

# INTERNATIONAL STANDARD



# 2533

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

## Standard Atmosphere

(identical with the ICAO and WMO Standard Atmospheres from – 2 to 32 km)

*Atmosphère Type*

*(identique aux atmosphères standard de l'OACI et de l'OMM entre – 2 et 32 km)*

*Стандартная атмосфера*

*(от — 2 до 32 км идентична стандартным атмосферам ИКАО и ВМО)*

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## FOREWORD

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Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 2533 was drawn up by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, and circulated to the Member Bodies in April 1972. [The tables of the ISO Interim Standard Atmosphere (see page iii) were circulated separately to the Member Bodies in August 1972 as Addendum 1 and have now been incorporated in the present document.]

It has been approved by the Member Bodies of the following countries :

|                      |              |                        |
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| Austria*             | India*       | South Africa, Rep. of* |
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\* Also approved Addendum 1.

No Member Body has expressed disapproval of the document.

NOTE — The following International Organizations took part in the discussion of this International Standard at all stages of its development :

International Civil Aviation Organization (ICAO)  
World Meteorological Organization (WMO)

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The characteristics of the ISO Standard Atmosphere have been calculated as functions of geometric and geopotential altitudes for altitudes from – 2 000 to 50 000 m based on the standard atmospheres of ICAO 1964 and USA 1962, which for these altitudes were recognized as the most representative when comparing the current national and international standards and recommendations on the atmosphere [1-4], [6-7] with the results of recent research.

Data from this recent research have been used for calculation of the atmospheric characteristics for altitudes from 50 000 to 80 000 m, representing the ISO Interim Standard Atmosphere.

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# Standard Atmosphere

(identical with the ICAO and WMO Standard Atmospheres from – 2 to 32 km)

## 1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the characteristics of an ISO Standard Atmosphere and is intended for use in calculations and design of flying vehicles, to present the test results of flying vehicles and their components under identical conditions, and to allow unification in the field of 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 ISO 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 1 :

$g_n$  — standard acceleration of free fall. It conforms with latitude  $\varphi = 45^\circ 32' 33''$  using Lambert's equation of the acceleration of free fall as a function of latitude  $\varphi$  [5] :

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

$M$  — air molar mass at sea level, as obtained from the perfect gas law (2) when introducing the adopted values  $p_n, \rho_n, T_n, R^*$  (see table 1);

$N_A$  — Avogadro constant, based on the value of the nuclide  $^{12}\text{C}$ , 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;

$p_n$  — standard air pressure,

$R^*$  — universal gas constant;

$R$  — specific gas constant;

$S$  and  $\beta_s$  — Sutherland's empirical coefficients in the equation for dynamic viscosity;

$T_o$  — thermodynamic ice-point temperature, at mean sea level;

$T_n$  — standard thermodynamic air temperature at mean sea level;

$t_o$  — Celsius ice-point temperature at mean sea level;

$t_n$  — standard Celsius air temperature at mean sea level;

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

$\rho_n$  — standard air density,

$\sigma$  — effective collision diameter of an air molecule; taken as constant with altitude.

TABLE 1 — Main constants and characteristics adopted for the calculation of the ISO Standard Atmosphere

| Symbol    | Value                    | Unit of measurement                                                                                                                                        |
|-----------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $g_n$     | 9,806 65                 | $\text{m} \cdot \text{s}^{-2}$                                                                                                                             |
| $M$       | 28,964 420               | $\text{kg} \cdot \text{kmol}^{-1}$                                                                                                                         |
| $N_A$     | $602,257 \times 10^{24}$ | $\text{kmol}^{-1}$                                                                                                                                         |
| $p_n$     | $101,325 \times 10^3$    | Pa                                                                                                                                                         |
|           | $1,013\,250 \times 10^3$ | mbar                                                                                                                                                       |
|           | 760                      | mmHg                                                                                                                                                       |
| $R^*$     | 8 314,32                 | $\text{J} \cdot \text{K}^{-1} \cdot \text{kmol}^{-1}$<br>or<br>$\text{kg} \cdot \text{m}^2 \cdot \text{s}^{-2} \cdot \text{K}^{-1} \cdot \text{kmol}^{-1}$ |
| $R$       | 287,052 87               | $\text{J} \cdot \text{K}^{-1} \cdot \text{kg}^{-1}$<br>or<br>$\text{m}^2 \cdot \text{K}^{-1} \cdot \text{s}^{-2}$                                          |
| $S$       | 110,4                    | K                                                                                                                                                          |
| $T_o$     | 273,15                   | K                                                                                                                                                          |
| $T_n$     | 288,15                   | K                                                                                                                                                          |
| $t_o$     | 0,00                     | °C                                                                                                                                                         |
| $t_n$     | 15,00                    | °C                                                                                                                                                         |
| $\beta_s$ | $1,458 \times 10^{-6}$   | $\text{kg} \cdot \text{m}^{-1} \cdot \text{s}^{-1} \cdot \text{K}^{-1/2}$                                                                                  |
| $\kappa$  | 1,4                      | dimensionless                                                                                                                                              |
| $\rho_n$  | 1,225                    | $\text{kg} \cdot \text{m}^{-3}$                                                                                                                            |
| $\sigma$  | $0,365 \times 10^{-9}$   | m                                                                                                                                                          |

## 2.2 The equation of the static atmosphere 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 equation of the static atmosphere which relates air pressure  $p$ , density  $\rho$ , acceleration of free fall  $g$  and altitude  $h$  as follows :

$$-dp = \rho g dh \quad \dots (1)$$

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

$$p = \frac{\rho R^* T}{M} \quad \dots (2)$$

At the altitudes considered in this International Standard,

$\frac{R^*}{M} = \text{constant} = R$ , then

$$p = \rho RT \quad \dots (3)$$

## 2.3 Geopotential and geometric altitudes; acceleration of free fall

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

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

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

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  $\Phi_1$ , 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

$$d\Phi = g(h)dh \quad \dots (4)$$

hence

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

By dividing the geopotential  $\Phi$  by the standard acceleration of free fall  $g_n$ , one obtains the value of a length dimension which, symbolized as  $H$ , will be :

$$H = \frac{\Phi}{g_n} = \frac{1}{g_n} \int_0^h g(h)dh \quad \dots (6)$$

Expressed in metres, the value  $H$  is numerically equal to the geopotential altitude, which in meteorology is measured in so-called standard geopotential metres<sup>1)</sup>; 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.

From equation (6) it can be seen that, in order to relate geopotential and geometric altitudes, it is necessary first to find a relation between acceleration of free fall  $g$  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 of free fall 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 neglecting centrifugal acceleration and using only Newton's gravitation law. In this case :

$$g = g_n \left( \frac{r}{r+h} \right)^2 \quad \dots (7)$$

where  $r = 6\,356\,766$  m is the nominal earth's radius [5], for which acceleration of free fall and the vertical gradient of acceleration at mean sea level are very close to true values at the latitude  $45^\circ 32' 33''$ .

The values of  $g$  as calculated using the simplified equation (7) with  $g_n = 9,806\,65 \text{ m}\cdot\text{s}^{-2}$  for the altitude of 60 000 m does not differ by more than 0,001 % from the values calculated using the more accurate equation of [6].

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

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

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

## 2.4 Atmospheric composition and air molar mass

The earth's atmosphere is a mixture of gas, water vapour and a certain quantity of aerosol. Under certain conditions the quantity of water vapour, carbon dioxide, ozone and some

1) The standard geopotential metre (m') which is equal to  $9,806\,65 \text{ m}\cdot\text{s}^{-2}$  has been adopted by the World Meteorological Organization (see Technical Regulations, WMO, No 49, vol. I, ed 1971-Appendix C) and from the 1st July 1972 replaces the geopotential metre formerly in use. Its value was 1 gpm =  $9,8 \text{ m}\cdot\text{s}^{-2}$ .

other ingredients the contents of which in the atmosphere is not significant, may vary. The water vapour content undergoes the greatest variations; its concentration at the earth's surface may reach 4 % under high temperature conditions and abruptly diminishes when altitude increases and temperature decreases. Dry clean air composition up to altitudes of 90 to 95 km remains practically constant and corresponds to that given in table 2 [6].

The air molar mass is determined from the perfect gas law (2) using the adopted standard values of pressure  $p_n$ , density  $\rho_n$  and temperature  $T_n$  for mean sea level, as well as the universal gas constant  $R^*$ .

TABLE 2 – Dry clean air composition near sea level

| Gas                                  | Content of volume %          | Molar mass $M$ , kg·kmol <sup>-1</sup> |
|--------------------------------------|------------------------------|----------------------------------------|
| Nitrogen (N <sub>2</sub> )           | 78,084                       | 28,013 4                               |
| Oxygen (O <sub>2</sub> )             | 20,947 6                     | 31,998 8                               |
| Argon (Ar)                           | 0,934                        | 39,948                                 |
| Carbon dioxide (CO <sub>2</sub> )    | 0,031 4 *                    | 44,009 95                              |
| Neon (Ne)                            | $1,818 \times 10^{-3}$       | 20,183                                 |
| Helium (He)                          | $524,0 \times 10^{-6}$       | 4,002 6                                |
| Krypton (Kr)                         | $114,0 \times 10^{-6}$       | 83,80                                  |
| Xenon (Xe)                           | $8,7 \times 10^{-6}$         | 131,30                                 |
| Hydrogen (H <sub>2</sub> )           | $50,0 \times 10^{-6}$        | 2,015 94                               |
| Nitrogen monoxide (N <sub>2</sub> O) | $50,0 \times 10^{-6}$ *      | 44,012 8                               |
| Methane (CH <sub>4</sub> )           | $0,2 \times 10^{-3}$         | 16,043 03                              |
| Ozone (O <sub>3</sub> ) in summer    | up to $7,0 \times 10^{-6}$ * | 47,998 2                               |
| in winter                            | up to $2,0 \times 10^{-6}$ * | 47,998 2                               |
| Sulphur dioxide (SO <sub>2</sub> )   | up to $0,1 \times 10^{-3}$ * | 64,062 8                               |
| Nitrogen dioxide (NO <sub>2</sub> )  | up to $2,0 \times 10^{-6}$ * | 46,005 5                               |
| Iodine (I <sub>2</sub> )             | up to $1,0 \times 10^{-6}$ * | 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 (2).

## 2.5 Physical characteristics of the atmosphere at mean sea level

For the calculation of the ISO Standard Atmosphere the mean sea level is defined as zero altitude for which the initial characteristics  $g_n$ ,  $p_n$ ,  $\rho_n$  and  $T_n$  given in table 1 apply. The remaining characteristics have been calculated using the initial ones as a basis and are presented in table 3 :

- $a_n$  – speed of sound;
- $H_{pn}$  – pressure scale height;
- $l_n$  – mean free path of air particles;

- $n_n$  – air number density;
- $\bar{v}_n$  – mean air-particle speed;
- $\gamma_n$  – specific weight;
- $\nu_n$  – kinematic viscosity;
- $\lambda_n$  – thermal conductivity;
- $\mu_n$  – dynamic viscosity;
- $\omega_n$  – air-particle collision frequency.

TABLE 3 – Physical characteristics of the atmosphere at mean sea level

| Symbol      | Value                   | Unit of measurement                 |
|-------------|-------------------------|-------------------------------------|
| $a_n$       | 340,294                 | m s <sup>-1</sup>                   |
| $H_{pn}$    | 8 434,5                 | m                                   |
| $l_n$       | $66,328 \times 10^{-9}$ | m                                   |
| $n_n$       | $25,471 \times 10^{24}$ | m <sup>-3</sup>                     |
| $\bar{v}_n$ | 458,94                  | m · s <sup>-1</sup>                 |
| $\gamma_n$  | 12,013                  | N · m <sup>-3</sup>                 |
| $\nu_n$     | $14,607 \times 10^{-6}$ | m <sup>2</sup> · s <sup>-1</sup>    |
| $\lambda_n$ | $25,343 \times 10^{-3}$ | W m <sup>-1</sup> · K <sup>-1</sup> |
| $\mu_n$     | $17,894 \times 10^{-6}$ | Pa s                                |
| $\omega_n$  | $6,919 3 \times 10^9$   | s <sup>-1</sup>                     |

## 2.6 Temperature and vertical temperature gradient

Thermodynamic temperature for the melting point of ice under a pressure of 101 325,0 Pa is taken as  $T_0 = 273,15$  K. Thermodynamic temperature  $T$  (in kelvins, K) is :

$$T = T_0 + t \quad \dots (10)$$

where  $t$  is the Celsius temperature.

According to the temperature variations with altitude, the atmosphere is divided into several layers : the troposphere, the stratosphere, and the mesosphere.

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

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

where  $T_b$  and  $H_b$  are respectively the temperature and the geopotential altitude of the lower limit of the layer concerned and  $\beta$  is the vertical temperature gradient,  $\frac{dT}{dH}$ .

The values of temperature and its vertical gradients adopted for the ISO Standard Atmosphere are given in table 4.

TABLE 4 — Temperatures and vertical temperature gradients

| Geopotential altitude $H$ , km | Temperature $T$ , K | Temperature gradient $\beta$ , K·km <sup>-1</sup> |
|--------------------------------|---------------------|---------------------------------------------------|
| - 2,00                         | 301,15              | - 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              |                                                   |

## 2.7 Pressure

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

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

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

$$\text{and} \quad \ln p = \ln p_b - \frac{g_n}{RT} (H - H_b)$$

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

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  $\rho$  is calculated from the pressure and the temperature using the perfect gas law :

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

The specific weight  $\gamma$  is the weight per unit volume of air, that is :

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

## 2.9 Pressure scale height

Pressure scale height  $H_p$  is determined by the equation

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

## 2.10 Air number density

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

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

## 2.11 Mean air-particle speed

The mean air-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

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

## 2.12 Mean free path of air particles

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

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

## 2.13 Air-particle collision frequency

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

$$\omega = 4 \sigma^2 N_A \left( \frac{\pi}{R^* M} \right)^{1/2} \cdot \frac{p}{T^{1/2}} = 0,944\,407 \times 10^{-18} n \sqrt{RT} \quad \dots (20)$$

## 2.14 Speed of sound

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

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

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

This expression (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 ISO Standard Atmosphere.

### 2.15 Dynamic viscosity

The dynamic viscosity  $\mu$  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, however, constants derived from experiments :

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

In this equation  $\beta_s$  and  $S$  are Sutherland's empirical coefficients (see table 1).

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  $\nu$  is defined as the ratio of the air dynamic viscosity to the air density, i.e. :

$$\nu = \frac{\mu}{\rho} \quad \dots (23)$$

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

### 2.17 Thermal conductivity

The thermal conductivity  $\lambda$  is calculated from the following empirical formula :

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

where  $\lambda$  is expressed  $\text{W} \cdot \text{m}^{-1} \cdot \text{K}^{-1}$  and  $T$  in kelvins.

## 3 TABLES OF THE ISO STANDARD ATMOSPHERE

The following tables were calculated using the constants, coefficients and equations given in clause 2.

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 duplicating machines in order to reduce the possibility of errors to a minimum.

Data in the tables are given in SI units except in table 5 in which temperatures are given in Celsius degrees and pressures are given in millibars and millimetres of mercury.

NOTE — 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

TABLE 5 — Temperature ( $T$  and  $t$ ), Pressure ( $p$ ), Density ( $\rho$ ) and Acceleration of free fall ( $g$ )  
in terms of geometrical altitude ( $h$ ) and geopotential altitude ( $H$ )

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TABLEAU 5 — Température ( $T$  et  $t$ ), Pression ( $p$ ), Masse volumique ( $\rho$ ) et Accélération due à la pesanteur ( $g$ )  
en fonction de l'altitude géométrique ( $h$ ) et de l'altitude géopotentielle ( $H$ )

ТАБЛИЦА 5 — Температура ( $T$  и  $t$ ), давление ( $p$ ), плотность ( $\rho$ ) и ускорение свободного падения ( $g$ )  
в функции геометрической ( $h$ ) и геопотенциальной ( $H$ ) высот

Values in terms of geometrical altitude. Valeurs en fonction de l'altitude géométrique.

Значения величин в функции геометрической высоты.

| $h$ , m | $H$ , m | $T$ , K | $t$ , °C | $p$ , mbar | $p$ , mm Hg | $\rho$ , kg·m <sup>-3</sup> | $g$ , m·s <sup>-2</sup> |
|---------|---------|---------|----------|------------|-------------|-----------------------------|-------------------------|
| -2000   | -2001   | 301,154 | 28,004   | 1,27783 +3 | 9,58450 +2  | 1,47816 +0                  | 9,8128                  |
| -1950   | -1951   | 300,829 | 27,679   | 1,27059    | 9,53023     | 1,47138                     | 9,8127                  |
| -1900   | -1901   | 300,504 | 27,354   | 1,26339    | 9,47621     | 1,46462                     | 9,8125                  |
| -1850   | -1851   | 300,179 | 27,029   | 1,25622    | 9,42243     | 1,45789                     | 9,8124                  |
| -1800   | -1801   | 299,853 | 26,703   | 1,24908    | 9,36891     | 1,45118                     | 9,8122                  |
| -1750   | -1750   | 299,528 | 26,378   | 1,24198    | 9,31563     | 1,44449                     | 9,8121                  |
| -1700   | -1700   | 299,203 | 26,053   | 1,23491    | 9,26260     | 1,43783                     | 9,8119                  |
| -1650   | -1650   | 298,878 | 25,728   | 1,22787    | 9,20981     | 1,43119                     | 9,8117                  |
| -1600   | -1600   | 298,553 | 25,403   | 1,22087    | 9,15727     | 1,42458                     | 9,8116                  |
| -1550   | -1550   | 298,227 | 25,077   | 1,21390    | 9,10497     | 1,41799                     | 9,8114                  |
| -1500   | -1500   | 297,902 | 24,752   | 1,20696 +3 | 9,05292 +2  | 1,41142 +0                  | 9,8113                  |
| -1450   | -1450   | 297,577 | 24,427   | 1,20005    | 9,00111     | 1,40487                     | 9,8111                  |
| -1400   | -1400   | 297,252 | 24,102   | 1,19317    | 8,94953     | 1,39835                     | 9,8110                  |
| -1350   | -1350   | 296,927 | 23,777   | 1,18633    | 8,89820     | 1,39185                     | 9,8108                  |
| -1300   | -1300   | 296,602 | 23,452   | 1,17952    | 8,84711     | 1,38538                     | 9,8107                  |
| -1250   | -1250   | 296,277 | 23,127   | 1,17274    | 8,79626     | 1,37893                     | 9,8105                  |
| -1200   | -1200   | 295,951 | 22,801   | 1,16599    | 8,74564     | 1,37250                     | 9,8104                  |
| -1150   | -1150   | 295,626 | 22,476   | 1,15927    | 8,69526     | 1,36609                     | 9,8102                  |
| -1100   | -1100   | 295,301 | 22,151   | 1,15259    | 8,64512     | 1,35971                     | 9,8100                  |
| -1050   | -1050   | 294,976 | 21,826   | 1,14593    | 8,59521     | 1,35335                     | 9,8099                  |
| -1000   | -1000   | 294,651 | 21,501   | 1,13931 +3 | 8,54554 +2  | 1,34702 +0                  | 9,8097                  |
| -950    | -950    | 294,326 | 21,176   | 1,13272    | 8,49610     | 1,34070                     | 9,8096                  |
| -900    | -900    | 294,001 | 20,851   | 1,12616    | 8,44689     | 1,33441                     | 9,8094                  |
| -850    | -850    | 293,676 | 20,526   | 1,11963    | 8,39792     | 1,32814                     | 9,8093                  |
| -800    | -800    | 293,351 | 20,201   | 1,11313    | 8,34917     | 1,32190                     | 9,8091                  |
| -750    | -750    | 293,026 | 19,876   | 1,10666    | 8,30066     | 1,31567                     | 9,8090                  |
| -700    | -700    | 292,701 | 19,551   | 1,10023    | 8,25238     | 1,30947                     | 9,8088                  |
| -650    | -650    | 292,375 | 19,225   | 1,09382    | 8,20432     | 1,30330                     | 9,8087                  |
| -600    | -600    | 292,050 | 18,900   | 1,08744    | 8,15649     | 1,29714                     | 9,8085                  |
| -550    | -550    | 291,725 | 18,575   | 1,08110    | 8,10889     | 1,29101                     | 9,8083                  |
| -500    | -500    | 291,400 | 18,250   | 1,07478 +3 | 8,06151 +2  | 1,28490 +0                  | 9,8082                  |
| -450    | -450    | 291,075 | 17,925   | 1,06849    | 8,01436     | 1,27881                     | 9,8080                  |
| -400    | -400    | 290,750 | 17,600   | 1,06224    | 7,96744     | 1,27274                     | 9,8079                  |
| -350    | -350    | 290,425 | 17,275   | 1,05601    | 7,92073     | 1,26670                     | 9,8077                  |
| -300    | -300    | 290,100 | 16,950   | 1,04981    | 7,87425     | 1,26067                     | 9,8076                  |
| -250    | -250    | 289,775 | 16,625   | 1,04365    | 7,82799     | 1,25467                     | 9,8074                  |
| -200    | -200    | 289,450 | 16,300   | 1,03751    | 7,78196     | 1,24869                     | 9,8073                  |
| -150    | -150    | 289,125 | 15,975   | 1,03140    | 7,73614     | 1,24274                     | 9,8071                  |
| -100    | -100    | 288,800 | 15,650   | 1,02532    | 7,69054     | 1,23680                     | 9,8070                  |
| -50     | -50     | 288,475 | 15,325   | 1,01927    | 7,64516     | 1,23089                     | 9,8068                  |
| 0       | 0       | 288,150 | 15,000   | 1,01325 +3 | 7,60000 +2  | 1,22500 +0                  | 9,8066                  |
| 50      | 50      | 287,825 | 14,675   | 1,00726    | 7,55506     | 1,21913                     | 9,8065                  |
| 100     | 100     | 287,500 | 14,350   | 1,00129    | 7,51033     | 1,21328                     | 9,8063                  |
| 150     | 150     | 287,175 | 14,025   | 9,95360 +2 | 7,46581     | 1,20746                     | 9,8062                  |
| 200     | 200     | 286,850 | 13,700   | 9,89454    | 7,42152     | 1,20165                     | 9,8060                  |
| 250     | 250     | 286,525 | 13,375   | 9,83576    | 7,37743     | 1,19587                     | 9,8059                  |
| 300     | 300     | 286,200 | 13,050   | 9,77727    | 7,33356     | 1,19011                     | 9,8057                  |
| 350     | 350     | 285,875 | 12,725   | 9,71907    | 7,28990     | 1,18437                     | 9,8056                  |
| 400     | 400     | 285,550 | 12,400   | 9,66114    | 7,24645     | 1,17865                     | 9,8054                  |
| 450     | 450     | 285,225 | 12,075   | 9,60350    | 7,20321     | 1,17295                     | 9,8053                  |
| 500     | 500     | 284,900 | 11,750   | 9,54613 +2 | 7,16019 +2  | 1,16727 +0                  | 9,8051                  |
| 550     | 550     | 284,575 | 11,425   | 9,48904    | 7,11737     | 1,16162                     | 9,8050                  |
| 600     | 600     | 284,250 | 11,100   | 9,43223    | 7,07476     | 1,15598                     | 9,8048                  |
| 650     | 650     | 283,925 | 10,775   | 9,37570    | 7,03235     | 1,15037                     | 9,8046                  |
| 700     | 700     | 283,601 | 10,451   | 9,31944    | 6,99016     | 1,14478                     | 9,8045                  |
| 750     | 750     | 283,276 | 10,126   | 9,26346    | 6,94817     | 1,13921                     | 9,8043                  |
| 800     | 800     | 282,951 | 9,801    | 9,20775    | 6,90638     | 1,13366                     | 9,8042                  |
| 850     | 850     | 282,626 | 9,476    | 9,15231    | 6,86480     | 1,12813                     | 9,8040                  |
| 900     | 900     | 282,301 | 9,151    | 9,09715    | 6,82342     | 1,12261                     | 9,8039                  |
| 950     | 950     | 281,976 | 8,826    | 9,04225    | 6,78225     | 1,11711                     | 9,8037                  |

Values in terms of geopotential altitude. Valeurs en fonction de l'altitude géopotentielle.  
Значения величин в функции геопотенциальной высоты.

| <i>H</i> , m | <i>h</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | <i>ρ</i> , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-------------------------------|------------------------------|
| -2000        | -1999        | 301,150      | 28,000        | 1,27774 +3      | 9,58382 +2       | 1,47808 +0                    | 9,8128                       |
| -1950        | -1949        | 300,825      | 27,675        | 1,27051         | 9,52958          | 1,47130                       | 9,8127                       |
| -1900        | -1899        | 300,500      | 27,350        | 1,26331         | 9,47559          | 1,46455                       | 9,8125                       |
| -1850        | -1849        | 300,175      | 27,025        | 1,25614         | 9,42186          | 1,45782                       | 9,8124                       |
| -1800        | -1799        | 299,850      | 26,700        | 1,24901         | 9,36836          | 1,45111                       | 9,8122                       |
| -1750        | -1750        | 299,525      | 26,375        | 1,24191         | 9,31512          | 1,44443                       | 9,8121                       |
| -1700        | -1700        | 299,200      | 26,050        | 1,23485         | 9,26212          | 1,43777                       | 9,8119                       |
| -1650        | -1650        | 298,875      | 25,725        | 1,22781         | 9,20936          | 1,43114                       | 9,8117                       |
| -1600        | -1600        | 298,550      | 25,400        | 1,22081         | 9,15685          | 1,42452                       | 9,8116                       |
| -1550        | -1550        | 298,225      | 25,075        | 1,21384         | 9,10458          | 1,41794                       | 9,8114                       |
| -1500        | -1500        | 297,900      | 24,750        | 1,20691 +3      | 9,05255 +2       | 1,41137 +0                    | 9,8113                       |
| -1450        | -1450        | 297,575      | 24,425        | 1,20000         | 9,00076          | 1,40483                       | 9,8111                       |
| -1400        | -1400        | 297,250      | 24,100        | 1,19313         | 8,94922          | 1,39831                       | 9,8110                       |
| -1350        | -1350        | 296,925      | 23,775        | 1,18629         | 8,89791          | 1,39182                       | 9,8108                       |
| -1300        | -1300        | 296,600      | 23,450        | 1,17948         | 8,84684          | 1,38535                       | 9,8107                       |
| -1250        | -1250        | 296,275      | 23,125        | 1,17270         | 8,79601          | 1,37890                       | 9,8105                       |
| -1200        | -1200        | 295,950      | 22,800        | 1,16596         | 8,74541          | 1,37247                       | 9,8104                       |
| -1150        | -1150        | 295,625      | 22,475        | 1,15924         | 8,69505          | 1,36607                       | 9,8102                       |
| -1100        | -1100        | 295,300      | 22,150        | 1,15256         | 8,64493          | 1,35969                       | 9,8100                       |
| -1050        | -1050        | 294,975      | 21,825        | 1,14591         | 8,59504          | 1,35333                       | 9,8099                       |
| -1000        | -1000        | 294,650      | 21,500        | 1,13929 +3      | 8,54538 +2       | 1,34700 +0                    | 9,8097                       |
| -950         | -950         | 294,325      | 21,175        | 1,13270         | 8,49596          | 1,34068                       | 9,8096                       |
| -900         | -900         | 294,000      | 20,850        | 1,12614         | 8,44677          | 1,33439                       | 9,8094                       |
| -850         | -850         | 293,675      | 20,525        | 1,11961         | 8,39781          | 1,32813                       | 9,8093                       |
| -800         | -800         | 293,350      | 20,200        | 1,11312         | 8,34908          | 1,32188                       | 9,8091                       |
| -750         | -750         | 293,025      | 19,875        | 1,10665         | 8,30058          | 1,31566                       | 9,8090                       |
| -700         | -700         | 292,700      | 19,550        | 1,10022         | 8,25230          | 1,30946                       | 9,8088                       |
| -650         | -650         | 292,375      | 19,225        | 1,09381         | 8,20426          | 1,30329                       | 9,8087                       |
| -600         | -600         | 292,050      | 18,900        | 1,08744         | 8,15644          | 1,29713                       | 9,8085                       |
| -550         | -550         | 291,725      | 18,575        | 1,08109         | 8,10884          | 1,29100                       | 9,8083                       |
| -500         | -500         | 291,400      | 18,250        | 1,07477 +3      | 8,06148 +2       | 1,28489 +0                    | 9,8082                       |
| -450         | -450         | 291,075      | 17,925        | 1,06849         | 8,01433          | 1,27880                       | 9,8080                       |
| -400         | -400         | 290,750      | 17,600        | 1,06223         | 7,96741          | 1,27274                       | 9,8079                       |
| -350         | -350         | 290,425      | 17,275        | 1,05601         | 7,92072          | 1,26669                       | 9,8077                       |
| -300         | -300         | 290,100      | 16,950        | 1,04981         | 7,87424          | 1,26067                       | 9,8076                       |
| -250         | -250         | 289,775      | 16,625        | 1,04364         | 7,82798          | 1,25467                       | 9,8074                       |
| -200         | -200         | 289,450      | 16,300        | 1,03751         | 7,78195          | 1,24869                       | 9,8073                       |
| -150         | -150         | 289,125      | 15,975        | 1,03140         | 7,73613          | 1,24274                       | 9,8071                       |
| -100         | -100         | 288,800      | 15,650        | 1,02532         | 7,69054          | 1,23680                       | 9,8070                       |
| -50          | -50          | 288,475      | 15,325        | 1,01927         | 7,64516          | 1,23089                       | 9,8068                       |
| 0            | 0            | 288,150      | 15,000        | 1,01325 +3      | 7,60000 +2       | 1,22500 +0                    | 9,8066                       |
| 50           | 50           | 287,825      | 14,675        | 1,00726         | 7,55505          | 1,21913                       | 9,8065                       |
| 100          | 100          | 287,500      | 14,350        | 1,00129         | 7,51033          | 1,21328                       | 9,8063                       |
| 150          | 150          | 287,175      | 14,025        | 9,95359 +2      | 7,46581          | 1,20746                       | 9,8062                       |
| 200          | 200          | 286,850      | 13,700        | 9,89453         | 7,42151          | 1,20165                       | 9,8060                       |
| 250          | 250          | 286,525      | 13,375        | 9,83575         | 7,37742          | 1,19587                       | 9,8059                       |
| 300          | 300          | 286,200      | 13,050        | 9,77726         | 7,33355          | 1,19011                       | 9,8057                       |
| 350          | 350          | 285,875      | 12,725        | 9,71904         | 7,28988          | 1,18436                       | 9,8056                       |
| 400          | 400          | 285,550      | 12,400        | 9,66111         | 7,24643          | 1,17864                       | 9,8054                       |
| 450          | 450          | 285,225      | 12,075        | 9,60346         | 7,20319          | 1,17295                       | 9,8053                       |
| 500          | 500          | 284,900      | 11,750        | 9,54608 +2      | 7,16015 +2       | 1,16727 +0                    | 9,8051                       |
| 550          | 550          | 284,575      | 11,425        | 9,48899         | 7,11733          | 1,16161                       | 9,8050                       |
| 600          | 600          | 284,250      | 11,100        | 9,43217         | 7,07471          | 1,15598                       | 9,8048                       |
| 650          | 650          | 283,925      | 10,775        | 9,37562         | 7,03230          | 1,15036                       | 9,8046                       |
| 700          | 700          | 283,600      | 10,450        | 9,31936         | 6,99009          | 1,14477                       | 9,8045                       |
| 750          | 750          | 283,275      | 10,125        | 9,26336         | 6,94809          | 1,13919                       | 9,8043                       |
| 800          | 800          | 282,950      | 9,800         | 9,20764         | 6,90630          | 1,13364                       | 9,8042                       |
| 850          | 850          | 282,625      | 9,475         | 9,15219         | 6,86471          | 1,12811                       | 9,8040                       |
| 900          | 900          | 282,300      | 9,150         | 9,09701         | 6,82332          | 1,12260                       | 9,8039                       |
| 950          | 950          | 281,975      | 8,825         | 9,04210         | 6,78213          | 1,11711                       | 9,8037                       |

TABLE 5 (continued)

TABLEAU 5 (suite)

ТАБЛИЦА 5 (продолжение)

Values in terms of geometrical altitude. Valeurs en fonction de l'altitude géométrique.  
Значения величин в функции геометрической высоты.

| <i>h</i> , m | <i>H</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | <i>ρ</i> , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-------------------------------|------------------------------|
| 1000         | 1000         | 281,651      | 8,501         | 9,98763 +2      | 6,74128 +2       | 1,11166 +0                    | 9,8036                       |
| 1050         | 1050         | 281,326      | 8,176         | 9,93327         | 6,70050          | 1,10621                       | 9,8034                       |
| 1100         | 1100         | 281,001      | 7,851         | 8,87918         | 6,65993          | 1,10079                       | 9,8033                       |
| 1150         | 1150         | 280,676      | 7,526         | 8,82536         | 6,61956          | 1,09538                       | 9,8031                       |
| 1200         | 1200         | 280,351      | 7,201         | 8,77180         | 6,57939          | 1,08999                       | 9,8029                       |
| 1250         | 1250         | 280,027      | 6,877         | 8,71851         | 6,53942          | 1,08463                       | 9,8028                       |
| 1300         | 1300         | 279,702      | 6,552         | 8,66548         | 6,49964          | 1,07928                       | 9,8026                       |
| 1350         | 1350         | 279,377      | 6,227         | 8,61271         | 6,46006          | 1,07396                       | 9,8025                       |
| 1400         | 1400         | 279,052      | 5,902         | 8,56020         | 6,42068          | 1,06865                       | 9,8023                       |
| 1450         | 1450         | 278,727      | 5,577         | 8,50795         | 6,38149          | 1,06337                       | 9,8022                       |
| 1500         | 1500         | 278,402      | 5,252         | 8,45597 +2      | 6,34250 +2       | 1,05810 +0                    | 9,8020                       |
| 1550         | 1550         | 278,077      | 4,927         | 8,40424         | 6,30370          | 1,05286                       | 9,8019                       |
| 1600         | 1600         | 277,753      | 4,603         | 8,35277         | 6,26589          | 1,04764                       | 9,8017                       |
| 1650         | 1650         | 277,428      | 4,278         | 8,30155         | 6,22668          | 1,04243                       | 9,8016                       |
| 1700         | 1700         | 277,103      | 3,953         | 8,25059         | 6,18845          | 1,03725                       | 9,8014                       |
| 1750         | 1750         | 276,778      | 3,628         | 8,19989         | 6,15042          | 1,03208                       | 9,8013                       |
| 1800         | 1799         | 276,453      | 3,303         | 8,14943         | 6,11258          | 1,02694                       | 9,8011                       |
| 1850         | 1849         | 276,128      | 2,979         | 8,09923         | 6,07493          | 1,02181                       | 9,8009                       |
| 1900         | 1899         | 275,804      | 2,654         | 8,04929         | 6,03746          | 1,01671                       | 9,8008                       |
| 1950         | 1949         | 275,479      | 2,329         | 7,99959         | 6,00019          | 1,01162                       | 9,8006                       |
| 2000         | 1999         | 275,154      | 2,004         | 7,95014 +2      | 5,96310 +2       | 1,00655 +0                    | 9,8005                       |
| 2050         | 2049         | 274,829      | 1,679         | 7,90094         | 5,92619          | 1,00151                       | 9,8003                       |
| 2100         | 2099         | 274,505      | 1,355         | 7,85199         | 5,88948          | 9,96479 -1                    | 9,8002                       |
| 2150         | 2149         | 274,180      | 1,030         | 7,80329         | 5,85294          | 9,91471                       | 9,8000                       |
| 2200         | 2199         | 273,855      | 0,705         | 7,75483         | 5,81660          | 9,86483                       | 9,7999                       |
| 2250         | 2249         | 273,530      | 0,380         | 7,70661         | 5,78043          | 9,81513                       | 9,7997                       |
| 2300         | 2299         | 273,205      | 0,055         | 7,65864         | 5,74445          | 9,76563                       | 9,7996                       |
| 2350         | 2349         | 272,881      | -0,269        | 7,61091         | 5,70865          | 9,71632                       | 9,7994                       |
| 2400         | 2399         | 272,556      | -0,594        | 7,56342         | 5,67304          | 9,66721                       | 9,7992                       |
| 2450         | 2449         | 272,231      | -0,919        | 7,51618         | 5,63760          | 9,61828                       | 9,7991                       |
| 2500         | 2499         | 271,906      | -1,244        | 7,46917 +2      | 5,60234 +2       | 9,56954 -1                    | 9,7989                       |
| 2550         | 2549         | 271,582      | -1,568        | 7,42241         | 5,56726          | 9,52100                       | 9,7988                       |
| 2600         | 2599         | 271,257      | -1,893        | 7,37588         | 5,53236          | 9,47264                       | 9,7986                       |
| 2650         | 2649         | 270,932      | -2,218        | 7,32959         | 5,49764          | 9,42447                       | 9,7985                       |
| 2700         | 2699         | 270,607      | -2,543        | 7,28353         | 5,46310          | 9,37649                       | 9,7983                       |
| 2750         | 2749         | 270,283      | -2,867        | 7,23771         | 5,42873          | 9,32873                       | 9,7982                       |
| 2800         | 2799         | 269,958      | -3,192        | 7,19213         | 5,39454          | 9,28110                       | 9,7980                       |
| 2850         | 2849         | 269,633      | -3,517        | 7,14678         | 5,36052          | 9,23368                       | 9,7979                       |
| 2900         | 2899         | 269,309      | -3,841        | 7,10166         | 5,32668          | 9,18645                       | 9,7977                       |
| 2950         | 2949         | 268,984      | -4,166        | 7,05677         | 5,29301          | 9,13940                       | 9,7976                       |
| 3000         | 2999         | 268,659      | -4,491        | 7,01212 +2      | 5,25952 +2       | 9,09254 -1                    | 9,7974                       |
| 3050         | 3049         | 268,335      | -4,815        | 6,96769         | 5,22620          | 9,04587                       | 9,7972                       |
| 3100         | 3098         | 268,010      | -5,140        | 6,92349         | 5,19304          | 8,99938                       | 9,7971                       |
| 3150         | 3148         | 267,685      | -5,465        | 6,87952         | 5,16006          | 8,95307                       | 9,7969                       |
| 3200         | 3198         | 267,360      | -5,790        | 6,83578         | 5,12725          | 8,90694                       | 9,7968                       |
| 3250         | 3248         | 267,036      | -6,114        | 6,79226         | 5,09461          | 8,86100                       | 9,7966                       |
| 3300         | 3298         | 266,711      | -6,439        | 6,74897         | 5,06214          | 8,81524                       | 9,7965                       |
| 3350         | 3348         | 266,386      | -6,764        | 6,70590         | 5,02984          | 8,76967                       | 9,7963                       |
| 3400         | 3398         | 266,062      | -7,088        | 6,66306         | 4,99770          | 8,72427                       | 9,7962                       |
| 3450         | 3448         | 265,737      | -7,413        | 6,62044         | 4,96574          | 8,67905                       | 9,7960                       |
| 3500         | 3498         | 265,413      | -7,737        | 6,57804 +2      | 4,93393 +2       | 8,63402 -1                    | 9,7959                       |
| 3550         | 3548         | 265,088      | -8,062        | 6,53586         | 4,90230          | 8,58916                       | 9,7957                       |
| 3600         | 3598         | 264,763      | -8,387        | 6,49390         | 4,87083          | 8,54449                       | 9,7956                       |
| 3650         | 3648         | 264,439      | -8,711        | 6,45216         | 4,83952          | 8,49999                       | 9,7954                       |
| 3700         | 3698         | 264,114      | -9,036        | 6,41064         | 4,80837          | 8,45567                       | 9,7952                       |
| 3750         | 3748         | 263,789      | -9,361        | 6,36933         | 4,77739          | 8,41153                       | 9,7951                       |
| 3800         | 3798         | 263,465      | -9,685        | 6,32825         | 4,74658          | 8,36756                       | 9,7949                       |
| 3850         | 3848         | 263,140      | -10,010       | 6,28737         | 4,71592          | 8,32377                       | 9,7948                       |
| 3900         | 3898         | 262,816      | -10,334       | 6,24672         | 4,68542          | 8,28011                       | 9,7946                       |
| 3950         | 3948         | 262,491      | -10,659       | 6,20627         | 4,65509          | 8,23673                       | 9,7945                       |

Values in terms of geopotential altitude. Valeurs en fonction de l'altitude géopotentielle.  
Значения величин в функции геопотенциальной высоты.

| <i>H</i> , m | <i>h</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | <i>ρ</i> , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-------------------------------|------------------------------|
| 1000         | 1000         | 281,650      | 8,500         | 8,98746 +2      | 6,74115 +2       | 1,11164 +0                    | 9,8036                       |
| 1050         | 1050         | 281,325      | 8,175         | 8,93308         | 6,70036          | 1,10619                       | 9,8034                       |
| 1100         | 1100         | 281,000      | 7,850         | 8,87898         | 6,65978          | 1,10076                       | 9,8033                       |
| 1150         | 1150         | 280,675      | 7,525         | 8,82513         | 6,61940          | 1,09536                       | 9,8031                       |
| 1200         | 1200         | 280,350      | 7,200         | 8,77156         | 6,57921          | 1,08997                       | 9,8029                       |
| 1250         | 1250         | 280,025      | 6,875         | 8,71824         | 6,53922          | 1,08460                       | 9,8028                       |
| 1300         | 1300         | 279,700      | 6,550         | 8,66519         | 6,49943          | 1,07925                       | 9,8026                       |
| 1350         | 1350         | 279,375      | 6,225         | 8,61241         | 6,45984          | 1,07393                       | 9,8025                       |
| 1400         | 1400         | 279,050      | 5,900         | 8,55988         | 6,42044          | 1,06862                       | 9,8023                       |
| 1450         | 1450         | 278,725      | 5,575         | 8,50761         | 6,38123          | 1,06333                       | 9,8022                       |
| 1500         | 1500         | 278,400      | 5,250         | 8,45560 +2      | 6,34222 +2       | 1,05807 +0                    | 9,8020                       |
| 1550         | 1550         | 278,075      | 4,925         | 8,40385         | 6,30340          | 1,05282                       | 9,8019                       |
| 1600         | 1600         | 277,750      | 4,600         | 8,35235         | 6,26478          | 1,04759                       | 9,8017                       |
| 1650         | 1650         | 277,425      | 4,275         | 8,30111         | 6,22635          | 1,04239                       | 9,8016                       |
| 1700         | 1700         | 277,100      | 3,950         | 8,25013         | 6,18811          | 1,03720                       | 9,8014                       |
| 1750         | 1750         | 276,775      | 3,625         | 8,19940         | 6,15006          | 1,03203                       | 9,8013                       |
| 1800         | 1801         | 276,450      | 3,300         | 8,14892         | 6,11219          | 1,02688                       | 9,8011                       |
| 1850         | 1851         | 276,125      | 2,975         | 8,09870         | 6,07452          | 1,02176                       | 9,8009                       |
| 1900         | 1901         | 275,800      | 2,650         | 8,04872         | 6,03704          | 1,01665                       | 9,8008                       |
| 1950         | 1951         | 275,475      | 2,325         | 7,99900         | 5,99974          | 1,01156                       | 9,8006                       |
| 2000         | 2001         | 275,150      | 2,000         | 7,94952 +2      | 5,96263 +2       | 1,00649 +0                    | 9,8005                       |
| 2050         | 2051         | 274,825      | 1,675         | 7,90029         | 5,92571          | 1,00144                       | 9,8003                       |
| 2100         | 2101         | 274,500      | 1,350         | 7,85131         | 5,88897          | 9,96410 -1                    | 9,8002                       |
| 2150         | 2151         | 274,175      | 1,025         | 7,80258         | 5,85242          | 9,91399                       | 9,8000                       |
| 2200         | 2201         | 273,850      | 0,700         | 7,75409         | 5,81605          | 9,86407                       | 9,7999                       |
| 2250         | 2251         | 273,525      | 0,375         | 7,70584         | 5,77986          | 9,81434                       | 9,7997                       |
| 2300         | 2301         | 273,200      | 0,050         | 7,65784         | 5,74385          | 9,76481                       | 9,7996                       |
| 2350         | 2351         | 272,875      | - 0,275       | 7,61008         | 5,70803          | 9,71547                       | 9,7994                       |
| 2400         | 2401         | 272,550      | - 0,600       | 7,56257         | 5,67239          | 9,66632                       | 9,7992                       |
| 2450         | 2451         | 272,225      | - 0,925       | 7,51529         | 5,63693          | 9,61736                       | 9,7991                       |
| 2500         | 2501         | 271,900      | - 1,250       | 7,46825 +2      | 5,60165 +2       | 9,56859 -1                    | 9,7989                       |
| 2550         | 2551         | 271,575      | - 1,575       | 7,42145         | 5,56655          | 9,52001                       | 9,7988                       |
| 2600         | 2601         | 271,250      | - 1,900       | 7,37489         | 5,53162          | 9,47161                       | 9,7986                       |
| 2650         | 2651         | 270,925      | - 2,225       | 7,32857         | 5,49688          | 9,42341                       | 9,7985                       |
| 2700         | 2701         | 270,600      | - 2,550       | 7,28248         | 5,46231          | 9,37540                       | 9,7983                       |
| 2750         | 2751         | 270,275      | - 2,875       | 7,23663         | 5,42792          | 9,32757                       | 9,7982                       |
| 2800         | 2801         | 269,950      | - 3,200       | 7,19101         | 5,39370          | 9,27992                       | 9,7980                       |
| 2850         | 2851         | 269,625      | - 3,525       | 7,14562         | 5,35966          | 9,23247                       | 9,7979                       |
| 2900         | 2901         | 269,300      | - 3,850       | 7,10047         | 5,32579          | 9,18520                       | 9,7977                       |
| 2950         | 2951         | 268,975      | - 4,175       | 7,05555         | 5,29209          | 9,13812                       | 9,7976                       |
| 3000         | 3001         | 268,650      | - 4,500       | 7,01085 +2      | 5,25857 +2       | 9,09122 -1                    | 9,7974                       |
| 3050         | 3051         | 268,325      | - 4,825       | 6,96639         | 5,22522          | 9,04450                       | 9,7972                       |
| 3100         | 3102         | 268,000      | - 5,150       | 6,92216         | 5,19204          | 8,99797                       | 9,7971                       |
| 3150         | 3152         | 267,675      | - 5,475       | 6,87815         | 5,15904          | 8,95162                       | 9,7969                       |
| 3200         | 3202         | 267,350      | - 5,800       | 6,83437         | 5,12620          | 8,90546                       | 9,7968                       |
| 3250         | 3252         | 267,025      | - 6,125       | 6,79082         | 5,09353          | 8,85948                       | 9,7966                       |
| 3300         | 3302         | 266,700      | - 6,450       | 6,74749         | 5,06103          | 8,81368                       | 9,7965                       |
| 3350         | 3352         | 266,375      | - 6,775       | 6,70438         | 5,02870          | 8,76806                       | 9,7963                       |
| 3400         | 3402         | 266,050      | - 7,100       | 6,66150         | 4,99654          | 8,72262                       | 9,7962                       |
| 3450         | 3452         | 265,725      | - 7,425       | 6,61884         | 4,96454          | 8,67736                       | 9,7960                       |
| 3500         | 3502         | 265,400      | - 7,750       | 6,57641 +2      | 4,93271 +2       | 8,63229 -1                    | 9,7959                       |
| 3550         | 3552         | 265,075      | - 8,075       | 6,53419         | 4,90105          | 8,58739                       | 9,7957                       |
| 3600         | 3602         | 264,750      | - 8,400       | 6,49219         | 4,86955          | 8,54267                       | 9,7955                       |
| 3650         | 3652         | 264,425      | - 8,725       | 6,45041         | 4,83821          | 8,49813                       | 9,7954                       |
| 3700         | 3702         | 264,100      | - 9,050       | 6,40885         | 4,80704          | 8,45376                       | 9,7952                       |
| 3750         | 3752         | 263,775      | - 9,375       | 6,36751         | 4,77603          | 8,40958                       | 9,7951                       |
| 3800         | 3802         | 263,450      | - 9,700       | 6,32638         | 4,74518          | 8,36557                       | 9,7949                       |
| 3850         | 3852         | 263,125      | -10,025       | 6,28547         | 4,71449          | 8,32174                       | 9,7948                       |
| 3900         | 3902         | 262,800      | -10,350       | 6,24478         | 4,68397          | 8,27848                       | 9,7946                       |
| 3950         | 3952         | 262,475      | -10,675       | 6,20429         | 4,65360          | 8,23460                       | 9,7945                       |

TABLE 5 (continued)

TABLEAU 5 (suite)

ТАБЛИЦА 5 (продолжение)

Values in terms of geometrical altitude. Valeurs en fonction de l'altitude géométrique.  
Значения величин в функции геометрической высоты.

| $h$ , m | $H$ , m | $T$ , K | $t$ , °C | $p$ , mbar | $p$ , mm Hg | $\rho$ , kg·m <sup>-3</sup> | $g$ , m·s <sup>-2</sup> |
|---------|---------|---------|----------|------------|-------------|-----------------------------|-------------------------|
| 4000    | 3997    | 262,166 | -10,984  | 6,16604 +2 | 4,62491 +2  | 8,19347 -1                  | 9,7943                  |
| 4050    | 4047    | 261,842 | -11,308  | 6,12602    | 4,59490     | 8,15038                     | 9,7942                  |
| 4100    | 4097    | 261,517 | -11,633  | 6,08622    | 4,56504     | 8,10747                     | 9,7940                  |
| 4150    | 4147    | 261,193 | -11,957  | 6,04662    | 4,53534     | 8,06473                     | 9,7939                  |
| 4200    | 4197    | 260,868 | -12,282  | 6,00723    | 4,50579     | 8,02216                     | 9,7937                  |
| 4250    | 4247    | 260,543 | -12,607  | 5,96805    | 4,47641     | 7,97977                     | 9,7936                  |
| 4300    | 4297    | 260,219 | -12,931  | 5,92908    | 4,44718     | 7,93755                     | 9,7934                  |
| 4350    | 4347    | 259,894 | -13,256  | 5,89032    | 4,41810     | 7,89550                     | 9,7932                  |
| 4400    | 4397    | 259,570 | -13,580  | 5,85176    | 4,38918     | 7,85363                     | 9,7931                  |
| 4450    | 4447    | 259,245 | -13,905  | 5,81340    | 4,36041     | 7,81192                     | 9,7929                  |
| 4500    | 4497    | 258,921 | -14,229  | 5,77526 +2 | 4,33180 +2  | 7,77038 -1                  | 9,7928                  |
| 4550    | 4547    | 258,596 | -14,554  | 5,73731    | 4,30334     | 7,72902                     | 9,7926                  |
| 4600    | 4597    | 258,272 | -14,878  | 5,69957    | 4,27503     | 7,68782                     | 9,7925                  |
| 4650    | 4647    | 257,947 | -15,203  | 5,66203    | 4,24687     | 7,64679                     | 9,7923                  |
| 4700    | 4697    | 257,623 | -15,527  | 5,62469    | 4,21886     | 7,60593                     | 9,7922                  |
| 4750    | 4746    | 257,298 | -15,852  | 5,58755    | 4,19101     | 7,56524                     | 9,7920                  |
| 4800    | 4796    | 256,974 | -16,176  | 5,55061    | 4,16330     | 7,52472                     | 9,7919                  |
| 4850    | 4846    | 256,649 | -16,501  | 5,51387    | 4,13574     | 7,48436                     | 9,7917                  |
| 4900    | 4896    | 256,325 | -16,825  | 5,47732    | 4,10833     | 7,44417                     | 9,7915                  |
| 4950    | 4946    | 256,000 | -17,150  | 5,44098    | 4,08107     | 7,40415                     | 9,7914                  |
| 5000    | 4996    | 255,676 | -17,474  | 5,40483 +2 | 4,05395 +2  | 7,36429 -1                  | 9,7912                  |
| 5050    | 5046    | 255,351 | -17,799  | 5,36887    | 4,02698     | 7,32459                     | 9,7911                  |
| 5100    | 5096    | 255,027 | -18,123  | 5,33311    | 4,00016     | 7,28506                     | 9,7909                  |
| 5150    | 5146    | 254,702 | -18,448  | 5,29754    | 3,97348     | 7,24570                     | 9,7908                  |
| 5200    | 5196    | 254,378 | -18,772  | 5,26217    | 3,94695     | 7,20649                     | 9,7906                  |
| 5250    | 5246    | 254,053 | -19,097  | 5,22699    | 3,92056     | 7,16745                     | 9,7905                  |
| 5300    | 5296    | 253,729 | -19,421  | 5,19200    | 3,89432     | 7,12858                     | 9,7903                  |
| 5350    | 5346    | 253,404 | -19,746  | 5,15720    | 3,86822     | 7,08986                     | 9,7902                  |
| 5400    | 5395    | 253,080 | -20,070  | 5,12259    | 3,84225     | 7,05131                     | 9,7900                  |
| 5450    | 5445    | 252,755 | -20,395  | 5,08816    | 3,81644     | 7,01292                     | 9,7899                  |
| 5500    | 5495    | 252,431 | -20,719  | 5,05393 +2 | 3,79076 +2  | 6,97469 -1                  | 9,7897                  |
| 5550    | 5545    | 252,106 | -21,044  | 5,01988    | 3,76522     | 6,93662                     | 9,7895                  |
| 5600    | 5595    | 251,782 | -21,368  | 4,98602    | 3,73982     | 6,89871                     | 9,7894                  |
| 5650    | 5645    | 251,458 | -21,692  | 4,95235    | 3,71457     | 6,86095                     | 9,7892                  |
| 5700    | 5695    | 251,133 | -22,017  | 4,91886    | 3,68945     | 6,82336                     | 9,7891                  |
| 5750    | 5745    | 250,809 | -22,341  | 4,88555    | 3,66447     | 6,78593                     | 9,7889                  |
| 5800    | 5795    | 250,484 | -22,666  | 4,85243    | 3,63962     | 6,74865                     | 9,7888                  |
| 5850    | 5845    | 250,160 | -22,990  | 4,81949    | 3,61492     | 6,71153                     | 9,7886                  |
| 5900    | 5895    | 249,836 | -23,314  | 4,78673    | 3,59035     | 6,67457                     | 9,7885                  |
| 5950    | 5944    | 249,511 | -23,639  | 4,75416    | 3,56591     | 6,63776                     | 9,7883                  |
| 6000    | 5994    | 249,187 | -23,963  | 4,72176 +2 | 3,54161 +2  | 6,60111 -1                  | 9,7882                  |
| 6050    | 6044    | 248,862 | -24,288  | 4,68955    | 3,51745     | 6,56462                     | 9,7880                  |
| 6100    | 6094    | 248,538 | -24,612  | 4,65751    | 3,49342     | 6,52828                     | 9,7879                  |
| 6150    | 6144    | 248,214 | -24,936  | 4,62565    | 3,46952     | 6,49210                     | 9,7877                  |
| 6200    | 6194    | 247,889 | -25,261  | 4,59396    | 3,44576     | 6,45607                     | 9,7875                  |
| 6250    | 6244    | 247,565 | -25,585  | 4,56246    | 3,42212     | 6,42019                     | 9,7874                  |
| 6300    | 6294    | 247,241 | -25,909  | 4,53113    | 3,39863     | 6,38447                     | 9,7872                  |
| 6350    | 6344    | 246,916 | -26,234  | 4,49997    | 3,37526     | 6,34890                     | 9,7871                  |
| 6400    | 6394    | 246,592 | -26,558  | 4,46899    | 3,35202     | 6,31348                     | 9,7869                  |
| 6450    | 6443    | 246,267 | -26,883  | 4,43818    | 3,32891     | 6,27821                     | 9,7868                  |
| 6500    | 6493    | 245,943 | -27,207  | 4,40755 +2 | 3,30593 +2  | 6,24310 -1                  | 9,7866                  |
| 6550    | 6543    | 245,619 | -27,531  | 4,37708    | 3,28308     | 6,20813                     | 9,7865                  |
| 6600    | 6593    | 245,294 | -27,856  | 4,34679    | 3,26036     | 6,17332                     | 9,7863                  |
| 6650    | 6643    | 244,970 | -28,180  | 4,31667    | 3,23777     | 6,13866                     | 9,7862                  |
| 6700    | 6693    | 244,646 | -28,504  | 4,28672    | 3,21530     | 6,10415                     | 9,7860                  |
| 6750    | 6743    | 244,322 | -28,828  | 4,25693    | 3,19296     | 6,06978                     | 9,7859                  |
| 6800    | 6793    | 243,997 | -29,153  | 4,22732    | 3,17075     | 6,03557                     | 9,7857                  |
| 6850    | 6843    | 243,673 | -29,477  | 4,19787    | 3,14866     | 6,00150                     | 9,7855                  |
| 6900    | 6893    | 243,349 | -29,801  | 4,16859    | 3,12670     | 5,96758                     | 9,7854                  |
| 6950    | 6942    | 243,024 | -30,126  | 4,13947    | 3,10486     | 5,93391                     | 9,7852                  |

Values in terms of geopotential altitude. Valeurs en fonction de l'altitude géopotentielle.  
Значения величин в функции геопотенциальной высоты.

| $H, m$ | $h, m$ | $T, K$  | $t, ^\circ C$ | $p, mbar$  | $p, mm\ Hg$ | $\rho, kg \cdot m^{-3}$ | $g, m \cdot s^{-2}$ |
|--------|--------|---------|---------------|------------|-------------|-------------------------|---------------------|
| 4000   | 4003   | 262,150 | -11,000       | 6,16402 +2 | 4,62340 +2  | 8,19129 -1              | 9,7943              |
| 4050   | 4053   | 261,825 | -11,325       | 6,12396    | 4,59335     | 8,14816                 | 9,7942              |
| 4100   | 4103   | 261,500 | -11,650       | 6,08412    | 4,56346     | 8,10520                 | 9,7940              |
| 4150   | 4153   | 261,175 | -11,975       | 6,04448    | 4,53373     | 8,06242                 | 9,7938              |
| 4200   | 4203   | 260,850 | -12,300       | 6,00505    | 4,50416     | 8,01981                 | 9,7937              |
| 4250   | 4253   | 260,525 | -12,625       | 5,96583    | 4,47474     | 7,97737                 | 9,7935              |
| 4300   | 4303   | 260,200 | -12,950       | 5,92682    | 4,44548     | 7,93510                 | 9,7934              |
| 4350   | 4353   | 259,875 | -13,275       | 5,88801    | 4,41637     | 7,89300                 | 9,7932              |
| 4400   | 4403   | 259,550 | -13,600       | 5,84941    | 4,38742     | 7,85108                 | 9,7931              |
| 4450   | 4453   | 259,225 | -13,925       | 5,81102    | 4,35862     | 7,80933                 | 9,7929              |
| 4500   | 4503   | 258,900 | -14,250       | 5,77283 +2 | 4,32998 +2  | 7,76774 -1              | 9,7928              |
| 4550   | 4553   | 258,575 | -14,575       | 5,73484    | 4,30149     | 7,72633                 | 9,7926              |
| 4600   | 4603   | 258,250 | -14,900       | 5,69706    | 4,27315     | 7,68508                 | 9,7925              |
| 4650   | 4653   | 257,925 | -15,225       | 5,65948    | 4,24496     | 7,64401                 | 9,7923              |
| 4700   | 4703   | 257,600 | -15,550       | 5,62210    | 4,21692     | 7,60310                 | 9,7922              |
| 4750   | 4754   | 257,275 | -15,875       | 5,58492    | 4,18903     | 7,56236                 | 9,7920              |
| 4800   | 4804   | 256,950 | -16,200       | 5,54794    | 4,16129     | 7,52178                 | 9,7918              |
| 4850   | 4854   | 256,625 | -16,525       | 5,51115    | 4,13371     | 7,48138                 | 9,7917              |
| 4900   | 4904   | 256,300 | -16,850       | 5,47457    | 4,10626     | 7,44114                 | 9,7915              |
| 4950   | 4954   | 255,975 | -17,175       | 5,43818    | 4,07897     | 7,40106                 | 9,7914              |
| 5000   | 5004   | 255,650 | -17,500       | 5,40199 +2 | 4,05183 +2  | 7,36116 -1              | 9,7912              |
| 5050   | 5054   | 255,325 | -17,825       | 5,36599    | 4,02482     | 7,32141                 | 9,7911              |
| 5100   | 5104   | 255,000 | -18,150       | 5,33019    | 3,99797     | 7,28183                 | 9,7909              |
| 5150   | 5154   | 254,675 | -18,475       | 5,29458    | 3,97126     | 7,24242                 | 9,7908              |
| 5200   | 5204   | 254,350 | -18,800       | 5,25917    | 3,94470     | 7,20316                 | 9,7906              |
| 5250   | 5254   | 254,025 | -19,125       | 5,22394    | 3,91828     | 7,16407                 | 9,7905              |
| 5300   | 5304   | 253,700 | -19,450       | 5,18891    | 3,89200     | 7,12515                 | 9,7903              |
| 5350   | 5355   | 253,375 | -19,775       | 5,15407    | 3,86587     | 7,08638                 | 9,7901              |
| 5400   | 5405   | 253,050 | -20,100       | 5,11942    | 3,83988     | 7,04778                 | 9,7900              |
| 5450   | 5455   | 252,725 | -20,425       | 5,08495    | 3,81403     | 7,00934                 | 9,7898              |
| 5500   | 5505   | 252,400 | -20,750       | 5,05068 +2 | 3,78832 +2  | 6,97105 -1              | 9,7897              |
| 5550   | 5555   | 252,075 | -21,075       | 5,01659    | 3,76275     | 6,93293                 | 9,7895              |
| 5600   | 5605   | 251,750 | -21,400       | 4,98269    | 3,73732     | 6,89497                 | 9,7894              |
| 5650   | 5655   | 251,425 | -21,725       | 4,94897    | 3,71203     | 6,85717                 | 9,7892              |
| 5700   | 5705   | 251,100 | -22,050       | 4,91544    | 3,68688     | 6,81952                 | 9,7891              |
| 5750   | 5755   | 250,775 | -22,375       | 4,88210    | 3,66187     | 6,78204                 | 9,7889              |
| 5800   | 5805   | 250,450 | -22,700       | 4,84893    | 3,63700     | 6,74471                 | 9,7888              |
| 5850   | 5855   | 250,125 | -23,025       | 4,81595    | 3,61226     | 6,70754                 | 9,7886              |
| 5900   | 5905   | 249,800 | -23,350       | 4,78315    | 3,58766     | 6,67053                 | 9,7885              |
| 5950   | 5956   | 249,475 | -23,675       | 4,75054    | 3,56320     | 6,63367                 | 9,7883              |
| 6000   | 6006   | 249,150 | -24,000       | 4,71810 +2 | 3,53887 +2  | 6,59697 -1              | 9,7881              |
| 6050   | 6056   | 248,825 | -24,325       | 4,68584    | 3,51467     | 6,56042                 | 9,7880              |
| 6100   | 6106   | 248,500 | -24,650       | 4,65377    | 3,49061     | 6,52403                 | 9,7878              |
| 6150   | 6156   | 248,175 | -24,975       | 4,62186    | 3,46668     | 6,48780                 | 9,7877              |
| 6200   | 6206   | 247,850 | -25,300       | 4,59014    | 3,44289     | 6,45171                 | 9,7875              |
| 6250   | 6256   | 247,525 | -25,625       | 4,55859    | 3,41923     | 6,41579                 | 9,7874              |
| 6300   | 6306   | 247,200 | -25,950       | 4,52722    | 3,39570     | 6,38001                 | 9,7872              |
| 6350   | 6356   | 246,875 | -26,275       | 4,49603    | 3,37230     | 6,34439                 | 9,7871              |
| 6400   | 6406   | 246,550 | -26,600       | 4,46501    | 3,34903     | 6,30892                 | 9,7869              |
| 6450   | 6457   | 246,225 | -26,925       | 4,43416    | 3,32589     | 6,27360                 | 9,7868              |
| 6500   | 6507   | 245,900 | -27,250       | 4,40348 +2 | 3,30288 +2  | 6,23844 -1              | 9,7866              |
| 6550   | 6557   | 245,575 | -27,575       | 4,37298    | 3,28000     | 6,20342                 | 9,7865              |
| 6600   | 6607   | 245,250 | -27,900       | 4,34265    | 3,25725     | 6,16856                 | 9,7863              |
| 6650   | 6657   | 244,925 | -28,225       | 4,31249    | 3,23463     | 6,13384                 | 9,7861              |
| 6700   | 6707   | 244,600 | -28,550       | 4,28249    | 3,21214     | 6,09928                 | 9,7860              |
| 6750   | 6757   | 244,275 | -28,875       | 4,25267    | 3,18977     | 6,06486                 | 9,7858              |
| 6800   | 6807   | 243,950 | -29,200       | 4,22302    | 3,16752     | 6,03060                 | 9,7857              |
| 6850   | 6857   | 243,625 | -29,525       | 4,19353    | 3,14541     | 5,99648                 | 9,7855              |
| 6900   | 6907   | 243,300 | -29,850       | 4,16421    | 3,12342     | 5,96254                 | 9,7854              |
| 6950   | 6958   | 242,975 | -30,175       | 4,13506    | 3,10155     | 5,92868                 | 9,7852              |

TABLE 5 (continued)

TABLEAU 5 (suite)

ТАБЛИЦА 5 (продолжение)

Values in terms of geometrical altitude. Valeurs en fonction de l'altitude géométrique.

Значения величин в функции геометрической высоты.

| <i>h</i> , m | <i>H</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | <i>ρ</i> , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-------------------------------|------------------------------|
| 7000         | 6992         | 242,700      | -30,450       | 4,11053 +2      | 3,08315 +2       | 5,90018 -1                    | 9,7851                       |
| 7050         | 7042         | 242,376      | -30,774       | 4,08174         | 3,06156          | 5,86671                       | 9,7849                       |
| 7100         | 7092         | 242,051      | -31,099       | 4,05312         | 3,04009          | 5,83337                       | 9,7848                       |
| 7150         | 7142         | 241,727      | -31,423       | 4,02466         | 3,01875          | 5,80019                       | 9,7846                       |
| 7200         | 7192         | 241,403      | -31,747       | 3,99637         | 2,99752          | 5,76715                       | 9,7845                       |
| 7250         | 7242         | 241,079      | -32,071       | 3,96823         | 2,97642          | 5,73425                       | 9,7843                       |
| 7300         | 7292         | 240,754      | -32,396       | 3,94026         | 2,95544          | 5,70150                       | 9,7842                       |
| 7350         | 7342         | 240,430      | -32,720       | 3,91245         | 2,93458          | 5,66889                       | 9,7840                       |
| 7400         | 7391         | 240,106      | -33,044       | 3,88480         | 2,91384          | 5,63642                       | 9,7839                       |
| 7450         | 7441         | 239,782      | -33,368       | 3,85730         | 2,89322          | 5,60410                       | 9,7837                       |
| 7500         | 7491         | 239,457      | -33,693       | 3,82997 +2      | 2,87271 +2       | 5,57192 -1                    | 9,7836                       |
| 7550         | 7541         | 239,133      | -34,017       | 3,80279         | 2,85233          | 5,53988                       | 9,7834                       |
| 7600         | 7591         | 238,809      | -34,341       | 3,77577         | 2,83206          | 5,50798                       | 9,7832                       |
| 7650         | 7641         | 238,485      | -34,665       | 3,74890         | 2,81191          | 5,47623                       | 9,7831                       |
| 7700         | 7691         | 238,161      | -34,989       | 3,72219         | 2,79187          | 5,44462                       | 9,7829                       |
| 7750         | 7741         | 237,836      | -35,314       | 3,69564         | 2,77196          | 5,41314                       | 9,7828                       |
| 7800         | 7790         | 237,512      | -35,638       | 3,66924         | 2,75215          | 5,38181                       | 9,7826                       |
| 7850         | 7840         | 237,188      | -35,962       | 3,64299         | 2,73247          | 5,35061                       | 9,7825                       |
| 7900         | 7890         | 236,864      | -36,286       | 3,61690         | 2,71289          | 5,31956                       | 9,7823                       |
| 7950         | 7940         | 236,540      | -36,610       | 3,59095         | 2,69344          | 5,28864                       | 9,7822                       |
| 8000         | 7990         | 236,215      | -36,935       | 3,56516 +2      | 2,67409 +2       | 5,25786 -1                    | 9,7820                       |
| 8050         | 8040         | 235,891      | -37,259       | 3,53952         | 2,65486          | 5,22722                       | 9,7819                       |
| 8100         | 8090         | 235,567      | -37,583       | 3,51403         | 2,63574          | 5,19671                       | 9,7817                       |
| 8150         | 8140         | 235,243      | -37,907       | 3,48869         | 2,61673          | 5,16635                       | 9,7816                       |
| 8200         | 8189         | 234,919      | -38,231       | 3,46349         | 2,59783          | 5,13612                       | 9,7814                       |
| 8250         | 8239         | 234,595      | -38,555       | 3,43845         | 2,57905          | 5,10602                       | 9,7812                       |
| 8300         | 8289         | 234,270      | -38,880       | 3,41355         | 2,56037          | 5,07606                       | 9,7811                       |
| 8350         | 8339         | 233,946      | -39,204       | 3,38880         | 2,54181          | 5,04624                       | 9,7809                       |
| 8400         | 8389         | 233,622      | -39,528       | 3,36419         | 2,52335          | 5,01655                       | 9,7808                       |
| 8450         | 8439         | 233,298      | -39,852       | 3,33973         | 2,50500          | 4,98699                       | 9,7806                       |
| 8500         | 8489         | 232,974      | -40,176       | 3,31542 +2      | 2,48677 +2       | 4,95757 -1                    | 9,7805                       |
| 8550         | 8539         | 232,650      | -40,500       | 3,29124         | 2,46864          | 4,92829                       | 9,7803                       |
| 8600         | 8588         | 232,326      | -40,824       | 3,26722         | 2,45061          | 4,89913                       | 9,7802                       |
| 8650         | 8638         | 232,001      | -41,149       | 3,24333         | 2,43270          | 4,87011                       | 9,7800                       |
| 8700         | 8688         | 231,677      | -41,473       | 3,21959         | 2,41489          | 4,84122                       | 9,7799                       |
| 8750         | 8738         | 231,353      | -41,797       | 3,19598         | 2,39718          | 4,81246                       | 9,7797                       |
| 8800         | 8788         | 231,029      | -42,121       | 3,17252         | 2,37959          | 4,78383                       | 9,7796                       |
| 8850         | 8838         | 230,705      | -42,445       | 3,14920         | 2,36209          | 4,75534                       | 9,7794                       |
| 8900         | 8888         | 230,381      | -42,769       | 3,12602         | 2,34471          | 4,72697                       | 9,7792                       |
| 8950         | 8937         | 230,057      | -43,093       | 3,10297         | 2,32742          | 4,69874                       | 9,7791                       |
| 9000         | 8987         | 229,733      | -43,417       | 3,08007 +2      | 2,31024 +2       | 4,67063 -1                    | 9,7789                       |
| 9050         | 9037         | 229,409      | -43,741       | 3,05730         | 2,29316          | 4,64265                       | 9,7788                       |
| 9100         | 9087         | 229,085      | -44,065       | 3,03467         | 2,27619          | 4,61481                       | 9,7786                       |
| 9150         | 9137         | 228,760      | -44,390       | 3,01217         | 2,25932          | 4,58709                       | 9,7785                       |
| 9200         | 9187         | 228,436      | -44,714       | 2,98981         | 2,24254          | 4,55949                       | 9,7783                       |
| 9250         | 9237         | 228,112      | -45,038       | 2,96759         | 2,22587          | 4,53203                       | 9,7782                       |
| 9300         | 9286         | 227,788      | -45,362       | 2,94550         | 2,20930          | 4,50469                       | 9,7780                       |
| 9350         | 9336         | 227,464      | -45,686       | 2,92354         | 2,19284          | 4,47748                       | 9,7779                       |
| 9400         | 9386         | 227,140      | -46,010       | 2,90172         | 2,17647          | 4,45040                       | 9,7777                       |
| 9450         | 9436         | 226,816      | -46,334       | 2,88003         | 2,16020          | 4,42344                       | 9,7776                       |
| 9500         | 9486         | 226,492      | -46,658       | 2,85847 +2      | 2,14403 +2       | 4,39661 -1                    | 9,7774                       |
| 9550         | 9536         | 226,168      | -46,982       | 2,83704         | 2,12795          | 4,36990                       | 9,7773                       |
| 9600         | 9586         | 225,844      | -47,306       | 2,81574         | 2,11198          | 4,34332                       | 9,7771                       |
| 9650         | 9635         | 225,520      | -47,630       | 2,79457         | 2,09610          | 4,31686                       | 9,7769                       |
| 9700         | 9685         | 225,196      | -47,954       | 2,77353         | 2,08032          | 4,29053                       | 9,7768                       |
| 9750         | 9735         | 224,872      | -48,278       | 2,75262         | 2,06464          | 4,26432                       | 9,7766                       |
| 9800         | 9785         | 224,548      | -48,602       | 2,73184         | 2,04905          | 4,23823                       | 9,7765                       |
| 9850         | 9835         | 224,224      | -48,926       | 2,71119         | 2,03356          | 4,21227                       | 9,7763                       |
| 9900         | 9885         | 223,900      | -49,250       | 2,69066         | 2,01816          | 4,18642                       | 9,7762                       |
| 9950         | 9934         | 223,576      | -49,574       | 2,67026         | 2,00286          | 4,16070                       | 9,7760                       |

Values in terms of geopotential altitude. Valeurs en fonction de l'altitude géopotentielle.

Значения величин в функции геопотенциальной высоты.

| <i>H</i> , m | <i>h</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | $\rho$ , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-----------------------------|------------------------------|
| 7000         | 7008         | 242,650      | -30,500       | 4,10607 +2      | 3,07981 +2       | 5,89501 -1                  | 9,7851                       |
| 7050         | 7058         | 242,325      | -30,825       | 4,07725         | 3,05819          | 5,86148                     | 9,7849                       |
| 7100         | 7108         | 242,000      | -31,150       | 4,04859         | 3,03669          | 5,82809                     | 9,7848                       |
| 7150         | 7158         | 241,675      | -31,475       | 4,02009         | 3,01532          | 5,79486                     | 9,7846                       |
| 7200         | 7208         | 241,350      | -31,800       | 3,99176         | 2,99407          | 5,76176                     | 9,7844                       |
| 7250         | 7258         | 241,025      | -32,125       | 3,96359         | 2,97294          | 5,72882                     | 9,7843                       |
| 7300         | 7308         | 240,700      | -32,450       | 3,93558         | 2,95193          | 5,69601                     | 9,7841                       |
| 7350         | 7359         | 240,375      | -32,775       | 3,90773         | 2,93104          | 5,66335                     | 9,7840                       |
| 7400         | 7409         | 240,050      | -33,100       | 3,88004         | 2,91027          | 5,63084                     | 9,7838                       |
| 7450         | 7459         | 239,725      | -33,425       | 3,85251         | 2,88962          | 5,59846                     | 9,7837                       |
| 7500         | 7509         | 239,400      | -33,750       | 3,82514 +2      | 2,86909 +2       | 5,56623 -1                  | 9,7835                       |
| 7550         | 7559         | 239,075      | -34,075       | 3,79792         | 2,84868          | 5,53414                     | 9,7834                       |
| 7600         | 7609         | 238,750      | -34,400       | 3,77087         | 2,82838          | 5,50220                     | 9,7832                       |
| 7650         | 7659         | 238,425      | -34,725       | 3,74397         | 2,80821          | 5,47039                     | 9,7831                       |
| 7700         | 7709         | 238,100      | -35,050       | 3,71722         | 2,78815          | 5,43873                     | 9,7829                       |
| 7750         | 7759         | 237,775      | -35,375       | 3,69063         | 2,76820          | 5,40720                     | 9,7828                       |
| 7800         | 7810         | 237,450      | -35,700       | 3,66420         | 2,74837          | 5,37582                     | 9,7826                       |
| 7850         | 7860         | 237,125      | -36,025       | 3,63791         | 2,72866          | 5,34457                     | 9,7824                       |
| 7900         | 7910         | 236,800      | -36,350       | 3,61178         | 2,70906          | 5,31347                     | 9,7823                       |
| 7950         | 7960         | 236,475      | -36,675       | 3,58581         | 2,68957          | 5,28250                     | 9,7821                       |
| 8000         | 8010         | 236,150      | -37,000       | 3,55998 +2      | 2,67020 +2       | 5,25167 -1                  | 9,7820                       |
| 8050         | 8060         | 235,825      | -37,325       | 3,53430         | 2,65095          | 5,22098                     | 9,7818                       |
| 8100         | 8110         | 235,500      | -37,650       | 3,50878         | 2,63180          | 5,19043                     | 9,7817                       |
| 8150         | 8160         | 235,175      | -37,975       | 3,48340         | 2,61277          | 5,16001                     | 9,7815                       |
| 8200         | 8211         | 234,850      | -38,300       | 3,45818         | 2,59385          | 5,12973                     | 9,7814                       |
| 8250         | 8261         | 234,525      | -38,625       | 3,43310         | 2,57503          | 5,09959                     | 9,7812                       |
| 8300         | 8311         | 234,200      | -38,950       | 3,40817         | 2,55633          | 5,06954                     | 9,7811                       |
| 8350         | 8361         | 233,875      | -39,275       | 3,38338         | 2,53774          | 5,03971                     | 9,7809                       |
| 8400         | 8411         | 233,550      | -39,600       | 3,35874         | 2,51926          | 5,00997                     | 9,7807                       |
| 8450         | 8461         | 233,225      | -39,925       | 3,33425         | 2,50089          | 4,98036                     | 9,7806                       |
| 8500         | 8511         | 232,900      | -40,250       | 3,30990 +2      | 2,48263 +2       | 4,95089 -1                  | 9,7804                       |
| 8550         | 8562         | 232,575      | -40,575       | 3,28570         | 2,46448          | 4,92156                     | 9,7803                       |
| 8600         | 8612         | 232,250      | -40,900       | 3,26164         | 2,44643          | 4,89236                     | 9,7801                       |
| 8650         | 8662         | 231,925      | -41,225       | 3,23772         | 2,42849          | 4,86329                     | 9,7800                       |
| 8700         | 8712         | 231,600      | -41,550       | 3,21395         | 2,41066          | 4,83435                     | 9,7798                       |
| 8750         | 8762         | 231,275      | -41,875       | 3,19031         | 2,39293          | 4,80554                     | 9,7797                       |
| 8800         | 8812         | 230,950      | -42,200       | 3,16682         | 2,37531          | 4,77687                     | 9,7795                       |
| 8850         | 8862         | 230,625      | -42,525       | 3,14347         | 2,35779          | 4,74832                     | 9,7794                       |
| 8900         | 8912         | 230,300      | -42,850       | 3,12025         | 2,34038          | 4,71991                     | 9,7792                       |
| 8950         | 8963         | 229,975      | -43,175       | 3,09718         | 2,32308          | 4,69163                     | 9,7791                       |
| 9000         | 9013         | 229,650      | -43,500       | 3,07424 +2      | 2,30587 +2       | 4,66348 -1                  | 9,7789                       |
| 9050         | 9063         | 229,325      | -43,825       | 3,05145         | 2,28877          | 4,63545                     | 9,7787                       |
| 9100         | 9113         | 229,000      | -44,150       | 3,02879         | 2,27178          | 4,60756                     | 9,7786                       |
| 9150         | 9163         | 228,675      | -44,475       | 3,00626         | 2,25488          | 4,57980                     | 9,7784                       |
| 9200         | 9213         | 228,350      | -44,800       | 2,98387         | 2,23809          | 4,55216                     | 9,7783                       |
| 9250         | 9263         | 228,025      | -45,125       | 2,96162         | 2,22140          | 4,52465                     | 9,7781                       |
| 9300         | 9314         | 227,700      | -45,450       | 2,93950         | 2,20481          | 4,49727                     | 9,7780                       |
| 9350         | 9364         | 227,375      | -45,775       | 2,91752         | 2,18832          | 4,47001                     | 9,7778                       |
| 9400         | 9414         | 227,050      | -46,100       | 2,89566         | 2,17193          | 4,44288                     | 9,7777                       |
| 9450         | 9464         | 226,725      | -46,425       | 2,87395         | 2,15564          | 4,41588                     | 9,7775                       |
| 9500         | 9514         | 226,400      | -46,750       | 2,85236 +2      | 2,13945 +2       | 4,38900 -1                  | 9,7774                       |
| 9550         | 9564         | 226,075      | -47,075       | 2,83090         | 2,12335          | 4,36225                     | 9,7772                       |
| 9600         | 9615         | 225,750      | -47,400       | 2,80958         | 2,10736          | 4,33563                     | 9,7771                       |
| 9650         | 9665         | 225,425      | -47,725       | 2,78839         | 2,09146          | 4,30912                     | 9,7769                       |
| 9700         | 9715         | 225,100      | -48,050       | 2,76732         | 2,07566          | 4,28275                     | 9,7767                       |
| 9750         | 9765         | 224,775      | -48,375       | 2,74639         | 2,05996          | 4,25649                     | 9,7766                       |
| 9800         | 9815         | 224,450      | -48,700       | 2,72558         | 2,04435          | 4,23036                     | 9,7764                       |
| 9850         | 9865         | 224,125      | -49,025       | 2,70490         | 2,02884          | 4,20435                     | 9,7763                       |
| 9900         | 9915         | 223,800      | -49,350       | 2,68435         | 2,01343          | 4,17840                     | 9,7761                       |
| 9950         | 9966         | 223,475      | -49,675       | 2,66392         | 1,99811          | 4,15270                     | 9,7760                       |

TABLE 5 (continued)

TABLEAU 5 (suite)

ТАБЛИЦА 5 (продолжение)

Values in terms of geometrical altitude. Valeurs en fonction de l'altitude géométrique.

Значения величин в функции геометрической высоты.

| <i>h</i> , m | <i>H</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | <i>ρ</i> , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-------------------------------|------------------------------|
| 10000        | 9984         | 223,252      | -49,898       | 2,64999 +2      | 1,98765 +2       | 4,13510 -1                    | 9,7759                       |
| 10050        | 10034        | 222,928      | -50,222       | 2,62984         | 1,97254          | 4,10962                       | 9,7757                       |
| 10100        | 10084        | 222,604      | -50,546       | 2,60981         | 1,95752          | 4,08427                       | 9,7756                       |
| 10150        | 10134        | 222,280      | -50,870       | 2,58991         | 1,94259          | 4,05903                       | 9,7754                       |
| 10200        | 10184        | 221,956      | -51,194       | 2,57013         | 1,92776          | 4,03391                       | 9,7753                       |
| 10250        | 10233        | 221,632      | -51,518       | 2,55048         | 1,91302          | 4,00891                       | 9,7751                       |
| 10300        | 10283        | 221,308      | -51,842       | 2,53095         | 1,89837          | 3,98404                       | 9,7749                       |
| 10350        | 10333        | 220,984      | -52,166       | 2,51153         | 1,88381          | 3,95928                       | 9,7748                       |
| 10400        | 10383        | 220,660      | -52,490       | 2,49225         | 1,86934          | 3,93463                       | 9,7746                       |
| 10450        | 10433        | 220,336      | -52,814       | 2,47308         | 1,85496          | 3,91011                       | 9,7745                       |
| 10500        | 10483        | 220,013      | -53,137       | 2,45402 +2      | 1,84067 +2       | 3,88570 -1                    | 9,7743                       |
| 10550        | 10533        | 219,689      | -53,461       | 2,43510         | 1,82647          | 3,86141                       | 9,7742                       |
| 10600        | 10582        | 219,365      | -53,785       | 2,41628         | 1,81236          | 3,83724                       | 9,7740                       |
| 10650        | 10632        | 219,041      | -54,109       | 2,39759         | 1,79834          | 3,81319                       | 9,7739                       |
| 10700        | 10682        | 218,717      | -54,433       | 2,37901         | 1,78441          | 3,78924                       | 9,7737                       |
| 10750        | 10732        | 218,393      | -54,757       | 2,36055         | 1,77056          | 3,76542                       | 9,7736                       |
| 10800        | 10782        | 218,069      | -55,081       | 2,34221         | 1,75680          | 3,74171                       | 9,7734                       |
| 10850        | 10832        | 217,745      | -55,405       | 2,32398         | 1,74313          | 3,71812                       | 9,7733                       |
| 10900        | 10881        | 217,421      | -55,729       | 2,30587         | 1,72955          | 3,69463                       | 9,7731                       |
| 10950        | 10931        | 217,097      | -56,053       | 2,28788         | 1,71605          | 3,67127                       | 9,7730                       |
| 11000        | 10981        | 216,774      | -56,376       | 2,26999 +2      | 1,70264 +2       | 3,64801 -1                    | 9,7728                       |
| 11050        | 11031        | 216,650      | -56,500       | 2,25223         | 1,68931          | 3,62152                       | 9,7726                       |
| 11100        | 11081        | 216,650      | -56,500       | 2,23460         | 1,67609          | 3,59318                       | 9,7725                       |
| 11150        | 11130        | 216,650      | -56,500       | 2,21711         | 1,66297          | 3,56506                       | 9,7723                       |
| 11200        | 11180        | 216,650      | -56,500       | 2,19976         | 1,64995          | 3,53716                       | 9,7722                       |
| 11250        | 11230        | 216,650      | -56,500       | 2,18255         | 1,63704          | 3,50948                       | 9,7720                       |
| 11300        | 11280        | 216,650      | -56,500       | 2,16547         | 1,62423          | 3,48201                       | 9,7719                       |
| 11350        | 11330        | 216,650      | -56,500       | 2,14852         | 1,61152          | 3,45477                       | 9,7717                       |
| 11400        | 11380        | 216,650      | -56,500       | 2,13171         | 1,59891          | 3,42773                       | 9,7716                       |
| 11450        | 11429        | 216,650      | -56,500       | 2,11502         | 1,58640          | 3,40091                       | 9,7714                       |
| 11500        | 11479        | 216,650      | -56,500       | 2,09847 +2      | 1,57398 +2       | 3,37429 -1                    | 9,7713                       |
| 11550        | 11529        | 216,650      | -56,500       | 2,08205         | 1,56167          | 3,34789                       | 9,7711                       |
| 11600        | 11579        | 216,650      | -56,500       | 2,06576         | 1,54945          | 3,32169                       | 9,7710                       |
| 11650        | 11629        | 216,650      | -56,500       | 2,04960         | 1,53732          | 3,29570                       | 9,7708                       |
| 11700        | 11679        | 216,650      | -56,500       | 2,03356         | 1,52529          | 3,26991                       | 9,7706                       |
| 11750        | 11728        | 216,650      | -56,500       | 2,01765         | 1,51336          | 3,24433                       | 9,7705                       |
| 11800        | 11778        | 216,650      | -56,500       | 2,00186         | 1,50152          | 3,21894                       | 9,7703                       |
| 11850        | 11828        | 216,650      | -56,500       | 1,98620         | 1,48977          | 3,19375                       | 9,7702                       |
| 11900        | 11878        | 216,650      | -56,500       | 1,97066         | 1,47811          | 3,16877                       | 9,7700                       |
| 11950        | 11928        | 216,650      | -56,500       | 1,95524         | 1,46655          | 3,14397                       | 9,7699                       |
| 12000        | 11977        | 216,650      | -56,500       | 1,93994 +2      | 1,45507 +2       | 3,11937 -1                    | 9,7697                       |
| 12050        | 12027        | 216,650      | -56,500       | 1,92476         | 1,44369          | 3,09497                       | 9,7696                       |
| 12100        | 12077        | 216,650      | -56,500       | 1,90970         | 1,43239          | 3,07075                       | 9,7694                       |
| 12150        | 12127        | 216,650      | -56,500       | 1,89476         | 1,42119          | 3,04673                       | 9,7693                       |
| 12200        | 12177        | 216,650      | -56,500       | 1,87994         | 1,41007          | 3,02289                       | 9,7691                       |
| 12250        | 12226        | 216,650      | -56,500       | 1,86523         | 1,39904          | 2,99924                       | 9,7690                       |
| 12300        | 12276        | 216,650      | -56,500       | 1,85064         | 1,38809          | 2,97578                       | 9,7688                       |
| 12350        | 12326        | 216,650      | -56,500       | 1,83616         | 1,37723          | 2,95250                       | 9,7687                       |
| 12400        | 12376        | 216,650      | -56,500       | 1,82180         | 1,36646          | 2,92940                       | 9,7685                       |
| 12450        | 12426        | 216,650      | -56,500       | 1,80754         | 1,35577          | 2,90649                       | 9,7683                       |
| 12500        | 12475        | 216,650      | -56,500       | 1,79340 +2      | 1,34516 +2       | 2,88375 -1                    | 9,7682                       |
| 12550        | 12525        | 216,650      | -56,500       | 1,77937         | 1,33464          | 2,86119                       | 9,7680                       |
| 12600        | 12575        | 216,650      | -56,500       | 1,76546         | 1,32420          | 2,83881                       | 9,7679                       |
| 12650        | 12625        | 216,650      | -56,500       | 1,75165         | 1,31384          | 2,81660                       | 9,7677                       |
| 12700        | 12675        | 216,650      | -56,500       | 1,73794         | 1,30356          | 2,79457                       | 9,7676                       |
| 12750        | 12724        | 216,650      | -56,500       | 1,72435         | 1,29337          | 2,77271                       | 9,7674                       |
| 12800        | 12774        | 216,650      | -56,500       | 1,71086         | 1,28325          | 2,75102                       | 9,7673                       |
| 12850        | 12824        | 216,650      | -56,500       | 1,69748         | 1,27321          | 2,72950                       | 9,7671                       |
| 12900        | 12874        | 216,650      | -56,500       | 1,68420         | 1,26325          | 2,70815                       | 9,7670                       |
| 12950        | 12924        | 216,650      | -56,500       | 1,67103         | 1,25337          | 2,68697                       | 9,7668                       |

Values in terms of geopotential altitude. Valeurs en fonction de l'altitude géopotentielle.  
Значения величин в функции геопотенциальной высоты.

| $H, m$ | $h, m$ | $T, K$  | $t, ^\circ C$ | $p, mbar$  | $p, mm\ Hg$ | $\rho, kg \cdot m^{-3}$ | $g, m \cdot s^{-2}$ |
|--------|--------|---------|---------------|------------|-------------|-------------------------|---------------------|
| 10000  | 10016  | 223,150 | -50,000       | 2,64362 +2 | 1,98288 +2  | 4,12706 -1              | 9,7758              |
| 10050  | 10066  | 222,825 | -50,325       | 2,62345    | 1,96775     | 4,10154                 | 9,7757              |
| 10100  | 10116  | 222,500 | -50,650       | 2,60340    | 1,95271     | 4,07614                 | 9,7755              |
| 10150  | 10166  | 222,175 | -50,975       | 2,58348    | 1,93777     | 4,05086                 | 9,7754              |
| 10200  | 10216  | 221,850 | -51,300       | 2,56368    | 1,92292     | 4,02570                 | 9,7752              |
| 10250  | 10267  | 221,525 | -51,625       | 2,54400    | 1,90816     | 4,00066                 | 9,7750              |
| 10300  | 10317  | 221,200 | -51,950       | 2,52444    | 1,89349     | 3,97575                 | 9,7749              |
| 10350  | 10367  | 220,875 | -52,275       | 2,50501    | 1,87891     | 3,95094                 | 9,7747              |
| 10400  | 10417  | 220,550 | -52,600       | 2,48570    | 1,86443     | 3,92626                 | 9,7746              |
| 10450  | 10467  | 220,225 | -52,925       | 2,46651    | 1,85003     | 3,90170                 | 9,7744              |
| 10500  | 10517  | 219,900 | -53,250       | 2,44743 +2 | 1,83573 +2  | 3,87725 -1              | 9,7743              |
| 10550  | 10568  | 219,575 | -53,575       | 2,42848    | 1,82151     | 3,85292                 | 9,7741              |
| 10600  | 10618  | 219,250 | -53,900       | 2,40965    | 1,80739     | 3,82871                 | 9,7740              |
| 10650  | 10668  | 218,925 | -54,225       | 2,39094    | 1,79335     | 3,80461                 | 9,7738              |
| 10700  | 10718  | 218,600 | -54,550       | 2,37234    | 1,77940     | 3,78063                 | 9,7737              |
| 10750  | 10768  | 218,275 | -54,875       | 2,35386    | 1,76554     | 3,75677                 | 9,7735              |
| 10800  | 10818  | 217,950 | -55,200       | 2,33550    | 1,75177     | 3,73302                 | 9,7734              |
| 10850  | 10869  | 217,625 | -55,525       | 2,31725    | 1,73808     | 3,70939                 | 9,7732              |
| 10900  | 10919  | 217,300 | -55,850       | 2,29912    | 1,72448     | 3,68587                 | 9,7730              |
| 10950  | 10969  | 216,975 | -56,175       | 2,28110    | 1,71097     | 3,66247                 | 9,7729              |
| 11000  | 11019  | 216,650 | -56,500       | 2,26320 +2 | 1,69754 +2  | 3,63918 -1              | 9,7727              |
| 11050  | 11069  | 216,650 | -56,500       | 2,24543    | 1,68421     | 3,61059                 | 9,7726              |
| 11100  | 11119  | 216,650 | -56,500       | 2,22779    | 1,67098     | 3,58223                 | 9,7724              |
| 11150  | 11170  | 216,650 | -56,500       | 2,21030    | 1,65786     | 3,55410                 | 9,7723              |
| 11200  | 11220  | 216,650 | -56,500       | 2,19294    | 1,64484     | 3,52619                 | 9,7721              |
| 11250  | 11270  | 216,650 | -56,500       | 2,17571    | 1,63192     | 3,49850                 | 9,7720              |
| 11300  | 11320  | 216,650 | -56,500       | 2,15863    | 1,61910     | 3,47102                 | 9,7718              |
| 11350  | 11370  | 216,650 | -56,500       | 2,14168    | 1,60639     | 3,44376                 | 9,7717              |
| 11400  | 11420  | 216,650 | -56,500       | 2,12486    | 1,59377     | 3,41672                 | 9,7715              |
| 11450  | 11471  | 216,650 | -56,500       | 2,10817    | 1,58126     | 3,38988                 | 9,7714              |
| 11500  | 11521  | 216,650 | -56,500       | 2,09161 +2 | 1,56884 +2  | 3,36326 -1              | 9,7712              |
| 11550  | 11571  | 216,650 | -56,500       | 2,07519    | 1,55652     | 3,33685                 | 9,7710              |
| 11600  | 11621  | 216,650 | -56,500       | 2,05889    | 1,54429     | 3,31064                 | 9,7709              |
| 11650  | 11671  | 216,650 | -56,500       | 2,04272    | 1,53217     | 3,28464                 | 9,7707              |
| 11700  | 11722  | 216,650 | -56,500       | 2,02668    | 1,52013     | 3,25885                 | 9,7706              |
| 11750  | 11772  | 216,650 | -56,500       | 2,01076    | 1,50819     | 3,23325                 | 9,7704              |
| 11800  | 11822  | 216,650 | -56,500       | 1,99497    | 1,49635     | 3,20786                 | 9,7703              |
| 11850  | 11872  | 216,650 | -56,500       | 1,97930    | 1,48460     | 3,18267                 | 9,7701              |
| 11900  | 11922  | 216,650 | -56,500       | 1,96376    | 1,47294     | 3,15767                 | 9,7700              |
| 11950  | 11973  | 216,650 | -56,500       | 1,94834    | 1,46137     | 3,13288                 | 9,7698              |
| 12000  | 12023  | 216,650 | -56,500       | 1,93303 +2 | 1,44990 +2  | 3,10827 -1              | 9,7697              |
| 12050  | 12073  | 216,650 | -56,500       | 1,91785    | 1,43851     | 3,08386                 | 9,7695              |
| 12100  | 12123  | 216,650 | -56,500       | 1,90279    | 1,42721     | 3,05964                 | 9,7694              |
| 12150  | 12173  | 216,650 | -56,500       | 1,88785    | 1,41600     | 3,03561                 | 9,7692              |
| 12200  | 12223  | 216,650 | -56,500       | 1,87302    | 1,40488     | 3,01177                 | 9,7690              |
| 12250  | 12274  | 216,650 | -56,500       | 1,85831    | 1,39385     | 2,98812                 | 9,7689              |
| 12300  | 12324  | 216,650 | -56,500       | 1,84372    | 1,38290     | 2,96465                 | 9,7687              |
| 12350  | 12374  | 216,650 | -56,500       | 1,82924    | 1,37204     | 2,94137                 | 9,7686              |
| 12400  | 12424  | 216,650 | -56,500       | 1,81487    | 1,36127     | 2,91827                 | 9,7684              |
| 12450  | 12474  | 216,650 | -56,500       | 1,80062    | 1,35058     | 2,89535                 | 9,7683              |
| 12500  | 12525  | 216,650 | -56,500       | 1,78648 +2 | 1,33997 +2  | 2,87262 -1              | 9,7681              |
| 12550  | 12575  | 216,650 | -56,500       | 1,77245    | 1,32945     | 2,85006                 | 9,7680              |
| 12600  | 12625  | 216,650 | -56,500       | 1,75853    | 1,31901     | 2,82767                 | 9,7678              |
| 12650  | 12675  | 216,650 | -56,500       | 1,74472    | 1,30865     | 2,80547                 | 9,7677              |
| 12700  | 12725  | 216,650 | -56,500       | 1,73102    | 1,29837     | 2,78343                 | 9,7675              |
| 12750  | 12776  | 216,650 | -56,500       | 1,71742    | 1,28817     | 2,76157                 | 9,7674              |
| 12800  | 12826  | 216,650 | -56,500       | 1,70394    | 1,27806     | 2,73989                 | 9,7672              |
| 12850  | 12876  | 216,650 | -56,500       | 1,69055    | 1,26802     | 2,71837                 | 9,7670              |
| 12900  | 12926  | 216,650 | -56,500       | 1,67728    | 1,25806     | 2,69700                 | 9,7669              |
| 12950  | 12976  | 216,650 | -56,500       | 1,66410    | 1,24818     | 2,67584                 | 9,7667              |

TABLE 5 (continued)

TABLEAU 5 (suite)

ТАБЛИЦА 5 (продолжение)

Values in terms of geometrical altitude. Valeurs en fonction de l'altitude géométrique.

Значения величин в функции геометрической высоты.

| $h$ , m | $H$ , m | $T$ , K | $t$ , °C | $p$ , mbar | $p$ , mm Hg | $\rho$ , kg·m <sup>-3</sup> | $g$ , m·s <sup>-2</sup> |
|---------|---------|---------|----------|------------|-------------|-----------------------------|-------------------------|
| 13000   | 12973   | 216,650 | -56,500  | 1,65796 +2 | 1,24357 +2  | 2,66595 -1                  | 9,7667                  |
| 13050   | 13023   | 216,650 | -56,500  | 1,64499    | 1,23384     | 2,64510                     | 9,7665                  |
| 13100   | 13073   | 216,650 | -56,500  | 1,63212    | 1,22419     | 2,62442                     | 9,7664                  |
| 13150   | 13123   | 216,650 | -56,500  | 1,61936    | 1,21462     | 2,60389                     | 9,7662                  |
| 13200   | 13173   | 216,650 | -56,500  | 1,60669    | 1,20512     | 2,58352                     | 9,7660                  |
| 13250   | 13222   | 216,650 | -56,500  | 1,59413    | 1,19569     | 2,56332                     | 9,7659                  |
| 13300   | 13272   | 216,650 | -56,500  | 1,58166    | 1,18634     | 2,54327                     | 9,7657                  |
| 13350   | 13322   | 216,650 | -56,500  | 1,56929    | 1,17706     | 2,52338                     | 9,7656                  |
| 13400   | 13372   | 216,650 | -56,500  | 1,55702    | 1,16786     | 2,50365                     | 9,7654                  |
| 13450   | 13422   | 216,650 | -56,500  | 1,54484    | 1,15873     | 2,48407                     | 9,7653                  |
| 13500   | 13471   | 216,650 | -56,500  | 1,53276 +2 | 1,14966 +2  | 2,46464 -1                  | 9,7651                  |
| 13550   | 13521   | 216,650 | -56,500  | 1,52077    | 1,14067     | 2,44537                     | 9,7650                  |
| 13600   | 13571   | 216,650 | -56,500  | 1,50888    | 1,13175     | 2,42624                     | 9,7648                  |
| 13650   | 13621   | 216,650 | -56,500  | 1,49708    | 1,12290     | 2,40727                     | 9,7647                  |
| 13700   | 13671   | 216,650 | -56,500  | 1,48537    | 1,11412     | 2,38845                     | 9,7645                  |
| 13750   | 13720   | 216,650 | -56,500  | 1,47376    | 1,10541     | 2,36977                     | 9,7644                  |
| 13800   | 13770   | 216,650 | -56,500  | 1,46223    | 1,09677     | 2,35124                     | 9,7642                  |
| 13850   | 13820   | 216,650 | -56,500  | 1,45080    | 1,08819     | 2,33285                     | 9,7641                  |
| 13900   | 13870   | 216,650 | -56,500  | 1,43946    | 1,07968     | 2,31461                     | 9,7639                  |
| 13950   | 13919   | 216,650 | -56,500  | 1,42820    | 1,07124     | 2,29651                     | 9,7637                  |
| 14000   | 13969   | 216,650 | -56,500  | 1,41703 +2 | 1,06286 +2  | 2,27855 -1                  | 9,7636                  |
| 14050   | 14019   | 216,650 | -56,500  | 1,40595    | 1,05455     | 2,26074                     | 9,7634                  |
| 14100   | 14069   | 216,650 | -56,500  | 1,39496    | 1,04631     | 2,24306                     | 9,7633                  |
| 14150   | 14119   | 216,650 | -56,500  | 1,38405    | 1,03812     | 2,22552                     | 9,7631                  |
| 14200   | 14168   | 216,650 | -56,500  | 1,37323    | 1,03001     | 2,20812                     | 9,7630                  |
| 14250   | 14218   | 216,650 | -56,500  | 1,36250    | 1,02196     | 2,19086                     | 9,7628                  |
| 14300   | 14268   | 216,650 | -56,500  | 1,35184    | 1,01397     | 2,17373                     | 9,7627                  |
| 14350   | 14318   | 216,650 | -56,500  | 1,34127    | 1,00604     | 2,15674                     | 9,7625                  |
| 14400   | 14367   | 216,650 | -56,500  | 1,33079    | 9,98173 +1  | 2,13987                     | 9,7624                  |
| 14450   | 14417   | 216,650 | -56,500  | 1,32038    | 9,90369     | 2,12314                     | 9,7622                  |
| 14500   | 14467   | 216,650 | -56,500  | 1,31006 +2 | 9,82627 +1  | 2,10654 -1                  | 9,7621                  |
| 14550   | 14517   | 216,650 | -56,500  | 1,29982    | 9,74945     | 2,09008                     | 9,7619                  |
| 14600   | 14567   | 216,650 | -56,500  | 1,28966    | 9,67323     | 2,07374                     | 9,7618                  |
| 14650   | 14616   | 216,650 | -56,500  | 1,27958    | 9,59761     | 2,05753                     | 9,7616                  |
| 14700   | 14666   | 216,650 | -56,500  | 1,26957    | 9,52258     | 2,04144                     | 9,7615                  |
| 14750   | 14716   | 216,650 | -56,500  | 1,25965    | 9,44814     | 2,02548                     | 9,7613                  |
| 14800   | 14766   | 216,650 | -56,500  | 1,24980    | 9,37428     | 2,00965                     | 9,7611                  |
| 14850   | 14815   | 216,650 | -56,500  | 1,24003    | 9,30100     | 1,99394                     | 9,7610                  |
| 14900   | 14865   | 216,650 | -56,500  | 1,23034    | 9,22829     | 1,97835                     | 9,7608                  |
| 14950   | 14915   | 216,650 | -56,500  | 1,22072    | 9,15616     | 1,96289                     | 9,7607                  |
| 15000   | 14965   | 216,650 | -56,500  | 1,21118 +2 | 9,08459 +1  | 1,94755 -1                  | 9,7605                  |
| 15050   | 15014   | 216,650 | -56,500  | 1,20171    | 9,01358     | 1,93232                     | 9,7604                  |
| 15100   | 15064   | 216,650 | -56,500  | 1,19232    | 8,94312     | 1,91722                     | 9,7602                  |
| 15150   | 15114   | 216,650 | -56,500  | 1,18300    | 8,87322     | 1,90223                     | 9,7601                  |
| 15200   | 15164   | 216,650 | -56,500  | 1,17375    | 8,80387     | 1,88736                     | 9,7599                  |
| 15250   | 15214   | 216,650 | -56,500  | 1,16458    | 8,73505     | 1,87261                     | 9,7598                  |
| 15300   | 15263   | 216,650 | -56,500  | 1,15548    | 8,66678     | 1,85798                     | 9,7596                  |
| 15350   | 15313   | 216,650 | -56,500  | 1,14644    | 8,59904     | 1,84345                     | 9,7595                  |
| 15400   | 15363   | 216,650 | -56,500  | 1,13748    | 8,53184     | 1,82905                     | 9,7593                  |
| 15450   | 15413   | 216,650 | -56,500  | 1,12859    | 8,46515     | 1,81475                     | 9,7592                  |
| 15500   | 15462   | 216,650 | -56,500  | 1,11977 +2 | 8,39900 +1  | 1,80057 -1                  | 9,7590                  |
| 15550   | 15512   | 216,650 | -56,500  | 1,11102    | 8,33335     | 1,78650                     | 9,7588                  |
| 15600   | 15562   | 216,650 | -56,500  | 1,10234    | 8,26823     | 1,77253                     | 9,7587                  |
| 15650   | 15612   | 216,650 | -56,500  | 1,09372    | 8,20361     | 1,75868                     | 9,7585                  |
| 15700   | 15661   | 216,650 | -56,500  | 1,08518    | 8,13950     | 1,74494                     | 9,7584                  |
| 15750   | 15711   | 216,650 | -56,500  | 1,07670    | 8,07589     | 1,73130                     | 9,7582                  |
| 15800   | 15761   | 216,650 | -56,500  | 1,06828    | 8,01278     | 1,71777                     | 9,7581                  |
| 15850   | 15811   | 216,650 | -56,500  | 1,05993    | 7,95016     | 1,70435                     | 9,7579                  |
| 15900   | 15860   | 216,650 | -56,500  | 1,05165    | 7,88804     | 1,69107                     | 9,7578                  |
| 15950   | 15910   | 216,650 | -56,500  | 1,04343    | 7,82639     | 1,67792                     | 9,7576                  |

Values in terms of geopotential altitude. Valeurs en fonction de l'altitude géopotentielle.  
Значения величин в функции геопотенциальной высоты.

| $H, m$ | $h, m$ | $T, K$  | $t, ^\circ C$ | $p, mbar$  | $p, mm\ Hg$ | $\rho, kg \cdot m^{-3}$ | $g, m \cdot s^{-2}$ |
|--------|--------|---------|---------------|------------|-------------|-------------------------|---------------------|
| 13000  | 13027  | 216,650 | -56,500       | 1,65104 +2 | 1,23838 +2  | 2,65482 -1              | 9,7666              |
| 13050  | 13077  | 216,650 | -56,500       | 1,63807    | 1,22865     | 2,63398                 | 9,7664              |
| 13100  | 13127  | 216,650 | -56,500       | 1,62520    | 1,21900     | 2,61329                 | 9,7663              |
| 13150  | 13177  | 216,650 | -56,500       | 1,61244    | 1,20943     | 2,59277                 | 9,7661              |
| 13200  | 13227  | 216,650 | -56,500       | 1,59978    | 1,19993     | 2,57240                 | 9,7660              |
| 13250  | 13278  | 216,650 | -56,500       | 1,58721    | 1,19051     | 2,55220                 | 9,7658              |
| 13300  | 13328  | 216,650 | -56,500       | 1,57475    | 1,18116     | 2,53216                 | 9,7657              |
| 13350  | 13378  | 216,650 | -56,500       | 1,56238    | 1,17188     | 2,51227                 | 9,7655              |
| 13400  | 13428  | 216,650 | -56,500       | 1,55011    | 1,16268     | 2,49254                 | 9,7653              |
| 13450  | 13479  | 216,650 | -56,500       | 1,53794    | 1,15355     | 2,47297                 | 9,7652              |
| 13500  | 13529  | 216,650 | -56,500       | 1,52586 +2 | 1,14449 +2  | 2,45355 -1              | 9,7650              |
| 13550  | 13579  | 216,650 | -56,500       | 1,51388    | 1,13550     | 2,43428                 | 9,7649              |
| 13600  | 13629  | 216,650 | -56,500       | 1,50199    | 1,12658     | 2,41516                 | 9,7647              |
| 13650  | 13679  | 216,650 | -56,500       | 1,49019    | 1,11774     | 2,39619                 | 9,7646              |
| 13700  | 13730  | 216,650 | -56,500       | 1,47849    | 1,10896     | 2,37737                 | 9,7644              |
| 13750  | 13780  | 216,650 | -56,500       | 1,46688    | 1,10025     | 2,35870                 | 9,7643              |
| 13800  | 13830  | 216,650 | -56,500       | 1,45536    | 1,09161     | 2,34018                 | 9,7641              |
| 13850  | 13880  | 216,650 | -56,500       | 1,44393    | 1,08304     | 2,32180                 | 9,7640              |
| 13900  | 13930  | 216,650 | -56,500       | 1,43259    | 1,07453     | 2,30357                 | 9,7638              |
| 13950  | 13981  | 216,650 | -56,500       | 1,42134    | 1,06609     | 2,28548                 | 9,7637              |
| 14000  | 14031  | 216,650 | -56,500       | 1,41018 +2 | 1,05772 +2  | 2,26753 -1              | 9,7635              |
| 14050  | 14081  | 216,650 | -56,500       | 1,39910    | 1,04941     | 2,24972                 | 9,7633              |
| 14100  | 14131  | 216,650 | -56,500       | 1,38811    | 1,04117     | 2,23205                 | 9,7632              |
| 14150  | 14182  | 216,650 | -56,500       | 1,37721    | 1,03299     | 2,21452                 | 9,7630              |
| 14200  | 14232  | 216,650 | -56,500       | 1,36640    | 1,02488     | 2,19713                 | 9,7629              |
| 14250  | 14282  | 216,650 | -56,500       | 1,35567    | 1,01683     | 2,17988                 | 9,7627              |
| 14300  | 14332  | 216,650 | -56,500       | 1,34502    | 1,00885     | 2,16276                 | 9,7626              |
| 14350  | 14382  | 216,650 | -56,500       | 1,33446    | 1,00092     | 2,14577                 | 9,7624              |
| 14400  | 14433  | 216,650 | -56,500       | 1,32398    | 9,93063 +1  | 2,12892                 | 9,7623              |
| 14450  | 14483  | 216,650 | -56,500       | 1,31358    | 9,85264     | 2,11220                 | 9,7621              |
| 14500  | 14533  | 216,650 | -56,500       | 1,30326 +2 | 9,77526 +1  | 2,09561 -1              | 9,7620              |
| 14550  | 14583  | 216,650 | -56,500       | 1,29303    | 9,69850     | 2,07915                 | 9,7618              |
| 14600  | 14634  | 216,650 | -56,500       | 1,28287    | 9,62233     | 2,06283                 | 9,7617              |
| 14650  | 14684  | 216,650 | -56,500       | 1,27280    | 9,54676     | 2,04662                 | 9,7615              |
| 14700  | 14734  | 216,650 | -56,500       | 1,26280    | 9,47179     | 2,03055                 | 9,7613              |
| 14750  | 14784  | 216,650 | -56,500       | 1,25288    | 9,39740     | 2,01461                 | 9,7612              |
| 14800  | 14835  | 216,650 | -56,500       | 1,24304    | 9,32360     | 1,99878                 | 9,7610              |
| 14850  | 14885  | 216,650 | -56,500       | 1,23328    | 9,25038     | 1,98309                 | 9,7609              |
| 14900  | 14935  | 216,650 | -56,500       | 1,22360    | 9,17773     | 1,96751                 | 9,7607              |
| 14950  | 14985  | 216,650 | -56,500       | 1,21399    | 9,10565     | 1,95206                 | 9,7606              |
| 15000  | 15035  | 216,650 | -56,500       | 1,20445 +2 | 9,03414 +1  | 1,93673 -1              | 9,7604              |
| 15050  | 15086  | 216,650 | -56,500       | 1,19499    | 8,96319     | 1,92152                 | 9,7603              |
| 15100  | 15136  | 216,650 | -56,500       | 1,18561    | 8,89280     | 1,90643                 | 9,7601              |
| 15150  | 15186  | 216,650 | -56,500       | 1,17630    | 8,82296     | 1,89146                 | 9,7600              |
| 15200  | 15236  | 216,650 | -56,500       | 1,16706    | 8,75367     | 1,87660                 | 9,7598              |
| 15250  | 15287  | 216,650 | -56,500       | 1,15789    | 8,68493     | 1,86187                 | 9,7597              |
| 15300  | 15337  | 216,650 | -56,500       | 1,14880    | 8,61672     | 1,84724                 | 9,7595              |
| 15350  | 15387  | 216,650 | -56,500       | 1,13978    | 8,54905     | 1,83274                 | 9,7593              |
| 15400  | 15437  | 216,650 | -56,500       | 1,13083    | 8,48191     | 1,81834                 | 9,7592              |
| 15450  | 15488  | 216,650 | -56,500       | 1,12195    | 8,41530     | 1,80406                 | 9,7590              |
| 15500  | 15538  | 216,650 | -56,500       | 1,11314 +2 | 8,34921 +1  | 1,78990 -1              | 9,7589              |
| 15550  | 15588  | 216,650 | -56,500       | 1,10439    | 8,28364     | 1,77584                 | 9,7587              |
| 15600  | 15638  | 216,650 | -56,500       | 1,09572    | 8,21858     | 1,76189                 | 9,7586              |
| 15650  | 15689  | 216,650 | -56,500       | 1,08711    | 8,15404     | 1,74805                 | 9,7584              |
| 15700  | 15739  | 216,650 | -56,500       | 1,07858    | 8,09000     | 1,73433                 | 9,7583              |
| 15750  | 15789  | 216,650 | -56,500       | 1,07011    | 8,02647     | 1,72071                 | 9,7581              |
| 15800  | 15839  | 216,650 | -56,500       | 1,06170    | 7,96343     | 1,70719                 | 9,7580              |
| 15850  | 15890  | 216,650 | -56,500       | 1,05336    | 7,90089     | 1,69379                 | 9,7578              |
| 15900  | 15940  | 216,650 | -56,500       | 1,04509    | 7,83884     | 1,68000                 | 9,7577              |
| 15950  | 15990  | 216,650 | -56,500       | 1,03689    | 7,77728     | 1,66729                 | 9,7575              |

TABLE 5 (continued)

TABLEAU 5 (suite)

ТАБЛИЦА 5 (продолжение)

Values in terms of geometrical altitude. Valeurs en fonction de l'altitude géométrique.  
Значения величин в функции геометрической высоты.

| <i>h</i> , m | <i>H</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | <i>p</i> , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-------------------------------|------------------------------|
| 16000        | 15960        | 216,650      | -56,500       | 1,03528 +2      | 7,76524 +1       | 1,66470 -1                    | 9,7575                       |
| 16050        | 16010        | 216,650      | -56,500       | 1,02719         | 7,70456          | 1,65170                       | 9,7573                       |
| 16100        | 16059        | 216,650      | -56,500       | 1,01916         | 7,64436          | 1,63879                       | 9,7572                       |
| 16150        | 16109        | 216,650      | -56,500       | 1,01120         | 7,58462          | 1,62598                       | 9,7570                       |
| 16200        | 16159        | 216,650      | -56,500       | 1,00330         | 7,52536          | 1,61328                       | 9,7569                       |
| 16250        | 16209        | 216,650      | -56,500       | 9,95459 +1      | 7,46656          | 1,60067                       | 9,7567                       |
| 16300        | 16258        | 216,650      | -56,500       | 9,87681         | 7,40822          | 1,58817                       | 9,7566                       |
| 16350        | 16308        | 216,650      | -56,500       | 9,79964         | 7,35033          | 1,57576                       | 9,7564                       |
| 16400        | 16358        | 216,650      | -56,500       | 9,72307         | 7,29290          | 1,56345                       | 9,7562                       |
| 16450        | 16408        | 216,650      | -56,500       | 9,64711         | 7,23592          | 1,55123                       | 9,7561                       |
| :            | :            | :            | :             | :               | :                | :                             | :                            |
| 16500        | 16457        | 216,650      | -56,500       | 9,57173 +1      | 7,17939 +1       | 1,53911 -1                    | 9,7559                       |
| 16550        | 16507        | 216,650      | -56,500       | 9,49695         | 7,12330          | 1,52709                       | 9,7558                       |
| 16600        | 16557        | 216,650      | -56,500       | 9,42275         | 7,06764          | 1,51515                       | 9,7556                       |
| 16650        | 16607        | 216,650      | -56,500       | 9,34913         | 7,01243          | 1,50332                       | 9,7555                       |
| 16700        | 16656        | 216,650      | -56,500       | 9,27609         | 6,95764          | 1,49157                       | 9,7553                       |
| 16750        | 16706        | 216,650      | -56,500       | 9,20362         | 6,90329          | 1,47992                       | 9,7552                       |
| 16800        | 16756        | 216,650      | -56,500       | 9,13172         | 6,84936          | 1,46836                       | 9,7550                       |
| 16850        | 16805        | 216,650      | -56,500       | 9,06039         | 6,79585          | 1,45689                       | 9,7549                       |
| 16900        | 16855        | 216,650      | -56,500       | 8,98960         | 6,74276          | 1,44551                       | 9,7547                       |
| 16950        | 16905        | 216,650      | -56,500       | 8,91938         | 6,69008          | 1,43421                       | 9,7546                       |
| :            | :            | :            | :             | :               | :                | :                             | :                            |
| 17000        | 16955        | 216,650      | -56,500       | 8,84970 +1      | 6,63782 +1       | 1,42301 -1                    | 9,7544                       |
| 17050        | 17004        | 216,650      | -56,500       | 8,78057         | 6,58597          | 1,41189                       | 9,7543                       |
| 17100        | 17054        | 216,650      | -56,500       | 8,71198         | 6,53452          | 1,40086                       | 9,7541                       |
| 17150        | 17104        | 216,650      | -56,500       | 8,64393         | 6,48348          | 1,38992                       | 9,7539                       |
| 17200        | 17154        | 216,650      | -56,500       | 8,57641         | 6,43283          | 1,37907                       | 9,7538                       |
| 17250        | 17203        | 216,650      | -56,500       | 8,50942         | 6,38259          | 1,36829                       | 9,7536                       |
| 17300        | 17253        | 216,650      | -56,500       | 8,44295         | 6,33273          | 1,35761                       | 9,7535                       |
| 17350        | 17303        | 216,650      | -56,500       | 8,37700         | 6,28327          | 1,34700                       | 9,7533                       |
| 17400        | 17353        | 216,650      | -56,500       | 8,31157         | 6,23419          | 1,33648                       | 9,7532                       |
| 17450        | 17402        | 216,650      | -56,500       | 8,24665         | 6,18550          | 1,32604                       | 9,7530                       |
| :            | :            | :            | :             | :               | :                | :                             | :                            |
| 17500        | 17452        | 216,650      | -56,500       | 8,18224 +1      | 6,13718 +1       | 1,31568 -1                    | 9,7529                       |
| 17550        | 17502        | 216,650      | -56,500       | 8,11833         | 6,08925          | 1,30541                       | 9,7527                       |
| 17600        | 17551        | 216,650      | -56,500       | 8,05492         | 6,04169          | 1,29521                       | 9,7526                       |
| 17650        | 17601        | 216,650      | -56,500       | 7,99201         | 5,99450          | 1,28509                       | 9,7524                       |
| 17700        | 17651        | 216,650      | -56,500       | 7,92959         | 5,94768          | 1,27506                       | 9,7523                       |
| 17750        | 17701        | 216,650      | -56,500       | 7,86766         | 5,90123          | 1,26510                       | 9,7521                       |
| 17800        | 17750        | 216,650      | -56,500       | 7,80622         | 5,85515          | 1,25522                       | 9,7520                       |
| 17850        | 17800        | 216,650      | -56,500       | 7,74525         | 5,80942          | 1,24542                       | 9,7518                       |
| 17900        | 17850        | 216,650      | -56,500       | 7,68477         | 5,76405          | 1,23569                       | 9,7517                       |
| 17950        | 17899        | 216,650      | -56,500       | 7,62475         | 5,71904          | 1,22604                       | 9,7515                       |
| :            | :            | :            | :             | :               | :                | :                             | :                            |
| 18000        | 17949        | 216,650      | -56,500       | 7,56521 +1      | 5,67437 +1       | 1,21647 -1                    | 9,7513                       |
| 18050        | 17999        | 216,650      | -56,500       | 7,50613         | 5,63006          | 1,20697                       | 9,7512                       |
| 18100        | 18049        | 216,650      | -56,500       | 7,44751         | 5,58609          | 1,19754                       | 9,7510                       |
| 18150        | 18098        | 216,650      | -56,500       | 7,38936         | 5,54247          | 1,18819                       | 9,7509                       |
| 18200        | 18148        | 216,650      | -56,500       | 7,33165         | 5,49919          | 1,17891                       | 9,7507                       |
| 18250        | 18198        | 216,650      | -56,500       | 7,27440         | 5,45625          | 1,16971                       | 9,7506                       |
| 18300        | 18247        | 216,650      | -56,500       | 7,21760         | 5,41364          | 1,16057                       | 9,7504                       |
| 18350        | 18297        | 216,650      | -56,500       | 7,16124         | 5,37137          | 1,15151                       | 9,7503                       |
| 18400        | 18347        | 216,650      | -56,500       | 7,10532         | 5,32943          | 1,14252                       | 9,7501                       |
| 18450        | 18397        | 216,650      | -56,500       | 7,04984         | 5,28782          | 1,13360                       | 9,7500                       |
| :            | :            | :            | :             | :               | :                | :                             | :                            |
| 18500        | 18446        | 216,650      | -56,500       | 6,99480 +1      | 5,24653 +1       | 1,12475 -1                    | 9,7498                       |
| 18550        | 18496        | 216,650      | -56,500       | 6,94018         | 5,20556          | 1,11596                       | 9,7497                       |
| 18600        | 18546        | 216,650      | -56,500       | 6,88599         | 5,16492          | 1,10725                       | 9,7495                       |
| 18650        | 18595        | 216,650      | -56,500       | 6,83223         | 5,12459          | 1,09861                       | 9,7494                       |
| 18700        | 18645        | 216,650      | -56,500       | 6,77888         | 5,08458          | 1,09003                       | 9,7492                       |
| 18750        | 18695        | 216,650      | -56,500       | 6,72596         | 5,04488          | 1,08152                       | 9,7491                       |
| 18800        | 18745        | 216,650      | -56,500       | 6,67345         | 5,00549          | 1,07307                       | 9,7489                       |
| 18850        | 18794        | 216,650      | -56,500       | 6,62134         | 4,96642          | 1,06470                       | 9,7488                       |
| 18900        | 18844        | 216,650      | -56,500       | 6,56965         | 4,92764          | 1,05638                       | 9,7486                       |
| 18950        | 18894        | 216,650      | -56,500       | 6,51836         | 4,88917          | 1,04814                       | 9,7485                       |
| :            | :            | :            | :             | :               | :                | :                             | :                            |

Values in terms of geopotential altitude. Valeurs en fonction de l'altitude géopotentielle.  
Значения величин в функции геопотенциальной высоты

| <i>H</i> , m | <i>h</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | <i>ρ</i> , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-------------------------------|------------------------------|
| 16000        | 16040        | 216,650      | -56,500       | 1,02874 +2      | 7,71620 +1       | 1,65419 -1                    | 9,7573                       |
| 16050        | 16091        | 216,650      | -56,500       | 1,02066         | 7,65561          | 1,64120                       | 9,7572                       |
| 16100        | 16141        | 216,650      | -56,500       | 1,01265         | 7,59548          | 1,62831                       | 9,7570                       |
| 16150        | 16191        | 216,650      | -56,500       | 1,00469         | 7,53583          | 1,61552                       | 9,7569                       |
| 16200        | 16241        | 216,650      | -56,500       | 9,96805 +1      | 7,47665          | 1,60284                       | 9,7567                       |
| 16250        | 16292        | 216,650      | -56,500       | 9,88976         | 7,41793          | 1,59025                       | 9,7566                       |
| 16300        | 16342        | 216,650      | -56,500       | 9,81209         | 7,35968          | 1,57776                       | 9,7564                       |
| 16350        | 16392        | 216,650      | -56,500       | 9,73503         | 7,30188          | 1,56537                       | 9,7563                       |
| 16400        | 16442        | 216,650      | -56,500       | 9,65858         | 7,24453          | 1,55308                       | 9,7561                       |
| 16450        | 16493        | 216,650      | -56,500       | 9,58273         | 7,18764          | 1,54088                       | 9,7560                       |
| 16500        | 16543        | 216,650      | -56,500       | 9,50747 +1      | 7,13119 +1       | 1,52878 -1                    | 9,7558                       |
| 16550        | 16593        | 216,650      | -56,500       | 9,43281         | 7,07519          | 1,51677                       | 9,7557                       |
| 16600        | 16643        | 216,650      | -56,500       | 9,35873         | 7,01962          | 1,50486                       | 9,7555                       |
| 16650        | 16694        | 216,650      | -56,500       | 9,28523         | 6,96449          | 1,49304                       | 9,7553                       |
| 16700        | 16744        | 216,650      | -56,500       | 9,21231         | 6,90980          | 1,48132                       | 9,7552                       |
| 16750        | 16794        | 216,650      | -56,500       | 9,13996         | 6,85553          | 1,46968                       | 9,7550                       |
| 16800        | 16845        | 216,650      | -56,500       | 9,06818         | 6,80169          | 1,45814                       | 9,7549                       |
| 16850        | 16895        | 216,650      | -56,500       | 8,99696         | 6,74828          | 1,44669                       | 9,7547                       |
| 16900        | 16945        | 216,650      | -56,500       | 8,92631         | 6,69528          | 1,43533                       | 9,7546                       |
| 16950        | 16995        | 216,650      | -56,500       | 8,85620         | 6,64270          | 1,42405                       | 9,7544                       |
| 17000        | 17046        | 216,650      | -56,500       | 8,78665 +1      | 6,59053 +1       | 1,41287 -1                    | 9,7543                       |
| 17050        | 17096        | 216,650      | -56,500       | 8,71765         | 6,53877          | 1,40178                       | 9,7541                       |
| 17100        | 17146        | 216,650      | -56,500       | 8,64918         | 6,48742          | 1,39077                       | 9,7540                       |
| 17150        | 17196        | 216,650      | -56,500       | 8,58126         | 6,43647          | 1,37985                       | 9,7538                       |
| 17200        | 17247        | 216,650      | -56,500       | 8,51387         | 6,38592          | 1,36901                       | 9,7537                       |
| 17250        | 17297        | 216,650      | -56,500       | 8,44700         | 6,33577          | 1,35826                       | 9,7535                       |
| 17300        | 17347        | 216,650      | -56,500       | 8,38067         | 6,28602          | 1,34759                       | 9,7533                       |
| 17350        | 17397        | 216,650      | -56,500       | 8,31485         | 6,23665          | 1,33701                       | 9,7532                       |
| 17400        | 17448        | 216,650      | -56,500       | 8,24955         | 6,18767          | 1,32651                       | 9,7530                       |
| 17450        | 17498        | 216,650      | -56,500       | 8,18476         | 6,13908          | 1,31609                       | 9,7529                       |
| 17500        | 17548        | 216,650      | -56,500       | 8,12048 +1      | 6,09086 +1       | 1,30575 -1                    | 9,7527                       |
| 17550        | 17599        | 216,650      | -56,500       | 8,05671         | 6,04303          | 1,29550                       | 9,7526                       |
| 17600        | 17649        | 216,650      | -56,500       | 7,99344         | 5,99557          | 1,28532                       | 9,7524                       |
| 17650        | 17699        | 216,650      | -56,500       | 7,93066         | 5,94848          | 1,27523                       | 9,7523                       |
| 17700        | 17749        | 216,650      | -56,500       | 7,86838         | 5,90177          | 1,26522                       | 9,7521                       |
| 17750        | 17800        | 216,650      | -56,500       | 7,80658         | 5,85542          | 1,25528                       | 9,7520                       |
| 17800        | 17850        | 216,650      | -56,500       | 7,74527         | 5,80943          | 1,24542                       | 9,7518                       |
| 17850        | 17900        | 216,650      | -56,500       | 7,68445         | 5,76381          | 1,23564                       | 9,7517                       |
| 17900        | 17951        | 216,650      | -56,500       | 7,62410         | 5,71854          | 1,22594                       | 9,7515                       |
| 17950        | 18001        | 216,650      | -56,500       | 7,56422         | 5,67363          | 1,21631                       | 9,7513                       |
| 18000        | 18051        | 216,650      | -56,500       | 7,50482 +1      | 5,62908 +1       | 1,20676 -1                    | 9,7512                       |
| 18050        | 18101        | 216,650      | -56,500       | 7,44588         | 5,58487          | 1,19728                       | 9,7510                       |
| 18100        | 18152        | 216,650      | -56,500       | 7,38740         | 5,54101          | 1,18788                       | 9,7509                       |
| 18150        | 18202        | 216,650      | -56,500       | 7,32939         | 5,49749          | 1,17855                       | 9,7507                       |
| 18200        | 18252        | 216,650      | -56,500       | 7,27183         | 5,45432          | 1,16929                       | 9,7506                       |
| 18250        | 18303        | 216,650      | -56,500       | 7,21472         | 5,41148          | 1,16011                       | 9,7504                       |
| 18300        | 18353        | 216,650      | -56,500       | 7,15806         | 5,36898          | 1,15100                       | 9,7503                       |
| 18350        | 18403        | 216,650      | -56,500       | 7,10184         | 5,32682          | 1,14196                       | 9,7501                       |
| 18400        | 18453        | 216,650      | -56,500       | 7,04607         | 5,28499          | 1,13299                       | 9,7500                       |
| 18450        | 18504        | 216,650      | -56,500       | 6,99073         | 5,24348          | 1,12409                       | 9,7498                       |
| 18500        | 18554        | 216,650      | -56,500       | 6,93583 +1      | 5,20230 +1       | 1,11526 -1                    | 9,7497                       |
| 18550        | 18604        | 216,650      | -56,500       | 6,88136         | 5,16145          | 1,10651                       | 9,7495                       |
| 18600        | 18655        | 216,650      | -56,500       | 6,82732         | 5,12091          | 1,09782                       | 9,7493                       |
| 18650        | 18705        | 216,650      | -56,500       | 6,77370         | 5,08069          | 1,08919                       | 9,7492                       |
| 18700        | 18755        | 216,650      | -56,500       | 6,72051         | 5,04079          | 1,08064                       | 9,7490                       |
| 18750        | 18805        | 216,650      | -56,500       | 6,66773         | 5,00121          | 1,07215                       | 9,7489                       |
| 18800        | 18856        | 216,650      | -56,500       | 6,61536         | 4,96193          | 1,06373                       | 9,7487                       |
| 18850        | 18906        | 216,650      | -56,500       | 6,56341         | 4,92296          | 1,05538                       | 9,7486                       |
| 18900        | 18956        | 216,650      | -56,500       | 6,51186         | 4,88430          | 1,04709                       | 9,7484                       |
| 18950        | 19007        | 216,650      | -56,500       | 6,46072         | 4,84594          | 1,03887                       | 9,7483                       |

TABLE 5 (continued)

TABLEAU 5 (suite)

ТАБЛИЦА 5 (продолжение)

Values in terms of geometrical altitude. Valeurs en fonction de l'altitude géométrique.

Значения величин в функции геометрической высоты.

| <i>h</i> , m | <i>H</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | <i>ρ</i> , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-------------------------------|------------------------------|
| 19000        | 18943        | 216,650      | -56,500       | 6,46747 +1      | 4,85100 +1       | 1,03995 -1                    | 9,7483                       |
| 19050        | 18993        | 216,650      | -56,500       | 6,41698         | 4,81313          | 1,03183                       | 9,7481                       |
| 19100        | 19043        | 216,650      | -56,500       | 6,36689         | 4,77556          | 1,02378                       | 9,7480                       |
| 19150        | 19092        | 216,650      | -56,500       | 6,31718         | 4,73828          | 1,01579                       | 9,7478                       |
| 19200        | 19142        | 216,650      | -56,500       | 6,26787         | 4,70129          | 1,00786                       | 9,7477                       |
| 19250        | 19192        | 216,650      | -56,500       | 6,21894         | 4,66459          | 9,99990 -2                    | 9,7475                       |
| 19300        | 19242        | 216,650      | -56,500       | 6,17039         | 4,62818          | 9,92184                       | 9,7474                       |
| 19350        | 19291        | 216,650      | -56,500       | 6,12223         | 4,59205          | 9,84439                       | 9,7472                       |
| 19400        | 19341        | 216,650      | -56,500       | 6,07444         | 4,55620          | 9,76754                       | 9,7471                       |
| 19450        | 19391        | 216,650      | -56,500       | 6,02702         | 4,52064          | 9,69130                       | 9,7469                       |
| 19500        | 19440        | 216,650      | -56,500       | 5,97997 +1      | 4,48535 +1       | 9,61565 -2                    | 9,7468                       |
| 19550        | 19490        | 216,650      | -56,500       | 5,93330         | 4,45034          | 9,54060                       | 9,7466                       |
| 19600        | 19540        | 216,650      | -56,500       | 5,88699         | 4,41560          | 9,46613                       | 9,7465                       |
| 19650        | 19589        | 216,650      | -56,500       | 5,84104         | 4,38114          | 9,39224                       | 9,7463                       |
| 19700        | 19639        | 216,650      | -56,500       | 5,79544         | 4,34694          | 9,31893                       | 9,7461                       |
| 19750        | 19689        | 216,650      | -56,500       | 5,75021         | 4,31301          | 9,24620                       | 9,7460                       |
| 19800        | 19739        | 216,650      | -56,500       | 5,70533         | 4,27935          | 9,17403                       | 9,7458                       |
| 19850        | 19788        | 216,650      | -56,500       | 5,66080         | 4,24595          | 9,10243                       | 9,7457                       |
| 19900        | 19838        | 216,650      | -56,500       | 5,61662         | 4,21281          | 9,03139                       | 9,7455                       |
| 19950        | 19888        | 216,650      | -56,500       | 5,57279         | 4,17993          | 8,96090                       | 9,7454                       |
| 20000        | 19937        | 216,650      | -56,500       | 5,52929 +1      | 4,14731 +1       | 8,89097 -2                    | 9,7452                       |
| 20050        | 19987        | 216,650      | -56,500       | 5,48614         | 4,11494          | 8,82158                       | 9,7451                       |
| 20100        | 20037        | 216,687      | -56,463       | 5,44333         | 4,08283          | 8,75125                       | 9,7449                       |
| 20150        | 20086        | 216,736      | -56,414       | 5,40086         | 4,05097          | 8,68098                       | 9,7448                       |
| 20200        | 20136        | 216,786      | -56,364       | 5,35873         | 4,01938          | 8,61130                       | 9,7446                       |
| 20250        | 20186        | 216,836      | -56,314       | 5,31694         | 3,98803          | 8,54219                       | 9,7445                       |
| 20300        | 20235        | 216,885      | -56,265       | 5,27549         | 3,95694          | 8,47365                       | 9,7443                       |
| 20350        | 20285        | 216,935      | -56,215       | 5,23437         | 3,92610          | 8,40568                       | 9,7442                       |
| 20400        | 20335        | 216,985      | -56,165       | 5,19358         | 3,89551          | 8,33827                       | 9,7440                       |
| 20450        | 20384        | 217,034      | -56,116       | 5,15312         | 3,86516          | 8,27142                       | 9,7439                       |
| 20500        | 20434        | 217,084      | -56,066       | 5,11298 +1      | 3,83505 +1       | 8,20511 -2                    | 9,7437                       |
| 20550        | 20484        | 217,134      | -56,016       | 5,07317         | 3,80519          | 8,13936                       | 9,7436                       |
| 20600        | 20533        | 217,183      | -55,967       | 5,03368         | 3,77557          | 8,07415                       | 9,7434                       |
| 20650        | 20583        | 217,233      | -55,917       | 4,99450         | 3,74618          | 8,00948                       | 9,7432                       |
| 20700        | 20633        | 217,283      | -55,867       | 4,95564         | 3,71703          | 7,94534                       | 9,7431                       |
| 20750        | 20682        | 217,332      | -55,818       | 4,91709         | 3,68812          | 7,88173                       | 9,7429                       |
| 20800        | 20732        | 217,382      | -55,768       | 4,87885         | 3,65944          | 7,81864                       | 9,7428                       |
| 20850        | 20782        | 217,432      | -55,718       | 4,84091         | 3,63098          | 7,75608                       | 9,7426                       |
| 20900        | 20832        | 217,482      | -55,668       | 4,80328         | 3,60276          | 7,69403                       | 9,7425                       |
| 20950        | 20881        | 217,531      | -55,619       | 4,76595         | 3,57476          | 7,63249                       | 9,7423                       |
| 21000        | 20931        | 217,581      | -55,569       | 4,72892 +1      | 3,54698 +1       | 7,57146 -2                    | 9,7422                       |
| 21050        | 20981        | 217,631      | -55,519       | 4,69219         | 3,51943          | 7,51093                       | 9,7420                       |
| 21100        | 21030        | 217,680      | -55,470       | 4,65575         | 3,49210          | 7,45090                       | 9,7419                       |
| 21150        | 21080        | 217,730      | -55,420       | 4,61960         | 3,46499          | 7,39137                       | 9,7417                       |
| 21200        | 21130        | 217,780      | -55,370       | 4,58375         | 3,43809          | 7,33232                       | 9,7416                       |
| 21250        | 21179        | 217,829      | -55,321       | 4,54817         | 3,41141          | 7,27376                       | 9,7414                       |
| 21300        | 21229        | 217,879      | -55,271       | 4,51289         | 3,38494          | 7,21568                       | 9,7413                       |
| 21350        | 21279        | 217,929      | -55,221       | 4,47788         | 3,35869          | 7,15809                       | 9,7411                       |
| 21400        | 21328        | 217,978      | -55,172       | 4,44316         | 3,33264          | 7,10096                       | 9,7410                       |
| 21450        | 21378        | 218,028      | -55,122       | 4,40871         | 3,30681          | 7,04430                       | 9,7408                       |
| 21500        | 21428        | 218,078      | -55,072       | 4,37454 +1      | 3,28118 +1       | 6,98811 -2                    | 9,7406                       |
| 21550        | 21477        | 218,127      | -55,023       | 4,34065         | 3,25575          | 6,93238                       | 9,7405                       |
| 21600        | 21527        | 218,177      | -54,973       | 4,30702         | 3,23053          | 6,87711                       | 9,7403                       |
| 21650        | 21577        | 218,227      | -54,923       | 4,27366         | 3,20551          | 6,82229                       | 9,7402                       |
| 21700        | 21626        | 218,276      | -54,874       | 4,24056         | 3,18068          | 6,76792                       | 9,7400                       |
| 21750        | 21676        | 218,326      | -54,824       | 4,20774         | 3,15606          | 6,71400                       | 9,7399                       |
| 21800        | 21725        | 218,375      | -54,775       | 4,17517         | 3,13163          | 6,66052                       | 9,7397                       |
| 21850        | 21775        | 218,425      | -54,725       | 4,14286         | 3,10740          | 6,60744                       | 9,7396                       |
| 21900        | 21825        | 218,475      | -54,675       | 4,11082         | 3,08337          | 6,55488                       | 9,7394                       |
| 21950        | 21874        | 218,524      | -54,626       | 4,07902         | 3,05952          | 6,50271                       | 9,7393                       |

Values in terms of geopotential altitude. Valeurs en fonction de l'altitude géopotentielle.  
Значения величин в функции геопотенциальной высоты.

| <i>H</i> , m | <i>h</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | $\rho$ , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-----------------------------|------------------------------|
| 19000        | 19057        | 216,650      | -56,500       | 6,40998 +1      | 4,80788 +1       | 1,03071 -1                  | 9,7481                       |
| 19050        | 19107        | 216,650      | -56,500       | 6,35964         | 4,77013          | 1,02261                     | 9,7480                       |
| 19100        | 19158        | 216,650      | -56,500       | 6,30970         | 4,73266          | 1,01458                     | 9,7478                       |
| 19150        | 19208        | 216,650      | -56,500       | 6,26015         | 4,69550          | 1,00662                     | 9,7477                       |
| 19200        | 19258        | 216,650      | -56,500       | 6,21098         | 4,65862          | 9,98711 -2                  | 9,7475                       |
| 19250        | 19308        | 216,650      | -56,500       | 6,16221         | 4,62203          | 9,90867                     | 9,7473                       |
| 19300        | 19359        | 216,650      | -56,500       | 6,11381         | 4,58573          | 9,83086                     | 9,7472                       |
| 19350        | 19409        | 216,650      | -56,500       | 6,06580         | 4,54972          | 9,75365                     | 9,7470                       |
| 19400        | 19459        | 216,650      | -56,500       | 6,01816         | 4,51399          | 9,67705                     | 9,7469                       |
| 19450        | 19510        | 216,650      | -56,500       | 5,97090         | 4,47854          | 9,60105                     | 9,7467                       |
| 19500        | 19560        | 216,650      | -56,500       | 5,92400 +1      | 4,44337 +1       | 9,52565 -2                  | 9,7466                       |
| 19550        | 19610        | 216,650      | -56,500       | 5,87748         | 4,40847          | 9,45084                     | 9,7464                       |
| 19600        | 19661        | 216,650      | -56,500       | 5,83132         | 4,37385          | 9,37662                     | 9,7463                       |
| 19650        | 19711        | 216,650      | -56,500       | 5,78553         | 4,33950          | 9,30298                     | 9,7461                       |
| 19700        | 19761        | 216,650      | -56,500       | 5,74009         | 4,30542          | 9,22992                     | 9,7460                       |
| 19750        | 19812        | 216,650      | -56,500       | 5,69501         | 4,27161          | 9,15744                     | 9,7458                       |
| 19800        | 19862        | 216,650      | -56,500       | 5,65029         | 4,23806          | 9,08552                     | 9,7457                       |
| 19850        | 19912        | 216,650      | -56,500       | 5,60591         | 4,20478          | 9,01417                     | 9,7455                       |
| 19900        | 19962        | 216,650      | -56,500       | 5,56189         | 4,17176          | 8,94337                     | 9,7453                       |
| 19950        | 20013        | 216,650      | -56,500       | 5,51821         | 4,13899          | 8,87314                     | 9,7452                       |
| 20000        | 20063        | 216,650      | -56,500       | 5,47487 +1      | 4,10649 +1       | 8,80345 -2                  | 9,7450                       |
| 20050        | 20113        | 216,700      | -56,450       | 5,43187         | 4,07424          | 8,73230                     | 9,7449                       |
| 20100        | 20164        | 216,750      | -56,400       | 5,38923         | 4,04225          | 8,66175                     | 9,7447                       |
| 20150        | 20214        | 216,800      | -56,350       | 5,34693         | 4,01053          | 8,59179                     | 9,7446                       |
| 20200        | 20264        | 216,850      | -56,300       | 5,30497         | 3,97906          | 8,52240                     | 9,7444                       |
| 20250        | 20315        | 216,900      | -56,250       | 5,26335         | 3,94784          | 8,45359                     | 9,7443                       |
| 20300        | 20365        | 216,950      | -56,200       | 5,22207         | 3,91687          | 8,38535                     | 9,7441                       |
| 20350        | 20415        | 217,000      | -56,150       | 5,18112         | 3,88616          | 8,31768                     | 9,7440                       |
| 20400        | 20466        | 217,050      | -56,100       | 5,14050         | 3,85569          | 8,25057                     | 9,7438                       |
| 20450        | 20516        | 217,100      | -56,050       | 5,10021         | 3,82547          | 8,18401                     | 9,7437                       |
| 20500        | 20566        | 217,150      | -56,000       | 5,06024 +1      | 3,79550 +1       | 8,11801 -2                  | 9,7435                       |
| 20550        | 20617        | 217,200      | -55,950       | 5,02060         | 3,76576          | 8,05256                     | 9,7433                       |
| 20600        | 20667        | 217,250      | -55,900       | 4,98127         | 3,73626          | 7,98764                     | 9,7432                       |
| 20650        | 20717        | 217,300      | -55,850       | 4,94226         | 3,70700          | 7,92327                     | 9,7430                       |
| 20700        | 20768        | 217,350      | -55,800       | 4,90357         | 3,67798          | 7,85943                     | 9,7429                       |
| 20750        | 20818        | 217,400      | -55,750       | 4,86519         | 3,64919          | 7,79611                     | 9,7427                       |
| 20800        | 20868        | 217,450      | -55,700       | 4,82712         | 3,62064          | 7,73333                     | 9,7426                       |
| 20850        | 20919        | 217,500      | -55,650       | 4,78935         | 3,59231          | 7,67106                     | 9,7424                       |
| 20900        | 20969        | 217,550      | -55,600       | 4,75189         | 3,56421          | 7,60931                     | 9,7423                       |
| 20950        | 21019        | 217,600      | -55,550       | 4,71473         | 3,53634          | 7,54807                     | 9,7421                       |
| 21000        | 21070        | 217,650      | -55,500       | 4,67787 +1      | 3,50869 +1       | 7,48733 -2                  | 9,7420                       |
| 21050        | 21120        | 217,700      | -55,450       | 4,64130         | 3,48126          | 7,42710                     | 9,7418                       |
| 21100        | 21170        | 217,750      | -55,400       | 4,60503         | 3,45406          | 7,36737                     | 9,7417                       |
| 21150        | 21221        | 217,800      | -55,350       | 4,56905         | 3,42707          | 7,30813                     | 9,7415                       |
| 21200        | 21271        | 217,850      | -55,300       | 4,53336         | 3,40030          | 7,24938                     | 9,7413                       |
| 21250        | 21321        | 217,900      | -55,250       | 4,49796         | 3,37375          | 7,19112                     | 9,7412                       |
| 21300        | 21372        | 217,950      | -55,200       | 4,46284         | 3,34740          | 7,13333                     | 9,7410                       |
| 21350        | 21422        | 218,000      | -55,150       | 4,42800         | 3,32128          | 7,07603                     | 9,7409                       |
| 21400        | 21472        | 218,050      | -55,100       | 4,39345         | 3,29536          | 7,01920                     | 9,7407                       |
| 21450        | 21523        | 218,100      | -55,050       | 4,35917         | 3,26965          | 6,96284                     | 9,7406                       |
| 21500        | 21573        | 218,150      | -55,000       | 4,32517 +1      | 3,24414 +1       | 6,90694 -2                  | 9,7404                       |
| 21550        | 21623        | 218,200      | -54,950       | 4,29143         | 3,21884          | 6,85150                     | 9,7403                       |
| 21600        | 21674        | 218,250      | -54,900       | 4,25797         | 3,19374          | 6,79652                     | 9,7401                       |
| 21650        | 21724        | 218,300      | -54,850       | 4,22478         | 3,16885          | 6,74200                     | 9,7400                       |
| 21700        | 21774        | 218,350      | -54,800       | 4,19186         | 3,14415          | 6,68792                     | 9,7398                       |
| 21750        | 21825        | 218,400      | -54,750       | 4,15919         | 3,11965          | 6,63429                     | 9,7397                       |
| 21800        | 21875        | 218,450      | -54,700       | 4,12680         | 3,09535          | 6,58111                     | 9,7395                       |
| 21850        | 21925        | 218,500      | -54,650       | 4,09466         | 3,07124          | 6,52836                     | 9,7393                       |
| 21900        | 21976        | 218,550      | -54,600       | 4,06277         | 3,04733          | 6,47592                     | 9,7392                       |
| 21950        | 22026        | 218,600      | -54,550       | 4,03115         | 3,02361          | 6,42416                     | 9,7390                       |

TABLE 5 (continued)

TABLEAU 5 (suite)

ТАБЛИЦА 5 (продолжение)

Values in terms of geometrical altitude. Valeurs en fonction de l'altitude géométrique.  
 Значения величин в функции геометрической высоты.

| <i>h</i> , m | <i>H</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | <i>p</i> , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-------------------------------|------------------------------|
| 22000        | 21924        | 218,574      | -54,576       | 4,04748 +1      | 3,03586 +1       | 6,45096 -2                    | 9,7391                       |
| 22050        | 21974        | 218,624      | -54,526       | 4,01620         | 3,01240          | 6,39964                       | 9,7390                       |
| 22100        | 22023        | 218,673      | -54,477       | 3,98516         | 2,98911          | 6,34874                       | 9,7388                       |
| 22150        | 22073        | 218,723      | -54,427       | 3,95437         | 2,96602          | 6,29825                       | 9,7387                       |
| 22200        | 22123        | 218,773      | -54,377       | 3,92382         | 2,94311          | 6,24819                       | 9,7385                       |
| 22250        | 22172        | 218,822      | -54,328       | 3,89352         | 2,92038          | 6,19853                       | 9,7384                       |
| 22300        | 22222        | 218,872      | -54,278       | 3,86346         | 2,89783          | 6,14927                       | 9,7382                       |
| 22350        | 22272        | 218,922      | -54,228       | 3,83363         | 2,87546          | 6,10042                       | 9,7381                       |
| 22400        | 22321        | 218,971      | -54,179       | 3,80405         | 2,85327          | 6,05197                       | 9,7379                       |
| 22450        | 22371        | 219,021      | -54,129       | 3,77470         | 2,83126          | 6,00392                       | 9,7377                       |
| 22500        | 22421        | 219,071      | -54,079       | 3,74558 +1      | 2,80942 +1       | 5,95626 -2                    | 9,7376                       |
| 22550        | 22470        | 219,120      | -54,030       | 3,71670         | 2,78775          | 5,90898                       | 9,7374                       |
| 22600        | 22520        | 219,170      | -53,980       | 3,68804         | 2,76626          | 5,86210                       | 9,7373                       |
| 22650        | 22570        | 219,220      | -53,930       | 3,65962         | 2,74494          | 5,81560                       | 9,7371                       |
| 22700        | 22619        | 219,269      | -53,881       | 3,63142         | 2,72379          | 5,76948                       | 9,7370                       |
| 22750        | 22669        | 219,319      | -53,831       | 3,60344         | 2,70280          | 5,72373                       | 9,7368                       |
| 22800        | 22719        | 219,369      | -53,781       | 3,57569         | 2,68199          | 5,67836                       | 9,7367                       |
| 22850        | 22768        | 219,418      | -53,732       | 3,54815         | 2,66133          | 5,63336                       | 9,7365                       |
| 22900        | 22818        | 219,468      | -53,682       | 3,52083         | 2,64084          | 5,58873                       | 9,7364                       |
| 22950        | 22867        | 219,517      | -53,633       | 3,49373         | 2,62052          | 5,54446                       | 9,7362                       |
| 23000        | 22917        | 219,567      | -53,583       | 3,46685 +1      | 2,60035 +1       | 5,50035 -2                    | 9,7361                       |
| 23050        | 22967        | 219,617      | -53,533       | 3,44018         | 2,58035          | 5,45700                       | 9,7359                       |
| 23100        | 23016        | 219,666      | -53,484       | 3,41372         | 2,56050          | 5,41381                       | 9,7358                       |
| 23150        | 23066        | 219,716      | -53,434       | 3,38747         | 2,54081          | 5,37096                       | 9,7356                       |
| 23200        | 23116        | 219,766      | -53,384       | 3,36143         | 2,52128          | 5,32847                       | 9,7355                       |
| 23250        | 23165        | 219,815      | -53,335       | 3,33560         | 2,50190          | 5,28633                       | 9,7353                       |
| 23300        | 23215        | 219,865      | -53,285       | 3,30997         | 2,48268          | 5,24452                       | 9,7352                       |
| 23350        | 23265        | 219,915      | -53,235       | 3,28454         | 2,46361          | 5,20306                       | 9,7350                       |
| 23400        | 23314        | 219,964      | -53,186       | 3,25932         | 2,44469          | 5,16194                       | 9,7348                       |
| 23450        | 23364        | 220,014      | -53,136       | 3,23429         | 2,42592          | 5,12114                       | 9,7347                       |
| 23500        | 23413        | 220,063      | -53,087       | 3,20946 +1      | 2,40729 +1       | 5,08069 -2                    | 9,7345                       |
| 23550        | 23463        | 220,113      | -53,037       | 3,18483         | 2,38882          | 5,04056                       | 9,7344                       |
| 23600        | 23513        | 220,163      | -52,987       | 3,16040         | 2,37049          | 5,00076                       | 9,7342                       |
| 23650        | 23562        | 220,212      | -52,938       | 3,13615         | 2,35231          | 4,96128                       | 9,7341                       |
| 23700        | 23612        | 220,262      | -52,888       | 3,11210         | 2,33427          | 4,92212                       | 9,7339                       |
| 23750        | 23662        | 220,312      | -52,838       | 3,08824         | 2,31637          | 4,88328                       | 9,7338                       |
| 23800        | 23711        | 220,361      | -52,789       | 3,06457         | 2,29861          | 4,84476                       | 9,7336                       |
| 23850        | 23761        | 220,411      | -52,739       | 3,04108         | 2,28100          | 4,80655                       | 9,7335                       |
| 23900        | 23810        | 220,460      | -52,690       | 3,01778         | 2,26352          | 4,76865                       | 9,7333                       |
| 23950        | 23860        | 220,510      | -52,640       | 2,99467         | 2,24619          | 4,73106                       | 9,7332                       |
| 24000        | 23910        | 220,560      | -52,590       | 2,97174 +1      | 2,22898 +1       | 4,69377 -2                    | 9,7330                       |
| 24050        | 23959        | 220,609      | -52,541       | 2,94898         | 2,21192          | 4,65679                       | 9,7329                       |
| 24100        | 24009        | 220,659      | -52,491       | 2,92641         | 2,19499          | 4,62010                       | 9,7327                       |
| 24150        | 24059        | 220,709      | -52,441       | 2,90402         | 2,17819          | 4,58372                       | 9,7326                       |
| 24200        | 24108        | 220,758      | -52,392       | 2,88180         | 2,16153          | 4,54762                       | 9,7324                       |
| 24250        | 24158        | 220,808      | -52,342       | 2,85976         | 2,14499          | 4,51183                       | 9,7323                       |
| 24300        | 24207        | 220,857      | -52,293       | 2,83789         | 2,12859          | 4,47632                       | 9,7321                       |
| 24350        | 24257        | 220,907      | -52,243       | 2,81619         | 2,11232          | 4,44110                       | 9,7319                       |
| 24400        | 24307        | 220,957      | -52,193       | 2,79467         | 2,09617          | 4,40617                       | 9,7318                       |
| 24450        | 24356        | 221,006      | -52,144       | 2,77331         | 2,08015          | 4,37151                       | 9,7316                       |
| 24500        | 24406        | 221,056      | -52,094       | 2,75212 +1      | 2,06426 +1       | 4,33714 -2                    | 9,7315                       |
| 24550        | 24456        | 221,106      | -52,044       | 2,73110         | 2,04850          | 4,30305                       | 9,7313                       |
| 24600        | 24505        | 221,155      | -51,995       | 2,71025         | 2,03285          | 4,26924                       | 9,7312                       |
| 24650        | 24555        | 221,205      | -51,945       | 2,68956         | 2,01733          | 4,23569                       | 9,7310                       |
| 24700        | 24604        | 221,254      | -51,896       | 2,66903         | 2,00194          | 4,20242                       | 9,7309                       |
| 24750        | 24654        | 221,304      | -51,846       | 2,64866         | 1,98666          | 4,16942                       | 9,7307                       |
| 24800        | 24704        | 221,354      | -51,796       | 2,62846         | 1,97151          | 4,13669                       | 9,7306                       |
| 24850        | 24753        | 221,403      | -51,747       | 2,60841         | 1,95647          | 4,10422                       | 9,7304                       |
| 24900        | 24803        | 221,453      | -51,697       | 2,58852         | 1,94155          | 4,07201                       | 9,7303                       |
| 24950        | 24852        | 221,502      | -51,648       | 2,56879         | 1,92675          | 4,04016                       | 9,7301                       |

Values in terms of geopotential altitude. Valeurs en fonction de l'altitude géopotentielle.  
Значения величин в функции геопотенциальной высоты

| $H, m$ | $h, m$ | $T, K$  | $t, ^\circ C$ | $p, mbar$  | $p, mm\ Hg$ | $\rho, kg \cdot m^{-3}$ | $g, m \cdot s^{-2}$ |
|--------|--------|---------|---------------|------------|-------------|-------------------------|---------------------|
| 22000  | 22076  | 218,650 | -54,500       | 3,99977 +1 | 3,00008 +1  | 6,37271 -2              | 9,7389              |
| 22050  | 22127  | 218,700 | -54,450       | 3,96865    | 2,97673     | 6,32168                 | 9,7387              |
| 22100  | 22177  | 218,750 | -54,400       | 3,93778    | 2,95358     | 6,27106                 | 9,7386              |
| 22150  | 22227  | 218,800 | -54,350       | 3,90715    | 2,93061     | 6,22087                 | 9,7384              |
| 22200  | 22278  | 218,850 | -54,300       | 3,87677    | 2,90782     | 6,17109                 | 9,7383              |
| 22250  | 22328  | 218,900 | -54,250       | 3,84663    | 2,88521     | 6,12172                 | 9,7381              |
| 22300  | 22379  | 218,950 | -54,200       | 3,81674    | 2,86279     | 6,07275                 | 9,7380              |
| 22350  | 22429  | 219,000 | -54,150       | 3,78708    | 2,84054     | 6,02419                 | 9,7378              |
| 22400  | 22479  | 219,050 | -54,100       | 3,75766    | 2,81848     | 5,97602                 | 9,7377              |
| 22450  | 22530  | 219,100 | -54,050       | 3,72848    | 2,79659     | 5,92826                 | 9,7375              |
| 22500  | 22580  | 219,150 | -54,000       | 3,69952 +1 | 2,77487 +1  | 5,88088 -2              | 9,7374              |
| 22550  | 22630  | 219,200 | -53,950       | 3,67080    | 2,75333     | 5,83389                 | 9,7372              |
| 22600  | 22681  | 219,250 | -53,900       | 3,64231    | 2,73196     | 5,78729                 | 9,7370              |
| 22650  | 22731  | 219,300 | -53,850       | 3,61405    | 2,71076     | 5,74108                 | 9,7369              |
| 22700  | 22781  | 219,350 | -53,800       | 3,58601    | 2,68973     | 5,69524                 | 9,7367              |
| 22750  | 22832  | 219,400 | -53,750       | 3,55820    | 2,66887     | 5,64977                 | 9,7366              |
| 22800  | 22882  | 219,450 | -53,700       | 3,53060    | 2,64817     | 5,60469                 | 9,7364              |
| 22850  | 22932  | 219,500 | -53,650       | 3,50323    | 2,62764     | 5,55997                 | 9,7363              |
| 22900  | 22983  | 219,550 | -53,600       | 3,47608    | 2,60727     | 5,51562                 | 9,7361              |
| 22950  | 23033  | 219,600 | -53,550       | 3,44914    | 2,58707     | 5,47163                 | 9,7360              |
| 23000  | 23084  | 219,650 | -53,500       | 3,42242 +1 | 2,56703 +1  | 5,42800 -2              | 9,7358              |
| 23050  | 23134  | 219,700 | -53,450       | 3,39591    | 2,54714     | 5,38473                 | 9,7357              |
| 23100  | 23184  | 219,750 | -53,400       | 3,36961    | 2,52742     | 5,34182                 | 9,7355              |
| 23150  | 23235  | 219,800 | -53,350       | 3,34353    | 2,50785     | 5,29926                 | 9,7354              |
| 23200  | 23285  | 219,850 | -53,300       | 3,31764    | 2,48844     | 5,25704                 | 9,7352              |
| 23250  | 23335  | 219,900 | -53,250       | 3,29197    | 2,46918     | 5,21517                 | 9,7350              |
| 23300  | 23386  | 219,950 | -53,200       | 3,26650    | 2,45008     | 5,17365                 | 9,7349              |
| 23350  | 23436  | 220,000 | -53,150       | 3,24123    | 2,43112     | 5,13246                 | 9,7347              |
| 23400  | 23486  | 220,050 | -53,100       | 3,21617    | 2,41232     | 5,09161                 | 9,7346              |
| 23450  | 23537  | 220,100 | -53,050       | 3,19130    | 2,39367     | 5,05110                 | 9,7344              |
| 23500  | 23587  | 220,150 | -53,000       | 3,16663 +1 | 2,37517 +1  | 5,01092 -2              | 9,7343              |
| 23550  | 23638  | 220,200 | -52,950       | 3,14216    | 2,35681     | 4,97106                 | 9,7341              |
| 23600  | 23688  | 220,250 | -52,900       | 3,11788    | 2,33860     | 4,93153                 | 9,7340              |
| 23650  | 23738  | 220,300 | -52,850       | 3,09380    | 2,32054     | 4,89233                 | 9,7338              |
| 23700  | 23789  | 220,350 | -52,800       | 3,06990    | 2,30262     | 4,85344                 | 9,7337              |
| 23750  | 23839  | 220,400 | -52,750       | 3,04620    | 2,28484     | 4,81488                 | 9,7335              |
| 23800  | 23889  | 220,450 | -52,700       | 3,02269    | 2,26720     | 4,77662                 | 9,7334              |
| 23850  | 23940  | 220,500 | -52,650       | 2,99936    | 2,24970     | 4,73868                 | 9,7332              |
| 23900  | 23990  | 220,550 | -52,600       | 2,97622    | 2,23234     | 4,70106                 | 9,7330              |
| 23950  | 24041  | 220,600 | -52,550       | 2,95326    | 2,21512     | 4,66373                 | 9,7329              |
| 24000  | 24091  | 220,650 | -52,500       | 2,93048 +1 | 2,19804 +1  | 4,62672 -2              | 9,7327              |
| 24050  | 24141  | 220,700 | -52,450       | 2,90788    | 2,18109     | 4,59000                 | 9,7326              |
| 24100  | 24192  | 220,750 | -52,400       | 2,88547    | 2,16428     | 4,55358                 | 9,7324              |
| 24150  | 24242  | 220,800 | -52,350       | 2,86323    | 2,14760     | 4,51747                 | 9,7323              |
| 24200  | 24292  | 220,850 | -52,300       | 2,84117    | 2,13105     | 4,48164                 | 9,7321              |
| 24250  | 24343  | 220,900 | -52,250       | 2,81928    | 2,11463     | 4,44611                 | 9,7320              |
| 24300  | 24393  | 220,950 | -52,200       | 2,79756    | 2,09834     | 4,41087                 | 9,7318              |
| 24350  | 24444  | 221,000 | -52,150       | 2,77602    | 2,08219     | 4,37591                 | 9,7317              |
| 24400  | 24494  | 221,050 | -52,100       | 2,75465    | 2,06616     | 4,34124                 | 9,7315              |
| 24450  | 24544  | 221,100 | -52,050       | 2,73345    | 2,05025     | 4,30685                 | 9,7314              |
| 24500  | 24595  | 221,150 | -52,000       | 2,71241 +1 | 2,03448 +1  | 4,27275 -2              | 9,7312              |
| 24550  | 24645  | 221,200 | -51,950       | 2,69155    | 2,01883     | 4,23892                 | 9,7310              |
| 24600  | 24696  | 221,250 | -51,900       | 2,67084    | 2,00330     | 4,20536                 | 9,7309              |
| 24650  | 24746  | 221,300 | -51,850       | 2,65030    | 1,98789     | 4,17208                 | 9,7307              |
| 24700  | 24796  | 221,350 | -51,800       | 2,62993    | 1,97261     | 4,13907                 | 9,7306              |
| 24750  | 24847  | 221,400 | -51,750       | 2,60971    | 1,95745     | 4,10632                 | 9,7304              |
| 24800  | 24897  | 221,450 | -51,700       | 2,58966    | 1,94240     | 4,07385                 | 9,7303              |
| 24850  | 24948  | 221,500 | -51,650       | 2,56976    | 1,92748     | 4,04163                 | 9,7301              |
| 24900  | 24998  | 221,550 | -51,600       | 2,55002    | 1,91268     | 4,00969                 | 9,7300              |
| 24950  | 25048  | 221,600 | -51,550       | 2,53044    | 1,89799     | 3,97800                 | 9,7298              |

TABLE 5 (continued)

TABLEAU 5 (suite)

ТАБЛИЦА 5 (продолжение)

Values in terms of geometrical altitude. Valeurs en fonction de l'altitude géométrique.

Значения величин в функции геометрической высоты.

| <i>h</i> , m | <i>H</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | <i>p</i> , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-------------------------------|------------------------------|
| 25000        | 24902        | 221,552      | -51,598       | 2,54921 +1      | 1,91207 +1       | 4,00837 -2                    | 9,7300                       |
| 25050        | 24952        | 221,602      | -51,548       | 2,52979         | 1,89750          | 3,97694                       | 9,7298                       |
| 25100        | 25001        | 221,651      | -51,499       | 2,51052         | 1,88304          | 3,94576                       | 9,7297                       |
| 25150        | 25051        | 221,701      | -51,449       | 2,49140         | 1,86870          | 3,91483                       | 9,7295                       |
| 25200        | 25100        | 221,750      | -51,400       | 2,47243         | 1,85447          | 3,88416                       | 9,7294                       |
| 25250        | 25150        | 221,800      | -51,350       | 2,45361         | 1,84036          | 3,85373                       | 9,7292                       |
| 25300        | 25200        | 221,850      | -51,300       | 2,43493         | 1,82635          | 3,82355                       | 9,7291                       |
| 25350        | 25249        | 221,899      | -51,251       | 2,41641         | 1,81245          | 3,79360                       | 9,7289                       |
| 25400        | 25299        | 221,949      | -51,201       | 2,39802         | 1,79867          | 3,76390                       | 9,7287                       |
| 25450        | 25349        | 221,999      | -51,151       | 2,37979         | 1,78499          | 3,73445                       | 9,7286                       |
| 25500        | 25398        | 222,048      | -51,102       | 2,36169 +1      | 1,77141 +1       | 3,70522 -2                    | 9,7284                       |
| 25550        | 25448        | 222,098      | -51,052       | 2,34374         | 1,75795          | 3,67624                       | 9,7283                       |
| 25600        | 25497        | 222,147      | -51,003       | 2,32593         | 1,74459          | 3,64748                       | 9,7281                       |
| 25650        | 25547        | 222,197      | -50,953       | 2,30826         | 1,73134          | 3,61896                       | 9,7280                       |
| 25700        | 25597        | 222,247      | -50,903       | 2,29072         | 1,71818          | 3,59067                       | 9,7278                       |
| 25750        | 25646        | 222,296      | -50,854       | 2,27333         | 1,70514          | 3,56261                       | 9,7277                       |
| 25800        | 25696        | 222,346      | -50,804       | 2,25607         | 1,69219          | 3,53477                       | 9,7275                       |
| 25850        | 25745        | 222,395      | -50,755       | 2,23894         | 1,67935          | 3,50716                       | 9,7274                       |
| 25900        | 25795        | 222,445      | -50,705       | 2,22195         | 1,66660          | 3,47977                       | 9,7272                       |
| 25950        | 25844        | 222,494      | -50,656       | 2,20509         | 1,65396          | 3,45260                       | 9,7271                       |
| 26000        | 25894        | 222,544      | -50,606       | 2,18837 +1      | 1,64141 +1       | 3,42565 -2                    | 9,7269                       |
| 26050        | 25944        | 222,594      | -50,556       | 2,17177         | 1,62896          | 3,39891                       | 9,7268                       |
| 26100        | 25993        | 222,643      | -50,507       | 2,15531         | 1,61661          | 3,37239                       | 9,7266                       |
| 26150        | 26043        | 222,693      | -50,457       | 2,13897         | 1,60436          | 3,34608                       | 9,7265                       |
| 26200        | 26092        | 222,742      | -50,408       | 2,12276         | 1,59220          | 3,31998                       | 9,7263                       |
| 26250        | 26142        | 222,792      | -50,358       | 2,10668         | 1,58014          | 3,29410                       | 9,7262                       |
| 26300        | 26192        | 222,842      | -50,308       | 2,09072         | 1,56817          | 3,26842                       | 9,7260                       |
| 26350        | 26241        | 222,891      | -50,259       | 2,07489         | 1,55630          | 3,24295                       | 9,7259                       |
| 26400        | 26291        | 222,941      | -50,209       | 2,05918         | 1,54451          | 3,21768                       | 9,7257                       |
| 26450        | 26340        | 222,990      | -50,160       | 2,04360         | 1,53282          | 3,19262                       | 9,7255                       |
| 26500        | 26390        | 223,040      | -50,110       | 2,02813 +1      | 1,52122 +1       | 3,16775 -2                    | 9,7254                       |
| 26550        | 26440        | 223,090      | -50,060       | 2,01279         | 1,50971          | 3,14309                       | 9,7252                       |
| 26600        | 26489        | 223,139      | -50,011       | 1,99756         | 1,49830          | 3,11862                       | 9,7251                       |
| 26650        | 26539        | 223,189      | -49,961       | 1,98246         | 1,48697          | 3,09435                       | 9,7249                       |
| 26700        | 26588        | 223,238      | -49,912       | 1,96747         | 1,47572          | 3,07028                       | 9,7248                       |
| 26750        | 26638        | 223,288      | -49,862       | 1,95260         | 1,46457          | 3,04639                       | 9,7246                       |
| 26800        | 26687        | 223,337      | -49,813       | 1,93785         | 1,45350          | 3,02270                       | 9,7245                       |
| 26850        | 26737        | 223,387      | -49,763       | 1,92320         | 1,44252          | 2,99920                       | 9,7243                       |
| 26900        | 26787        | 223,437      | -49,713       | 1,90868         | 1,43163          | 2,97589                       | 9,7242                       |
| 26950        | 26836        | 223,486      | -49,664       | 1,89427         | 1,42082          | 2,95276                       | 9,7240                       |
| 27000        | 26886        | 223,536      | -49,614       | 1,87997 +1      | 1,41009 +1       | 2,92982 -2                    | 9,7239                       |
| 27050        | 26935        | 223,585      | -49,565       | 1,86578         | 1,39945          | 2,90706                       | 9,7237                       |
| 27100        | 26985        | 223,635      | -49,515       | 1,85170         | 1,38889          | 2,88449                       | 9,7236                       |
| 27150        | 27035        | 223,685      | -49,465       | 1,83773         | 1,37841          | 2,86209                       | 9,7234                       |
| 27200        | 27084        | 223,734      | -49,416       | 1,82387         | 1,36801          | 2,83988                       | 9,7233                       |
| 27250        | 27134        | 223,784      | -49,366       | 1,81012         | 1,35770          | 2,81784                       | 9,7231                       |
| 27300        | 27183        | 223,833      | -49,317       | 1,79647         | 1,34746          | 2,79598                       | 9,7230                       |
| 27350        | 27233        | 223,883      | -49,267       | 1,78293         | 1,33731          | 2,77429                       | 9,7228                       |
| 27400        | 27282        | 223,932      | -49,218       | 1,76950         | 1,32723          | 2,75278                       | 9,7227                       |
| 27450        | 27332        | 223,982      | -49,168       | 1,75617         | 1,31723          | 2,73143                       | 9,7225                       |
| 27500        | 27382        | 224,032      | -49,118       | 1,74294 +1      | 1,30731 +1       | 2,71026 -2                    | 9,7223                       |
| 27550        | 27431        | 224,081      | -49,069       | 1,72982         | 1,29747          | 2,68926                       | 9,7222                       |
| 27600        | 27481        | 224,131      | -49,019       | 1,71679         | 1,28770          | 2,66842                       | 9,7220                       |
| 27650        | 27530        | 224,180      | -48,970       | 1,70387         | 1,27801          | 2,64776                       | 9,7219                       |
| 27700        | 27580        | 224,230      | -48,920       | 1,69105         | 1,26839          | 2,62725                       | 9,7217                       |
| 27750        | 27629        | 224,279      | -48,871       | 1,67833         | 1,25885          | 2,60691                       | 9,7216                       |
| 27800        | 27679        | 224,329      | -48,821       | 1,66571         | 1,24938          | 2,58673                       | 9,7214                       |
| 27850        | 27729        | 224,379      | -48,771       | 1,65318         | 1,23999          | 2,56672                       | 9,7213                       |
| 27900        | 27778        | 224,428      | -48,722       | 1,64076         | 1,23067          | 2,54686                       | 9,7210                       |
| 27950        | 27828        | 224,478      | -48,672       | 1,62843         | 1,22142          | 2,52716                       | 9,7208                       |

Values in terms of geopotential altitude. Valeurs en fonction de l'altitude géopotentielle.  
 Значения величин в функции геопотенциальной высоты.

| $H, m$ | $h, m$ | $T, K$  | $t, ^\circ C$ | $p, mbar$  | $p, mm\ Hg$ | $\rho, kg \cdot m^{-3}$ | $g, m \cdot s^{-2}$ |
|--------|--------|---------|---------------|------------|-------------|-------------------------|---------------------|
| 25000  | 25099  | 221,650 | -51,500       | 2,51101 +1 | 1,88341 +1  | 3,94656 -2              | 9,7297              |
| 25050  | 25149  | 221,700 | -51,450       | 2,49174    | 1,86896     | 3,91538                 | 9,7295              |
| 25100  | 25200  | 221,750 | -51,400       | 2,47261    | 1,85461     | 3,88446                 | 9,7294              |
| 25150  | 25250  | 221,800 | -51,350       | 2,45364    | 1,84038     | 3,85379                 | 9,7292              |
| 25200  | 25300  | 221,850 | -51,300       | 2,43482    | 1,82627     | 3,82337                 | 9,7291              |
| 25250  | 25351  | 221,900 | -51,250       | 2,41615    | 1,81226     | 3,79319                 | 9,7289              |
| 25300  | 25401  | 221,950 | -51,200       | 2,39762    | 1,79837     | 3,76326                 | 9,7287              |
| 25350  | 25451  | 222,000 | -51,150       | 2,37924    | 1,78458     | 3,73357                 | 9,7286              |
| 25400  | 25502  | 222,050 | -51,100       | 2,36101    | 1,77090     | 3,70412                 | 9,7284              |
| 25450  | 25552  | 222,100 | -51,050       | 2,34292    | 1,75733     | 3,67491                 | 9,7283              |
| 25500  | 25603  | 222,150 | -51,000       | 2,32497 +1 | 1,74387 +1  | 3,64594 -2              | 9,7281              |
| 25550  | 25653  | 222,200 | -50,950       | 2,30716    | 1,73051     | 3,61720                 | 9,7280              |
| 25600  | 25704  | 222,250 | -50,900       | 2,28950    | 1,71726     | 3,58869                 | 9,7278              |
| 25650  | 25754  | 222,300 | -50,850       | 2,27197    | 1,70412     | 3,56042                 | 9,7277              |
| 25700  | 25804  | 222,350 | -50,800       | 2,25458    | 1,69107     | 3,53237                 | 9,7275              |
| 25750  | 25855  | 222,400 | -50,750       | 2,23733    | 1,67813     | 3,50456                 | 9,7274              |
| 25800  | 25905  | 222,450 | -50,700       | 2,22021    | 1,66530     | 3,47696                 | 9,7272              |
| 25850  | 25956  | 222,500 | -50,650       | 2,20323    | 1,65256     | 3,44959                 | 9,7271              |
| 25900  | 26006  | 222,550 | -50,600       | 2,18638    | 1,63992     | 3,42245                 | 9,7269              |
| 25950  | 26056  | 222,600 | -50,550       | 2,16967    | 1,62738     | 3,39552                 | 9,7267              |
| 26000  | 26107  | 222,650 | -50,500       | 2,15308 +1 | 1,61495 +1  | 3,36881 -2              | 9,7266              |
| 26050  | 26157  | 222,700 | -50,450       | 2,13663    | 1,60260     | 3,34231                 | 9,7264              |
| 26100  | 26208  | 222,750 | -50,400       | 2,12031    | 1,59036     | 3,31603                 | 9,7263              |
| 26150  | 26258  | 222,800 | -50,350       | 2,10411    | 1,57821     | 3,28997                 | 9,7261              |
| 26200  | 26308  | 222,850 | -50,300       | 2,08804    | 1,56616     | 3,26411                 | 9,7260              |
| 26250  | 26359  | 222,900 | -50,250       | 2,07210    | 1,55420     | 3,23846                 | 9,7258              |
| 26300  | 26409  | 222,950 | -50,200       | 2,05628    | 1,54234     | 3,21302                 | 9,7257              |
| 26350  | 26460  | 223,000 | -50,150       | 2,04059    | 1,53057     | 3,18779                 | 9,7255              |
| 26400  | 26510  | 223,050 | -50,100       | 2,02502    | 1,51889     | 3,16276                 | 9,7254              |
| 26450  | 26561  | 223,100 | -50,050       | 2,00957    | 1,50731     | 3,13792                 | 9,7252              |
| 26500  | 26611  | 223,150 | -50,000       | 1,99425 +1 | 1,49581 +1  | 3,11330 -2              | 9,7251              |
| 26550  | 26661  | 223,200 | -49,950       | 1,97904    | 1,48441     | 3,08887                 | 9,7249              |
| 26600  | 26712  | 223,250 | -49,900       | 1,96396    | 1,47309     | 3,06463                 | 9,7247              |
| 26650  | 26762  | 223,300 | -49,850       | 1,94899    | 1,46186     | 3,04060                 | 9,7246              |
| 26700  | 26813  | 223,350 | -49,800       | 1,93414    | 1,45072     | 3,01675                 | 9,7244              |
| 26750  | 26863  | 223,400 | -49,750       | 1,91940    | 1,43967     | 2,99310                 | 9,7243              |
| 26800  | 26913  | 223,450 | -49,700       | 1,90479    | 1,42871     | 2,96964                 | 9,7241              |
| 26850  | 26964  | 223,500 | -49,650       | 1,89028    | 1,41783     | 2,94637                 | 9,7240              |
| 26900  | 27014  | 223,550 | -49,600       | 1,87589    | 1,40704     | 2,92329                 | 9,7238              |
| 26950  | 27065  | 223,600 | -49,550       | 1,86161    | 1,39633     | 2,90039                 | 9,7237              |
| 27000  | 27115  | 223,650 | -49,500       | 1,84745 +1 | 1,38570 +1  | 2,87767 -2              | 9,7235              |
| 27050  | 27166  | 223,700 | -49,450       | 1,83339    | 1,37516     | 2,85514                 | 9,7234              |
| 27100  | 27216  | 223,750 | -49,400       | 1,81945    | 1,36470     | 2,83279                 | 9,7232              |
| 27150  | 27266  | 223,800 | -49,350       | 1,80561    | 1,35432     | 2,81062                 | 9,7231              |
| 27200  | 27317  | 223,850 | -49,300       | 1,79189    | 1,34402     | 2,78863                 | 9,7229              |
| 27250  | 27367  | 223,900 | -49,250       | 1,77827    | 1,33381     | 2,76682                 | 9,7228              |
| 27300  | 27418  | 223,950 | -49,200       | 1,76475    | 1,32367     | 2,74518                 | 9,7226              |
| 27350  | 27468  | 224,000 | -49,150       | 1,75134    | 1,31362     | 2,72372                 | 9,7224              |
| 27400  | 27519  | 224,050 | -49,100       | 1,73804    | 1,30364     | 2,70242                 | 9,7223              |
| 27450  | 27569  | 224,100 | -49,050       | 1,72484    | 1,29374     | 2,68130                 | 9,7221              |
| 27500  | 27619  | 224,150 | -49,000       | 1,71175 +1 | 1,28392 +1  | 2,66035 -2              | 9,7220              |
| 27550  | 27670  | 224,200 | -48,950       | 1,69875    | 1,27417     | 2,63957                 | 9,7218              |
| 27600  | 27720  | 224,250 | -48,900       | 1,68586    | 1,26450     | 2,61895                 | 9,7217              |
| 27650  | 27771  | 224,300 | -48,850       | 1,67307    | 1,25491     | 2,59850                 | 9,7215              |
| 27700  | 27821  | 224,350 | -48,800       | 1,66038    | 1,24539     | 2,57821                 | 9,7214              |
| 27750  | 27872  | 224,400 | -48,750       | 1,64779    | 1,23594     | 2,55809                 | 9,7212              |
| 27800  | 27922  | 224,450 | -48,700       | 1,63529    | 1,22657     | 2,53813                 | 9,7211              |
| 27850  | 27973  | 224,500 | -48,650       | 1,62289    | 1,21727     | 2,51833                 | 9,7209              |
| 27900  | 28023  | 224,550 | -48,600       | 1,61060    | 1,20805     | 2,49869                 | 9,7208              |
| 27950  | 28073  | 224,600 | -48,550       | 1,59839    | 1,19889     | 2,47920                 | 9,7206              |

TABLE 5 (continued)

TABLEAU 5 (suite)

ТАБЛИЦА 5 (продолжение)

Values in terms of geometrical altitude. Valeurs en fonction de l'altitude géométrique.

Значения величин в функции геометрической высоты.

| <i>h</i> , m | <i>H</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | <i>ρ</i> , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-------------------------------|------------------------------|
| 28000        | 27877        | 224,527      | -48,623       | 1,61619 +1      | 1,21224 +1       | 2,50762 -2                    | 9,7208                       |
| 28050        | 27927        | 224,577      | -48,573       | 1,60405         | 1,20314          | 2,48823                       | 9,7207                       |
| 28100        | 27976        | 224,626      | -48,524       | 1,59200         | 1,19410          | 2,46900                       | 9,7205                       |
| 28150        | 28026        | 224,676      | -48,474       | 1,58005         | 1,18513          | 2,44992                       | 9,7204                       |
| 28200        | 28075        | 224,725      | -48,425       | 1,56819         | 1,17624          | 2,43100                       | 9,7202                       |
| 28250        | 28125        | 224,775      | -48,375       | 1,55642         | 1,16741          | 2,41222                       | 9,7201                       |
| 28300        | 28175        | 224,825      | -48,325       | 1,54474         | 1,15865          | 2,39359                       | 9,7199                       |
| 28350        | 28224        | 224,874      | -48,276       | 1,53315         | 1,14996          | 2,37511                       | 9,7198                       |
| 28400        | 28274        | 224,924      | -48,226       | 1,52166         | 1,14134          | 2,35678                       | 9,7196                       |
| 28450        | 28323        | 224,973      | -48,177       | 1,51025         | 1,13278          | 2,33859                       | 9,7195                       |
| 28500        | 28373        | 225,023      | -48,127       | 1,49893 +1      | 1,12429 +1       | 2,32055 -2                    | 9,7193                       |
| 28550        | 28422        | 225,072      | -48,078       | 1,48769         | 1,11586          | 2,30266                       | 9,7192                       |
| 28600        | 28472        | 225,122      | -48,028       | 1,47655         | 1,10750          | 2,28490                       | 9,7190                       |
| 28650        | 28521        | 225,171      | -47,979       | 1,46548         | 1,09920          | 2,26728                       | 9,7188                       |
| 28700        | 28571        | 225,221      | -47,929       | 1,45451         | 1,09097          | 2,24981                       | 9,7187                       |
| 28750        | 28621        | 225,271      | -47,879       | 1,44362         | 1,08280          | 2,23247                       | 9,7185                       |
| 28800        | 28670        | 225,320      | -47,830       | 1,43281         | 1,07470          | 2,21528                       | 9,7184                       |
| 28850        | 28720        | 225,370      | -47,780       | 1,42209         | 1,06666          | 2,19821                       | 9,7182                       |
| 28900        | 28769        | 225,419      | -47,731       | 1,41145         | 1,05867          | 2,18129                       | 9,7181                       |
| 28950        | 28819        | 225,469      | -47,681       | 1,40089         | 1,05076          | 2,16449                       | 9,7179                       |
| 29000        | 28868        | 225,518      | -47,632       | 1,39042 +1      | 1,04290 +1       | 2,14783 -2                    | 9,7178                       |
| 29050        | 28918        | 225,568      | -47,582       | 1,38002         | 1,03510          | 2,13131                       | 9,7176                       |
| 29100        | 28967        | 225,617      | -47,533       | 1,36970         | 1,02736          | 2,11491                       | 9,7175                       |
| 29150        | 29017        | 225,667      | -47,483       | 1,35947         | 1,01968          | 2,09865                       | 9,7173                       |
| 29200        | 29066        | 225,716      | -47,434       | 1,34931         | 1,01207          | 2,08251                       | 9,7172                       |
| 29250        | 29116        | 225,766      | -47,384       | 1,33923         | 1,00451          | 2,06650                       | 9,7170                       |
| 29300        | 29166        | 225,816      | -47,334       | 1,32923         | 9,97005 +0       | 2,05062                       | 9,7169                       |
| 29350        | 29215        | 225,865      | -47,285       | 1,31931         | 9,89561          | 2,03486                       | 9,7167                       |
| 29400        | 29265        | 225,915      | -47,235       | 1,30946         | 9,82174          | 2,01923                       | 9,7166                       |
| 29450        | 29314        | 225,964      | -47,186       | 1,29969         | 9,74845          | 2,00372                       | 9,7164                       |
| 29500        | 29364        | 226,014      | -47,136       | 1,28999 +1      | 9,67571 +0       | 1,98833 -2                    | 9,7163                       |
| 29550        | 29413        | 226,063      | -47,087       | 1,28037         | 9,60354          | 1,97307                       | 9,7161                       |
| 29600        | 29463        | 226,113      | -47,037       | 1,27082         | 9,53192          | 1,95793                       | 9,7160                       |
| 29650        | 29512        | 226,162      | -46,988       | 1,26134         | 9,46085          | 1,94290                       | 9,7158                       |
| 29700        | 29562        | 226,212      | -46,938       | 1,25194         | 9,39033          | 1,92800                       | 9,7157                       |
| 29750        | 29611        | 226,261      | -46,889       | 1,24261         | 9,32035          | 1,91321                       | 9,7155                       |
| 29800        | 29661        | 226,311      | -46,839       | 1,23335         | 9,25091          | 1,89854                       | 9,7153                       |
| 29850        | 29710        | 226,360      | -46,790       | 1,22417         | 9,18200          | 1,88399                       | 9,7152                       |
| 29900        | 29760        | 226,410      | -46,740       | 1,21505         | 9,11362          | 1,86955                       | 9,7150                       |
| 29950        | 29810        | 226,460      | -46,690       | 1,20600         | 9,04577          | 1,85522                       | 9,7149                       |
| 30000        | 29859        | 226,509      | -46,641       | 1,19703 +1      | 8,97843 +0       | 1,84101 -2                    | 9,7147                       |
| 30050        | 29909        | 226,559      | -46,591       | 1,18812         | 8,91162          | 1,82691                       | 9,7146                       |
| 30100        | 29958        | 226,608      | -46,542       | 1,17928         | 8,84531          | 1,81292                       | 9,7144                       |
| 30150        | 30008        | 226,658      | -46,492       | 1,17051         | 8,77952          | 1,79904                       | 9,7143                       |
| 30200        | 30057        | 226,707      | -46,443       | 1,16180         | 8,71423          | 1,78527                       | 9,7141                       |
| 30250        | 30107        | 226,757      | -46,393       | 1,15316         | 8,64944          | 1,77161                       | 9,7140                       |
| 30300        | 30156        | 226,806      | -46,344       | 1,14459         | 8,58514          | 1,75806                       | 9,7138                       |
| 30350        | 30206        | 226,856      | -46,294       | 1,13609         | 8,52135          | 1,74461                       | 9,7137                       |
| 30400        | 30255        | 226,905      | -46,245       | 1,12764         | 8,45804          | 1,73127                       | 9,7135                       |
| 30450        | 30305        | 226,955      | -46,195       | 1,11927         | 8,39521          | 1,71804                       | 9,7134                       |
| 30500        | 30354        | 227,004      | -46,146       | 1,11096 +1      | 8,33287 +0       | 1,70491 -2                    | 9,7132                       |
| 30550        | 30404        | 227,054      | -46,096       | 1,10271         | 8,27100          | 1,69188                       | 9,7131                       |
| 30600        | 30453        | 227,103      | -46,047       | 1,09452         | 8,20960          | 1,67896                       | 9,7129                       |
| 30650        | 30503        | 227,153      | -45,997       | 1,08640         | 8,14868          | 1,66613                       | 9,7128                       |
| 30700        | 30552        | 227,202      | -45,948       | 1,07834         | 8,08822          | 1,65341                       | 9,7126                       |
| 30750        | 30602        | 227,252      | -45,898       | 1,07034         | 8,02823          | 1,64079                       | 9,7125                       |
| 30800        | 30651        | 227,301      | -45,849       | 1,06240         | 7,96869          | 1,62827                       | 9,7123                       |
| 30850        | 30701        | 227,351      | -45,799       | 1,05453         | 7,90961          | 1,61584                       | 9,7122                       |
| 30900        | 30751        | 227,401      | -45,749       | 1,04671         | 7,85098          | 1,60352                       | 9,7120                       |
| 30950        | 30800        | 227,450      | -45,700       | 1,03895         | 7,79280          | 1,59129                       | 9,7119                       |

Values in terms of geopotential altitude. Valeurs en fonction de l'altitude géopotentielle.  
Значения величин в функции геопотенциальной высоты.

| <i>H</i> , m | <i>h</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | <i>ρ</i> , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-------------------------------|------------------------------|
| 28000        | 28124        | 224,650      | -48,500       | 1,58628 +1      | 1,18981 +1       | 2,45987 -2                    | 9,7204                       |
| 28050        | 28174        | 224,700      | -48,450       | 1,57427         | 1,18080          | 2,44070                       | 9,7203                       |
| 28100        | 28225        | 224,750      | -48,400       | 1,56235         | 1,17186          | 2,42167                       | 9,7201                       |
| 28150        | 28275        | 224,800      | -48,350       | 1,55052         | 1,16298          | 2,40281                       | 9,7200                       |
| 28200        | 28326        | 224,850      | -48,300       | 1,53878         | 1,15418          | 2,38409                       | 9,7198                       |
| 28250        | 28376        | 224,900      | -48,250       | 1,52714         | 1,14545          | 2,36552                       | 9,7197                       |
| 28300        | 28427        | 224,950      | -48,200       | 1,51559         | 1,13678          | 2,34710                       | 9,7195                       |
| 28350        | 28477        | 225,000      | -48,150       | 1,50412         | 1,12818          | 2,32883                       | 9,7194                       |
| 28400        | 28527        | 225,050      | -48,100       | 1,49275         | 1,11965          | 2,31071                       | 9,7192                       |
| 28450        | 28578        | 225,100      | -48,050       | 1,48146         | 1,11119          | 2,29273                       | 9,7191                       |
| 28500        | 28628        | 225,150      | -48,000       | 1,47026 +1      | 1,10279 +1       | 2,27489 -2                    | 9,7189                       |
| 28550        | 28679        | 225,200      | -47,950       | 1,45915         | 1,09445          | 2,25720                       | 9,7188                       |
| 28600        | 28729        | 225,250      | -47,900       | 1,44813         | 1,08618          | 2,23965                       | 9,7186                       |
| 28650        | 28780        | 225,300      | -47,850       | 1,43719         | 1,07798          | 2,22224                       | 9,7185                       |
| 28700        | 28830        | 225,350      | -47,800       | 1,42633         | 1,06984          | 2,20497                       | 9,7183                       |
| 28750        | 28881        | 225,400      | -47,750       | 1,41556         | 1,06176          | 2,18783                       | 9,7181                       |
| 28800        | 28931        | 225,450      | -47,700       | 1,40488         | 1,05374          | 2,17083                       | 9,7180                       |
| 28850        | 28982        | 225,500      | -47,650       | 1,39428         | 1,04579          | 2,15397                       | 9,7178                       |
| 28900        | 29032        | 225,550      | -47,600       | 1,38376         | 1,03790          | 2,13725                       | 9,7177                       |
| 28950        | 29082        | 225,600      | -47,550       | 1,37332         | 1,03007          | 2,12065                       | 9,7175                       |
| 29000        | 29133        | 225,650      | -47,500       | 1,36296 +1      | 1,02230 +1       | 2,10419 -2                    | 9,7174                       |
| 29050        | 29183        | 225,700      | -47,450       | 1,35268         | 1,01459          | 2,08786                       | 9,7172                       |
| 29100        | 29234        | 225,750      | -47,400       | 1,34248         | 1,00694          | 2,07166                       | 9,7171                       |
| 29150        | 29284        | 225,800      | -47,350       | 1,33236         | 9,99355 +0       | 2,05559                       | 9,7169                       |
| 29200        | 29335        | 225,850      | -47,300       | 1,32232         | 9,981825         | 2,03965                       | 9,7168                       |
| 29250        | 29385        | 225,900      | -47,250       | 1,31236         | 9,970353         | 2,02384                       | 9,7166                       |
| 29300        | 29436        | 225,950      | -47,200       | 1,30248         | 9,95938          | 2,00815                       | 9,7165                       |
| 29350        | 29486        | 226,000      | -47,150       | 1,29267         | 9,948581         | 1,99259                       | 9,7163                       |
| 29400        | 29537        | 226,050      | -47,100       | 1,28294         | 9,937881         | 1,97715                       | 9,7161                       |
| 29450        | 29587        | 226,100      | -47,050       | 1,27328         | 9,92738          | 1,96183                       | 9,7160                       |
| 29500        | 29638        | 226,150      | -47,000       | 1,26370 +1      | 9,917851 +0      | 1,94663 -2                    | 9,7158                       |
| 29550        | 29688        | 226,200      | -46,950       | 1,25419         | 9,9084719        | 1,93156                       | 9,7157                       |
| 29600        | 29738        | 226,250      | -46,900       | 1,24475         | 9,8993643        | 1,91661                       | 9,7155                       |
| 29650        | 29789        | 226,300      | -46,850       | 1,23539         | 9,890621         | 1,90177                       | 9,7154                       |
| 29700        | 29839        | 226,350      | -46,800       | 1,22610         | 9,8821954        | 1,88706                       | 9,7152                       |
| 29750        | 29890        | 226,400      | -46,750       | 1,21689         | 9,873741         | 1,87246                       | 9,7151                       |
| 29800        | 29940        | 226,450      | -46,700       | 1,20774         | 9,865881         | 1,85797                       | 9,7149                       |
| 29850        | 29991        | 226,500      | -46,650       | 1,19867         | 8,99074          | 1,84361                       | 9,7148                       |
| 29900        | 30041        | 226,550      | -46,600       | 1,18966         | 8,92320          | 1,82935                       | 9,7146                       |
| 29950        | 30092        | 226,600      | -46,550       | 1,18073         | 8,85618          | 1,81521                       | 9,7145                       |
| 30000        | 30142        | 226,650      | -46,500       | 1,17186 +1      | 8,78968 +0       | 1,80119 -2                    | 9,7143                       |
| 30050        | 30193        | 226,700      | -46,450       | 1,16306         | 8,72369          | 1,78727                       | 9,7142                       |
| 30100        | 30243        | 226,750      | -46,400       | 1,15433         | 8,65821          | 1,77346                       | 9,7140                       |
| 30150        | 30294        | 226,800      | -46,350       | 1,14567         | 8,59324          | 1,75977                       | 9,7138                       |
| 30200        | 30344        | 226,850      | -46,300       | 1,13708         | 8,52877          | 1,74618                       | 9,7137                       |
| 30250        | 30395        | 226,900      | -46,250       | 1,12855         | 8,46480          | 1,73270                       | 9,7135                       |
| 30300        | 30445        | 226,950      | -46,200       | 1,12008         | 8,40132          | 1,71933                       | 9,7134                       |
| 30350        | 30496        | 227,000      | -46,150       | 1,11169         | 8,33833          | 1,70606                       | 9,7132                       |
| 30400        | 30546        | 227,050      | -46,100       | 1,10335         | 8,27583          | 1,69290                       | 9,7131                       |
| 30450        | 30597        | 227,100      | -46,050       | 1,09508         | 8,21380          | 1,67984                       | 9,7129                       |
| 30500        | 30647        | 227,150      | -46,000       | 1,08688 +1      | 8,15226 +0       | 1,66689 -2                    | 9,7128                       |
| 30550        | 30698        | 227,200      | -45,950       | 1,07874         | 8,09119          | 1,65404                       | 9,7126                       |
| 30600        | 30748        | 227,250      | -45,900       | 1,07066         | 8,03059          | 1,64129                       | 9,7125                       |
| 30650        | 30799        | 227,300      | -45,850       | 1,06264         | 7,97047          | 1,62864                       | 9,7123                       |
| 30700        | 30849        | 227,350      | -45,800       | 1,05469         | 7,91080          | 1,61609                       | 9,7122                       |
| 30750        | 30899        | 227,400      | -45,750       | 1,04679         | 7,85159          | 1,60365                       | 9,7120                       |
| 30800        | 30950        | 227,450      | -45,700       | 1,03896         | 7,79284          | 1,59130                       | 9,7118                       |
| 30850        | 31000        | 227,500      | -45,650       | 1,03119         | 7,73454          | 1,57904                       | 9,7117                       |
| 30900        | 31051        | 227,550      | -45,600       | 1,02347         | 7,67669          | 1,56689                       | 9,7115                       |
| 30950        | 31101        | 227,600      | -45,550       | 1,01582         | 7,61929          | 1,55483                       | 9,7114                       |

TABLE 5 (continued)

TABLEAU 5 (suite)

ТАБЛИЦА 5 (продолжение)

Values in terms of geometrical altitude. Valeurs en fonction de l'altitude géométrique.  
Значения величин в функции геометрической высоты.

| <i>h</i> , m | <i>H</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | <i>ρ</i> , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-------------------------------|------------------------------|
| 31000        | 30850        | 227,500      | -45,650       | 1,03126 +1      | 7,73506 +0       | 1,57915 -2                    | 9,7117                       |
| 31050        | 30899        | 227,549      | -45,601       | 1,02362         | 7,67777          | 1,56711                       | 9,7115                       |
| 31100        | 30949        | 227,599      | -45,551       | 1,01604         | 7,62091          | 1,55517                       | 9,7114                       |
| 31150        | 30998        | 227,648      | -45,502       | 1,00851         | 7,56448          | 1,54332                       | 9,7112                       |
| 31200        | 31048        | 227,698      | -45,452       | 1,00105         | 7,50849          | 1,53156                       | 9,7111                       |
| 31250        | 31097        | 227,747      | -45,403       | 9,93641 +0      | 7,45292          | 1,51990                       | 9,7109                       |
| 31300        | 31147        | 227,797      | -45,353       | 9,86289         | 7,39778          | 1,50833                       | 9,7108                       |
| 31350        | 31196        | 227,846      | -45,304       | 9,78994         | 7,34306          | 1,49684                       | 9,7106                       |
| 31400        | 31246        | 227,896      | -45,254       | 9,71754         | 7,28876          | 1,48545                       | 9,7105                       |
| 31450        | 31295        | 227,945      | -45,205       | 9,64569         | 7,23487          | 1,47415                       | 9,7103                       |
| 31500        | 31345        | 227,995      | -45,155       | 9,57440 +0      | 7,18139 +0       | 1,46293 -2                    | 9,7102                       |
| 31550        | 31394        | 228,044      | -45,106       | 9,50364         | 7,12832          | 1,45181                       | 9,7100                       |
| 31600        | 31444        | 228,094      | -45,056       | 9,43342         | 7,07565          | 1,44077                       | 9,7099                       |
| 31650        | 31493        | 228,143      | -45,007       | 9,36374         | 7,02338          | 1,42982                       | 9,7097                       |
| 31700        | 31543        | 228,193      | -44,957       | 9,29459         | 6,97152          | 1,41895                       | 9,7096                       |
| 31750        | 31592        | 228,242      | -44,908       | 9,22597         | 6,92004          | 1,40817                       | 9,7094                       |
| 31800        | 31642        | 228,292      | -44,858       | 9,15787         | 6,86896          | 1,39747                       | 9,7093                       |
| 31850        | 31691        | 228,341      | -44,809       | 9,09028         | 6,81827          | 1,38686                       | 9,7091                       |
| 31900        | 31741        | 228,391      | -44,759       | 9,02322         | 6,76797          | 1,37632                       | 9,7090                       |
| 31950        | 31790        | 228,440      | -44,710       | 8,95665         | 6,71804          | 1,36588                       | 9,7088                       |
| 32000        | 31840        | 228,490      | -44,660       | 8,89060 +0      | 6,66850 +0       | 1,35551 -2                    | 9,7087                       |
| 32100        | 31939        | 228,589      | -44,561       | 8,76000         | 6,57054          | 1,33502                       | 9,7084                       |
| 32200        | 32038        | 228,756      | -44,394       | 8,63138         | 6,47407          | 1,31446                       | 9,7080                       |
| 32300        | 32137        | 229,033      | -44,117       | 8,50479         | 6,37912          | 1,29361                       | 9,7077                       |
| 32400        | 32236        | 229,310      | -43,840       | 8,38021         | 6,28568          | 1,27312                       | 9,7074                       |
| 32500        | 32335        | 229,587      | -43,563       | 8,25760         | 6,19371          | 1,25298                       | 9,7071                       |
| 32600        | 32434        | 229,864      | -43,286       | 8,13694         | 6,10321          | 1,23318                       | 9,7068                       |
| 32700        | 32533        | 230,141      | -43,009       | 8,01819         | 6,01414          | 1,21372                       | 9,7065                       |
| 32800        | 32632        | 230,419      | -42,731       | 7,90131         | 5,92647          | 1,19459                       | 9,7062                       |
| 32900        | 32731        | 230,696      | -42,454       | 7,78628         | 5,84019          | 1,17579                       | 9,7059                       |
| 33000        | 32830        | 230,973      | -42,177       | 7,67306 +0      | 5,75527 +0       | 1,15730 -2                    | 9,7056                       |
| 33100        | 32929        | 231,250      | -41,900       | 7,56162         | 5,67168          | 1,13912                       | 9,7053                       |
| 33200        | 33028        | 231,527      | -41,623       | 7,45194         | 5,58941          | 1,12126                       | 9,7050                       |
| 33300        | 33126        | 231,804      | -41,346       | 7,34398         | 5,50843          | 1,10369                       | 9,7047                       |
| 33400        | 33225        | 232,081      | -41,069       | 7,23771         | 5,42873          | 1,08642                       | 9,7044                       |
| 33500        | 33324        | 232,358      | -40,792       | 7,13310         | 5,35027          | 1,06945                       | 9,7041                       |
| 33600        | 33423        | 232,635      | -40,515       | 7,03014         | 5,27304          | 1,05275                       | 9,7038                       |
| 33700        | 33522        | 232,912      | -40,238       | 6,92878         | 5,19701          | 1,03634                       | 9,7035                       |
| 33800        | 33621        | 233,189      | -39,961       | 6,82901         | 5,12218          | 1,02020                       | 9,7032                       |
| 33900        | 33720        | 233,466      | -39,684       | 6,73079         | 5,04851          | 1,00434                       | 9,7029                       |
| 34000        | 33819        | 233,744      | -39,406       | 6,63410 +0      | 4,97598 +0       | 9,88736 -3                    | 9,7026                       |
| 34100        | 33918        | 234,021      | -39,129       | 6,53891         | 4,90459          | 9,73396                       | 9,7023                       |
| 34200        | 34017        | 234,298      | -38,852       | 6,44521         | 4,83430          | 9,58313                       | 9,7020                       |
| 34300        | 34116        | 234,575      | -38,575       | 6,35296         | 4,76511          | 9,43481                       | 9,7017                       |
| 34400        | 34215        | 234,852      | -38,298       | 6,26213         | 4,69699          | 9,28896                       | 9,7014                       |
| 34500        | 34314        | 235,129      | -38,021       | 6,17272         | 4,62992          | 9,14553                       | 9,7011                       |
| 34600        | 34413        | 235,406      | -37,744       | 6,08468         | 4,56389          | 9,00449                       | 9,7008                       |
| 34700        | 34512        | 235,682      | -37,468       | 5,99801         | 4,49888          | 8,86580                       | 9,7005                       |
| 34800        | 34611        | 235,959      | -37,191       | 5,91267         | 4,43487          | 8,72940                       | 9,7002                       |
| 34900        | 34709        | 236,236      | -36,914       | 5,82865         | 4,37184          | 8,59526                       | 9,6998                       |
| 35000        | 34808        | 236,513      | -36,637       | 5,74592 +0      | 4,30979 +0       | 8,46334 -3                    | 9,6995                       |
| 35100        | 34907        | 236,790      | -36,360       | 5,66446         | 4,24869          | 8,33360                       | 9,6992                       |
| 35200        | 35006        | 237,067      | -36,083       | 5,58425         | 4,18853          | 8,20600                       | 9,6989                       |
| 35300        | 35105        | 237,344      | -35,806       | 5,50527         | 4,12930          | 8,08050                       | 9,6986                       |
| 35400        | 35204        | 237,621      | -35,529       | 5,42751         | 4,07096          | 7,95707                       | 9,6983                       |
| 35500        | 35303        | 237,898      | -35,252       | 5,35093         | 4,01353          | 7,83567                       | 9,6980                       |
| 35600        | 35402        | 238,175      | -34,975       | 5,27552         | 3,95696          | 7,71627                       | 9,6977                       |
| 35700        | 35501        | 238,452      | -34,698       | 5,20126         | 3,90126          | 7,59882                       | 9,6974                       |
| 35800        | 35600        | 238,729      | -34,421       | 5,12813         | 3,84642          | 7,48330                       | 9,6971                       |
| 35900        | 35698        | 239,005      | -34,145       | 5,05612         | 3,79240          | 7,36944                       | 9,6968                       |

Values in terms of geopotential altitude. Valeurs en fonction de l'altitude géopotentielle.  
Значения величин в функции геопотенциальной высоты.

| $H, m$ | $h, m$ | $T, K$  | $t, ^\circ C$ | $p, mbar$  | $p, mm\ Hg$ | $\rho, kg \cdot m^{-3}$ | $g, m \cdot s^{-2}$ |
|--------|--------|---------|---------------|------------|-------------|-------------------------|---------------------|
| 31000  | 31152  | 227,650 | -45,500       | 1,00823 +1 | 7,56232 +0  | 1,54287 -2              | 9,7112              |
| 31050  | 31202  | 227,700 | -45,450       | 1,00069    | 7,50580     | 1,53100                 | 9,7111              |
| 31100  | 31253  | 227,750 | -45,400       | 9,93213 +0 | 7,44971     | 1,51922                 | 9,7109              |
| 31150  | 31303  | 227,800 | -45,350       | 9,85792    | 7,39405     | 1,50754                 | 9,7108              |
| 31200  | 31354  | 227,850 | -45,300       | 9,78429    | 7,33882     | 1,49595                 | 9,7106              |
| 31250  | 31404  | 227,900 | -45,250       | 9,71121    | 7,28401     | 1,48446                 | 9,7105              |
| 31300  | 31455  | 227,950 | -45,200       | 9,63871    | 7,22963     | 1,47305                 | 9,7103              |
| 31350  | 31505  | 228,000 | -45,150       | 9,56676    | 7,17566     | 1,46173                 | 9,7102              |
| 31400  | 31556  | 228,050 | -45,100       | 9,49536    | 7,12211     | 1,45051                 | 9,7100              |
| 31450  | 31606  | 228,100 | -45,050       | 9,42451    | 7,06897     | 1,43937                 | 9,7099              |
| 31500  | 31657  | 228,150 | -45,000       | 9,35420 +0 | 7,01623 +0  | 1,42832 -2              | 9,7097              |
| 31550  | 31707  | 228,200 | -44,950       | 9,28444    | 6,96390     | 1,41735                 | 9,7095              |
| 31600  | 31756  | 228,250 | -44,900       | 9,21521    | 6,91197     | 1,40648                 | 9,7094              |
| 31650  | 31808  | 228,300 | -44,850       | 9,14651    | 6,86045     | 1,39569                 | 9,7092              |
| 31700  | 31859  | 228,350 | -44,800       | 9,07834    | 6,80931     | 1,38498                 | 9,7091              |
| 31750  | 31909  | 228,400 | -44,750       | 9,01069    | 6,75857     | 1,37436                 | 9,7089              |
| 31800  | 31960  | 228,450 | -44,700       | 8,94356    | 6,70822     | 1,36382                 | 9,7088              |
| 31850  | 32010  | 228,500 | -44,650       | 8,87694    | 6,65825     | 1,35337                 | 9,7086              |
| 31900  | 32061  | 228,550 | -44,600       | 8,81083    | 6,60867     | 1,34299                 | 9,7085              |
| 31950  | 32111  | 228,600 | -44,550       | 8,74524    | 6,55947     | 1,33270                 | 9,7083              |
| 32000  | 32162  | 228,650 | -44,500       | 8,68014 +0 | 6,51064 +0  | 1,32249 -2              | 9,7082              |
| 32100  | 32263  | 228,930 | -44,220       | 8,55149    | 6,41415     | 1,30130                 | 9,7079              |
| 32200  | 32364  | 229,210 | -43,940       | 8,42490    | 6,31920     | 1,28047                 | 9,7076              |
| 32300  | 32465  | 229,490 | -43,660       | 8,30034    | 6,22577     | 1,26000                 | 9,7072              |
| 32400  | 32566  | 229,770 | -43,380       | 8,17776    | 6,13383     | 1,23988                 | 9,7069              |
| 32500  | 32667  | 230,050 | -43,100       | 8,05715    | 6,04336     | 1,22010                 | 9,7066              |
| 32600  | 32768  | 230,330 | -42,820       | 7,93845    | 5,95433     | 1,20067                 | 9,7063              |
| 32700  | 32869  | 230,610 | -42,540       | 7,82164    | 5,86671     | 1,18156                 | 9,7060              |
| 32800  | 32970  | 230,890 | -42,260       | 7,70669    | 5,78050     | 1,16279                 | 9,7057              |
| 32900  | 33071  | 231,170 | -41,980       | 7,59357    | 5,69565     | 1,14433                 | 9,7054              |
| 33000  | 33172  | 231,450 | -41,700       | 7,48224 +0 | 5,61214 +0  | 1,12619 -2              | 9,7051              |
| 33100  | 33273  | 231,730 | -41,420       | 7,37268    | 5,52996     | 1,10836                 | 9,7048              |
| 33200  | 33374  | 232,010 | -41,140       | 7,26485    | 5,44908     | 1,09083                 | 9,7045              |
| 33300  | 33475  | 232,290 | -40,860       | 7,15872    | 5,36948     | 1,07360                 | 9,7042              |
| 33400  | 33576  | 232,570 | -40,580       | 7,05427    | 5,29114     | 1,05666                 | 9,7039              |
| 33500  | 33677  | 232,850 | -40,300       | 6,95147    | 5,21403     | 1,04001                 | 9,7036              |
| 33600  | 33779  | 233,130 | -40,020       | 6,85028    | 5,13813     | 1,02364                 | 9,7033              |
| 33700  | 33880  | 233,410 | -39,740       | 6,75069    | 5,06343     | 1,00755                 | 9,7029              |
| 33800  | 33981  | 233,690 | -39,460       | 6,65266    | 4,98990     | 9,91729 -3              | 9,7026              |
| 33900  | 34082  | 233,970 | -39,180       | 6,55617    | 4,91753     | 9,76175                 | 9,7023              |
| 34000  | 34183  | 234,250 | -38,900       | 6,46119 +0 | 4,84629 +0  | 9,60884 -3              | 9,7020              |
| 34100  | 34284  | 234,530 | -38,620       | 6,36770    | 4,77617     | 9,45849                 | 9,7017              |
| 34200  | 34385  | 234,810 | -38,340       | 6,27567    | 4,70714     | 9,31068                 | 9,7014              |
| 34300  | 34486  | 235,090 | -38,060       | 6,18508    | 4,63919     | 9,16535                 | 9,7011              |
| 34400  | 34587  | 235,370 | -37,780       | 6,09590    | 4,57230     | 9,02245                 | 9,7008              |
| 34500  | 34688  | 235,650 | -37,500       | 6,00811    | 4,50645     | 8,88195                 | 9,7005              |
| 34600  | 34789  | 235,930 | -37,220       | 5,92168    | 4,44163     | 8,74380                 | 9,7002              |
| 34700  | 34890  | 236,210 | -36,940       | 5,83661    | 4,37781     | 8,60796                 | 9,6999              |
| 34800  | 34992  | 236,490 | -36,660       | 5,75285    | 4,31499     | 8,47438                 | 9,6996              |
| 34900  | 35093  | 236,770 | -36,380       | 5,67039    | 4,25314     | 8,34304                 | 9,6993              |
| 35000  | 35194  | 237,050 | -36,100       | 5,58921 +0 | 4,19225 +0  | 8,21388 -3              | 9,6990              |
| 35100  | 35295  | 237,330 | -35,820       | 5,50928    | 4,13230     | 8,08687                 | 9,6987              |
| 35200  | 35396  | 237,610 | -35,540       | 5,43059    | 4,07328     | 7,96196                 | 9,6983              |
| 35300  | 35497  | 237,890 | -35,260       | 5,35311    | 4,01516     | 7,83914                 | 9,6980              |
| 35400  | 35598  | 238,170 | -34,980       | 5,27683    | 3,95795     | 7,71835                 | 9,6977              |
| 35500  | 35699  | 238,450 | -34,700       | 5,20172    | 3,90161     | 7,59955                 | 9,6974              |
| 35600  | 35800  | 238,730 | -34,420       | 5,12777    | 3,84614     | 7,48272                 | 9,6971              |
| 35700  | 35902  | 239,010 | -34,140       | 5,05496    | 3,79153     | 7,36783                 | 9,6968              |
| 35800  | 36003  | 239,290 | -33,860       | 4,98326    | 3,73775     | 7,25482                 | 9,6965              |
| 35900  | 36104  | 239,570 | -33,580       | 4,91266    | 3,68480     | 7,14468                 | 9,6962              |

TABLE 5 (continued)

TABLEAU 5 (suite)

ТАБЛИЦА 5 (продолжение)

Values in terms of geometrical altitude. Valeurs en fonction de l'altitude géométrique.  
Значения величин в функции геометрической высоты.

| <i>h</i> , m | <i>H</i> , m | <i>T</i> , K | <i>t</i> , °C | <i>p</i> , mbar | <i>p</i> , mm Hg | <i>ρ</i> , kg·m <sup>-3</sup> | <i>g</i> , m·s <sup>-2</sup> |
|--------------|--------------|--------------|---------------|-----------------|------------------|-------------------------------|------------------------------|
| 36000        | 35797        | 239,282      | -33,868       | 4,98520 +0      | 3,73921 +0       | 7,25789 -3                    | 9,6965                       |
| 36100        | 35896        | 239,559      | -33,591       | 4,91536         | 3,68682          | 7,14794                       | 9,6962                       |
| 36200        | 35995        | 239,836      | -33,314       | 4,84658         | 3,63524          | 7,03978                       | 9,6959                       |
| 36300        | 36094        | 240,113      | -33,037       | 4,77884         | 3,58443          | 6,93339                       | 9,6956                       |
| 36400        | 36193        | 240,390      | -32,760       | 4,71213         | 3,53439          | 6,82872                       | 9,6953                       |
| 36500        | 36292        | 240,667      | -32,483       | 4,64642         | 3,48510          | 6,72576                       | 9,6950                       |
| 36600        | 36390        | 240,943      | -32,207       | 4,58171         | 3,43657          | 6,62447                       | 9,6947                       |
| 36700        | 36489        | 241,220      | -31,930       | 4,51797         | 3,38876          | 6,52482                       | 9,6944                       |
| 36800        | 36588        | 241,497      | -31,653       | 4,45520         | 3,34167          | 6,42678                       | 9,6941                       |
| 36900        | 36687        | 241,774      | -31,376       | 4,39337         | 3,29530          | 6,33033                       | 9,6938                       |
| 37000        | 36786        | 242,050      | -31,100       | 4,33246 +0      | 3,24961 +0       | 6,23544 -3                    | 9,6935                       |
| 37100        | 36885        | 242,327      | -30,823       | 4,27247         | 3,20462          | 6,14208                       | 9,6932                       |
| 37200        | 36984        | 242,604      | -30,546       | 4,21339         | 3,16030          | 6,05022                       | 9,6929                       |
| 37300        | 37082        | 242,881      | -30,269       | 4,15518         | 3,11664          | 5,95985                       | 9,6926                       |
| 37400        | 37181        | 243,157      | -29,993       | 4,09785         | 3,07364          | 5,87092                       | 9,6923                       |
| 37500        | 37280        | 243,434      | -29,716       | 4,04137         | 3,03128          | 5,78343                       | 9,6920                       |
| 37600        | 37379        | 243,711      | -29,439       | 3,98574         | 2,98955          | 5,69734                       | 9,6917                       |
| 37700        | 37478        | 243,988      | -29,162       | 3,93093         | 2,94844          | 5,61263                       | 9,6914                       |
| 37800        | 37577        | 244,264      | -28,886       | 3,87695         | 2,90795          | 5,52927                       | 9,6911                       |
| 37900        | 37675        | 244,541      | -28,609       | 3,82376         | 2,86806          | 5,44725                       | 9,6908                       |
| 38000        | 37774        | 244,818      | -28,332       | 3,77137 +0      | 2,82876 +0       | 5,36653 -3                    | 9,6904                       |
| 38100        | 37873        | 245,094      | -28,056       | 3,71975         | 2,79004          | 5,28711                       | 9,6901                       |
| 38200        | 37972        | 245,371      | -27,779       | 3,66890         | 2,75190          | 5,20895                       | 9,6898                       |
| 38300        | 38071        | 245,648      | -27,502       | 3,61880         | 2,71432          | 5,13203                       | 9,6895                       |
| 38400        | 38169        | 245,924      | -27,226       | 3,56944         | 2,67730          | 5,05634                       | 9,6892                       |
| 38500        | 38268        | 246,201      | -26,949       | 3,52081         | 2,64082          | 4,98185                       | 9,6889                       |
| 38600        | 38367        | 246,478      | -26,672       | 3,47290         | 2,60489          | 4,90854                       | 9,6886                       |
| 38700        | 38466        | 246,754      | -26,396       | 3,42569         | 2,56948          | 4,83639                       | 9,6883                       |
| 38800        | 38565        | 247,031      | -26,119       | 3,37918         | 2,53459          | 4,76539                       | 9,6880                       |
| 38900        | 38663        | 247,308      | -25,842       | 3,33335         | 2,50022          | 4,69550                       | 9,6877                       |
| 39000        | 38762        | 247,584      | -25,566       | 3,28820 +0      | 2,46635 +0       | 4,62672 -3                    | 9,6874                       |
| 39100        | 38861        | 247,861      | -25,289       | 3,24371         | 2,43298          | 4,55903                       | 9,6871                       |
| 39200        | 38960        | 248,137      | -25,013       | 3,19987         | 2,40010          | 4,49240                       | 9,6868                       |
| 39300        | 39059        | 248,414      | -24,736       | 3,15667         | 2,36770          | 4,42682                       | 9,6865                       |
| 39400        | 39157        | 248,690      | -24,460       | 3,11410         | 2,33577          | 4,36227                       | 9,6862                       |
| 39500        | 39256        | 248,967      | -24,183       | 3,07216         | 2,30431          | 4,29873                       | 9,6859                       |
| 39600        | 39355        | 249,244      | -23,906       | 3,03083         | 2,27331          | 4,23619                       | 9,6856                       |
| 39700        | 39454        | 249,520      | -23,630       | 2,99010         | 2,24276          | 4,17463                       | 9,6853                       |
| 39800        | 39552        | 249,797      | -23,353       | 2,94996         | 2,21265          | 4,11403                       | 9,6850                       |
| 39900        | 39651        | 250,073      | -23,077       | 2,91040         | 2,18298          | 4,05438                       | 9,6847                       |
| 40000        | 39750        | 250,350      | -22,800       | 2,87143 +0      | 2,15375 +0       | 3,99566 -3                    | 9,6844                       |
| 40100        | 39849        | 250,626      | -22,524       | 2,83301         | 2,12493          | 3,93786                       | 9,6841                       |
| 40200        | 39947        | 250,903      | -22,247       | 2,79515         | 2,09654          | 3,88095                       | 9,6838                       |
| 40300        | 40046        | 251,179      | -21,971       | 2,75784         | 2,06855          | 3,82494                       | 9,6835                       |
| 40400        | 40145        | 251,456      | -21,694       | 2,72107         | 2,04097          | 3,76979                       | 9,6832                       |
| 40500        | 40244        | 251,732      | -21,418       | 2,68483         | 2,01379          | 3,71550                       | 9,6829                       |
| 40600        | 40342        | 252,009      | -21,141       | 2,64912         | 1,98700          | 3,66205                       | 9,6826                       |
| 40700        | 40441        | 252,285      | -20,865       | 2,61391         | 1,96060          | 3,60943                       | 9,6823                       |
| 40800        | 40540        | 252,561      | -20,589       | 2,57922         | 1,93457          | 3,55762                       | 9,6820                       |
| 40900        | 40639        | 252,838      | -20,312       | 2,54502         | 1,90892          | 3,50661                       | 9,6817                       |
| 41000        | 40737        | 253,114      | -20,036       | 2,51132 +0      | 1,88364 +0       | 3,45639 -3                    | 9,6814                       |
| 41100        | 40836        | 253,391      | -19,759       | 2,47810         | 1,85872          | 3,40695                       | 9,6811                       |
| 41200        | 40935        | 253,667      | -19,483       | 2,44535         | 1,83416          | 3,35826                       | 9,6808                       |
| 41300        | 41033        | 253,944      | -19,206       | 2,41307         | 1,80995          | 3,31033                       | 9,6805                       |
| 41400        | 41132        | 254,220      | -18,930       | 2,38126         | 1,78609          | 3,26313                       | 9,6802                       |
| 41500        | 41231        | 254,496      | -18,654       | 2,34989         | 1,76257          | 3,21666                       | 9,6798                       |
| 41600        | 41330        | 254,773      | -18,377       | 2,31898         | 1,73938          | 3,17090                       | 9,6795                       |
| 41700        | 41428        | 255,049      | -18,101       | 2,28851         | 1,71652          | 3,12584                       | 9,6792                       |
| 41800        | 41527        | 255,325      | -17,825       | 2,25847         | 1,69399          | 3,08147                       | 9,6789                       |
| 41900        | 41626        | 255,602      | -17,548       | 2,22885         | 1,67178          | 3,03776                       | 9,6786                       |