–5 720	–5 743	–5 767	–5 790	–5 813	–5 836	–5 859	–5 882	–5 905
1 250.0	–5 928	–5 951	–5 974	–5 997	–6 020	–6 043	–6 066	–6 089	–6 112	–6 135
1 260.0	–6 158	–6 181	–6 204	–6 227	–6 249	–6 272	–6 295	–6 318	–6 341	–6 363
1 270.0	–6 386	–6 409	–6 432	–6 454	–6 477	–6 500	–6 522	–6 545	–6 568	–6 590
1 280.0	–6 613	–6 635	–6 658	–6 681	–6 703	–6 726	–6 748	–6 771	–6 793	–6 816
1 290.0	–6 838	–6 861	–6 883	–6 905	–6 928	–6 950	–6 973	–6 995	–7 017	–7 040
1 300.0	–7 062	–7 084	–7 107	–7 129	–7 151	–7 173	–7 196	–7 218	–7 240	–7 262
1 310.0	–7 285	–7 307	–7 329	–7 351	–7 373	–7 395	–7 417	–7 440	–7 462	–7 484
1 320.0	–7 506	–7 528	–7 550	–7 572	–7 594	–7 616	–7 638	–7 660	–7 682	–7 704
1 330.0	–7 725	–7 747	–7 769	–7 791	–7 813	–7 835	–7 857	–7 879	–7 900	–7 922
1 340.0	–7 944	–7 966	–7 987	–8 009	–8 031	–8 053	–8 074	–8 096	–8 118	–8 139
1 350.0	–8 161	–8 183	–8 204	–8 226	–8 248	–8 269	–8 291	–8 312	–8 334	–8 355
1 360.0	–8 377	–8 398	–8 420	–8 441	–8 463	–8 484	–8 506	–8 527	–8 549	–8 570
1 370.0	–8 591	–8 613	–8 634	–8 656	–8 677	–8 698	–8 720	–8 741	–8 762	–8 783
1 380.0	–8 805	–8 826	–8 847	–8 868	–8 890	–8 911	–8 932	–8 953	–8 974	–8 996
1 390.0	–9 017	–9 038	–9 059	–9 080	–9 101	–9 122	–9 143	–9 164	–9 186	–9 207
1 400.0	–9 228	–9 249	–9 270	–9 291	–9 312	–9 333	–9 354	–9 374	–9 395	–9 416
1 410.0	–9 437	–9 458	–9 479	–9 500	–9 521	–9 542	–9 562	–9 583	–9 604	–9 625
1 420.0	–9 646	–9 666	–9 687	–9 708	–9 729	–9 749	–9 770	–9 791	–9 811	–9 832
1 430.0	–9 853	–9 873	–9 894	–9 915	–9 935	–9 956	–9 977	–9 997	–10 018	–10 038
1 440.0	–10 059	–10 079	–10 100	–10 120	–10 141	–10 161	–10 182	–10 202	–10 223	–10 243
1 450.0	–10 264	–10 284	–10 305	–10 325	–10 345	–10 366	–10 386	–10 406	–10 427	–10 447
1 460.0	–10 467	–10 488	–10 508	–10 528	–10 549	–10 569	–10 589	–10 609	–10 630	–10 650
1 470.0	–10 670	–10 690	–10 710	–10 731	–10 751	–10 771	–10 791	–10 811	–10 831	–10 851
1 480.0	–10 872	–10 892	–10 912	–10 932	–10 952	–10 972	–10 992	–11 012	–11 032	–11 052
1 490.0	–11 072	–11 092	–11 112	–11 132	–11 152	–11 172	–11 192	–11 212	–11 232	–11 251
1 500.0	–11 271	–11 291	–11 311	–11 331	–11 351	–11 371	–11 390	–11 410	–11 430	–11 450
1 510.0	–11 470	–11 489	–11 509	–11 529	–11 549	–11 568	–11 588	–11 608	–11 627	–11 647
1 520.0	–11 667	–11 686	–11 706	–11 726	–11 745	–11 765	–11 785	–11 804	–11 824	–11 843
1 530.0	–11 863	–11 882	–11 902	–11 922	–11 941	–11 961	–11 980	–12 000	–12 019	–12 039
1 540.0	–12 058	–12 077	–12 097	–12 116	–12 136	–12 155	–12 175	–12 194	–12 213	–12 233
1 550.0	–12 252	–12 271	–12 291	–12 310	–12 329	–12 349	–12 368	–12 387	–12 407	–12 426
1 560.0	–12 445	–12 464	–12 484	–12 503	–12 522	–12 541	–12 560	–12 580	–12 599	–12 618
1 570.0	–12 637	–12 656	–12 675	–12 695	–12 714	–12 733	–12 752	–12 771	–12 790	–12 809
1 580.0	–12 828	–12 847	–12 866	–12 885	–12 904	–12 923	–12 942	–12 961	–12 980	–12 999
1 590.0	–13 018	–13 037	–13 056	–13 075	–13 094	–13 113	–13 132	–13 151	–13 170	–13 189
1 600.0	–13 208	–13 226	–13 245	–13 264	–13 283	–13 302	–13 321	–13 339	–13 358	–13 377
1 610.0	–13 396	–13 414	–13 433	–13 452	–13 471	–13 489	–13 508	–13 527	–13 546	–13 564
1 620.0	–13 583	–13 602	–13 620	–13 639	–13 658	–13 676	–13 695	–13 713	–13 732	–13 751
1 630.0	–13 769	–13 788	–13 806	–13 825	–13 843	–13 862	–13 881	–13 899	–13 918	–13 936
1 640.0	–13 955	–13 973	–13 992	–14 010	–14 029	–14 047	–14 065	–14 084	–14 102	–14 121
1 650.0	–14 139	–14 157	–14 176	–14 194	–14 213	–14 231	–14 249	–14 268	–14 286	–14 304
1 660.0	–14 323	–14 341	–14 359	–14 378	–14 396	–14 414	–14 432	–14 451	–14 469	–14 487
1 670.0	–14 505	–14 524	–14 542	–14 560	–14 578	–14 596	–14 614	–14 633	–14 651	–14 669
1 680.0	–14 687	–14 705	–14 723	–14 741	–14 760	–14 778	–14 796	–14 814	–14 832	–14 850
1 690.0	–14 868	–14 886	–14 904	–14 922	–14 940	–14 958	–14 976	–14 994	–15 012	–15 030
1 700.0	–15 048	–15 066	–15 084	–15 102	–15 120	–15 138	–15 156	–15 174	–15 191	–15 209
1 710.0	–15 227	–15 245	–15 263	–15 281	–15 299	–15 317	–15 334	–15 352	–15 370	–15 388
1 720.0	–15 406	–15 423	–15 441	–15 459	–15 477	–15 494	–15 512	–15 530	–15 548	–15 565
1 730.0	–15 583	–15 601	–15 619	–15 636	–15 654	–15 672	–15 689	–15 707	–15 725	–15 742
1 740.0	–15 760	–15 777	–15 795	–15 813	–15 830	–15 848	–15 865	–15 883	–15 901	–15 918
1 750.0	–15 936	–15 953	–15 971	–15 988	–16 006	–16 023	–16 041	–16 058	–16 076	–16 093
1 760.0	–16 111	–16 128	–16 146	–16 163	–16 180	–16 198	–16 215	–16 233	–16 250	–16 268
1 770.0	–16 285	–16 302	–16 320	–16 337	–16 354	–16 372	–16 389	–16 406		

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