NASA Technical Memorandum 86478

Global Matrix of Thermospheric Density Values for Selected Solar/Geomagnetic Conditions and Spacecraft Orbital Altitudes

Dale L. Johnson

DECEMBER 1984

NASA

NASA Technical Memorandum 86478

Global Matrix of Thermospheric Density Values for Selected Solar/Geomagnetic Conditions and Spacecraft Orbital Altitudes

Dale L. Johnson
George C. Marshall Space Flight Center
Marshall Space Flight Center, Alabama

NASA
National Aeronautics
and Space Administration
Scientific and Technical
Information Branch

1984

TABLE OF CONTENTS

LIST OF ILLUSTRATIONS

LIST OF TABLES

TECHNICAL MEMORANDUM

GLOBAL MATRIX OF THERMOSPHERIC DENSITY VALUES FOR SELECTED SOLAR/ GEOMAGNETIC CONDITIONS AND SPACECRAFT ORBITAL ALTITUDES

INTRODUCTION

Presented in this report are selected atmospheric global density values at thermospheric and exospheric altitudes above the Earth, under differing solar and geomagnetic conditions as computed by the MSFC/J70 Reference Orbital Atmosphere Model (Reference 1; section A.3, Appendix A).

The altitudes selected for presentation in this report are those of interest to the Space Station [2] and the Tethered Satellite. The nineteen altitudes selected for presentation in this report are listed in Table 1.

Four differing solar/geomagnetic conditions — ranging from low to peak solar activities (Table 2) — were used as inputs in the MSFC/J70 model. These are design conditions used by the MSFC Atmospheric Sciences Division in the development of criteria inputs for use in various MSFC projects.

Atmospheric density values (kg/m^3) were computed on a 614 point global matrix with a 10 deg latitude/longitude spacing for each of the 19 altitude levels. These global density values representing low, nominal, high and peak solar input conditions are presented in Tables 3 through 6, respectively. March 21st at 1400 UT was selected for the calculations and this results in the diurnal density bulge being located on the equator. Throughout the year the density bulge follows the sub-solar point in terms of its Earth latitude location.

The density data presented in this gridded format are intended to provide the engineer/researcher a better understanding of the density variation of the atmosphere, as a function of different solar/geomagnetic conditions, at these different orbital altitudes. Individual orbital trajectories may be placed over the tables so that density variations around an orbit can be studied. An example of this is presented in a subsequent section of this report. The matrix mean density value is calculated and presented in each table.

The gridded density values presented in this report do not represent all the dynamics of the thermosphere since the MSFC/J70 model is based on smoothed satellite drag/lifetime data, and the within orbit and geomagnetic storm atmospheric density dynamics have been smoothed in the process.

DENSITY TABLES

Tables 3 through 6 present altitude based global density gridded results for low, nominal, high and peak solar/geomagnetic conditions, respectively. There is an individual table for every altitude level, for each of the four input conditions.

ANALYSES

The minimum, mean, and maximum density value has been extracted from each matrix and these are presented in Table 7 as a function of altitude level. The percentage values given in Table 7 represent the percent density change from minimum to maximum density, for each solar condition/altitude category. Figure 1 is a plot of the Table 7 mean and extreme values of density (kg/m^3) versus altitude (km). One can readily see how the variability with solar activity in the MSFC/J70 model is constrained as one approaches the model boundary condition established at 90 km altitude by Jacchia [3]. Those using the model in the lower altitudes should keep this fact in mind. The density variability between 90 and 115 km altitude, as presented in the MSFC/GRA model [4] which uses the MSFC/J70, is somewhat larger due to the elimination of the GRA's J70 90 km boundary condition.

Finally, depending on the orbit altitude, the variation in atmospheric density within an orbit, resulting from an orbit that goes from the minimum to the maximum density value as given in the matrix, can exceed a percentage increase of 485 percent. Figure 2 illustrates how much the density calculation from the model can vary within an orbit during low, high and peak solar/geomagnetic conditions between 130 and 1100 km altitude, assuming solar activity remains constant during the orbital period. Also the altitude of the maximum diurnal density difference increases as the solar/geomagnetic conditions increase. The maximum diurnal density difference during low solar conditions occurs at 500 km altitude while the density difference during high solar conditions occurs between 900 and 1000 km altitude. The model output indicates the altitude for maximum variation for peak solar conditions occurs above 1100 km.

The two figures show that during low solar/geomagnetic conditions there is a larger percentage variation in density from night-to-day at lower altitudes as compared with those derived from high or peak solar/geomagnetic conditions.

ORBITAL DENSITY EXAMPLE

A first estimate of the density to be encountered by a spacecraft can be obtained from the density tables given in this report. The example presented in Table 8 represents one orbit realization involving the Space Station. An altitude of 270 nautical miles (500 km) and an orbit inclination of 28.5 deg were selected during high solar/geomagnetic conditions. This 500 km altitude circular orbit is presented in Table 8, overlaying a matrix of computed density values with a spacing of 10 deg for latitude and longitude. This results in the spacecraft encountering 12 separate density matrix locations on its orbit around the globe.

The specific example presented in Table 8 represents an orbit crossing the equator at 0 deg and again at 180 deg longitude. The mean density for this orbit (0.3319×10^{-11} kg/m^3) is the maximum density mean when considering any of the other 35 orbital paths. The orbit goes through the density bulge centered at approximately 0 deg latitude/0 deg longitude (with maximum density of 0.5031×10^{-11} kg/m^3), as well as through the minimum density area (0.2198×10^{-11} kg/m^3) at 0 deg latitude/180 deg longitude. This represents a variation of 129 percent in density within this orbit example.

Table 9 lists the mean density magnitudes for 18 orbit scenarios at 500 km altitude. The orbit presented in Table 8 corresponds to the 12-point orbit mean, entitled 0 deg E longitude, in Table 9. It refers to the longitude where the orbit crosses the equator. The variation between any of the 18 orbit means in Table 9 is small. For example the maximum orbit density mean of 0.3319×10^{-11} kg/m^3 (for the 0 deg longitude crossing orbit) is only 0.6 percent greater than the minimum orbit density mean of 0.3301×10^{-11} kg/m^3 (for the 280 deg longitude crossing orbit). However both of these orbit means are greater than the entire 612 point, -90 deg to +90 deg latitude, matrix mean value of 0.3262×10^{-11} kg/m^3. The 0 deg longitude crossing orbit mean density value is only 1.8 percent greater than the matrix (global) mean. While the 280 deg longitude crossing orbit mean value is 1.2 percent greater than the matrix (global) mean density. Examples like this can be developed for other altitude levels, solar/geomagnetic conditions, and orbit inclinations. Running the MSFC/J70 model for a different time of year will also alter orbit means from those given in these sample calculations.

CONCLUSION

This report presents some typical day-night atmospheric density values on a horizontal gridded global matrix for 19 selected thermospheric/exospheric altitude levels between 130 and 1100 km. These density calculations are representative of four different solar/geomagnetic conditions ranging from low to peak solar/geomagnetic activity.

These results were developed to provide some examples for "frame-of-reference" information on orbit density values at various altitudes and solar/geomagnetic conditions. A typical analysis of individual orbital density values that may be encountered by a spacecraft is presented as an example.

NOTE:

This report and the calculations of density using the MSFC/J70 upper atmosphere model was accomplished to help provide additional insight for engineers/researchers on the magnitudes of day-night density variations, etc. Specific values of density to be used for design or mission analysis should be obtained from the MSFC Atmospheric Sciences Division and requested through the responsible flight project office representative.

REFERENCES

1. Smith, Robert E., and West, George S : Space and Planetary Environment Criteria Guidelines for Use in Space Vehicle Development, 1982 Revision (Volume 1). NASA TM-82478, January 1983.*

2. Vaughan, William W.: Natural Environment Design Criteria for the Space Station Definition and Preliminary Design (First Revision). NASA TM-86460, September 1984.

3. Jacchia, L. G.: New Static Models of the Thermosphere and Exosphere With Empirical Temperature Profiles. SAO Special Report 313, May 6, 1970.

4. Justus, C. G., et al.: The NASA/MSFC Global Reference Atmospheric Model - Mod 3 (With Spherical Harmonic Wind Model), NASA CR-3256, March 1980.

* Also see the following for more specific details on the MSFC/J70 upper atmosphere model description:

A. "Models of Earth's Atmosphere (90 to 2500 km), NASA SP-8021, Revised March 1973.

B. Justus, C. G., et al.: "The NASA/MSFC Global Reference Atmospheric Model - Mod 3 (With Spherical Harmonic Wind Model), NASA CR-3256, March 1980.

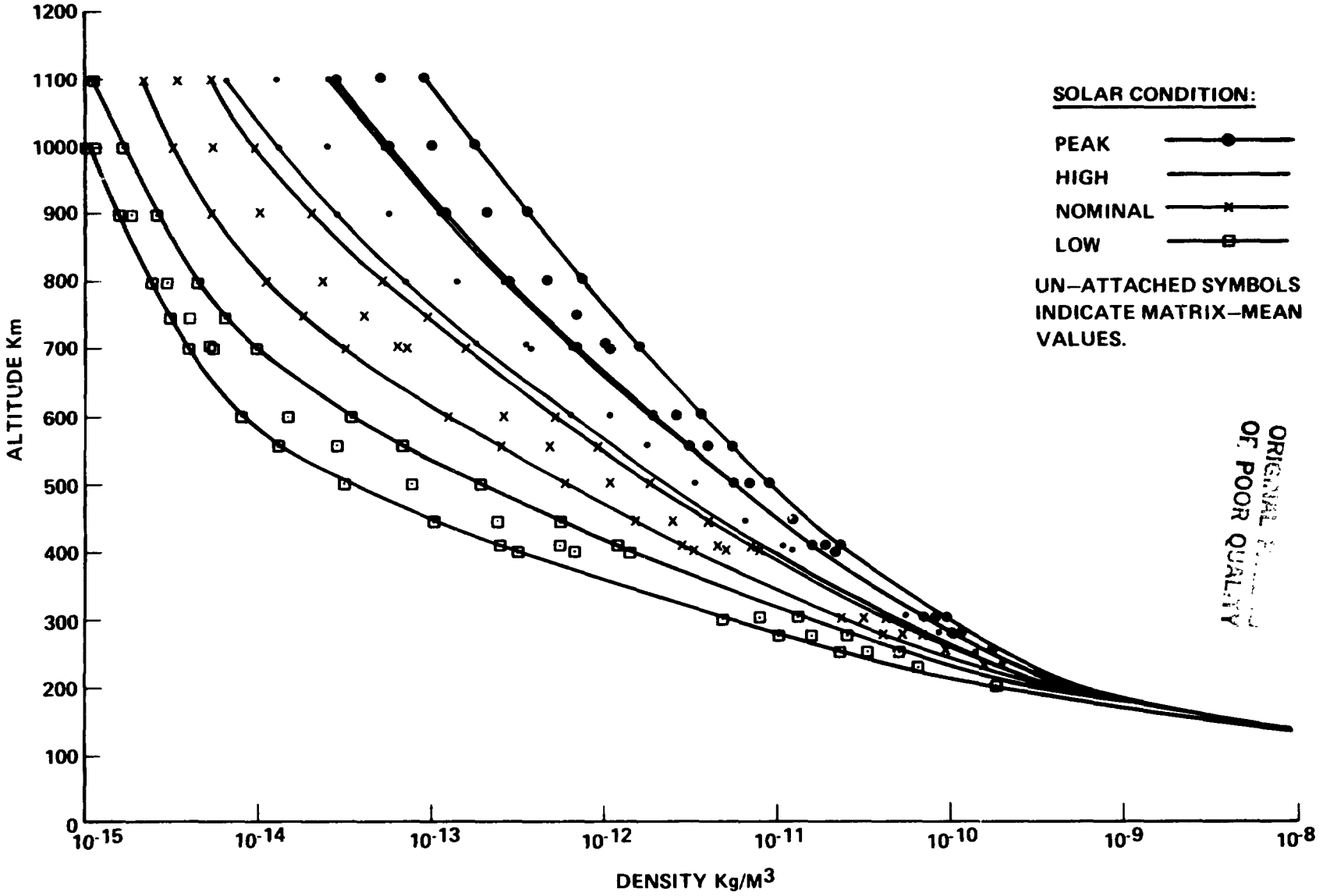

Figure 1. MSFC/J70 mean and extreme density values from 130 to 1100 km altitude, given four different solar/geomagnetic conditions.

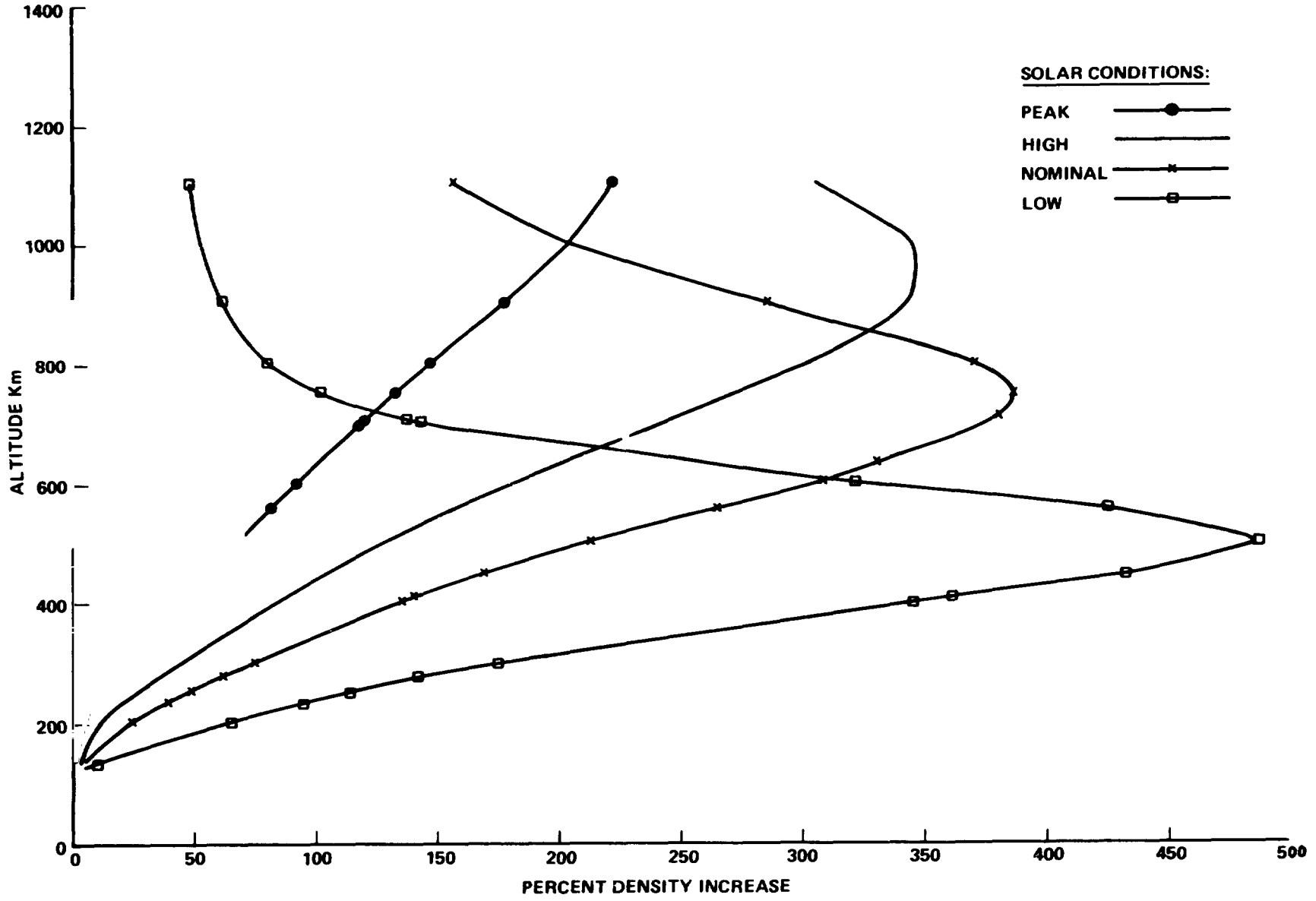

Figure 2. Percent increase from MSFC/J70 minimum density matrix value to maximum density matrix value, for different solar conditions.

TABLE 1. 19 ALTITUDE LEVELS SELECTED FOR THE OUTPUT OF ATMOSPHERIC DENSITY IN THIS REPORT

Altitude Level (km)			
130	300	556	800
200	400	600	900
230	408	700	1000
250	445	705	1100
275	500	750	

TABLE 2. SOLAR FLUX AND GEOMAGNETIC INDEX MSFC/J70 MODEL INPUT VALUES USED

Solar/Geomagnetic Condition	Daily F10.7 cm Solar Flux	162-day Average Solar Flux	Geomagnetic Index A_p
Low	70	70	0
Nominal	150	150	15
High	230	230	35
Peak	230	230	400

TABLE 3. MSFC/J70 GLOBAL DENSITY VALUES GIVEN LOW SOLAR/GEOMAGNETIC CONDITIONS DURING A VERNAL EQUINOX PERIOD

DENSITIES (KG/M3)

DATE: MAR 21 1978 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 130.0
F10: 70.00 F100: 70.00 GI: 0.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80	-70.	-60.	-50.	-40	-30	-20.	-10	0.	(-SOUTH) LATITUDES (+NORTH) 10	20.	30	40	50	60	70	80
0.	.7650E-08	.7721E-08	.7783E-08	.7840E-08	7891E-08	.7934E-08	.7965E-08	.7985E-08	.7992E-08	.7988E-08	.7973E-08	.7963E-08	7939E-08	.7908E-08	7868E-08	7821E-08	7767E-08
10.	7657E-08	.7720E-08	.7780E-08	.7837E-08	.7888E-08	7930E-08	7962E-08	.7981E-08	7988E-08	.7985E-08	7975E-08	.7959E-08	.7936E-08	.7905E-08	7866E-08	7820E-08	7766E-08
20	.7654E-08	7713E-08	.7771E-08	.7826E-08	.7875E-08	7916E-08	.7947E-08	.7966E-08	.7972E-08	.7969E-08	.7960E-08	.7945E-08	7923E-08	7893E-08	7857E-08	7813E-08	7763E-08
30.	7648E-08	7702E-08	.775uE-08	.7807E-08	.7853E-08	7892E-08	.7921E-08	.7940E-08	7946E-08	.7943E-08	.7935E-08	.7921E-08	7901E-08	.7874E-08	7841E-08	7802E-08	7757E-08
40.	.7640E-08	.7687E-08	.7735E-08	.7781E-08	.7824E-08	.7859E-08	.7887E-08	.7904E-08	.791UE-08	.7907E-08	.7900E-08	.7888E-08	7871E-08	7848E-08	7820E-08	7787E-08	.7749E-08
50.	.7631E-08	.7670E-08	.7710E-08	.7750E-08	.7787E-08	.7820E-08	.7845E-08	.7861E-08	.7866E-08	.7864E-08	.7858E-08	.7848E-08	.7834E-08	.7817E-08	7795E-08	7769E-08	7740E-08
60.	.7621E-08	.7650E-08	.7682E-08	.7713E-0u	.7746E-08	.7774E-08	.7796E-08	.7811E-08	.7816E-08	.7814E-08	.7809E-08	.7803E-08	.7793E-08	.7781E-08	.7767E-08	.7749E-08	.7729E-08
70	.7610E-08	.7629E-08	.7652E-08	.7677E-08	.7702E-08	7725E-08	7744E-08	7756E-08	7761E-08	7759E-08	7757E-08	.7753E-08	7748E-08	7743E-08	7736E-08	7728E-08	7718E-08
80	.7599E-08	.7607E-08	.7621E-08	.7637E-08	.7656E-08	.7673E-08	.7688E-08	.7699E-08	.7703E-08	.7702E-08	.7701E-08	.7703E-08	.7702E-08	.7703E-08	.7705E-08	.7706E-08	.7707E-08
90	.7588E-08	.7586E-08	.7596E-08	.7590E-08	.760%E-08	7621E-08	.763ZE-08	.7641E-08	.7644E-08	.7644E-08	.7645E-08	.7649E-08	.7655E-08	.7663E-08	.7673E-0u	.7685E-08	.7696E-08
100	.7578E-08	.7566E-08	.7563E-08	.7560E-08	.7564E-08	.7570E-08	.7578E-08	.7584E-08	.7587E-08	.7588E-08	.7591E-08	.7596E-08	.7609E-08	.7625E-08	.7643E-08	.7664E-08	.7686E-08
110.	.7569E-08	.7547E-08	.7533E-08	.7524E-08	.7521E-08	.7523E-08	.7527E-08	.7531E-08	.7537E-08	.7534E-08	.7539E-08	.7550E-08	.7567E-08	.7589E-08	.7615E-08	.7645E-08	.7676F-08
120.	.7560E-08	.7531E-08	.7508E-08	.7492E-08	.7483E-08	.7480E-08	.7480E-08	.7482E-08	.7484E-08	.7485E-08	.7493E-08	.7507E-08	.7528E-08	.7557E-08	.7591E-08	.7628E-08	.7668E-08
130.	.7553E-08	.7517E-08	.7487E-08	.7465E-08	.7458E-08	.7442E-08	.7439E-08	.7440E-08	.7441E-08	.7443E-08	.7452E-08	.7469E-08	.7495E-08	.7529E-08	.7569E-08	.7614E-08	.7661E-08
140.	.7548E-08	.7505E-08	.7470E-08	.7442E-08	.7423E-08	.7412E-08	.7406E-08	.7405E-08	.7406E-08	.7408E-08	.7419E-08	.7439E-08	.7468E-08	.7506E-08	.7552E-08	.7602E-08	.7655E-08
150.	.7543E-08	.7496E-08	.7457E-08	.7425E-08	.7403E-08	.7388E-08	.7381E-08	.7379E-08	.7379E-08	.7382E-08	.7393E-08	.7415E-08	.7447E-08	.7489E-08	.7539E-08	.7594E-08	.7651E-08
160.	.7540E-08	.7490E-08	.7448E-08	.7414E-08	.7388E-08	.7372E-08	.7363E-08	.7360E-08	.7360E-08	.7363E-08	.7376E-08	.7399E-08	.7433E-08	.7477E-08	.7530E-08	.7588E-08	.7648E-08
170.	.7539E-08	.7487E-08	.7442E-08	.7407E-08	.7380E-08	.7362E-08	.7353E-08	.7349E-08	.7349E-08	.7352E-08	.7365E-08	.7389E-08	.7424E-08	.7470E-08	.7524E-08	.7584E-08	.7646E-08
180.	.7538E-08	.7485E-08	.7440E-08	.7403E-08	.7376E-08	.7358E-08	.7348E-08	.7344E-08	.7344E-08	.7347E-08	.7360E-08	.7385E-08	.7421E-08	.7467E-08	.7522E-08	.7582E-08	.7645E-08
190.	.7538E-08	.7485E-08	.7439E-08	.7402E-08	.7375E-08	.7357E-08	.7347E-08	.7343E-08	.7343E-08	.7346E-08	.7359E-08	.7384E-08	.7420E-08	.7466E-08	.7521E-08	.7582E-08	.7645E-08
200.	.7538E-08	.7485E-08	.7439E-08	.7403E-08	.7375E-08	.7357E-08	.7347E-08	.7343E-08	.7343E-08	.7346E-08	.7359E-08	.7384E-08	.7420E-08	.7466E-08	.7521E-08	.7582E-08	.7645E-08
210.	.7538E-08	.7486E-08	.7440E-08	.7404E-08	.7377E-08	.7359E-08	.7349E-08	.7345E-08	.7345E-08	.7348E-08	.7361E-08	.7386E-08	.7421E-08	.7468E-08	.7522E-08	.7583E-08	.7645E-08
220.	.7539E-08	.7488E-08	.7444E-08	.7409E-08	.7383E-08	.7365E-08	.7356E-08	.7353E-08	.7353E-08	.7356E-08	.7368E-08	.7392E-08	.7427E-08	.7472E-08	.7526E-08	.7585E-08	.7647E-08
230.	.7542E-08	.7493E-08	.7452E-08	.7419E-08	.7395E-08	.7379E-08	.7371E-08	.7369E-08	.7369E-08	.7372E-08	.7384E-08	.7406E-08	.7440E-08	.7483E-08	.7534E-08	.7590E-08	.7649E-08
240.	.7546E-08	.7502E-08	.7465E-08	.7436E-08	.7416E-08	.7403E-08	.7397E-08	.7395E-08	.7396E-08	.7399E-08	.7409E-08	.7430E-08	.7460E-08	.7500E-08	.7547E-08	.7599E-08	.7653E-08
250	.7552E-08	.7515E-08	.7484E-08	.7461E-08	.7446E-08	.7437E-08	.7434E-08	.7434E-08	.7435E-08	.7437E-08	.7447E-08	.7464E-08	.7491E-08	.7525E-08	.7566E-08	.7612E-08	.7660E-08
260.	.7561E-08	.7532E-08	.7509E-08	.7494E-08	.7485E-08	.7482E-08	.7482E-08	.7485E-08	.7486E-08	.7488E-08	.7495E-08	.7509E-08	.7530E-08	.7558E-08	.7592E-08	.7629E-08	.7668E-08
270.	.7571E-08	.7552E-08	.7540E-08	.7534E-08	.7533E-08	.7536E-08	.7541E-08	.7545F-08	.754ME-08	.7549E-08	.7553F-08	.7563E-08	.7570E-08	.7599E-08	.7623E-08	.7658E-08	.7679E-08
280	.7583E-08	.7576E-08	.7575E-08	.7579E-08	.7586E-08	.7596E-08	.7605E-08	.761Ju-08	.7616L-08	.7616L-08	.7616E-08	.7624E-08	.7632E-08	.7644E-08	.7658E-08	.7674E-08	.7691E-08
290.	.7596E-08	.7602E-08	.7612E-08	.7627E-08	.7643E-08	.7659E-08	.7674E-08	.7684E-08	.7687E-08	.7687E-08	.7687E-08	.7687E-08	.7689E-08	.7692E-08	.7696E-08	.7700E-08	.7704E-08
300	.7609E-08	.7620E-08	.7650E-08	.7675E-08	.7699E-08	.7722E-08	.7741E-08	.7753E-08	.775uL-0u	.7757L-0u	.7754E-0u	.7750E-08	.7746E-08	.7741E-08	.7734E-08	.7727E-08	.7718E-08
310.	.7622E-08	.7633E-08	.7686E-08	.7720E-08	.7752E-08	.7781E-08	.7803E-08	.7818E-08	.7823E-08	.7821E-08	.7816E-08	.7809E-08	.77995-08	.7786E-19	.7771E-08	.7752E-03	.7731E-08
320	.7634E-08	.7675E-08	.7710E-08	.7760E-08	.7799E-08	.7832E-08	.7850E-08	.7874E-08	.7880E-08	.7878E-08	.7871E-08	.7861E-08	.7846E-08	.7827E-08	.7803E-08	.7775E-08	.7743E-08
330.	.7644E-08	.7694E-08	.7745E-08	.7793E-08	.7837E-08	.7874E-08	.7903E-08	.7921E-08	.7927E-08	.7924E-08	.7916E-08	.7903E-08	.7885E-08	.7860E-08	.7830E-08	.7794E-08	.7753E-08
340.	.7651E-08	.7700E-08	.7765E-08	.7810E-08	.7866E-08	.7906E-08	.7936E-08	.7955E-08	.7961E-08	.7950E-08	.7949E-08	.7935E-08	.7913E-08	.7895E-08	.7850E-08	.7800E-08	.7760E-08
350	.7656E-08	.7717E-08	.7777E-08	.7834E-08	.7884E-08	.7926E-08	.7957E-08	.7976E-08	.7983E-08	.7980E-08	.7970E-08	.7954E-08	.7932E-08	.7901E-08	.7863E-08	.7817E-08	.7765E-08

00. -00.

.770E-08 .759E-08

Number of Data Values: 612

Mean Value: .7630E-08

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 14002 ALTITUDE(KM): 200 0
F10: 70.00 F10B: 70.00 GI: 0.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30	-20	-10	0.	(-SOUTH) LATITUDES (+NORTH) 10	20	30	40	50	60	70	80
0.	.1877E-09	.1961E-09	.2041E-09	.2115E-09	.2178E-09	.2230E-09	.2268E-09	.2292E-09	.2299E-09	.2291E-09	.2268E-09	.2229E-09	.2178E-09	.2114E-09	.2040E-09	.1960E-09	.1876E-09
10.	.1876E-09	.1959E-09	.2038E-09	.2110E-09	.2173E-09	.2225E-09	.2262E-09	.2286E-09	.2293E-09	.2285E-09	.2262E-09	.2224E-09	.2173E-09	.2110E-09	.2037E-09	.1959E-09	.1875E-09
20.	.1871E-09	.1949E-09	.2024E-09	.2093E-09	.2153E-09	.2202E-09	.2238E-09	.2261E-09	.2268E-09	.2261E-09	.2238E-09	.2202E-09	.2152E-09	.2092E-09	.2023E-09	.1948E-09	.1870E-09
30.	.1863E-09	.1933E-09	.2001E-09	.2064E-09	.2119E-09	.2165E-09	.2198E-09	.2219E-09	.2226E-09	.2219E-09	.2198E-09	.2164E-09	.2119E-09	.2063E-09	.2000E-09	.1932E-09	.1862E-09
40.	.1852E-09	.1912E-09	.1971E-09	.2025E-09	.2074E-09	.2114E-09	.2145E-09	.2164E-09	.2170E-09	.2163E-09	.2144E-09	.2114E-09	.2073E-09	.2025E-09	.1970E-09	.1911E-09	.1851E-09
50.	.1839E-09	.1887E-09	.1934E-09	.1979E-09	.2020E-09	.2054E-09	.2080E-09	.2097E-09	.2102E-09	.2096E-09	.2080E-09	.2053E-09	.2019E-09	.1978E-09	.1933E-09	.1886E-09	.1838E-09
60.	.1825E-09	.1859E-09	.1894E-09	.1928E-09	.1959E-09	.1986E-09	.2008E-09	.2021E-09	.2026E-09	.2021E-09	.2007E-09	.1986E-09	.1959E-09	.1927E-09	.1893E-09	.1858E-09	.1824E-09
70.	.1810E-09	.1829E-09	.1851E-09	.1873E-09	.1895E-09	.1915E-09	.1931E-09	.1942E-09	.1946E-09	.1941E-09	.1930E-09	.1914E-09	.1894E-09	.1873E-09	.1850E-09	.1829E-09	.1809E-09
80.	.1795E-09	.1800E-09	.1808E-09	.1818E-09	.1830E-09	.1842E-09	.1852E-09	.1860E-09	.1863E-09	.1860E-09	.1852E-09	.1841E-09	.1829E-09	.1817E-09	.1807E-09	.1799E-09	.1794E-09
90.	.1780E-09	.1778E-09	.1765E-09	.1764E-09	.1766E-09	.1770E-09	.1775E-09	.1780E-09	.1782E-09	.1780E-09	.1775E-09	.1770E-09	.1765E-09	.1763E-09	.1764E-09	.1770E-09	.1779E-09
100.	.1766E-09	.1743E-09	.1725E-09	.1713E-09	.1705E-09	.1702E-09	.1702E-09	.1704E-09	.1706E-09	.1704E-09	.1702E-09	.1702E-09	.1705E-09	.1712E-09	.1724E-09	.1742E-09	.1765E-09
110.	.1753E-09	.1710E-09	.1689E-09	.1666E-09	.1650E-09	.1640E-09	.1635E-09	.1635E-09	.1635E-09	.1634E-09	.1635E-09	.1640E-09	.1649E-09	.1665E-09	.1688E-09	.1717E-09	.1752E-09
120.	.1742E-09	.1696E-09	.1656E-09	.1625E-09	.1601E-09	.1585E-09	.1576E-09	.1573E-09	.1573E-09	.1573E-09	.1576E-09	.1585E-09	.1600E-09	.1624E-09	.1656E-09	.1695E-09	.1741E-09
130.	.1732E-09	.1677E-09	.1629E-09	.1590E-09	.1560E-09	.1539E-09	.1527E-09	.1521E-09	.1521E-09	.1521E-09	.1526E-09	.1538E-09	.1559E-09	.1589E-09	.1626E-09	.1676E-09	.1731E-09
140.	.1725E-09	.1662E-09	.1607E-09	.1562E-09	.1526E-09	.1502E-09	.1486E-09	.1480E-09	.1479E-09	.1480E-09	.1486E-09	.1501E-09	.1526E-09	.1561E-09	.1606E-09	.1661E-09	.1724E-09
150.	.1719E-09	.1651E-09	.1591E-09	.1541E-09	.1501E-09	.1474E-09	.1456E-09	.1448E-09	.1447E-09	.1448E-09	.1456E-09	.1473E-09	.1501E-09	.1540E-09	.1590E-09	.1650E-09	.1718E-09
160	.1715E-09	.1643E-09	.1579E-09	.1526E-09	.1484E-09	.1454E-09	.1436E-09	.1427E-09	.1425E-09	.1427E-09	.1436E-09	.1454E-09	.1484E-09	.1526E-09	.1579E-09	.1642E-09	.1714E-09
170.	.1713E-09	.1638E-09	.1573E-09	.1518E-09	.1474E-09	.1443E-09	.1424E-09	.1414E-09	.1412E-09	.1414E-09	.1423E-09	.1443E-09	.1474E-09	.1517E-09	.1572E-09	.1638E-09	.1712E-09
180.	.1712E-09	.1636E-09	.1570E-09	.1514E-09	.1470E-09	.1438E-09	.1418E-09	.1408E-09	.1406E-09	.1408E-09	.1418E-09	.1438E-09	.1469E-09	.1513E-09	.1569E-09	.1636E-09	.1711E-09
190.	.1711E-09	.1636E-09	.1569E-09	.1513E-09	.1468E-09	.1437E-09	.1417E-09	.1407E-09	.1405E-09	.1407E-09	.1416E-09	.1436E-09	.1468E-09	.1512E-09	.1568E-09	.1635E-09	.1711E-09
200.	.1711E-09	.1636E-09	.1569E-09	.1513E-09	.1469E-09	.1437E-09	.1417E-09	.1407E-09	.1405E-09	.1407E-09	.1417E-09	.1436E-09	.1468E-09	.1512E-09	.1568E-09	.1635E-09	.1711E-09
210.	.1712E-09	.1637E-09	.1570E-09	.1514E-09	.1471E-09	.1439E-09	.1419E-09	.1410E-09	.1408E-09	.1410E-09	.1419E-09	.1439E-09	.1470E-09	.1514E-09	.1570E-09	.1636E-09	.1711E-09
220	.1713E-09	.1640E-09	.1575E-09	.1520E-09	.1477E-09	.1447E-09	.1427E-09	.1418E-09	.1416E-09	.1418E-09	.1427E-09	.1446E-09	.1477E-09	.1520E-09	.1574E-09	.1639E-09	.1713E-09
230.	.1717E-09	.1647E-09	.1585E-09	.1533E-09	.1492E-09	.1463E-09	.1445E-09	.1437E-09	.1435E-09	.1437E-09	.1445E-09	.1463E-09	.1492E-09	.1532E-09	.1584E-09	.1646E-09	.1716E-09
240.	.1723E-09	.1658E-09	.1601E-09	.1554E-09	.1517E-09	.1491E-09	.1475E-09	.1468E-09	.1467E-09	.1468E-09	.1475E-09	.1491E-09	.1517E-09	.1553E-09	.1600E-09	.1657E-09	.1722E-09
250.	.1731E-09	.1675E-09	.1625E-09	.1585E-09	.1554E-09	.1533E-09	.1520E-09	.1514F-09	.1514F-09	.1514F-09	.1520E-09	.1532E-09	.1554F-09	.1584E-09	.1625E-09	.1674E-09	.1730E-09
260.	.1742E-09	.1697E-09	.1658E-09	.1627E-09	.1603E-09	.1588E-09	.1579E-09	.1576E-09	.1576E-09	.1576E-09	.1579E-09	.1588E-09	.1603E-09	.1626E-09	.1657E-09	.1696E-09	.1741E-09
270.	.1756E-09	.1725E-09	.1698E-09	.1678E-09	.1665E-09	.1657E-09	.1653E-09	.1653E-09	.1654E-09	.1653E-09	.1653E-09	.1656E-09	.1664E-09	.1678E-09	.1698E-09	.1724E-09	.1756E-09
280.	.1773E-09	.1757E-09	.1745E-09	.1738E-09	.1735E-09	.1736E-09	.1739E-09	.1742E-09	.1744E-09	.1742E-09	.1739E-09	.1736E-09	.1735E-09	.1738E-09	.1744E-09	.1756E-09	.1772E-09
290.	.1791E-09	.1792E-09	.1796E-09	.1803E-09	.1813E-09	.1822E-09	.1832E-09	.1839E-09	.1842E-09	.1839E-09	.1831E-09	.1822E-09	.1812E-09	.1803E-09	.1795E-09	.1791E-09	.1790E-09
300.	.1809E-09	.1828E-09	.1849E-09	.1870E-09	.1892E-09	.1911E-09	.1927E-09	.1937E-09	.1941E-09	.1937E-09	.1926E-09	.1910E-09	.1891E-09	.1870E-09	.1848E-09	.1827E-09	.1808E-09
310.	.1827E-09	.1863E-09	.1900E-09	.1935E-09	.1960E-09	.1996E-09	.2018E-09	.2032E-09	.2037E-09	.2032E-09	.2018E-09	.1995E-09	.1967E-09	.1934E-09	.1899E-09	.1862E-09	.1826E-09
320.	.1843E-09	.1895E-09	.1946E-09	.1994C-09	.2037E-09	.2073E-09	.2100E-09	.2118E-09	.2124E-09	.2118E-09	.2100E-09	.2072E-09	.2036E-09	.1993E-09	.1945E-09	.1894E-09	.1842E-09
330.	.1857E-09	.1922E-09	.1985E-09	.2043E-09	.2095F-09	.2137E-09	.2169E-09	.2189E-09	.2196E-09	.2189E-09	.2169E-09	.2137E-09	.2094E-09	.2042E-09	.1984E-09	.1921E-09	.1856E-09
340.	.1868E-09	.1943E-09	.2014E-09	.2081E-09	.2139E-09	.2186E-09	.2221E-09	.2243E-09	.2250E-09	.2243E-09	.2221E-09	.2186E-09	.2138E-09	.2088E-09	.2014E-09	.1942E-09	.1867E-09
350.	.1874E-09	.1956E-09	.2033E-09	.2105E-09	.2167E-09	.2217E-09	.2255E-09	.2278E-09	.2285E-09	.2277E-09	.2254E-09	.2217E-09	.2166E-09	.2104E-09	.2033E-09	.1955E-09	.1874E-09

90. -90.

.1792E-09 .1793E-09

Number of Data Values 612

Mean Value: .1775E-09

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 230.0
F10: 70.00 F10B: 70.00 GI. 0.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -90.	-70.	-60.	-50.	-40.	-30	-20	-10.	0	(-SOUTH) LATITUDES (+NORTH) 10	20	30	40	50	60	70	80
0.	.6498E-10	.6893E-10	.7277E-10	7635E-10	.7950E-10	.8210E-10	.8404E-10	8523E-10	.8563E-10	8522E-10	8402E-10	8208E-10	7947E-10	7631E-10	[illegible]	[illegible]	[illegible]
10.	.6493E-10	.6892E-10	.7261E-10	.7614E-10	.7926E-10	.8183E-10	8375E-10	8493E-10	8532E-10	8492E-10	8373E-10	8180E-10	7923E-10	7610E-10	[illegible]	[illegible]	[illegible]
20	.6470E-10	.6837E-10	.7195E-10	.7529E-10	.7825E-10	.8070E-10	.8253E-10	8367E-10	8405E-10	8366E-10	.8252E-10	.8068E-10	7822E-10	7525E-10	[illegible]	[illegible]	[illegible]
30.	.6432E-10	.6761E-10	.7085E-10	.7380E-10	.7658E-10	.7882E-10	.8051E-10	8156E-10	.8192E-10	.8155E-10	.8050E-10	7880E-10	.7655E-10	.7384E-10	[illegible]	[illegible]	[illegible]
40.	.6381E-10	.6662E-10	6939E-10	.7201E-10	.7436E-10	.7633E-10	.7783E-10	7877E-10	.7910E-10	7876E-10	7781E-10	7631E-10	7433E-10	.7197E-10	[illegible]	[illegible]	[illegible]
50.	.6322E-10	.6543E-10	.6766E-10	.6970E-10	.7173E-10	7338E-10	.7465E-10	7546E-10	.7575E-10	.7546E-10	.7464E-10	7336E-10	7170E-10	6975E-10	[illegible]	[illegible]	[illegible]
60.	.6255E-10	.6413E-10	.6575E-10	.6735E-10	.6883E-10	.7013E-10	.7115E-10	7181E-10	.7206E-10	.7181E-10	7113E-10	7010E-10	6881E-10	6731E-10	[illegible]	[illegible]	[illegible]
70.	.6186E-10	.6277E-10	.6376E-10	.6480E-10	.6581E-10	.6673E-10	.6748E-10	6800E-10	.6820E-10	.6800E-10	.6747E-10	6671E-10	6578E-10	6476E-10	[illegible]	[illegible]	[illegible]
80.	.6117E-10	.6140E-10	.6176E-10	.6224E-10	6278E-10	.6333E-10	6382E-10	6419E-10	.6413E-10	.6418E-10	.6381E-10	6331E-10	6275E-10	6221E-10	[illegible]	[illegible]	[illegible]
90.	.6049E-10	.6007E-10	.5983E-10	.5977E-10	.5986E-10	.6005E-10	.6029E-10	.6051E-10	.6061E-10	.6050E-10	.6028E-10	.6003E-10	.5983E-10	.5974E-10	[illegible]	[illegible]	[illegible]
100.	.5986E-10	.5883E-10	.5903E-10	.5947E-10	.5713E-10	.5699E-10	.5700E-10	5709E-10	.5715E-10	.5708E-10	.5699E-10	5697E-10	5711E-10	5744E-10	[illegible]	[illegible]	[illegible]
110.	.5920E-10	.5770E-10	.5639E-10	.5538E-10	.5467E-10	.5424E-10	.5404E-10	5400E-10	.5403E-10	5400E-10	5403E-10	5422E-10	5465E-10	5536E-10	[illegible]	[illegible]	[illegible]
120.	.5877E-10	.5671E-10	.5496E-10	.5357E-10	.5253E-10	.5184E-10	5147E-10	.5133E-10	.5132E-10	.5133E-10	.5146E-10	.5183E-10	5251E-10	5354E-10	[illegible]	[illegible]	[illegible]
130.	.5835E-10	.5588E-10	5376E-10	.5204E-10	.5074E-10	.4985E-10	.4932E-10	.4910E-10	4907E-10	.4910E-10	4932E-10	4983E-10	.5072E-10	5202E-10	[illegible]	[illegible]	[illegible]
140.	.5801E-10	.5522E-10	.5281E-10	.5083E-10	.4932E-10	.4826E-10	.4762E-10	4733E-10	.4728E-10	4733E-10	4761E-10	4825E-10	4930E-10	5081E-10	[illegible]	[illegible]	[illegible]
150.	.5775E-10	.5472E-10	.5209E-10	.4993E-10	.4826E-10	.4708E-10	.4635E-10	.4602E-10	4595E-10	.4602E-10	.4635E-10	4706E-10	4824E-10	4990E-10	[illegible]	[illegible]	[illegible]
160.	.5757E-10	.5438E-10	.5160E-10	.4931E-10	.4753E-10	.4627E-10	.4549E-10	.4512E-10	4505E-10	.4512E-10	.4548E-10	.4626E-10	4751E-10	.4928E-10	[illegible]	[illegible]	[illegible]
170.	.5747E-10	.5418E-10	.5131E-10	.4894E-10	.4710E-10	.4580E-10	.4498E-10	.4460E-10	.4451E-10	.4459E-10	.4498E-10	4578E-10	.4709E-10	.4892E-10	[illegible]	[illegible]	[illegible]
180	.5742E-10	.5408E-10	.5118E-10	.4878E-10	.4691E-10	.4558E-10	.4475E-10	4435E-10	4427E-10	4435E-10	.4474F-10	4557E-10	4689E-10	.4875F-10	[illegible]	[illegible]	[illegible]
190.	.5741E-10	.5406E-10	.5115E-10	.4873E-10	.4686E-10	.4553E-10	.4469E-10	4429E-10	.4421E-10	.4429E-10	.4469E-10	4551E-10	4684E-10	4871E-10	[illegible]	[illegible]	[illegible]
200.	.5741E-10	.5406E-10	.5115E-10	.4874E-10	.4687E-10	.4553E-10	.4470E-10	.4430E-10	.4421E-10	.4430E-10	.4469E-10	.4552E-10	.4685E-10	.4871E-10	[illegible]	[illegible]	[illegible]
210.	.5743E-10	.5410E-10	.5121E-10	.4881E-10	.4695E-10	.4562E-10	.4480E-10	.4440E-10	.4432E-10	.4440E-10	4479E-10	4561E-10	4693E-10	.4879E-10	[illegible]	[illegible]	[illegible]
220.	.5750E-10	.5424E-10	.5140E-10	.4906E-10	.4724E-10	.4595E-10	.4514E-10	.4476E-10	.4468E-10	4476E-10	.4514E-10	4593E-10	4722E-10	4904E-10	[illegible]	[illegible]	[illegible]
230.	.5765E-10	.5453E-10	.5182E-10	.4959E-10	.4786E-10	.4664E-10	.4588E-10	.4553E-10	.4546E-10	4553E-10	.4588E-10	.4662E-10	4784E-10	.4957E-10	[illegible]	[illegible]	[illegible]
240.	.5791E-10	.5503E-10	.5254E-10	.5049E-10	.4892E-10	.4782E-10	.4715E-10	.4684E-10	.4678E-10	.4684F-10	.4714E-10	4781E-10	4890E-10	.5047E-10	[illegible]	[illegible]	[illegible]
250.	.5829E-10	.5577E-10	.5360E-10	.5184E-10	.5050E-10	4958E-10	.4904E-10	4880E-10	4877E-10	4880E-10	4903E-10	.4957E-10	5048E-10	5182E-10	[illegible]	[illegible]	[illegible]
260.	.5880E-10	.5676E-10	.5504E-10	.5366E-10	.5264E-10	.5197E-10	.5160E-10	.5147E-10	.5147E-10	.5147E-10	.5159E-10	.5196E-10	5262E-10	5363E-10	[illegible]	[illegible]	[illegible]
270.	.5944E-10	.5808E-10	.5683E-10	.5594E-10	.5533E-10	.5498E-10	.5483E-10	5483E-10	.5486E-10	.5483E-10	.5482E-10	.5496E-10	5531E-10	.5591E-10	[illegible]	[illegible]	[illegible]
280.	.6017E-10	.5945E-10	.5893E-10	.5862E-10	.5849E-10	.5852E-10	.5864E-10	5879E-10	.5888E-10	.5879E-10	5863E-10	5850E-10	.5847E-10	.5859E-10	[illegible]	[illegible]	[illegible]
290.	.6098E-10	.6104E-10	.6124E-10	.6157E-10	.6199E-10	.6244E-10	.6287E-10	.6320E-10	.6333E-10	.6319E-10	.6286E-10	.6242E-10	.6197E-10	6154E-10	[illegible]	[illegible]	[illegible]
300.	.6183E-10	.6269E-10	.6366E-10	.6466E-10	.6565E-10	.6655E-10	.6729E-10	6780E-10	.6799E-10	.6780E-10	.6728E-10	6653E-10	6562E-10	6463E-10	[illegible]	[illegible]	[illegible]
310.	.6265E-10	.6432E-10	.6602E-10	.6769E-10	.6924E-10	.7059E-10	.7164E-10	7233E-10	.7258E-10	7233E-10	.7163F-10	.7057F-10	.6922E-10	.6766E-10	[illegible]	[illegible]	[illegible]
320.	.6340E-10	.6580E-10	.6820E-10	.7049E-10	.7256E-10	.7431E-10	.7565E-10	.7650E-10	7680E-10	7650E-10	7564E-10	.7429E-10	7253E-10	7045E-10	[illegible]	[illegible]	[illegible]
330.	.6405E-10	.6707E-10	.7006E-10	.7286E-10	.7537E-10	.7747E-10	.7906E-10	.8005E-10	.8039E-10	.8004E-10	7904E-10	7745E-10	7534E-10	7283E-10	[illegible]	[illegible]	[illegible]
340.	.6454E-10	.6805E-10	.7148E-10	.7469E-10	.7754E-10	.7990E-10	.8167E-10	.8277E-10	.8314E-10	.8276E-10	.8165E-10	7987E-10	7751E-10	.7465E-10	[illegible]	[illegible]	[illegible]
350.	.6485E-10	.6867E-10	.7240E-10	.7586E-10	.7893E-10	.8146E-10	.8335E-10	8452E-10	.8491E-10	.8451E-10	.8333E-10	.8144E-10	7890E-10	7583E-10	[illegible]	[illegible]	[illegible]

90. -90.

.6105E-10 .6109E-10

Number of Data Values 612

Mean Value: .6059E-10

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 250.0
F10: 70.00 F10B: 70.00 GI: 0.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	-80.	-70.	(-SOUTH) LATITUDES (+NORTH) -60.	-50.	-40	-30.	-20	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10	20	30	40	50	60	70.	80.
0.	.3442E-10	.3747E-10	.3924E-10	.4149E-10	.4348E-10	.4514E-10	.4638E-10	.4715E-10	.4741E-10	.4715E-10	.4637E-10	.4512E-10	.4346E-10	.4146E-10	[illegible]	.3744E-10	.3440E-10
10.	.3439E-10	.3740E-10	.3914E-10	.4135E-10	.4333E-10	.4497E-10	.4619E-10	.4696E-10	.4721E-10	.4695E-10	.4618E-10	.4495E-10	.4331E-10	.4133E-10	[illegible]	.3676E-10	.3436E-10
20.	.3425E-10	.3650E-10	.3872E-10	.4082E-10	.4269E-10	.4424E-10	.4542E-10	.4614E-10	.4639E-10	.4614E-10	.4540E-10	.4423E-10	.4267E-10	.4079E-10	[illegible]	.3648E-10	.3412E-10
30.	.3402E-10	.3604E-10	.3804E-10	.3993E-10	.4163E-10	.4305E-10	.4412E-10	.4480E-10	.4502E-10	.4479E-10	.4411E-10	.4303E-10	.4161E-10	.3991E-10	[illegible]	.3601E-10	.3399E-10
40.	.3371E-10	.3542E-10	.3775E-10	.3876E-10	.4023E-10	.4147E-10	.4242E-10	.4302E-10	.4322E-10	.4301E-10	.4241E-10	.4146E-10	.4021E-10	.3874E-10	[illegible]	.3540E-10	.3368E-10
50.	.3334E-10	.3470E-10	.3606E-10	.3801E-10	.3859E-10	.3962E-10	.4042E-10	.4093E-10	.4111E-10	.4092E-10	.4041E-10	.3960E-10	.3851E-10	.3799E-10	[illegible]	.3467E-10	.3332E-10
60.	.3294E-10	.3390E-10	.3489E-10	.3587E-10	.3741E-10	.3822E-10	.3823E-10	.3864E-10	.3879E-10	.3864E-10	.3822E-10	.3821E-10	.3739E-10	.3585E-10	[illegible]	.3388E-10	.3292E-10
70.	.3252E-10	.3307E-10	.3368E-10	.3431E-10	.3493E-10	.3549E-10	.3596E-10	.3628E-10	.3640E-10	.3627E-10	.3595E-10	.3548E-10	.3491E-10	.3429E-10	[illegible]	.3305E-10	.3250E-10
80.	.3210E-10	.3224E-10	.3246E-10	.3275E-10	.3308E-10	.3341E-10	.3371E-10	.3394E-10	.3403E-10	.3395E-10	.3371E-10	.3340E-10	.3306E-10	.3273E-10	[illegible]	.3222E-10	.3208E-10
90.	.3169E-10	.3144E-10	.3130E-10	.3126E-10	.3131E-10	.3142E-10	.3157E-10	.3170E-10	.3177E-10	.3176E-10	.3156E-10	.3141E-10	.3130E-10	.3124E-10	[illegible]	.3142E-10	.3167E-10
100	.3131E-10	.3069E-10	.3021E-10	.2987E-10	.2967E-10	.2959E-10	.2960E-10	.2965E-10	.2968E-10	.2964E-10	.2959E-10	.2958E-10	.2966E-10	.2986E-10	[illegible]	.3067E-10	.3129E-10
110	.3096E-10	.3001E-10	.2923E-10	.2863E-10	.2821E-10	.2795E-10	.2793E-10	.2781E-10	.2783E-10	.2781E-10	.2783E-10	.2794E-10	.2820E-10	.2862E-10	[illegible]	.2999E-10	.3094E-10
120.	.3066E-10	.2942E-10	.2838E-10	.2755E-10	.2694E-10	.2654E-10	.2632E-10	.2624E-10	.2626E-10	.2624E-10	.2631E-10	.2653E-10	.2693E-10	.2754E-10	[illegible]	.2940E-10	.3063E-10
130	.3040E-10	.2893E-10	.2767E-10	.2666E-10	.2589E-10	.2537E-10	.2506E-10	.2494E-10	.2496E-10	.2493E-10	.2506E-10	.2536E-10	.2588E-10	.2664E-10	[illegible]	.2891E-10	.3036E-10
140.	.3020E-10	.2853E-10	.2711E-10	.2595E-10	.2506E-10	.2445E-10	.2407E-10	.2391E-10	.2388E-10	.2391E-10	.2407E-10	.2444E-10	.2505E-10	.2593E-10	[illegible]	.2851E-10	.3017E-10
150	.3004E-10	.2824E-10	.2668E-10	.2542E-10	.2444E-10	.2376E-10	.2334E-10	.2315E-10	.2311E-10	.2315E-10	.2334E-10	.2375E-10	.2443E-10	.2540E-10	[illegible]	.2822E-10	.3002E-10
160.	.2994E-10	.2803E-10	.2640E-10	.2506E-10	.2402E-10	.2329E-10	.2284E-10	.2263E-10	.2259E-10	.2263E-10	.2284E-10	.2329E-10	.2401E-10	.2504E-10	[illegible]	.2801E-10	.2992E-10
170	.2988E-10	.2792E-10	.2623E-10	.2484E-10	.2378E-10	.2302E-10	.2255E-10	.2233E-10	.2228E-10	.2233E-10	.2255E-10	.2301E-10	.2376E-10	.2483E-10	[illegible]	.2789E-10	.2985E-10
180	.2985E-10	.2786E-10	.2615E-10	.2475E-10	.2366E-10	.2289E-10	.2242E-10	.2219E-10	.2214E-10	.2219E-10	.2241E-10	.2289E-10	.2365E-10	.2473E-10	[illegible]	.2784E-10	.2982E-10
190.	.2984E-10	.2785E-10	.2613E-10	.2472E-10	.2363E-10	.2286E-10	.2239E-10	.2216E-10	.2211E-10	.2216E-10	.2238E-10	.2286E-10	.2362E-10	.2471E-10	[illegible]	.2783E-10	.2982E-10
200.	.2984E-10	.2785E-10	.2613E-10	.2472E-10	.2364E-10	.2287E-10	.2239E-10	.2216E-10	.2211E-10	.2216E-10	.2238E-10	.2286E-10	.2363E-10	.2471E-10	[illegible]	.2783E-10	.2982E-10
210.	.2985E-10	.2787E-10	.2617E-10	.2477E-10	.2369E-10	.2292E-10	.2245E-10	.2222E-10	.2217E-10	.2222E-10	.2244E-10	.2291E-10	.2368E-10	.2475E-10	[illegible]	.2785E-10	.2983E-10
220.	.2990E-10	.2795E-10	.2628E-10	.2491E-10	.2385E-10	.2311E-10	.2264E-10	.2243E-10	.2238E-10	.2242E-10	.2264E-10	.2310E-10	.2384E-10	.2490E-10	[illegible]	.2793E-10	.2987E-10
230.	.2999E-10	.2813E-10	.2653E-10	.2522E-10	.2421E-10	.2351E-10	.2307E-10	.2287E-10	.2282E-10	.2287E-10	.2307E-10	.2350E-10	.2420E-10	.2521E-10	[illegible]	.2811E-10	.2996E-10
240.	.3014E-10	.2842E-10	.2695E-10	.2575E-10	.2483E-10	.2419E-10	.2380E-10	.2362E-10	.2359E-10	.2362E-10	.2380E-10	.2418E-10	.2482E-10	.2573E-10	[illegible]	.2840E-10	.3012E-10
250.	.3037E-10	.2886E-10	.2759E-10	.2654E-10	.2575E-10	.2521E-10	.2490E-10	.2476E-10	.2474E-10	.2476E-10	.2489E-10	.2521E-10	.2574E-10	.2652E-10	[illegible]	.2884E-10	.3034E-10
260.	.3067E-10	.2945E-10	.2843E-10	.2761E-10	.2701E-10	.2661E-10	.2640E-10	.2632E-10	.2632E-10	.2632E-10	.2639E-10	.2661E-10	.2700E-10	.2760E-10	[illegible]	.2943E-10	.3065E-10
270.	.3106E-10	.3019E-10	.2949E-10	.2896E-10	.2860E-10	.2839E-10	.2830E-10	.2830E-10	.2832E-10	.2830E-10	.2830E-10	.2838E-10	.2859E-10	.2895E-10	[illegible]	.3017E-10	.3103E-10
280.	.3150E-10	.3106E-10	.3075E-10	.3056E-10	.3049E-10	.3050E-10	.3058E-10	.3067E-10	.3072E-10	.3067E-10	.3057E-10	.3049E-10	.3047E-10	.3055E-10	[illegible]	.3104E-10	.3146E-10
290.	.3199E-10	.3202E-10	.3215E-10	.3235E-10	.3260E-10	.3288E-10	.3313E-10	.3333E-10	.3342E-10	.3333E-10	.3313E-10	.3286E-10	.3259E-10	.3233E-10	[illegible]	.3206E-10	.3197E-10
300	.3250E-10	.3303E-10	.3361E-10	.3423E-10	.3483E-10	.3538E-10	.3584E-10	.3615E-10	.3627E-10	.3615E-10	.3583E-10	.3537E-10	.3481E-10	.3421E-10	[illegible]	.3300E-10	.3246E-10
310.	.3308E-10	.3401E-10	.3506E-10	.3609E-10	.3767E-10	.3852E-10	.3854E-10	.3897E-10	.3912E-10	.3896E-10	.3853E-10	.3850E-10	.3765E-10	.3607E-10	[illegible]	.3399E-10	.3297E-10
320.	.3346E-10	.3493E-10	.3640E-10	.3845E-10	.3910E-10	.4020E-10	.4104E-10	.4158E-10	.4177E-10	.4158E-10	.4103E-10	.4019E-10	.3909E-10	.3843E-10	[illegible]	.3490E-10	.3343E-10
330.	.3385E-10	.3570E-10	.3818E-10	.3930E-10	.4087E-10	.4219E-10	.4320E-10	.4383E-10	.4405E-10	.4383E-10	.4319E-10	.4218E-10	.4085E-10	.3927E-10	[illegible]	.3568E-10	.3362E-10
340.	.3415E-10	.3630E-10	.3843E-10	.4044E-10	.4223E-10	.4373E-10	.4486E-10	.4557E-10	.4581E-10	.4556E-10	.4485E-10	.4372E-10	.4221E-10	.4042E-10	[illegible]	.3628E-10	.3412E-10
350.	.3434E-10	.3669E-10	.3900E-10	.4118E-10	.4312E-10	.4473E-10	.4594E-10	.4669E-10	.4694E-10	.4669E-10	.4593E-10	.4471E-10	.4310E-10	.4115E-10	[illegible]	.3666E-10	.3432E-10

90. -90.

.3203E-10 .3206E-10

Number of Data Values: 612

Mean Value: .3186E-10

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 275.0
F10: 70.00 F10B: 70.00 GI: 0.00 (1-KP OR 2-AP): 2

LON (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40	-30.	-20.	-10	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50	60	70	80
0.	.1652E-10	.1708E-10	.1923E-10	.2052E-10	2167E-10	.2264E-10	.2337E-10	.2382E-10	.2397E-10	2382E-10	.2336E-10	2263E-10	.2166E-10	.2050E-10	1 -21-10	1787E-10	1651E-10
10	1650E-10	.1704E-10	.1918E-10	.2044E-10	2158E-10	.2254E-10	2326E-10	.2370E-10	2385E-10	2370E-10	2325E-10	2253E-10	2157E-10	2043E-10	1 -7-1-10	1763E-10	1649E-10
20.	1643E-10	.1769E-10	1894E-10	.2014E-10	.2121E-10	.2212E-10	2280E-10	2323E-10	.2337E-10	.2322E-10	.2279E-10	.2211E-10	2120E-10	.2012E-10	1 -11-10	1767E-10	1641E-10
30.	.1630E-10	.1743E-10	.1855E-10	.1963E-10	.2060E-10	.2142E-10	2205E-10	.2244E-10	.2257E-10	.2243E-10	.2204E-10	2141E-10	.2059E-10	.1962E-10	1 -4E-10	1741E-10	1628E-10
40.	.1613E-10	.1708E-10	.1804E-10	.1896E-10	1980E-10	.2051E-10	.2106E-10	2140E-10	2152E-10	.2140E-10	.2105E-10	2050E-10	1979E-10	1895E-10	1 -1E-10	1707E-10	1611E-10
50	.1593E-10	.1668E-10	.1744E-10	1810E-10	1886E-10	.1945E-10	.1991E-10	2020E-10	2030E-10	2020E-10	1990E-10	1944E-10	1884E-10	1812E-10	1 -4JE-10	1666E-10	1591E-10
60.	.1570E-10	.1623E-10	.1679E-10	.1733E-10	.1785E-10	.1830E-10	.1866E-10	.1889E-10	.1898E-10	1889E-10	.1865E-10	1829E-10	1784E-10	1732E-10	1 -7-E-10	1622E-10	1569E-10
70.	.1547E-10	.1577E-10	.1611E-10	.1646E-10	.1680E-10	1712E-10	1738E-10	1756E-10	1763E-10	1756E-10	1738E-10	1711E-10	1680E-10	1645E-10	1 -6E-10	1576E-10	1546E-10
80	.1524E-10	.1532E-10	1544E-10	.1560E-10	.1578E-10	.1596E-10	1613E-10	1625E-10	1630E-10	1625E-10	.1612E-10	1596E-10	1577E-10	1559E-10	1 -4-E-10	1530E-10	1523E-10
90.	.1502E-10	.1488E-10	.1480E-10	.1478E-10	.1481E-10	.1487E-10	.1495E-10	1502E-10	.1506E-10	1502E-10	.1494E-10	.1486E-10	.1480E-10	1477E-10	1 -5E-10	1486E-10	1500E-10
100.	.1481E-10	.1447E-10	.1421E-10	.1402E-10	.1391E-10	.1387E-10	.1387E-10	.1390E-10	.1392E-10	.1390E-10	.1387E-10	.1386E-10	.1391E-10	.1401E-10	1 -1-E-10	1445E-10	1479E-10
110	.1462E-10	.1410E-10	.1367E-10	.1335E-10	.1312E-10	.1298E-10	.1292E-10	1291E-10	1292E-10	.1291E-10	.1292E-10	1298E-10	.1312E-10	.1334E-10	1 -4-E-10	1409E-10	.1460E-10
120.	.1445E-10	.1378E-10	.1322E-10	.1277E-10	.1244E-10	.1223E-10	.1211E-10	1207E-10	.1207E-10	.1207E-10	.1211E-10	.1222E-10	.1244E-10	.1276E-10	1 -3-E-10	1377E-10	.1444E-10
130	.1431E-10	.1351E-10	.1283E-10	.1229E-10	.1188E-10	.1161E-10	.1145E-10	.1138E-10	1137E-10	1138E-10	.1144E-10	1160E-10	.1188E-10	1228E-10	1 -6-E-10	1350E-10	1430E-10
140.	.1420E-10	.1330E-10	.1253E-10	.1191E-10	.1144E-10	.1112E-10	.1093E-10	.1084E-10	.1082E-10	.1084E-10	.1092E-10	1112E-10	1144E-10	1191E-10	1 -5-E-10	1329E-10	1419E-10
150.	.1411E-10	.1314E-10	.1231E-10	.1163E-10	1112E-10	.1076E-10	.1054E-10	1044E-10	.1042E-10	.1044E-10	.1054E-10	1076E-10	.1111E-10	1162E-10	1 -5E-10	1313E-10	1410E-10
160.	.1406E-10	.1303E-10	1215E-10	.1144E-10	.1090E-10	1052E-10	.1028E-10	1017E-10	1015E-10	.1017E-10	.1028E-10	1051E-10	.1089E-10	.1143E-10	1 -4-E-10	1302E-10	1404E-10
170	.1402E-10	.1296E-10	.1206E-10	.1133E-10	.1077E-10	.1037E-10	.1013E-10	1001E-10	.9990E-11	1001E-10	.1013E-10	.1037E-10	.1076E-10	1132E-10	1 -5-E-10	.1295E-10	.1401E-10
180.	.1401E-10	.1294E-10	.1202E-10	.1128E-10	.1071E-10	.1031E-10	.1006E-10	.9943E-11	9917E-11	.9942E-11	.1006E-10	1030E-10	.1070E-10	1127E-10	1 -5-E-10	1294E-10	1400E-10
190.	.1400E-10	.1293E-10	.1201E-10	.1127E-10	.1069E-10	.1029E-10	.1004E-10	.9926E-11	9900E-11	.9925E-11	.1004E-10	1029E-10	.1069E-10	1126E-10	1 -5-E-10	1293E-10	1399E-10
200.	.1400E-10	.1293E-10	.1201E-10	.1127E-10	.1070E-10	.1029E-10	.1005E-10	9927E-11	.9901E-11	9926E-11	.1004E-10	1029E-10	.1069E-10	1126E-10	1 -5-E-10	1292E-10	1399E-10
210.	.1401E-10	.1294E-10	.1203E-10	.1129E-10	.1072E-10	.1032E-10	.1008E-10	.9950E-11	9932E-11	9957E-11	1007E-10	1032E-10	1072E-10	1128E-10	1 -5-E-10	1293E-10	1400E-10
220.	.1403E-10	.1298E-10	.1209E-10	.1136E-10	.1081E-10	.1042E-10	.1018E-10	.1006E-10	1004E-10	.1006E-10	.1018E-10	.1042E-10	1080E-10	.1136E-10	1 -5-E-10	.1297E-10	1402E-10
230.	.1408E-10	.1308E-10	.1222E-10	.1153E-10	1100E-10	.1063E-10	1040E-10	1029E-10	.1027E-10	.1029E-10	.1040E-10	.1062E-10	1099E-10	.1152E-10	1 -5-E-10	.1307E-10	1407E-10
240.	.1417E-10	.1324E-10	.1245E-10	.1181E-10	.1132E-10	.1098E-10	.1078E-10	.1069E-10	.1067E-10	.1069E-10	.1078E-10	1098E-10	.1132E-10	1180E-10	1 -4-E-10	1323E-10	1415E-10
250.	.1429E-10	.1347E-10	.1278E-10	.1223E-10	1181E-10	.1152E-10	1136E-10	1129E-10	.1128E-10	.1129E-10	.1136E-10	1152E-10	1180E-10	1222E-10	1 -7-E-10	1346E-10	1428E-10
260.	.1446E-10	.1379E-10	.1324E-10	.1280E-10	.1248E-10	.1227E-10	.1215E-10	.1211E-10	.1211E-10	1211E-10	.1215E-10	1226E-10	1247E-10	.1279E-10	1 -8-E-10	1378E-10	.1444E-10
270.	.1467E-10	.1420E-10	.1382E-10	.1353E-10	.1333E-10	.1322E-10	.1317E-10	1317E-10	.1318E-10	1317E-10	1317E-10	1321E-10	1333E-10	1352E-10	1 -8-E-10	1418E-10	1465E-10
280	.1491E-10	.1467E-10	1450E-10	.1440E-10	.1436E-10	1437E-10	1441E-10	1446E-10	.1448E-10	.1445E-10	.1440E-10	1436E-10	.1435E-10	.1439E-10	1 -8-E-10	1466E-10	.1490E-10
290	.1518E-10	.1520E-10	.1527E-10	.1538E-10	.1551E-10	.1567E-10	.1581E-10	1592E-10	.1596E-10	1592E-10	1580E-10	1566E-10	.1551E-10	.1537E-10	1 -7-E-10	.1516E-10	1517E-10
300.	.1546E-10	.1575E-10	.1607E-10	.1641E-10	.1675E-10	.1706E-10	1731E-10	1749E-10	.1756E-10	.1749E-10	.1731E-10	.1705E-10	1674E-10	.1640E-10	1 -6-E-10	.1574E-10	.1545E-10
310	.1573E-10	.1630E-10	.1688E-10	.1745E-10	.1799E-10	1846E-10	.1883E-10	1908E-10	.1917E-10	.1908E-10	.1883E-10	1845E-10	1798E-10	.1744E-10	1 -4-E-10	1628E-10	1572E-10
320.	.1599E-10	.1680E-10	.1763E-10	.1843E-10	1916E-10	.1978E-10	.2027E-10	.2058E-10	.2068E-10	2057E-10	.2026E-10	1977E-10	.1915E-10	.1841E-10	1 -2-E-10	1679E-10	1597E-10
330.	.1621E-10	.1724E-10	.1827E-10	.1927E-10	.2017E-10	.2093E-10	.2151E-10	.2188E-10	.2200E-10	.2187E-10	.2150E-10	.2092E-10	2016E-10	.1925E-10	1 -1-E-10	1722E-10	1619E-10
340.	.1637E-10	.1757E-10	.1877E-10	.1992E-10	.2095E-10	.2182E-10	.2248E-10	2289E-10	.2303E-10	.2289E-10	.2247E-10	.2181E-10	2094E-10	1991E-10	1 -1-E-10	.1756E-10	.1636E-10
350.	.1648E-10	.1779E-10	.1910E-10	.2034E-10	.2146E-10	.2240E-10	2311E-10	.2355E-10	.2370E-10	.2354E-10	.2310E-10	2239E-10	2145E-10	.2033E-10	1 -1-E-10	.1778E-10	.1646E-10

90. -90.

.1520E-10 1522E-10

Number of Data Values: 612

Mean Value: 1517E-10

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 300.0
F10: 70.00 F10B: 70.00 GI: 0.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30	-20	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30	40	50	60.	70	80
0.	.8343E-11	.9126E-11	.9913E-11	.1067E-10	.1135E-10	.1193E-10	.1237E-10	.1264E-10	.1273E-10	.1264E-10	.1236E-10	.1192E-10	.1135E-10	.1066E-10	.9905E-11	.9117E-11	.8335E-11
10.	.8332E-11	.9104E-11	.9880E-11	.1062E-10	.1130E-10	.1187E-10	.1230E-10	.1257E-10	.1266E-10	.1257E-10	.1230E-10	.1186E-10	.1129E-10	.1062E-10	.9871E-11	.9095E-11	.8314E-11
20.	.8288E-11	.9013E-11	.9742E-11	.1044E-10	.1108E-10	.1162E-10	.1203E-10	.1228E-10	.1237E-10	.1228E-10	.1202E-10	.1161E-10	.1107E-10	.1044E-10	.9734E-11	.9004E-11	.8279E-11
30.	.8214E-11	.8862E-11	.9516E-11	.1014E-10	.1072E-10	.1120E-10	.1158E-10	.1181E-10	.1189E-10	.1181E-10	.1157E-10	.1120E-10	.1071E-10	.1014E-10	.9507E-11	.8854E-11	.8205E-11
40.	.8116E-11	.8664E-11	.9210E-11	.9754E-11	.1025E-10	.1067E-10	.1099E-10	.1119E-10	.1126E-10	.1119E-10	.1098E-10	.1066E-10	.1024E-10	.9747E-11	.9210E-11	.8655E-11	.8108E-11
50.	.8001E-11	.8431E-11	.8871E-11	.9300E-11	.9697E-11	.1004E-10	.1031E-10	.1048E-10	.1054E-10	.1048E-10	.1030E-10	.1004E-10	.9691E-11	.9293E-11	.8863E-11	.8423E-11	.7993E-11
60.	.7874E-11	.8177E-11	.8494E-11	.8809E-11	.9106E-11	.9369E-11	.9577E-11	.9715E-11	.9765E-11	.9713E-11	.9574E-11	.9364E-11	.9101E-11	.8802E-11	.8486E-11	.8169E-11	.7866E-11
70.	.7743E-11	.7915E-11	.8106E-11	.8307E-11	.8504E-11	.8686E-11	.8836E-11	.8939E-11	.8979E-11	.8938E-11	.8834E-11	.8692E-11	.8499E-11	.8300E-11	.8099E-11	.7907E-11	.7735E-11
80.	.7611E-11	.7654E-11	.7724E-11	.7814E-11	.7917E-11	.8022E-11	.8117E-11	.8188E-11	.8217E-11	.8187E-11	.8115E-11	.8019E-11	.7912E-11	.7808E-11	.7717E-11	.7647E-11	.7603E-11
90.	.7484E-11	.7405E-11	.7361E-11	.7349E-11	.7365E-11	.7401E-11	.7446E-11	.7487E-11	.7507E-11	.7496E-11	.7444E-11	.7398E-11	.7361E-11	.7344E-11	.7355E-11	.7396E-11	.7476E-11
100.	.7365E-11	.7174E-11	.7027E-11	.6925E-11	.6864E-11	.6838E-11	.6840E-11	.6855E-11	.6867E-11	.6855E-11	.6838E-11	.6835E-11	.6860E-11	.6919E-11	.7021E-11	.7167E-11	.7358E-11
110.	.7258E-11	.6967E-11	.6730E-11	.6549E-11	.6422E-11	.6345E-11	.6310E-11	.6304E-11	.6309E-11	.6304E-11	.6309E-11	.6343E-11	.6418E-11	.6544E-11	.6724E-11	.6960E-11	.7251E-11
120.	.7165E-11	.6787E-11	.6474E-11	.6227E-11	.6046E-11	.5928E-11	.5863E-11	.5839E-11	.5838E-11	.5839E-11	.5861E-11	.5925E-11	.6043E-11	.6222E-11	.6468E-11	.6781E-11	.7157E-11
130.	.7066E-11	.6630E-11	.6262E-11	.5962E-11	.5739E-11	.5587E-11	.5498E-11	.5461E-11	.5456E-11	.5461E-11	.5497E-11	.5584E-11	.5735E-11	.5958E-11	.6256E-11	.6631E-11	.7079E-11
140.	.7023E-11	.6519E-11	.6094E-11	.5754E-11	.5497E-11	.5321E-11	.5215E-11	.5168E-11	.5159E-11	.5167E-11	.5214E-11	.5318E-11	.5494E-11	.5750E-11	.6089E-11	.6513E-11	.7016E-11
150.	.6976E-11	.6430E-11	.5970E-11	.5600E-11	.5320E-11	.5125E-11	.5007E-11	.4953E-11	.4942E-11	.4952E-11	.5006E-11	.5123E-11	.5317E-11	.5596E-11	.5965E-11	.6424E-11	.6969E-11
160.	.6944E-11	.6378E-11	.5886E-11	.5496E-11	.5208E-11	.4994E-11	.4867E-11	.4808E-11	.4796E-11	.4808E-11	.4866E-11	.4992E-11	.5197E-11	.5492E-11	.5860E-11	.6364E-11	.6937E-11
170.	.6925E-11	.6334E-11	.5836E-11	.5434E-11	.5130E-11	.4917E-11	.4786E-11	.4724E-11	.4710E-11	.4723E-11	.4785E-11	.4915E-11	.5127E-11	.5430E-11	.5831E-11	.6328E-11	.6918E-11
180.	.6917E-11	.6318E-11	.5813E-11	.5407E-11	.5098E-11	.4881E-11	.4748E-11	.4685E-11	.4671E-11	.4685E-11	.4747E-11	.4880E-11	.5095E-11	.5403E-11	.5808E-11	.6312E-11	.6910E-11
190.	.6915E-11	.6314E-11	.5808E-11	.5400E-11	.5090E-11	.4873E-11	.4739E-11	.4676E-11	.4662E-11	.4675E-11	.4738E-11	.4871E-11	.5087E-11	.5396E-11	.5802E-11	.6306E-11	.6907E-11
200.	.6915E-11	.6314E-11	.5808E-11	.5400E-11	.5091E-11	.4874E-11	.4740E-11	.4677E-11	.4663E-11	.4676E-11	.4739E-11	.4872E-11	.5088E-11	.5396E-11	.5803E-11	.6306E-11	.6908E-11
210.	.6919E-11	.6321E-11	.5818E-11	.5412E-11	.5104E-11	.4889E-11	.4756E-11	.4693E-11	.4680E-11	.4693E-11	.4755E-11	.4887E-11	.5101E-11	.5409E-11	.5813E-11	.6315E-11	.6911E-11
220.	.6931E-11	.6346E-11	.5852E-11	.5454E-11	.5152E-11	.4941E-11	.4812E-11	.4750E-11	.4737E-11	.4750E-11	.4810E-11	.4939E-11	.5149E-11	.5450E-11	.5846E-11	.6346E-11	.6924E-11
230.	.6959E-11	.6397E-11	.5924E-11	.5543E-11	.5254E-11	.5053E-11	.4931E-11	.4874E-11	.4862E-11	.4873E-11	.4930E-11	.5051E-11	.5251E-11	.5539E-11	.5919E-11	.6391E-11	.6952E-11
240.	.7006E-11	.6486E-11	.6048E-11	.5696E-11	.5431E-11	.5247E-11	.5137E-11	.5087E-11	.5077E-11	.5086E-11	.5136E-11	.5245E-11	.5428E-11	.5692E-11	.6042E-11	.6480E-11	.6999E-11
250.	.7075E-11	.6618E-11	.6234E-11	.5927E-11	.5698E-11	.5541E-11	.5450E-11	.5411E-11	.5405E-11	.5411E-11	.5449E-11	.5539E-11	.5694E-11	.5923E-11	.6228E-11	.6611E-11	.7068E-11
260.	.7169E-11	.6797E-11	.6487E-11	.6244E-11	.6066E-11	.5949E-11	.5886E-11	.5863E-11	.5864E-11	.5884E-11	.5947E-11	.6062E-11	.6239E-11	.6482E-11	.6790E-11	.7162E-11
270.	.7287E-11	.7022E-11	.6809E-11	.6649E-11	.6539E-11	.6476E-11	.6451E-11	.6450E-11	.6457E-11	.6450E-11	.6449E-11	.6473E-11	.6536E-11	.6644E-11	.6803E-11	.7016E-11	.7279E-11
280.	.7423E-11	.7289E-11	.7193E-11	.7136E-11	.7112E-11	.7117E-11	.7140E-11	.7168E-11	.7184E-11	.7167E-11	.7136E-11	.7114E-11	.7108E-11	.7130E-11	.7187E-11	.7282E-11	.7417E-11
290.	.7577E-11	.7587E-11	.7626E-11	.7688E-11	.7767E-11	.7853E-11	.7934E-11	.7997E-11	.8023E-11	.7996E-11	.7932E-11	.7850E-11	.7762E-11	.7682E-11	.7619E-11	.7580E-11	.7569E-11
300.	.7736E-11	.7901E-11	.8086E-11	.8280E-11	.8473E-11	.8651E-11	.8798E-11	.8899E-11	.8938E-11	.8898E-11	.8795E-11	.8647E-11	.8468E-11	.8274E-11	.8079E-11	.7893E-11	.7728E-11
310.	.7892E-11	.8213E-11	.8547E-11	.8878E-11	.9190E-11	.9463E-11	.9690E-11	.9822E-11	.9874E-11	.9821E-11	.9677E-11	.9459E-11	.9184E-11	.8871E-11	.8539E-11	.8205E-11	.7894E-11
320.	.8037E-11	.8504E-11	.8979E-11	.9442E-11	.9868E-11	.1024E-10	.1052E-10	.1070E-10	.1077E-10	.1070E-10	.1052E-10	.1023E-10	.9862E-11	.9435E-11	.8972E-11	.8496E-11	.8029E-11
330.	.8161E-11	.8754E-11	.9354E-11	.9932E-11	.1046E-10	.1091E-10	.1126E-10	.1147E-10	.1155E-10	.1147E-10	.1125E-10	.1091E-10	.1045E-10	.9925E-11	.9346E-11	.8746E-11	.8153E-11
340.	.8256E-11	.8940E-11	.9645E-11	.1032E-10	.1092E-10	.1144E-10	.1183E-10	.1208E-10	.1216E-10	.1208E-10	.1183E-10	.1144E-10	.1092E-10	.1031E-10	.9637E-11	.8940E-11	.8246E-11
350.	.8318E-11	.9074E-11	.9835E-11	.1057E-10	.1123E-10	.1179E-10	.1221E-10	.1248E-10	.1257E-10	.1247E-10	.1221E-10	.1178E-10	.1122E-10	.1056E-10	.9826E-11	.9065E-11	.8309E-11

90. -90.

.7590E-11 .7598E-11

Number of Data Values: 612

Mean Value. .7608E-11

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 400.0
F10: 70.00 F10B: 70.00 GI. 0.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10	20.	30.	40.	50	60	70	80
0.	.7240E-12	.8203E-12	.9370E-12	.1045E-11	.1147E-11	.1234E-11	.1302E-11	.1345E-11	.1360E-11	.1345E-11	.1302E-11	.1234E-11	.1146E-11	.1044E-11	.9358E-12	.8272E-12	.7237E-12
10.	.7234E-12	.8254E-12	.9323E-12	.1039E-11	.1139E-11	.1225E-11	.1292E-11	.1334E-11	.1349E-11	.1334E-11	.1291E-11	.1224E-11	.1137E-11	.1038E-11	.9311E-12	.8242E-12	.7233E-12
20.	.7177E-12	.8131E-12	.9130E-12	.1013E-11	.1106E-11	.1187E-11	.1249E-11	.1285E-11	.1303E-11	.1289E-11	.1246E-11	.1186E-11	.1105E-11	.1011E-11	.9118E-12	.8119E-12	.7166E-12
30.	.7081E-12	.7929E-12	.8816E-12	.9697E-12	.1052E-11	.1124E-11	.1180E-11	.1216E-11	.1228E-11	.1216E-11	.1180E-11	.1127E-11	.1051E-11	.9666E-12	.8804E-12	.7918E-12	.7071E-12
40.	.6936E-12	.7666E-12	.8408E-12	.9147E-12	.9841E-12	.1045E-11	.1092E-11	.1123E-11	.1133E-11	.1122E-11	.1092E-11	.1044E-11	.9832E-12	.9177E-12	.8397E-12	.7655E-12	.6946E-12
50.	.6810E-12	.7362E-12	.7941E-12	.8520E-12	.9067E-12	.9549E-12	.9930E-12	.1018E-11	.1027E-11	.1018E-11	.9929E-12	.9542E-12	.9059E-12	.8510E-	.7730E-12	.7351E-12	.6800E-12
60.	.6747E-12	.7034E-12	.7443E-12	.7859E-12	.8257E-12	.8613E-12	.8901E-12	.9092E-12	.9161E-12	.9090E-12	.8897E-12	.8607E-12	.8249E-12	.7850E-12	.7434E-12	.7024E-12	.6735E-12
70.	.6577E-12	.6796E-12	.6943E-12	.7201E-12	.7458E-12	.7696E-12	.7894E-12	.8035E-12	.8085E-12	.8031E-12	.7891E-12	.7691E-12	.7451E-12	.7193E-12	.6934E-12	.6766E-12	.6567E-12
80.	.6411E-12	.6466E-12	.6554E-12	.6660E-12	.6799E-12	.6837E-12	.6950E-12	.7048E-12	.7085E-12	.7047E-12	.6953E-12	.6832E-12	.6794E-12	.6[illegible]	.6[illegible]	.6[illegible]	.6[illegible]
90.	.6253E-12	.6159E-12	.6016E-12	.6001E-12	.6021E-12	.6150E-12	.6266E-12	.6257E-12	.6201E-12	.6256E-12	.6295E-12	[illegible]	[illegible]	[illegible]	[illegible]	.6146E-12	.6247E-12
100.	.6021E-12	.5796E-12	.5614E-12	.5493E-12	.5421E-12	.5392E-12	.5393E-12	.5412E-12	.5435E-12	.5431E-12	.5391E-12	.5388E-12	.5416E-12	.5487E-12	.5[illegible]	.5761E-12	.6014E-12
110.	.5891E-12	.5573E-12	.5265E-12	.5056E-12	.4913E-12	.4825E-12	.4785E-12	.4779E-12	.4794E-12	.4778E-12	.4783E-12	.4822E-12	.4907E-12	.5051E-12	.5258E-12	.5533E-12	.5882E-12
120.	.5778E-12	.5370E-12	.4971E-12	.4692E-12	.4492E-12	.4362E-12	.4295E-12	.4266E-12	.4264E-12	.4265E-12	.4289E-12	.4359E-12	.4488E-12	.4687E-12	.4964E-12	.5325E-12	.5769E-12
130.	.5686E-12	.5194E-12	.4731E-12	.4399E-12	.4157E-12	.3999E-12	.3903E-12	.3864E-12	.3858E-12	.3863E-12	.3901E-12	.3993E-12	.4154E-12	.4394E-12	.4729E-12	.5151E-12	.5676E-12
140.	.5610E-12	.5022E-12	.4544E-12	.4174E-12	.3902E-12	.3718E-12	.3609E-12	.3561E-12	.3552E-12	.3561E-12	.3608E-12	.3716E-12	.3898E-12	.4169E-12	.4539E-12	.5015E-12	.5601E-12
150.	.5554E-12	.4921E-12	.4408E-12	.4018E-12	.3717E-12	.3518E-12	.3400E-12	.3345E-12	.3334E-12	.3345E-12	.3399E-12	.3516E-12	.3714E-12	.4005E-12	.4402E-12	.4914E-12	.5546E-12
160.	.5516E-12	.4853E-12	.4216E-12	.3908E-12	.3594E-12	.3366E-12	.3261E-12	.3203E-12	.3191E-12	.3203E-12	.3260E-12	.3384E-12	.3591E-12	.3896E-12	.4310E-12	.4846E-12	.5508E-12
170.	.5494E-12	.4812E-12	.4[illegible]2E-12	.3836E-12	.3523E-12	.3310E-12	.3181E-12	.3121E-12	.3108E-12	.3121E-12	.3180E-12	.3308E-12	.3520E-12	.3832E-12	.4256E-12	.4806E-12	.5496E-12
180.	.5484E-12	.4794E-12	.4[illegible]7E-12	.3807E-12	.3491E-12	.3275E-12	.3145E-12	.3084E-12	.3071E-12	.3084E-12	.3144E-12	.3273E-12	.3488E-12	.3803E-12	.4232E-12	.4787E-12	.5475E-12
190.	.5481E-12	.4790E-12	.4[illegible]2E-12	.3800E-12	.3483E-12	.3267E-12	.3136E-12	.3075E-12	.3061E-12	.3074E-12	.3135E-12	.3265E-12	.3480E-12	.3796E-12	.4226E-12	.4783E-12	.5473E-12
200.	.5481E-12	.4790E-12	.4[illegible]2E-12	.3800E-12	.3483E-12	.3267E-12	.3137E-12	.3076E-12	.3062E-12	.3075E-12	.3136E-12	.3265E-12	.3480E-12	.3796E-12	.4226E-12	.4783F-12	.5473E-12
210.	.5486E-12	.4790E-12	.4242E-12	.3813E-12	.3497E-12	.3282E-12	.3152E-12	.3092E-12	.3078E-12	.3091E-12	.3151E-12	.3280E-12	.3494E-12	.3809E-12	.4237E-12	.4791E-12	.5477E-12
220.	.5501E-12	.4825E-12	.4279E-12	.3856E-12	.3546E-12	.3334E-12	.3206E-12	.3147E-12	.3134E-12	.3147E-12	.3205E-12	.3332E-12	.3543E-12	.3852E-12	.4273E-12	.4818F-12	.5493E-12
230.	.5534E-12	.4884E-12	.4357E-12	.3949E-12	.3650E-12	.3446E-12	.3324E-12	.3267E-12	.3256E-12	.3267E-12	.3323E-12	.3444E-12	.3647E-12	.3945E-12	.4352E-12	.4877E-12	.5525E-12
240.	.5593E-12	.4984E-12	.4493E-12	.4112E-12	.3832E-12	.3643E-12	.3530E-12	.3480E-12	.3470E-12	.3479E-12	.3529E-12	.3640E-12	.3829E-12	.4108E-12	.4487E-12	.4977E-12	.5580E-12
250.	.5672E-12	.5136E-12	.4699E-12	.4361E-12	.4114E-12	.3948E-12	.3852E-12	.3812E-12	.3806E-12	.3811E-12	.3851E-12	.3945E-12	.4110E-12	.4356E-12	.4693E-12	.5140E-12	.5663E-12
260.	.5784E-12	.5343E-12	.4986E-12	.4712E-12	.4513E-12	.4385E-12	.4316E-12	.4292E-12	.4291E-12	.4291E-12	.4314E-12	.4382E-12	.4509E-12	.4706E-12	.4979E-12	.5335F-12	.5775F-12
270.	.5926E-12	.5609E-12	.5358E-12	.5171E-12	.5046E-12	.4973E-12	.4944E-12	.4944E-12	.4951E-12	.4943E-12	.4942E-12	.4970E-12	.5041E-12	.5166E-12	.5351E-12	.5601E-12	.5917E-12
280.	.6179E-12	.5928E-12	.5813E-12	.5744E-12	.5716E-12	.5722E-12	.5749E-12	.5763E-12	.5801E-12	.5762E-12	.5747E-12	.5710E-12	.5711E-12	.5737E-12	.5805E-12	.5920E-12	.6169E-12
290	.6369E-12	.6301E-12	.6430E-12	.6509E-12	.6608E-12	.6718E-12	.6822E-12	.6905E-12	.6938E-12	.6904E-12	.6813E-12	.6713E-12	.6602E-12	.6501E-12	.6422E-12	.6374E-12	.6359E-12
300.	.6569E-12	.6779E-12	.6910E-12	.7167E-12	.7417E-12	.7649E-12	.7844E-12	.7979E-12	.8031E-12	.7978E-12	.7841E-12	.7644E-12	.7410E-12	.7159E-12	.6909E-12	.6769E-12	.6559E-12
310.	.6768E-12	.7001E-12	.7513E-12	.7951E-12	.8370E-12	.8743E-12	.9043E-12	.9242E-12	.9314E-12	.9240E-12	.9039E-12	.8737E-12	.8362E-12	.7942E-12	.7503E-12	.7070E-12	.6757E-12
320.	.6856E-12	.7457E-12	.8006E-12	.8714E-12	.9307E-12	.9826E-12	.1024E-11	.1056E-11	.1059E-11	.1050E-11	.1023E-11	.9819E-12	.9298E-12	.8704E-12	.8076E-12	.7446E-12	.6845E-12
330.	.7014E-12	.7786E-12	.8594E-12	.9397E-12	.1015E-11	.1081E-11	.1132E-11	.1165E-11	.1176E-11	.1165E-11	.1131E-11	.1080E-11	.1014E-11	.9306E-12	.8582E-12	.7775E-12	.7003E-12
340.	.7136E-12	.8044E-12	.8995E-12	.9941E-12	.1083E-11	.1160E-11	.1219E-11	.1257E-11	.1270E-11	.1257E-11	.1219E-11	.1159E-11	.1082E-11	.9930E-12	.8983E-12	.8033E-12	.7145E-12
350.	.7215E-12	.8213E-12	.9260E-12	.1030E-11	.1120E-11	.1212E-11	.1278E-11	.1319E-11	.1333E-11	.1319E-11	.1277E-11	.1212E-11	.1127E-11	.1029E-11	.9248E-12	.8202E-12	.7204E-12

90.	-90.
.6385E-12	.6395E-12

Number of Data Values: 612

Mean Value: .6506E-12

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 407.7
F10 70.00 F10B: 70.00 GI: 0.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0.	.6087E-12	.6979E-12	.7919E-12	.8857E-12	.9739E-12	.1050E-11	.1110E-11	.1147E-11	.1160E-11	.1147E-11	.1109E-11	.1050E-11	.9730E-12	.8847E-12	.7908E-12	.6969E-12	.6078E-12
10	.6075E-12	.6953E-12	.7878E-12	.8801E-12	.9669E-12	.1042E-11	.1101E-11	.1138E-11	.1150E-11	.1137E-11	.1100E-11	.1041E-11	.9660E-12	.8791E-12	.7867E-12	.6943E-12	.6066E-12
20	.6026E-12	.6848E-12	.7711E-12	.8573E-12	.9383E-12	.1009E-11	.1063E-11	.1098E-11	.1110E-11	.1098E-11	.1063E-11	.1008E-11	.9374E-12	.8563E-12	.7701E-12	.6838E-12	.6016E-12
30	.5944E-12	.6674E-12	.7439E-12	.8202E-12	.8920E-12	.9545E-12	.1003E-11	.1034E-11	.1045E-11	.1034E-11	.1003E-11	.9538E-12	.8912E-12	.8193E-12	.7429E-12	.6664E-12	.5935E-12
40.	.5836E-12	.6447E-12	.7087E-12	.7726E-12	.8327E-12	.8853E-12	.9265E-12	.9531E-12	.9623E-12	.9520E-12	.9261E-12	.8847E-12	.8319E-12	.7717E-12	.7078E-12	.6438E-12	.5827E-12
50.	.5711E-12	.6185E-12	.6684E-12	.7183E-12	.7657E-12	.8074E-12	.8404E-12	.8619E-12	.8696E-12	.8617E-12	.8400E-12	.8060E-12	.7649E-12	.7175E-12	.6675E-12	.6176E-12	.5702E-12
60.	.5574E-12	.5904E-12	.6255E-12	.6613E-12	.6957E-12	.7264E-12	.7513E-12	.7678E-12	.7738E-12	.7676E-12	.7509E-12	.7259E-12	.6950E-12	.6605E-12	.6247E-12	.5895E-12	.5565E-12
70	.5432E-12	.5617E-12	.5825E-12	.6046E-12	.6267E-12	.6473E-12	.6644E-12	.6763E-12	.6808E-12	.6762E-12	.6641E-12	.6461E-12	.6262E-12	.6040E-12	.5810E-12	.5609E-12	.5424E-12
80.	.5292E-12	.5338E-12	.5412E-12	.5509E-12	.5620E-12	.5734E-12	.5830E-12	.5916E-12	.5947E-12	.5914E-12	.5830E-12	.5698E-12	.5615E-12	.5503E-12	.5405E-12	.5330E-12	.5284E-12
90	.5158E-12	.5076E-12	.5030E-12	.5018E-12	.5034E-12	.5071E-12	.5118E-12	.5162E-12	.5182E-12	.5161E-12	.5116E-12	.5060E-12	.5029E-12	.5012E-12	.5023E-12	.5069E-12	.5150E-12
100	.5034E-12	.4937E-12	.4687E-12	.4593E-12	.4522E-12	.4497E-12	.4498E-12	.4514E-12	.4525E-12	.4513E-12	.4496E-12	.4494E-12	.4518E-12	.4578E-12	.4681E-12	.4836E-12	.5026E-12
110	.4923E-12	.4626E-12	.4389E-12	.4211E-12	.4088E-12	.4014E-12	.3980E-12	.3974E-12	.3979E-12	.3974E-12	.3979E-12	.4011E-12	.4084E-12	.4206E-12	.4383E-12	.4619E-12	.4915E-12
120	.4827E-12	.4446E-12	.4138E-12	.3901E-12	.3731E-12	.3620E-12	.3561E-12	.3539E-12	.3538E-12	.3538E-12	.3559E-12	.3610E-12	.3727E-12	.3897E-12	.4132E-12	.4439E-12	.4819E-12
130	.4747E-12	.4298E-12	.3934E-12	.3652E-12	.3499E-12	.3360E-12	.3280E-12	.3247E-12	.3242E-12	.3246E-12	.3279E-12	.3358E-12	.3496E-12	.3648E-12	.3929E-12	.4292E-12	.4739E-12
140.	.4683E-12	.4182E-12	.3776E-12	.3513E-12	.3279E-12	.3122E-12	.2984E-12	.2944E-12	.2936E-12	.2943E-12	.2983E-12	.3120E-12	.3277E-12	.3509E-12	.3771E-12	.4175E-12	.4676E-12
150	.4635E-12	.4096E-12	.3660E-12	.3372E-12	.3121E-12	.2908E-12	.2808E-12	.2762E-12	.2753E-12	.2762E-12	.2807E-12	.2906E-12	.3118E-12	.3368E-12	.3655E-12	.4098E-12	.4628E-12
160.	.4603E-12	.4037E-12	.3582E-12	.3278E-12	.2972E-12	.2797E-12	.2691E-12	.2643E-12	.2632E-12	.2642E-12	.2690E-12	.2795E-12	.2969E-12	.3274E-12	.3577E-12	.4031E-12	.4596E-12
170.	.4584E-12	.4003E-12	.3536E-12	.3223E-12	.2912E-12	.2732E-12	.2624E-12	.2573E-12	.2563E-12	.2573E-12	.2623E-12	.2730E-12	.2909E-12	.3219E-12	.3531E-12	.3997E-12	.4577E-12
180.	.4575E-12	.3980E-12	.3515E-12	.3190E-12	.2884E-12	.2703E-12	.2594E-12	.2542E-12	.2531E-12	.2542E-12	.2593E-12	.2701E-12	.2882E-12	.3194E-12	.3510E-12	.3982E-12	.4560E-12
190	.4573E-12	.3984E-12	.3510E-12	.3192E-12	.2878E-12	.2696E-12	.2566E-12	.2535E-12	.2524E-12	.2534E-12	.2585E-12	.2694E-12	.2875E-12	.3188E-12	.3505E-12	.3978E-12	.4566E-12
200	.4573E-12	.3984E-12	.3510E-12	.3192E-12	.2878E-12	.2696E-12	.2587E-12	.2535E-12	.2524E-12	.2535E-12	.2586E-12	.2695E-12	.2876E-12	.3189E-12	.3506E-12	.3978E-12	.4566E-12
210	.4577E-12	.3991E-12	.3519E-12	.3203E-12	.2890E-12	.2709E-12	.2660E-12	.2549E-12	.2538E-12	.2548E-12	.2599E-12	.2707E-12	.2888E-12	.3200E-12	.3515E-12	.3985E-12	.4570E-12
220	.4590E-12	.4014E-12	.3550E-12	.3240E-12	.2931E-12	.2752E-12	.2645E-12	.2595E-12	.2585E-12	.2595E-12	.2644E-12	.2751E-12	.2928E-12	.3237E-12	.3546E-12	.4000E-12	.4583E-12
230	.4618E-12	.4064E-12	.3617E-12	.3321E-12	.3063E-12	.2847E-12	.2744E-12	.2696E-12	.2687E-12	.2696E-12	.2743E-12	.2845E-12	.3061E-12	.3317E-12	.3612E-12	.4050E-12	.4611E-12
240.	.4665E-12	.4149E-12	.3732E-12	.3460E-12	.3220E-12	.3057E-12	.2918E-12	.2875E-12	.2867E-12	.2875E-12	.2917E-12	.3035E-12	.3217E-12	.3456E-12	.3727E-12	.4143E-12	.4658E-12
250.	.4736E-12	.4278E-12	.3907E-12	.3620E-12	.3462E-12	.3319E-12	.3237E-12	.3202E-12	.3197E-12	.3202E-12	.3236E-12	.3317E-12	.3458E-12	.3616E-12	.3902E-12	.4272E-12	.4728E-12
260	.4832E-12	.4455E-12	.4151E-12	.3917E-12	.3749E-12	.3640E-12	.3592E-12	.3561E-12	.3560E-12	.3560E-12	.3588E-12	.3638E-12	.3746E-12	.3912E-12	.4145E-12	.4449E-12	.4824E-12
270.	.4953E-12	.4602E-12	.4468E-12	.4309E-12	.4202E-12	.4140E-12	.4115E-12	.4115E-12	.4121E-12	.4114E-12	.4114E-12	.4137E-12	.4198E-12	.4304E-	.4462E-12	.4675E-12	.4945E-12
280	.5096E-12	.4955E-12	.4856E-12	.4797E-12	.4774E-12	.4778E-12	.4802E-12	.4831E-12	.4846E-12	.4830E-12	.4800E-12	.4775E-12	.4769E-12	.4792E-12	.4858E-12	.4948E-12	.5068E-12
290	.5256E-12	.5267E-12	.5308E-12	.5374E-12	.5458E-12	.5551E-12	.5638E-12	.5706E-12	.5735E-12	.5705E-12	.5636E-12	.5547E-12	.5452E-12	.5360E-12	.5301E-12	.5259E-12	.5240E-12
300.	.5425E-12	.5602E-12	.5803E-12	.6017E-12	.6232E-12	.6432E-12	.6600E-12	.6717E-12	.6761E-12	.6715E-12	.6597E-12	.6420E-12	.6227E-12	.6011E-12	.5796E-12	.5594E-12	.5416E-12
310.	.5593E-12	.5943E-12	.6315E-12	.6692E-12	.7054E-12	.7376E-12	.7636E-12	.7808E-12	.7870E-12	.7806E-12	.7632E-12	.7371E-12	.7047E-12	.6685E-12	.6307E-12	.5934E-12	.5584E-12
320.	.5750E-12	.6267E-12	.6809E-12	.7351E-12	.7864E-12	.8314E-12	.8670E-12	.8900E-12	.8981E-12	.8898E-12	.8665E-12	.8308E-12	.7856E-12	.7343E-12	.6800E-12	.6258E-12	.5741E-12
330	.5886E-12	.6550F-12	.7247E-12	.7942E-12	.8596E-12	.9166E-12	.9612E-12	.9898E-12	.9997E-12	.9895E-12	.9607E-12	.9160E-12	.8588E-12	.7933E-12	.7237E-12	.6541E-12	.5876E-12
340.	.5991E-12	.6773E-12	.7594E-12	.8414E-12	.9184E-12	.9851E-12	.1037E-11	.1071E-11	.1082E-11	.1070E-11	.1037E-11	.9846E-12	.9175E-12	.8404E-12	.7584E-12	.6763E-12	.5961E-12
350.	.6059E-12	.6919E-12	.7823E-12	.8727E-12	.9575E-12	.1031E-11	.1088E-11	.1125E-11	.1137E-11	.1124E-11	.1088E-11	.1030E-11	.9566E-12	.8717E-12	.7813E-12	.6909E-12	.6050E-12

90. -90.

.5269E-12 .5270E-12

Number of Data Values: 612

Mean Value: .5461E-12

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 445.0
F10: 70.00 F100: 70.00 CI: 0.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70	80
0.	.2657E-12	.3091E-12	.3556E-12	.4028E-12	.4477E-12	.4871E-12	.5179E-12	.5375E-12	.5442E-12	.5374E-12	.5177E-12	.4867E-12	.4472E-12	.4023E-12	.3551E-12	.3086E-12	.2653E-12
10.	.2651E-12	.3079E-12	.3536E-12	.4000E-12	.4441E-12	.4829E-12	.5132E-12	.5325E-12	.5390E-12	.5323E-12	.5129E-12	.4825E-12	.4437E-12	.3995E-12	.3531E-12	.3074F-12	.2647E-12
20.	.2628E-12	.3027E-12	.3453E-12	.3885E-12	.4295E-12	.4656E-12	.4938E-12	.5119E-12	.5181E-12	.5117E-12	.4936E-12	.4652E-12	.4291E-12	.3880E-12	.3448F-12	.3022E-12	.2627E-12
30.	.2588E-12	.2942E-12	.3318E-12	.3698E-12	.4060E-12	.4378E-12	.4628E-12	.4788E-12	.4843E-12	.4786E-12	.4625E-12	.4374E-12	.4056E-12	.3693E-12	.3313E-12	.2937E-12	.2584E-12
40.	.2537E-12	.2832E-12	.3144E-12	.3460E-12	.3761E-12	.4026E-12	.4235E-12	.4371E-12	.4418E-12	.4369E-12	.4233E-12	.4023E-12	.3757E-12	.3456E-12	.3140E-12	.2827E-12	.2534E-12
50.	.2476E-12	.2704E-12	.2947E-12	.3192E-12	.3426E-12	.3634E-12	.3799E-12	.3908E-12	.3946E-12	.3907E-12	.3797E-12	.3631E-12	.3422E-12	.3188E-12	.2942E-12	.2700E-12	.2472E-12
60.	.2411E-12	.2569E-12	.2738E-12	.2912E-12	.3080E-12	.3232E-12	.3354E-12	.3436E-12	.3466E-12	.3436E-12	.3353E-12	.3229E-12	.3077E-12	.2908E-12	.2734E-12	.2565E-12	.2407E-12
70.	.2344E-12	.2432E-12	.2531E-12	.2630E-12	.2744E-12	.2844E-12	.2927E-12	.2985E-12	.3007E-12	.2985E-12	.2926E-12	.2842E-12	.2741E-12	.2634E-12	.2520F-12	.2420F-12	.2340F-12
80.	.2277E-12	.2299E-12	.2334E-12	.2380E-12	.2433E-12	.2488E-12	.2537E-12	.2575E-12	.2590E-12	.2574E-12	.2536E-12	.2486E-12	.2431E-12	.2377E-12	.2331E-12	.2295E-12	.2273E-12
90.	.2214E-12	.2175E-12	.2154E-12	.2148E-12	.2156E-12	.2173E-12	.2195E-12	.2216E-12	.2225E-12	.2215E-12	.2194E-12	.2171E-12	.2153E-12	.2145E-12	.2150E-12	.2172E-12	.2210E-12
100.	.2156E-12	.2063E-12	.1993E-12	.1945E-12	.1917E-12	.1905E-12	.1906E-12	.1913E-12	.1918E-12	.1912E-12	.1905E-12	.1903E-12	.1915E-12	.1943E-12	.1990E-12	.2060E-12	.2152E-12
110.	.2104E-12	.1965E-12	.1855E-12	.1773E-12	.1717E-12	.1683E-12	.1668E-12	.1665E-12	.1667E-12	.1665E-12	.1667E-12	.1682E-12	.1715E-12	.1771E-12	.1852E-12	.1962E-12	.2104E-12
120.	.2058E-12	.1881E-12	.1740E-12	.1632E-12	.1554E-12	.1505E-12	.1478E-12	.1468E-12	.1468E-12	.1468E-12	.1477E-12	.1504E-12	.1553E-12	.1630E-12	.1737E-12	.1878E-12	.2055E-12
130.	.2021E-12	.1813E-12	.1647E-12	.1519E-12	.1427E-12	.1366E-12	.1331E-12	.1317E-12	.1315E-12	.1317E-12	.1331E-12	.1366E-12	.1426E-12	.1517E-12	.1644E-12	.1810E-12	.2018E-12
140.	.1991E-12	.1760E-12	.1575E-12	.1433E-12	.1331E-12	.1263E-12	.1223E-12	.1205E-12	.1202E-12	.1205E-12	.1222E-12	.1262E-12	.1330E-12	.1432E-12	.1572E-12	.1757E-12	.1986E-12
150.	.1969E-12	.1720E-12	.1522E-12	.1372E-12	.1262E-12	.1189E-12	.1146E-12	.1126E-12	.1122E-12	.1126E-12	.1145E-12	.1188E-12	.1261E-12	.1370E-12	.1520F-12	.1718F-12	.1966F-12
160.	.1954E-12	.1694E-12	.1487E-12	.1330E-12	.1217E-12	.1141E-12	.1095E-12	.1074E-12	.1070E-12	.1074E-12	.1095E-12	.1140E-12	.1216E-12	.1329E-12	.1485E-12	.1691E-12	.1951E-12
170.	.1945E-12	.1678E-12	.1467E-12	.1307E-12	.1191E-12	.1113E-12	.1066E-12	.1045E-12	.1040E-12	.1045E-12	.1066E-12	.1112E-12	.1190E-12	.1305E-12	.1465E-12	.1675E-12	.1942E-12
180.	.1941E-12	.1671E-12	.1458E-12	.1296E-12	.1179E-12	.1100E-12	.1053E-12	.1031E-12	.1027E-12	.1031E-12	.1053E-12	.1100E-12	.1178E-12	.1294E-12	.1455E-12	.1668E-12	.1938E-12
190.	.1940E-12	.1669E-12	.1455E-12	.1293E-12	.1176E-12	.1097E-12	.1050E-12	.1028E-12	.1023E-12	.1028E-12	.1050E-12	.1097E-12	.1175E-12	.1292E-12	.1453E-12	.1667E-12	.1937E-12
200.	.1940E-12	.1669E-12	.1455E-12	.1293E-12	.1176E-12	.1098E-12	.1050E-12	.1028E-12	.1024E-12	.1028E-12	.1050E-12	.1097E-12	.1175E-12	.1292E-12	.1453E-12	.1667E-12	.1937E-12
210.	.1942E-12	.1672E-12	.1459E-12	.1298E-12	.1181E-12	.1103E-12	.1056E-12	.1034E-12	.1029E-12	.1034E-12	.1056E-12	.1102E-12	.1180E-12	.1296E-12	.1457E-12	.1670E-12	.1939E-12
220.	.1948E-12	.1683E-12	.1473E-12	.1314E-12	.1199E-12	.1122E-12	.1076E-12	.1054E-12	.1050E-12	.1054E-12	.1075E-12	.1121E-12	.1198E-12	.1313E-12	.1471E-12	.1680E-12	.1945E-12
230.	.1961E-12	.1706E-12	.1503E-12	.1349E-12	.1230E-12	.1163E-12	.1118E-12	.1098E-12	.1093E-12	.1097E-12	.1118E-12	.1162E-12	.1236E-12	.1347E-12	.1501E-12	.1703E-12	.1958E-12
240.	.1983E-12	.1745E-12	.1555E-12	.1410E-12	.1305E-12	.1235E-12	.1193E-12	.1175E-12	.1171E-12	.1175E-12	.1193E-12	.1234E-12	.1304E-12	.1408E-12	.1553E-12	.1742E-12	.1980E-12
250.	.2016E-12	.1804E-12	.1634E-12	.1504E-12	.1411E-12	.1348E-12	.1313E-12	.1298E-12	.1295E-12	.1297E-12	.1312E-12	.1348E-12	.1409E-12	.1503E-12	.1632E-12	.1801E-12	.2013E-12
260.	.2061E-12	.1886E-12	.1745E-12	.1639E-12	.1563E-12	.1514E-12	.1487E-12	.1478E-12	.1478E-12	.1478E-12	.1487E-12	.1513E-12	.1561E-12	.1637E-12	.1743E-12	.1883E-12	.2057E-12
270.	.2117E-12	.1991E-12	.1891E-12	.1818E-12	.1769E-12	.1741E-12	.1729E-12	.1729E-12	.1732E-12	.1729E-12	.1726E-12	.1739E-12	.1767E-12	.1816E-12	.1889E-12	.1988E-12	.2114E-12
280.	.2185E-12	.2119E-12	.2072E-12	.2045E-12	.2034E-12	.2036E-12	.2047E-12	.2060E-12	.2068E-12	.2060E-12	.2046E-12	.2034E-12	.2032E-12	.2042E-12	.2069E-12	.2115E-12	.2181E-12
290.	.2260E-12	.2265E-12	.2285E-12	.2316E-12	.2356E-12	.2400E-12	.2442E-12	.2474E-12	.2488E-12	.2474E-12	.2441E-12	.2398E-12	.2354E-12	.2313E-12	.2281E-12	.2262E-12	.2256E-12
300.	.2340E-12	.2425E-12	.2521E-12	.2624E-12	.2727E-12	.2824E-12	.2906E-12	.2963E-12	.2984E-12	.2962E-12	.2904E-12	.2822E-12	.2725E-12	.2620E-12	.2517E-12	.2421E-12	.2336E-12
310.	.2420E-12	.2588E-12	.2767E-12	.2951E-12	.3128E-12	.3287E-12	.3415E-12	.3501E-12	.3532E-12	.3500E-12	.3414E-12	.3284E-12	.3125E-12	.2947E-12	.2763E-12	.2584E-12	.2416E-12
320.	.2495E-12	.2744E-12	.3009E-12	.3275E-12	.3529E-12	.3754E-12	.3933E-12	.4050E-12	.4091E-12	.4049E-12	.3931E-12	.3751E-12	.3525E-12	.3270E-12	.3003E-12	.2740E-12	.2491E-12
330.	.2560E-12	.2882E-12	.3223E-12	.3568E-12	.3896E-12	.4185E-12	.4412E-12	.4559E-12	.4610E-12	.4558E-12	.4410E-12	.4182E-12	.3892E-12	.3563E-12	.3218E-12	.2877E-12	.2556E-12
340.	.2611E-12	.2996E-12	.3395E-12	.3804E-12	.4194E-12	.4536E-12	.4804E-12	.4976E-12	.5035E-12	.4974E-12	.4802E-12	.4532E-12	.4189E-12	.3799E-12	.3390E-12	.2985E-12	.2606E-12
350.	.2644E-12	.3062E-12	.3569E-12	.3962E-12	.4393E-12	.4772E-12	.5068E-12	.5257E-12	.5322E-12	.5256E-12	.5066E-12	.4768E-12	.4389E-12	.3957E-12	.3504E-12	.3057E-12	.2639E-12

90. -90.

.2267E-12 .2271E-12

Number of Data Values: 612

Mean Value: .2306E-12

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 500.0
F10: 70.00 F10B: 70.00 GI: 0.00 (1-KP OR 2-AP): 2

LON (-WEST) (+EAST)	-80.	-70.	(-SOUTH) LATITUDES (+NORTH) -60.	-50.	-40.	-30	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0.	.8481E-13	.1001E-12	.1168E-12	.134[illegible]	.1511E-12	.1661E-12	.1780E-12	.1856E-12	.1883E-12	.1856E-12	.1779E-12	.1659E-12	.1509E-12	.1340E-12	.1166E-12	.9988E-13	.8465E-13
10.	.8461E-13	.9961E-13	.1161E-12	.1331E[illegible]	.1497E-12	.1645E-12	.1762E-12	.1837E-12	.1862E-12	.1836E-12	.1760E-12	.1643E-12	.1495E-12	.1329E-12	.1159E-12	.9947E-13	.8445E-13
20.	.8378E-13	.9777E-13	.1130E-12	.1289E-12	.1442E-12	.1579E-12	.1687E-12	.1757E-12	.1780E-12	.1756E-12	.1686E-12	.1577E-12	.1440E-12	.1287E-12	.1129E-12	.9759E-13	.8363E-13
30.	.8242E-13	.9476E-13	.1082E-12	.1220E-12	.1354E-12	.1473E-12	.1568E-12	.1629E-12	.1650E-12	.1628E-12	.1567E-12	.1472E-12	.1352E-12	.1218E-12	.1080E-12	.9459E-13	.8227E-13
40.	.8065E-13	.9084E-13	.1019E-12	.1133E-12	.1243E-12	.1341E-12	.1419E-12	.1470E-12	.1488E-12	.1470E-12	.1418E-12	.1340E-12	.1241E-12	.1131E-12	.1018E-12	.9072E-13	.8058E-13
50.	.7858E-13	.8847E-13	.9493E-13	.1015E-12	.1121E-12	.1196E-12	.1257E-12	.1297E-12	.1311E-12	.1297E-12	.1256E-12	.1195E-12	.1119E-12	.1035E-12	.9478E-13	.8630E-13	.7843E-13
60.	.7635E-13	.8175E-13	.8763E-13	[illegible]E-13	.9966E-13	.1051E-12	.1095E-12	.1125E-12	.1135E-12	.1124E-12	.1094E-12	.1050E-12	.9955E-13	.9358E-13	.8749E-13	.8161E-13	.7620E-13
70.	.7406E-13	.7785E-13	.8046E-13	.8413E-13	.8783E-13	.9131E-13	.9425E-13	.9630E-13	.9708E-13	.9627E-13	.9420E-13	.9124E-13	.8774E-13	.8401E-13	.8034E-13	.7692E-13	.7392E-13
80.	.7181E-13	.7255E-13	.7374E-13	.7530E-13	.7710E-13	.7896E-13	.8067E-13	.8195E-13	.8248E-13	.8193E-13	.8063E-13	.7890E-13	.7701E-13	.7520E-13	.7362E-13	.7242E-13	.7168E-13
90.	.6968E-13	.6837E-13	.6765E-13	.6746E-13	.6772E-13	.6831E-13	.6905E-13	.6973E-13	.7006E-13	.6972E-13	.6902E-13	.6825E-13	.6765E-13	.6737E-13	.6755E-13	.6826E-13	.6955E-13
100.	.6772E-13	.6464E-13	.6233E-13	.6074E-13	.5981E-13	.5943E-13	.5945E-13	.5969E-13	.5986E-13	.5967E-13	.5942E-13	.5930E-13	.5975E-13	.6066E-13	.6223E-13	.6453E-13	.6760E-13
110.	.6590E-13	.6139E-13	.5780E-13	.5514E-13	.5333E-13	.5225E-13	.5176E-13	.5167E-13	.5174E-13	.5166E-13	.5175E-13	.5221E-13	.5327E-13	.5507E-13	.5771E-13	.6129E-13	.6586E-13
120.	.6449E-13	.5866E-13	.5406E-13	.5061E-13	.4817E-13	.4661E-13	.4577E-13	.4546E-13	.4545E-13	.4546E-13	.4575E-13	.4657E-13	.4812E-13	.5054E-13	.5398E-13	.5856E-13	.6437E-13
130.	.6325E-13	.5644E-13	.5109E-13	.4706E-13	.4419E-13	.4230E-13	.4124E-13	.4079E-13	.4073E-13	.4079E-13	.4122E-13	.4228E-13	.4414E-13	.4700E-13	.5101E-13	.5634E-13	.6313E-13
140.	.6227E-13	.5471E-13	.4881E-13	.4438E-13	.4123E-13	.3914E-13	.3793E-13	.3740E-13	.3730E-13	.3740E-13	.3792E-13	.3912E-13	.4119E-13	.4433E-13	.4874E-13	.5462E-13	.6215E-13
150.	.6154E-13	.5344E-13	.4716E-13	.4247E-13	.3914E-13	.3693E-13	.3564E-13	.3505E-13	.3493E-13	.3504E-13	.3562E-13	.3691E-13	.3910E-13	.4242E-13	.4709E-13	.5336E-13	.6143E-13
160.	.6104E-13	.5259E-13	.4606E-13	.4121E-13	.3777E-13	.3549E-13	.3415E-13	.3353E-13	.3341E-13	.3353E-13	.3414E-13	.3547E-13	.3773E-13	.4116E-13	.4599E-13	.5250E-13	.6094E-13
170.	.6075E-13	.5209E-13	.4542E-13	.4040E-13	.3690E-13	.3467E-13	.3330E-13	.3267E-13	.3254E-13	.3267E-13	.3329E-13	.3465E-13	.3695E-13	.4043E-13	.4536E-13	.5201E-13	.6064E-13
180.	.6062E-13	.5187E-13	.4513E-13	.4015E-13	.3663E-13	.3430E-13	.3292E-13	.3229E-13	.3215E-13	.3228E-13	.3291E-13	.3428E-13	.3659E-13	.4010E-13	.4507E-13	.5178E-13	.6051E-13
190.	.6059E-13	.5181E-13	.4506E-13	.4007E-13	.3654E-13	.3421E-13	.3283E-13	.3219E-13	.3205E-13	.3219E-13	.3282E-13	.3419E-13	.3651E-13	.4002E-13	.4499E-13	.5172E-13	.6048E-13
200.	.6059E-13	.5181E-13	.4507E-13	.4007E-13	.3655E-13	.3421E-13	.3284E-13	.3220E-13	.3206E-13	.3220E-13	.3283E-13	.3419E-13	.3651E-13	.4003E-13	.4500E-13	.5173E-13	.6048E-13
210.	.6065E-13	.5191E-13	.4519E-13	.4021E-13	.3670E-13	.3437E-13	.3300E-13	.3237E-13	.3223E-13	.3236E-13	.3299E-13	.3435E-13	.3667E-13	.4017E-13	.4513E-13	.5183E-13	.6054E-13
220.	.6085E-13	.5225E-13	.4562E-13	.4071E-13	.3723E-13	.3493E-13	.3357E-13	.3294E-13	.3281E-13	.3294E-13	.3356E-13	.3491E-13	.3720E-13	.4066E-13	.4556E-13	.5216E-13	.6074E-13
230.	.6127E-13	.5298E-13	.4656E-13	.4170E-13	.3838E-13	.3614E-13	.3482E-13	.3421E-13	.3409E-13	.3421E-13	.3481E-13	.3612E-13	.3835E-13	.4173E-13	.4649E-13	.5289E-13	.6116E-13
240.	.6199E-13	.5423E-13	.4819E-13	.4366E-13	.4043E-13	.3830E-13	.3706E-13	.3650E-13	.3640E-13	.3650E-13	.3705E-13	.3828E-13	.4040E-13	.4361E-13	.4812E-13	.5414E-13	.6188E-13
250.	.6308E-13	.5614E-13	.5070E-13	.4660E-13	.4369E-13	.4176E-13	.4066E-13	.4020E-13	.4013E-13	.4020E-13	.4065E-13	.4173E-13	.4363E-13	.4654E-13	.5062E-13	.5693E-13	.6297E-13
260.	.6456E-13	.5880E-13	.5426E-13	.5084E-13	.4843E-13	.4689E-13	.4606E-13	.4577E-13	.4576E-13	.4576E-13	.4604E-13	.4685E-13	.4838E-13	.5077E-13	.5417E-13	.5870E-13	.6445E-13
270.	.6645E-13	.6225E-13	.5899E-13	.5660E-13	.5501E-13	.5410E-13	.5373E-13	.5373E-13	.5382E-13	.5372E-13	.5371E-13	.5406E-13	.5495E-13	.5653E-13	.5890E-13	.6215E-13	.6633E-13
280.	.6870E-13	.6649E-13	.6494E-13	.6403E-13	.6366E-13	.6374E-13	.6410E-13	.6454E-13	.6479E-13	.6453E-13	.6407E-13	.6369E-13	.6360E-13	.6394E-13	.6484E-13	.6637E-13	.6857E-13
290.	.7123E-13	.7140E-13	.7206E-13	.7312E-13	.7448E-13	.7597E-13	.7740E-13	.7851E-13	.7898E-13	.7849E-13	.7736E-13	.7591E-13	.7440E-13	.7302E-13	.7195E-13	.7128E-13	.7110E-13
300.	.7394E-13	.7601E-13	.8010E-13	.8365E-13	.8724E-13	.9063E-13	.9350E-13	.9550E-13	.9627E-13	.9548E-13	.9345E-13	.9055E-13	.8715E-13	.8353E-13	.7997E-13	.7668E-13	.7388E-13
310.	.7666E-13	.8241E-13	.8864E-13	.9508E-13	.1014E-12	.1071E-12	.1117E-12	.1148E-12	.1159E-12	.1148E-12	.1116E-12	.1070E-12	.1012E-12	.9495E-13	.8850E-13	.8227E-13	.7652E-13
320.	.7923E-13	.8783E-13	.9710E-13	.1066E-12	.1158E-12	.1241E-12	.1307E-12	.1350E-12	.1365E-12	.1350E-12	.1306E-12	.1239E-12	.1157E-12	.1065E-12	.9694E-13	.8767E-13	.7908E-13
330.	.8146E-13	.9264E-13	.1048E-12	.1172E-12	.1293E-12	.1400E-12	.1486E-12	.1541E-12	.1561E-12	.1541E-12	.1485E-12	.1399E-12	.1291E-12	.1171E-12	.1046E-12	.9248E-13	.8131E-13
340.	.8320E-13	.9647E-13	.1109E-12	.1259E-12	.1404E-12	.1533E-12	.1635E-12	.1701E-12	.1724E-12	.1701E-12	.1634E-12	.1531E-12	.1402E-12	.1257E-12	.1108E-12	.9670E-13	.8305E-13
350.	.8434E-13	.9880E-13	.1151E-12	.1317E-12	.1479E-12	.1623E-12	.1737E-12	.1810E-12	.1835E-12	.1810E-12	.1736E-12	.1621E-12	.1477E-12	.1315E-12	.1149E-12	.9883E-13	.8410E-13

90. -90.

.7145E-13 .7158E-13

Number of Data Values: 612

Mean Value: .7699E-13

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 14002 ALTITUDE(KM): 555.9
F10: 70.00 F10B: 70.00 GI: 0.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30	40	50	60	70.	80
0.	.3056E-13	.3598E-13	.4206E-13	.4850E-13	.5466E-13	.6063E-13	.6524E-13	.6823E-13	.6926E-13	.6821E-13	.6521E-13	.6059E-13	.5482E-13	4845E-13	42 2E-13	3595E-13	[illegible]
10.	.3049E-13	.3581E-13	.4178E-13	.4810E-13	.5434E-13	6000E-13	.6452E-13	.6745E-13	.6846E-13	.6744E-13	.6449E-13	.5996E-13	.5430E-13	4806E-13	.4175E-13	3578E-13	[illegible]
20.	.3020E-13	.3516E-13	.4068E-13	.4651E-13	.5226E-13	.5746E-13	.6163E-13	6433E-13	.6526E-13	.6432E-13	.6160E-13	.5742E-13	5222E-13	4647E-13	4065E-13	3513E-13	[illegible]
30.	.2973E-13	.3408E-13	.3891E-13	.4397E-13	.4894E-13	.5344E-13	.5705E-13	.5940E-13	.6021E-13	.5936E-13	.5702E-13	.5341E-13	.4891E-13	.4393E-13	3887E-13	3405E-13	[illegible]
40.	.2911E-13	.3276E-13	.3666E-13	.4078E-13	.4482E-13	.4847E-13	.5141E-13	5334E-13	.5402E-13	.5333E-13	.5139E-13	4844E-13	4479E-13	.4075E-13	3663E-13	.3268E-13	[illegible]
50.	.2839E-13	.3114E-13	.3414E-13	.3727E-13	.4032E-13	.4310E-13	.4535E-13	.4684E-13	.4737E-13	.4683E-13	.4533E-13	.4308E-13	.4030E-13	.3724E-13	3412E-13	3112E-13	[illegible]
60.	.2761E-13	.2949E-13	.3155E-13	.3371E-13	.3584E-13	.3770E-13	.3939E-13	.4047E-13	.4087E-13	4047E-13	.3938E-13	3777E-13	.3582E-13	3369E-13	3154E-13	.2947E-13	[illegible]
70.	.2682E-13	.2796E-13	.2904E-13	.3032E-13	.3163E-13	.3286E-13	.3391E-13	.3464E-13	.3492E-13	.3464E-13	.3390E-13	.3285E-13	3162E-13	.3031E-13	2903E-13	.2784E-13	[illegible]
80.	.2605E-13	.2630E-13	.2671E-13	.2725E-13	.2788E-13	.2852E-13	.2912E-13	.2957E-13	.2976E-13	.2957E-13	.2912E-13	.2852E-13	2787E-13	.2724E-13	2670E-13	2629E-13	[illegible]
90.	.2532E-13	.2480E-13	.2463E-13	.2457E-13	.2466E-13	.2486E-13	.2512E-13	.2535E-13	.2546E-13	.2535E-13	.2511E-13	.2486E-13	2466E-13	.2456E-13	2463E-13	.2487E-13	[illegible]
100.	.2466E-13	.2361E-13	.2283E-13	.2238E-13	.2199E-13	.2187E-13	.2188E-13	.2196E-13	.2202E-13	.2196E-13	.2188E-13	.2187E-13	.2199E-13	.2230E-13	2283E-13	.2361E-13	[illegible]
110.	.2407E-13	.2252E-13	.2132E-13	.2044E-13	.1985E-13	.1950E-13	.1934E-13	.1931E-13	.1934E-13	.1932E-13	.1934E-13	.1950E-13	.1985E-13	.2044E-13	2132E-13	2251E-13	[illegible]
120.	.2356E-13	.2161E-13	.2009E-13	.1896E-13	.1817E-13	.1767E-13	.1740E-13	.1731E-13	.1731E-13	.1731E-13	.1741E-13	.1767E-13	.1817E-13	.1896E-13	2009E-13	.2160E-13	[illegible]
130.	.2314E-13	.2087E-13	.1911E-13	.1781E-13	.1690E-13	.1630E-13	.1597E-13	.1583E-13	.1582E-13	.1584E-13	.1597E-13	1631E-13	.1690E-13	1782E-13	1912E-13	.2087E-13	[illegible]
140.	.2281E-13	.2030E-13	.1838E-13	.1696E-13	.1596E-13	.1532E-13	.1494E-13	.1478E-13	.1476E-13	.1479E-13	.1495E-13	.1532E-13	.1597E-13	.1696E-13	1838E-13	.2030E-13	[illegible]
150.	.2257E-13	.1988E-13	.1784E-13	.1635E-13	.1531E-13	.1464E-13	.1424E-13	.1407E-13	.1404E-13	.1407E-13	.1425E-13	.1464E-13	.1532E-13	.1636E-13	1785E-13	.1988E-13	[illegible]
160.	.2240E-13	.1961E-13	.1749E-13	.1596E-13	.1489E-13	.1420E-13	.1380E-13	.1362E-13	.1358E-13	.1362E-13	.1380E-13	.1421E-13	.1490E-13	.1596E-13	1750E-13	.1960E-13	[illegible]
170.	.2231E-13	.1944E-13	.1729E-13	.1573E-13	.1465E-13	.1395E-13	.1355E-13	.1336E-13	.1332E-13	.1336E-13	.1355E-13	.1396E-13	.1466E-13	.1573E-13	1729E-13	.1944E-13	[illegible]
180.	.2226E-13	.1937E-13	.1720E-13	.1563E-13	.1454E-13	.1384E-13	.1343E-13	.1325E-13	.1321E-13	.1325E-13	.1344E-13	1385E-13	1455E-13	1563E-13	1720E-13	.1937E-13	[illegible]
190.	.2225E-13	.1935E-13	.1717E-13	.1560E-13	.1452E-13	.1381E-13	.1341E-13	.1322E-13	.1318E-13	.1322E-13	.1341E-13	.1382E-13	.1452E-13	.1561E-13	1718E-13	.1935E-13	[illegible]
200.	.2225E-13	.1935E-13	.1717E-13	.1560E-13	.1452E-13	.1382E-13	.1341E-13	.1322E-13	.1318E-13	.1323E-13	.1341E-13	.1382E-13	.1452E-13	.1561E-13	1718E-13	.1935E-13	[illegible]
210.	.2227E-13	.1938E-13	.1721E-13	.1565E-13	.1456E-13	.1386E-13	.1346E-13	.1327E-13	.1323E-13	.1327E-13	.1346E-13	.1387E-13	.1457E-13	.1565E-13	1722E-13	.1936E-13	[illegible]
220.	.2234E-13	.1949E-13	.1735E-13	.1580E-13	.1473E-13	.1403E-13	.1362E-13	.1344E-13	.1340E-13	.1344E-13	.1363E-13	.1404E-13	.1473E-13	.1581E-13	1736E-13	.1949E-13	[illegible]
230.	.2248E-13	.1973E-13	.1765E-13	.1613E-13	.1508E-13	.1439E-13	.1400E-13	.1382E-13	.1378E-13	.1382E-13	.1400E-13	.1440E-13	.1509E-13	.1614E-13	.1765E-13	.1973E-13	[illegible]
240.	.2272E-13	.2014E-13	.1810E-13	.1673E-13	.1572E-13	.1506E-13	.1468E-13	.1451E-13	.1448E-13	.1451E-13	.1468E-13	.1506E-13	.1572E-13	.1673E-13	1818E-13	.2014E-13	[illegible]
250.	.2309E-13	.2077E-13	.1899E-13	.1766E-13	.1674E-13	.1613E-13	.1579E-13	.1565E-13	.1563E-13	.1565E-13	.1579E-13	1614E-13	.1674E-13	.1767E-13	.1899E-13	.2077E-13	[illegible]
260.	.2359E-13	.2166E-13	.2015E-13	.1963E-13	.1825E-13	.1776E-13	.1750E-13	1741E-13	.1741E-13	.1741E-13	.1750E-13	.1776E-13	.1826E-13	.1904E-13	.2015E-13	.2165E-13	[illegible]
270.	.2422E-13	.2281E-13	.2172E-13	.2093E-13	.2040E-13	.2010E-13	.1998E-13	.1999E-13	.2002E-13	.1999E-13	.2010E-13	.2040E-13	.2092E-13	.2171E-13	.2280E-13	[illegible]	[illegible]
280.	.2499E-13	.2424E-13	.2372E-13	.2341E-13	.2329E-13	.2331E-13	.2344E-13	.2359E-13	.2367E-13	.2359E-13	.2344E-13	.2331E-13	.2328E-13	.2340E-13	.2371E-13	.2423E-13	[illegible]
290.	.2585E-13	.2591E-13	.2614E-13	.2650E-13	.2697E-13	.2749E-13	.2799E-13	.2837E-13	.2854E-13	.2837E-13	.2790E-13	.2748E-13	.2697E-13	.2650E-13	2613E-13	.2590E-13	[illegible]
300.	.2678E-13	.2778E-13	.2892E-13	.3016E-13	.3142E-13	.3262E-13	.3364E-13	.3436E-13	.3463E-13	.3435E-13	.3363E-13	.3261E-13	.3141E-13	.3014E-13	.2890E-13	.277 E-13	[illegible]
310.	.2772E-13	.2972E-13	.3191E-13	.3420E-13	.3645E-13	.3850E-13	.4019E-13	.4133E-13	.4175E-13	.4133E-13	.4018E-13	.3849E-13	.3643E-13	.3418E-13	3189E-13	.2970E-13	[illegible]
320.	.2861E-13	.3162E-13	.3492E-13	.3834E-13	.4169E-13	.4473E-13	.4719E-13	.4881E-13	.4939E-13	.4880E-13	.4717E-13	.4471E-13	.4167E-13	.3831E-13	3489E-13	.3160E-13	[illegible]
330.	.2939E-13	.3333E-13	.3767E-13	.4221E-13	.4667E-13	.5070E-13	.5393E-13	.5605E-13	.5679E-13	.5604E-13	.5391E-13	.5067E-13	.4664E-13	.4218E-13	.3764E-13	.3330E-13	[illegible]
340.	.3000E-13	.3469E-13	.3991E-13	.4541E-13	.5082E-13	.5571E-13	.5964E-13	.6218E-13	.6307E-13	.6217E-13	5961E-13	.5568E-13	.5070E-13	.4537E-13	.3988E-13	.3466E-13	[illegible]
350.	.3040E-13	.3560E-13	.4142E-13	.4758E-13	.5366E-13	.5916E-13	.6357E-13	.6642E-13	.6741E-13	.6641E-13	.6354E-13	.5912E-13	.5362E-13	.4754E-13	.4139E-13	.3557E-13	[illegible]

80.	-80.
.2596E-13	.2597E-13

Number of Data Values: 612

Mean Value: .2832E-13

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1978 JULIAN: 2443667. TIME: 1400Z ALTITUDE(KM): 600.0
F10: 70.00 F10B: 70.00 GI: 0.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70	80.
0.	.1570E-13	.1819E-13	.2102E-13	.2404E-13	.2707E-13	.2984E-13	.3207E-13	.3352E-13	.3402E-13	.3352E-13	.3206E-13	.2983E-13	.2706E-13	.2403E-13	.2101E-13	.1819E-13	.1570E-13
10.	.1567E-13	.1812E-13	.2009E-13	.2306E-13	.2682E-13	.2953E-13	.3172E-13	.3314E-13	.3364E-13	.3314E-13	.3171E-13	.2952E-13	.2681E-13	.2385E-13	.2088E-13	.1811E-13	.567E-13
20.	.1554E-13	.1781E-13	.2037E-13	.2311E-13	.2583E-13	.2831E-13	.3032E-13	.3163E-13	.3208E-13	.3162E-13	.3031E-13	.2831E-13	.2582E-13	.2310E-13	.2037E-13	.1781E-13	.554E-13
30.	.1532E-13	.1732E-13	.1955E-13	.2191E-13	.2425E-13	.2639E-13	.2812E-13	.2925E-13	.2964E-13	.2924E-13	.2811E-13	.2638E-13	.2425E-13	.2190E-13	.1954E-13	.1731E-13	.1533E-13
40.	.1504E-13	.1668E-13	.1858E-13	.2042E-13	.2231E-13	.2403E-13	.2543E-13	.2635E-13	.2667E-13	.2634E-13	.2542E-13	.2403E-13	.2230E-13	.2041E-13	.1858E-13	.1668E-13	.1504E-13
50.	.1472E-13	.1597E-13	.1734E-13	.1879E-13	.2021E-13	.2150E-13	.2256E-13	.2326E-13	.2350E-13	.2326E-13	.2256E-13	.2150E-13	.2020E-13	.1878E-13	.1734E-13	.1597E-13	.1472E-13
60.	.1437E-13	.1522E-13	.1616E-13	.1715E-13	.1813E-13	.1903E-13	.1977E-13	.2020E-13	.2047E-13	.2020E-13	.1977E-13	.1903E-13	.1813E-13	.1715E-13	.1616E-13	.1522E-13	.1437E-13
70.	.1401E-13	.1448E-13	.1501E-13	.1560E-13	.1619E-13	.1676E-13	.1724E-13	.1758E-13	.1771E-13	.1758E-13	.1724E-13	.1676E-13	.1619E-13	.1560E-13	.1502E-13	.1448E-13	.1401E-13
80.	.1366E-13	.1377E-13	.1396E-13	.1420E-13	.1448E-13	.1478E-13	.1505E-13	.1526E-13	.1534E-13	.1526E-13	.1505E-13	.1478E-13	.1449E-13	.1421E-13	.1396E-13	.1378E-13	.1366E-13
90.	.1333E-13	.1313E-13	.1302E-13	.1300E-13	.1304E-13	.1313E-13	.1324E-13	.1335E-13	.1340E-13	.1335E-13	.1324E-13	.1313E-13	.1304E-13	.1300E-13	.1303E-13	.1314E-13	.1334E-13
100.	.1303E-13	.1257E-13	.1222E-13	.1190E-13	.1185E-13	.1179E-13	.1180E-13	.1183E-13	.1186E-13	.1183E-13	.1180E-13	.1180E-13	.1185E-13	.1199E-13	.1223E-13	.1257E-13	.1304E-13
110.	.1277E-13	.1208E-13	.1155E-13	.1116E-13	.1090E-13	.1075E-13	.1068E-13	.1067E-13	.1068E-13	.1067E-13	.1068E-13	.1075E-13	.1091E-13	.1117E-13	.1156E-13	.1209E-13	.1277E-13
120.	.1254E-13	.1167E-13	.1100E-13	.1051E-13	.1017E-13	.9958E-14	.9835E-14	.9796E-14	.9796E-14	.9790E-14	.9840E-14	.9957E-14	.1017E-13	.1052E-13	.1101E-13	.1168E-13	.1255E-13
130.	.1236E-13	.1135E-13	.1058E-13	.1001E-13	.9617E-14	.9364E-14	.9222E-14	.9165E-14	.9158E-14	.9168E-14	.9228E-14	.9371E-14	.9625E-14	.1002E-13	.1059E-13	.1136E-13	.1236E-13
140.	.1221E-13	.1110E-13	.1025E-13	.9642E-14	.9219E-14	.8946E-14	.8791E-14	.8725E-14	.8714E-14	.8720E-14	.8797E-14	.8953E-14	.9227E-14	.9652E-14	.1026E-13	.1111E-13	.1222E-13
150.	.1210E-13	.1091E-13	.1002E-13	.9384E-14	.8944E-14	.8662E-14	.8502E-14	.8431E-14	.8419E-14	.8434E-14	.8507E-14	.8670E-14	.8953E-14	.9393E-14	.1003E-13	.1092E-13	.1211E-13
160.	.1203E-13	.1079E-13	.9872E-14	.9215E-14	.8760E-14	.8483E-14	.8321E-14	.8248E-14	.8235E-14	.8251E-14	.8326E-14	.8490E-14	.8777E-14	.9225E-14	.9882E-14	.1080E-13	.1203E-13
170.	.1198E-13	.1072E-13	.9784E-14	.9119E-14	.8668E-14	.8382E-14	.8219E-14	.8147E-14	.8132E-14	.8149E-14	.8225E-14	.8389E-14	.8677E-14	.9128E-14	.9794E-14	.1073E-13	.1199E-13
180.	.1196E-13	.1069E-13	.9744E-14	.9075E-14	.8623E-14	.8337E-14	.8174E-14	.8102E-14	.8087E-14	.8105E-14	.8180E-14	.8345E-14	.8632E-14	.9085E-14	.9754E-14	.1070E-13	.1197E-13
190.	.1196E-13	.1068E-13	.9735E-14	.9065E-14	.8612E-14	.8326E-14	.8164E-14	.8091E-14	.8076E-14	.8094E-14	.8169E-14	.8334E-14	.8621E-14	.9075E-14	.9744E-14	.1069E-13	.1197E-13
200.	.1196E-13	.1068E-13	.9735E-14	.9066E-14	.8613E-14	.8327E-14	.8165E-14	.8092E-14	.8077E-14	.8095E-14	.8170E-14	.8335E-14	.8622E-14	.9076E-14	.9745E-14	.1069E-13	.1197E-13
210.	.1197E-13	.1069E-13	.9753E-14	.9084E-14	.8633E-14	.8346E-14	.8184E-14	.8111E-14	.8097E-14	.8114E-14	.8189E-14	.8354E-14	.8642E-14	.9094E-14	.9762E-14	.1070E-13	.1198E-13
220.	.1200E-13	.1074E-13	.9812E-14	.9149E-14	.8699E-14	.8414E-14	.8251E-14	.8178E-14	.8164E-14	.8181E-14	.8256E-14	.8421E-14	.8708E-14	.9159E-14	.9822E-14	.1075E-13	.1200E-13
230.	.1206E-13	.1083E-13	.9941E-14	.9291E-14	.8847E-14	.8563E-14	.8402E-14	.8330E-14	.8317E-14	.8333E-14	.8407E-14	.8571E-14	.8856E-14	.9301E-14	.9950E-14	.1086E-13	.1207E-13
240.	.1217E-13	.1103E-13	.1017E-13	.9544E-14	.9114E-14	.8837E-14	.8680E-14	.8612E-14	.8600E-14	.8615E-14	.8686E-14	.8845E-14	.9123E-14	.9553E-14	.1018E-13	.1104E-13	.1218E-13
250.	.1233E-13	.1131E-13	.1052E-13	.9947E-14	.9547E-14	.9298E-14	.9146E-14	.9087E-14	.9080E-14	.9090E-14	.9152E-14	.9297E-14	.9556E-14	.9956E-14	.1053E-13	.1131E-13	.1234E-13
260.	.1255E-13	.1170E-13	.1103E-13	.1054E-13	.1020E-13	.9969E-14	.9876E-14	.9838E-14	.9838E-14	.9841E-14	.9881E-14	.9996E-14	.1021E-13	.1055E-13	.1104E-13	.1170E-13	.1256E-13
270.	.1284E-13	.1221E-13	.1172E-13	.1137E-13	.1114E-13	.1101E-13	.1096E-13	.1096E-13	.1098E-13	.1096E-13	.1096E-13	.1102E-13	.1115E-13	.1138E-13	.1173E-13	.1221E-13	.1285E-13
280.	.1318E-13	.1285E-13	.1261E-13	.1248E-13	.1242E-13	.1243E-13	.1249E-13	.1256E-13	.1260E-13	.1256E-13	.1249E-13	.1244E-13	.1243E-13	.1248E-13	.1262E-13	.1285E-13	.1319E-13
290.	.1357E-13	.1340E-13	.1370E-13	.1386E-13	.1408E-13	.1431E-13	.1454E-13	.1471E-13	.1479E-13	.1471E-13	.1454E-13	.1431E-13	.1408E-13	.1387E-13	.1370E-13	.1340E-13	.1358E-13
300.	.1399E-13	.1444E-13	.1496E-13	.1552E-13	.1610E-13	.1665E-13	.1711E-13	.1745E-13	.1757E-13	.1745E-13	.1712E-13	.1665E-13	.1610E-13	.1552E-13	.1496E-13	.1444E-13	.1399E-13
310.	.1441E-13	.1532E-13	.1632E-13	.1737E-13	.1841E-13	.1936E-13	.2015E-13	.2068E-13	.2087E-13	.2068E-13	.2015E-13	.1936E-13	.1841E-13	.1737E-13	.1632E-13	.1532E-13	.1442E-13
320.	.1482E-13	.1619E-13	.1778E-13	.1928E-13	.2085E-13	.2227E-13	.2343E-13	.2419E-13	.2447E-13	.2419E-13	.2342E-13	.2227E-13	.2084E-13	.1928E-13	.1778E-13	.1619E-13	.1462E-13
330.	.1517E-13	.1697E-13	.1897E-13	.2109E-13	.2310E-13	.2509E-13	.2663E-13	.2764E-13	.2800E-13	.2764E-13	.2662E-13	.2508E-13	.2317E-13	.2108E-13	.1897E-13	.1697E-13	.1517E-13
340.	.1545E-13	.1764E-13	.2002E-13	.2259E-13	.2515E-13	.2748E-13	.2936E-13	.3059E-13	.3102E-13	.3059E-13	.2935E-13	.2747E-13	.2514E-13	.2258E-13	.2001E-13	.1760E-13	.1545E-13
350.	.1563E-13	.1802E-13	.2072E-13	.2361E-13	.2650E-13	.2913E-13	.3126E-13	.3264E-13	.3312E-13	.3264E-13	.3125E-13	.2912E-13	.2649E-13	.2360E-13	.2071E-13	.1801E-13	.1563E-13

90. -90.

.1363E-13 .1363E-13

Number of Data Values: 612

Mean Value: .1481E-13

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 700.0
F10: 70.00 F10B: 70.00 GI: 0.00 (1-KP OR 2-AP): 2

LON (-WEST) (+EAST)	-80	-70.	(-SOUTH) LATITUDES (+NORTH) -60.	-50.	-40.	-30	-20	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0.	.5593E-14	.6144E-14	.6769E-14	.7439E-14	.8118E-14	.8726E-14	.9225E-14	.9551E-14	.9665E-14	.9552E-14	.9227E-14	.8730E-14	.8115E-14	.7446E-14	.6777E-14	.6153E-14	.5602E-14
10	.5586E-14	.6127E-14	.6741E-14	.7390E-14	.8055E-14	.8658E-14	.9147E-14	.9466E-14	.9578E-14	.9468E-14	.9149E-14	.8662E-14	.8061E-14	.7405E-14	.6749E-14	.6136E-14	.5595E-14
20	.5556E-14	.6060E-14	.6627E-14	.7232E-14	.7835E-14	.8387E-14	.8834E-14	.9127E-14	.9238E-14	.9129E-14	.8837E-14	.8391E-14	.7841E-14	.7239E-14	.6635E-14	.6069E-14	.5566E-14
30	.5508E-14	.5950E-14	.6444E-14	.6967E-14	.7486E-14	.7960E-14	.8344E-14	.8596E-14	.8685E-14	.8590E-14	.8347E-14	.7965E-14	.7492E-14	.6974E-14	.6453E-14	.5959E-14	.5510E-14
40	.5446E-14	.5810E-14	.6214E-14	.6637E-14	.7056E-14	.7437E-14	.7747E-14	.7952E-14	.8025E-14	.7953E-14	.7758E-14	.7442E-14	.7062E-14	.6645E-14	.6222E-14	.5819E-14	.5455E-14
50	.5373E-14	.5651E-14	.5957E-14	.6276E-14	.6591E-14	.6870E-14	.7113E-14	.7269E-14	.7326E-14	.7271E-14	.7116E-14	.6884E-14	.6598E-14	.6284E-14	.5965E-14	.5660E-14	.5387E-14
60	.5295E-14	.5485E-14	.5694E-14	.5913E-14	.6131E-14	.6331E-14	.6496E-14	.6609E-14	.6651E-14	.6611E-14	.6500E-14	.6336E-14	.6137E-14	.5921E-14	.5702E-14	.5494E-14	.5305E-14
70	.5216E-14	.5326E-14	.5439E-14	.5569E-14	.5702E-14	.5828E-14	.5935E-14	.6011E-14	.6040E-14	.6013E-14	.5939E-14	.5833E-14	.5709E-14	.5577E-14	.5440E-14	.5329E-14	.5225E-14
80	.5138E-14	.5164E-14	.5205E-14	.5259E-14	.5322E-14	.5388E-14	.5449E-14	.5496E-14	.5516E-14	.5498E-14	.5453E-14	.5394E-14	.5329E-14	.5267E-14	.5214E-14	.5173E-14	.5140E-14
90	.5066E-14	.5045E-14	.5021E-14	.5015E-14	.5024E-14	.5045E-14	.5047E-14	.5071E-14	.5083E-14	.5073E-14	.5051E-14	.5050E-14	.5031E-14	.5023E-14	.5030E-14	.5055E-14	.5075E-14
100	.5023E-14	.4918E-14	.4841E-14	.4788E-14	.4758E-14	.4746E-14	.4747E-14	.4756E-14	.4763E-14	.4759E-14	.4751E-14	.4751E-14	.4765E-14	.4796E-14	.4849E-14	.4927E-14	.5032E-14
110	.4964E-14	.4809E-14	.4691E-14	.4605E-14	.4548E-14	.4496E-14	.4482E-14	.4480E-14	.4483E-14	.4482E-14	.4486E-14	.4502E-14	.4536E-14	.4613E-14	.4700E-14	.4819E-14	.4973E-14
120	.4913E-14	.4719E-14	.4571E-14	.4445E-14	.4372E-14	.4327E-14	.4304E-14	.4296E-14	.4297E-14	.4290E-14	.4307E-14	.4332E-14	.4379E-14	.4453E-14	.4579E-14	.4720E-14	.4923E-14
130	.4871E-14	.4647E-14	.4459E-14	.4339E-14	.4258E-14	.4207E-14	.4190E-14	.4170E-14	.4169E-14	.4172E-14	.4184E-14	.4213E-14	.4264E-14	.4347E-14	.4468E-14	.4656E-14	.4881E-14
140	.4838E-14	.4591E-14	.4390E-14	.4263E-14	.4179E-14	.4127E-14	.4100E-14	.4088E-14	.4087E-14	.4090E-14	.4103E-14	.4132E-14	.4185E-14	.4270E-14	.4399E-14	.4608E-14	.4848E-14
150	.4814E-14	.4551E-14	.4342E-14	.4211E-14	.4126E-14	.4077E-14	.4051E-14	.4040E-14	.4039E-14	.4042E-14	.4054E-14	.4082E-14	.4133E-14	.4210E-14	.4336E-14	.4560E-14	.4824E-14
160	.4798E-14	.4505E-14	.4310E-14	.4178E-14	.4095E-14	.4047E-14	.4023E-14	.4013E-14	.4012E-14	.4015E-14	.4026E-14	.4052E-14	.4101E-14	.4185E-14	.4318E-14	.4515E-14	.4807E-14
170	.4788E-14	.4490E-14	.4292E-14	.4159E-14	.4077E-14	.4031E-14	.4009E-14	.4000E-14	.3999E-14	.4002E-14	.4012E-14	.4036E-14	.4084E-14	.4167E-14	.4308E-14	.4499E-14	.4790E-14
180	.4784E-14	.4483E-14	.4284E-14	.4151E-14	.4070E-14	.4025E-14	.4003E-14	.3994E-14	.3993E-14	.3996E-14	.4006E-14	.4030E-14	.4076E-14	.4158E-14	.4292E-14	.4492E-14	.4793E-14
190	.4783E-14	.4481E-14	.4282E-14	.4149E-14	.4068E-14	.4023E-14	.4001E-14	.3993E-14	.3992E-14	.3995E-14	.4005E-14	.4028E-14	.4074E-14	.4156E-14	.4290E-14	.4491E-14	.4792E-14
200	.4783E-14	.4481E-14	.4282E-14	.4149E-14	.4068E-14	.4023E-14	.4002E-14	.3993E-14	.3992E-14	.3995E-14	.4005E-14	.4028E-14	.4074E-14	.4157E-14	.4290E-14	.4491E-14	.4792E-14
210	.4785E-14	.4484E-14	.4285E-14	.4153E-14	.4071E-14	.4026E-14	.4004E-14	.3995E-14	.3994E-14	.3997E-14	.4007E-14	.4031E-14	.4078E-14	.4160E-14	.4294E-14	.4494E-14	.4794E-14
220	.4791E-14	.4495E-14	.4298E-14	.4165E-14	.4083E-14	.4036E-14	.4013E-14	.4004E-14	.4003E-14	.4006E-14	.4016E-14	.4041E-14	.4089E-14	.4172E-14	.4306E-14	.4504E-14	.4801E-14
230	.4805E-14	.4518E-14	.4324E-14	.4192E-14	.4109E-14	.4060E-14	.4035E-14	.4025E-14	.4023E-14	.4026E-14	.4038E-14	.4065E-14	.4115E-14	.4200E-14	.4333E-14	.4527E-14	.4815E-14
240	.4829E-14	.4576E-14	.4372E-14	.4243E-14	.4158E-14	.4107E-14	.4080E-14	.4069E-14	.4068E-14	.4071E-14	.4084E-14	.4113E-14	.4165E-14	.4251E-14	.4380E-14	.4565E-14	.4839E-14
250	.4866E-14	.4637E-14	.4447E-14	.4326E-14	.4244E-14	.4193E-14	.4165E-14	.4155E-14	.4154E-14	.4157E-14	.4169E-14	.4198E-14	.4250E-14	.4333E-14	.4456E-14	.4647E-14	.4879E-14
260	.4916E-14	.4724E-14	.4577E-14	.4452E-14	.4380E-14	.4335E-14	.4312E-14	.4305E-14	.4305E-14	.4307E-14	.4316E-14	.4340E-14	.4386E-14	.4460E-14	.4586E-14	.4733E-14	.4929E-14
270	.4979E-14	.4838E-14	.4738E-14	.4652E-14	.4602E-14	.4573E-14	.4562E-14	.4563E-14	.4567E-14	.4565E-14	.4566E-14	.4579E-14	.4600E-14	.4666E-14	.4739E-14	.4847E-14	.4989E-14
280	.5056E-14	.4981E-14	.4929E-14	.4898E-14	.4886E-14	.4889E-14	.4902E-14	.4919E-14	.4928E-14	.4921E-14	.4906E-14	.4895E-14	.4893E-14	.4906E-14	.4937E-14	.4998E-14	.5066E-14
290	.5119E-14	.5125E-14	.5147E-14	.5184E-14	.5231E-14	.5284E-14	.5335E-14	.5375E-14	.5392E-14	.5377E-14	.5339E-14	.5289E-14	.5238E-14	.5192E-14	.5156E-14	.5134E-14	.5128E-14
300	.5212E-14	.5311E-14	.5427E-14	.5552E-14	.5681E-14	.5803E-14	.5908E-14	.5982E-14	.6011E-14	.5984E-14	.5911E-14	.5808E-14	.5680E-14	.5560E-14	.5435E-14	.5321E-14	.5221E-14
310	.5306E-14	.5508E-14	.5730E-14	.5963E-14	.6193E-14	.6405E-14	.6579E-14	.6697E-14	.6742E-14	.6699E-14	.6583E-14	.6410E-14	.6208E-14	.5978E-14	.5738E-14	.5517E-14	.5316E-14
320	.5396E-14	.5700E-14	.6076E-14	.6386E-14	.6732E-14	.704AE-14	.7304E-14	.7475E-14	.7537E-14	.7477E-14	.7308E-14	.7053E-14	.6739E-14	.6394E-14	.6044E-14	.5710E-14	.5408E-14
330	.5474E-14	.5674E-14	.6310E-14	.6706E-14	.7249E-14	.7671E-14	.8013E-14	.8239E-14	.8319E-14	.8240E-14	.8017E-14	.7676E-14	.7255E-14	.6793E-14	.6326E-14	.5883E-14	.5484E-14
340	.5536E-14	.6013E-14	.6548E-14	.7117E-14	.7683E-14	.8201E-14	.8621E-14	.8896E-14	.8992E-14	.8897E-14	.8623E-14	.8205E-14	.7609E-14	.7124E-14	.6556E-14	.6022E-14	.5545E-14
350	.5576E-14	.6105E-14	.6704E-14	.7343E-14	.7983E-14	.8569E-14	.9044E-14	.9354E-14	.9463E-14	.9356E-14	.9046E-14	.8573E-14	.7900E-14	.7350E-14	.6712E-14	.6114E-14	.5586E-14

90. -90.

.5140E-14 .5131E-14

Number of Data Values: 612

Mean Value: .5414E-14

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 705.0
F10: 70.00 F10B: 70.00 GI: 0.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60	-50.	-40	-30	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0.	.5304E-14	.5902E-14	.6409E-14	.7117E-14	.7746E-14	.8322E-14	.8709E-14	.9095E-14	.9201E-14	.9096E-14	.8792E-14	.8326E-14	.7751E-14	.7124E-14	.6497E-14	.5911E-14	.5394E-14
10	.5370E-14	.5987E-14	.6463E-14	.7079E-14	.7694E-14	.8259E-14	.8716E-14	.9015E-14	.9120E-14	.9017E-14	.8719E-14	.8263E-14	.7700E-14	.7086E-14	.6471E-14	.5896E-14	.5387E-14
20	.5450E-14	.5823E-14	.6356E-14	.6923E-14	.7480E-14	.8005E-14	.8424E-14	.8690E-14	.8794E-14	.8699E-14	.8427E-14	.8010E-14	.7494E-14	.6930E-14	.6364E-14	.5832E-14	.5360E-14
30	.5305E-14	.5721E-14	.6184F-14	.6675E-14	.7161E-14	.7605E-14	.7965E-14	.8201E-14	.8284E-14	.8203E-14	.7960E-14	.7610E-14	.7167E-14	.6682E-14	.6193E-14	.5730E-14	.5314E-14
40.	.5246E-14	.5589E-14	.5968E-14	.6366E-14	.6750E-14	.7116E-14	.7406E-14	.7599E-14	.7666E-14	.7599E-14	.7409E-14	.7121E-14	.6765E-14	.6373E-14	.5976E-14	.5590E-14	.5255E-14
50.	.5178E-14	.5435E-14	.5727E-14	.6027E-14	.6322E-14	.6592E-14	.6812E-14	.6958E-14	.7012E-14	.6960E-14	.6815E-14	.6597E-14	.6329E-14	.6034E-14	.5735E-14	.5449F-14	.5187E-14
60	.5104E-14	.5283E-14	.5479E-14	.5685E-14	.5890E-14	.6070E-14	.6233E-14	.6339E-14	.6379E-14	.6341E-14	.6227E-14	.6003E-14	.5696E-14	.5693E-14	.5408E-14	.5293E-14	.5114E-14
70	.5038E-14	.5128E-14	.5248E-14	.5362E-14	.5487E-14	.5605E-14	.5706E-14	.5777E-14	.5803E-14	.5779E-14	.5710E-14	.5611E-14	.5494E-14	.5370E-14	.5249E-14	.5137E-14	.5039E-14
80	.4957E-14	.4981E-14	.5020E-14	.5071E-14	.5130E-14	.5192E-14	.5249E-14	.5293E-14	.5312E-14	.5295E-14	.5253E-14	.5190E-14	.5137E-14	.5079E-14	.5028E-14	.4990E-14	.4966E-14
90	.4888E-14	.4847E-14	.4824E-14	.4818E-14	.4827E-14	.4846E-14	.4871E-14	.4894E-14	.4905E-14	.4896E-14	.4875E-14	.4852E-14	.4834E-14	.4826E-14	.4832E-14	.4856E-14	.4898E-14
100	.4826E-14	.4726E-14	.4656E-14	.4607E-14	.4579E-14	.4568E-14	.4569E-14	.4577E-14	.4584E-14	.4579E-14	.4573E-14	.4573E-14	.4586E-14	.4615E-14	.4665E-14	.4737E-14	.4835E-14
110	.4771E-1	.4627E-14	.4517E-14	.4456F-14	.4402E-14	.4371E-14	.4357E-14	.4356E-14	.4359E-14	.4358E-14	.4361E-14	.4376E-14	.4409E-14	.4464E-14	.4525E-14	.4636E-14	.4780E-14
120	.4723E-14	.4543E-14	.4423E-14	.4322E-14	.4253E-14	.4210E-14	.4188E-14	.4181E-14	.4181E-14	.4183E-14	.4191E-14	.4215E-14	.4259E-14	.4330E-14	.4432E-14	.4553E-14	.4733E-14
130	.4684E-14	.4495E-14	.4336E-14	.4221E-14	.4145E-14	.4082E-14	.4056E-14	.4047E-14	.4046E-14	.4048E-14	.4060E-14	.4087E-14	.4151E-14	.4229E-14	.4344E-14	.4504E-14	.4694E-14
140	.4654E-14	.4442E-14	.4270E-14	.4149E-14	.4055E-14	.4007E-14	.3982E-14	.3971E-14	.3970E-14	.3973E-14	.3985E-14	.4012E-14	.4061E-14	.4157E-14	.4279E-14	.4458E-14	.4663E-14
150	.4631E-14	.4405E-14	.4224E-14	.4085E-14	.4006E-14	.3960E-14	.3936E-14	.3927E-14	.3926E-14	.3929E-14	.3940E-14	.3965E-14	.4013E-14	.4092E-14	.4232E-14	.4414E-14	.4641E-14
160	.4616E-14	.4379E-14	.4194E-14	.4054E-14	.3977E-14	.3933E-14	.3911E-14	.3906E-14	.3902E-14	.3904E-14	.3915E-14	.3938E-14	.3983E-14	.4061E-14	.4202E-14	.4389E-14	.4625E-14
170.	.4607E-14	.4365E-14	.4177E-14	.4037E-14	.3961E-14	.3919E-14	.3898E-14	.3891E-14	.3890E-14	.3892E-14	.3902E-14	.3924E-14	.3967E-14	.4044E-14	.4185E-14	.4374E-14	.4616E-14
180	.4603E-14	.4358E-14	.4169E-14	.4029E-14	.3954E-14	.3913E-14	.3893E-14	.3886E-14	.3885E-14	.3888E-14	.3897E-14	.3918E-14	.3960E-14	.4036E-14	.4177E-14	.4367E-14	.4612E-14
190	.4602E-14	.4357E-14	.4167E-14	.4027E-14	.3952E-14	.3911E-14	.3892E-14	.3885E-14	.3884E-14	.3886E-14	.3895E-14	.3916E-14	.3958E-14	.4034E-14	.4175E-14	.4366E-14	.4611E-14
200	.4602E-14	.4357E-14	.4167E-14	.4027E-14	.3952E-14	.3911E-14	.3892E-14	.3885E-14	.3884E-14	.3886L-14	.3895E-14	.3916E-14	.3959E-14	.4035E-14	.4176E-14	.4366E-14	.4611E-14
210	.4604E-14	.4359E-14	.4170E-14	.4031E-14	.3955E-14	.3914E-14	.3894E-14	.3887E-14	.3886E-14	.3888E-14	.3898E-14	.3919E-14	.3962E-14	.4038E-14	.4179E-14	.4369E-14	.4613E-14
220	.4610E-14	.4369E-14	.4182E-14	.4042E-14	.3966E-14	.3923E-14	.3902E-14	.3894E-14	.3893E-14	.3896E-14	.3906E-14	.3928E-14	.3972E-14	.4050E-14	.4190E-14	.4378E-14	.4619E-14
230	.4623E-14	.4391E-14	.4207E-14	.4068E-14	.3990E-14	.3945E-14	.3922E-14	.3913E-14	.3912E-14	.3915E-14	.3925E-14	.3950E-14	.3996E-14	.4075E-14	.4216E-14	.4408E-14	.4632E-14
240	.4645E-14	.4428E-14	.4253E-14	.4115E-14	.4036E-14	.3989E-14	.3964E-14	.3953E-14	.3952E-14	.3955E-14	.3967E-14	.3994E-14	.4042E-14	.4122E-14	.4261E-14	.4437E-14	.4655E-14
250	.4679E-14	.4486E-14	.4324E-14	.4209E-14	.4116E-14	.4068E-14	.4043E-14	.4033E-14	.4032E-14	.4035E-14	.4046E-14	.4073E-14	.4122E-14	.4216E-14	.4333E-14	.4495E-14	.4689E-14
260	.4726E-14	.4547E-14	.4429E-14	.4329E-14	.4260E-14	.4218E-14	.4196E-14	.4189E-14	.4190E-14	.4191E-14	.4200E-14	.4223E-14	.4267E-14	.4336E-14	.4438E-14	.4594E-14	.4795E-14
270	.4785E-14	.4654E-14	.4553E-14	.4500E-14	.4452E-14	.4426E-14	.4416E-14	.4416E-14	.4420E-14	.4418E-14	.4419E-14	.4431E-14	.4459E-14	.4508E-14	.4561E-14	.4663E-14	.4795E-14
280	.4857E-14	.4787E-14	.4739E-14	.4710E-14	.4698E-14	.4701E-14	.4714E-14	.4729E-14	.4738E-14	.4731E-14	.4717E-14	.4707E-14	.4705E-14	.4717E-14	.4747E-14	.4796E-14	.4866E-14
290	.4938E-14	.4944E-14	.4965E-14	.5000E-14	.5045E-14	.5094E-14	.5142E-14	.5179E-14	.5194E-14	.5181E-14	.5146E-14	.5099E-14	.5051E-14	.5000E-14	.4974E-14	.4953E-14	.4940E-14
300	.5026E-14	.5120E-14	.5220E-14	.5346E-14	.5467E-14	.5582E-14	.5680E-14	.5750E-14	.5778E-14	.5752E-14	.5684E-14	.5588E-14	.5474E-14	.5354E-14	.5237E-14	.5129E-14	.5038E-14
310	.5115E-14	.5305E-14	.5513E-14	.5732E-14	.5948E-14	.6147E-14	.6311E-14	.6422E-14	.6464E-14	.6424E-14	.6315E-14	.6152E-14	.5955E-14	.5748E-14	.5522E-14	.5314E-14	.5124E-14
320	.5199E-14	.5446E-14	.5801E-14	.6138E-14	.6455E-14	.6758E-14	.6991E-14	.7151E-14	.7209E-14	.7154E-14	.6995E-14	.6756E-14	.6461E-14	.6138E-14	.5809E-14	.5495E-14	.5208E-14
330	.5273E-14	.5649E-14	.6066E-14	.6505E-14	.6939E-14	.7335E-14	.7655E-14	.7867E-14	.7942E-14	.7860E-14	.7659E-14	.7339E-14	.6945E-14	.6512E-14	.6074E-14	.5658E-14	.5282E-14
340	.5331E-14	.5779E-14	.6282E-14	.6816E-14	.7346E-14	.7831E-14	.8224E-14	.8481E-14	.8572E-14	.8483E-14	.8227E-14	.7836E-14	.7352E-14	.6823E-14	.6298E-14	.5788E-14	.5348E-14
350	.5369E-14	.5866E-14	.6420E-14	.7020E-14	.7627E-14	.8175E-14	.8620E-14	.8911E-14	.9012E-14	.8912E-14	.8622E-14	.8179E-14	.7632E-14	.7035E-14	.6436E-14	.5878E-14	.5378E-14

90. -90.

.4858E-14 .4868E-14

Number of Data Values: 612

Mean Value: .5215E-14

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1978 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 750.0
F10: 70.00 F100: 70.00 G1: 0.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50	60	70	80
0.	.3960E-14	.4203E-14	.4636E-14	.5009E-14	.5370E-14	.5713E-14	.5903E-14	.6159E-14	.6220E-14	.6169E-14	.5986E-14	.5710E-14	.5384E-14	.5016E-14	.4644E-14	.4292E-14	.3976E-14
10.	.3963E-14	.4274E-14	.4621E-14	.4906E-14	.5340E-14	.5676E-14	.5941E-14	.6113E-14	.6173E-14	.6115E-14	.5944E-14	.5681E-14	.5354E-14	.4994E-14	.4628E-14	.4282E-14	.3972E-14
20.	.3947E-14	.4236E-14	.4557E-14	.4894E-14	.5227E-14	.5529E-14	.5772E-14	.5931E-14	.5986E-14	.5932E-14	.5775E-14	.5534E-14	.5233E-14	.4902E-14	.4565E-14	.4244E-14	.3955E-14
30.	.3919E-14	.4173E-14	.4454E-14	.4747E-14	.5035E-14	.5296E-14	.5506E-14	.5643E-14	.5692E-14	.5645E-14	.5509E-14	.5301E-14	.5041E-14	.4754E-14	.4461E-14	.4181E-14	.3927E-14
40.	.3883E-14	.4093E-14	.4323E-14	.4563E-14	.4797E-14	.5009E-14	.5160E-14	.5292E-14	.5333E-14	.5294E-14	.5183E-14	.5014E-14	.4803E-14	.4570E-14	.4331E-14	.4101E-14	.3891E-14
50.	.3840E-14	.4001E-14	.4177E-14	.4359E-14	.4537E-14	.4690E-14	.4829E-14	.4916E-14	.4940E-14	.4918E-14	.4832E-14	.4703E-14	.4543E-14	.4366E-14	.4184E-14	.4009E-14	.3849E-14
60.	.3795E-14	.3905E-14	.4026E-14	.4152E-14	.4276E-14	.4390E-14	.4484E-14	.4547E-14	.4572E-14	.4549E-14	.4487E-14	.4395E-14	.4282E-14	.4159E-14	.4033E-14	.3913E-14	.3804E-14
70.	.3749E-14	.3818E-14	.3879E-14	.3954E-14	.4031E-14	.4103E-14	.4165E-14	.4208E-14	.4226E-14	.4218E-14	.4168E-14	.4108E-14	.4037E-14	.3961E-14	.3887E-14	.3818E-14	.3757E-14
80.	.3704E-14	.3719E-14	.3743E-14	.3775E-14	.3811E-14	.3850E-14	.3885E-14	.3912E-14	.3924E-14	.3914E-14	.3888E-14	.3854E-14	.3817E-14	.3781E-14	.3750E-14	.3727E-14	.3712E-14
90.	.3662E-14	.3636E-14	.3622E-14	.3618E-14	.3624E-14	.3636E-14	.3651E-14	.3666E-14	.3673E-14	.3667E-14	.3654E-14	.3640E-14	.3630E-14	.3625E-14	.3629E-14	.3644E-14	.3670E-14
100.	.3623E-14	.3563E-14	.3518E-14	.3488E-14	.3471E-14	.3464E-14	.3465E-14	.3470E-14	.3474E-14	.3472E-14	.3468E-14	.3460E-14	.3476E-14	.3494E-14	.3525E-14	.3578E-14	.3631E-14
110.	.3589E-14	.3500E-14	.3432E-14	.3383E-14	.3351E-14	.3332E-14	.3324E-14	.3323E-14	.3325E-14	.3325E-14	.3327E-14	.3336E-14	.3356E-14	.3390E-14	.3439E-14	.3500E-14	.3597E-14
120.	.3560E-14	.3448E-14	.3363E-14	.3303E-14	.3262E-14	.3237E-14	.3224E-14	.3220E-14	.3221E-14	.3222E-14	.3227E-14	.3241E-14	.3267E-14	.3309E-14	.3371E-14	.3454E-14	.3564E-14
130.	.3536E-14	.3407E-14	.3311E-14	.3243E-14	.3199E-14	.3173E-14	.3159E-14	.3154E-14	.3154E-14	.3155E-14	.3162E-14	.3177E-14	.3205E-14	.3250E-14	.3318E-14	.3414E-14	.3544E-14
140.	.3517E-14	.3375E-14	.3272E-14	.3202E-14	.3158E-14	.3133E-14	.3120E-14	.3115E-14	.3115E-14	.3117E-14	.3123E-14	.3137E-14	.3163E-14	.3200E-14	.3279E-14	.3383E-14	.3525E-14
150.	.3503E-14	.3352E-14	.3245E-14	.3174E-14	.3132E-14	.3110E-14	.3100E-14	.3096E-14	.3096E-14	.3097E-14	.3102E-14	.3114E-14	.3137E-14	.3180E-14	.3252E-14	.3360E-14	.3511E-14
160.	.3493E-14	.3337E-14	.3227E-14	.3157E-14	.3110E-14	.3090E-14	.3090E-14	.3088E-14	.3088E-14	.3089E-14	.3093E-14	.3102E-14	.3123E-14	.3163E-14	.3234E-14	.3345E-14	.3501E-14
170.	.3488E-14	.3328E-14	.3217E-14	.3148E-14	.3110E-14	.3092E-14	.3086E-14	.3085E-14	.3085E-14	.3086E-14	.3089E-14	.3096E-14	.3115E-14	.3154E-14	.3224E-14	.3336E-14	.3496E-14
180.	.3485E-14	.3324E-14	.3213E-14	.3144E-14	.3107E-14	.3090E-14	.3085E-14	.3084E-14	.3084E-14	.3085E-14	.3088E-14	.3094E-14	.3112E-14	.3150E-14	.3220E-14	.3332E-14	.3493E-14
190.	.3485E-14	.3323E-14	.3212E-14	.3143E-14	.3106E-14	.3090E-14	.3085E-14	.3084E-14	.3084E-14	.3085E-14	.3087E-14	.3094E-14	.3111E-14	.3149E-14	.3219E-14	.3331E-14	.3492E-14
200.	.3485E-14	.3323E-14	.3212E-14	.3143E-14	.3106E-14	.3090E-14	.3085E-14	.3084E-14	.3084E-14	.3085E-14	.3087E-14	.3094E-14	.3111E-14	.3149E-14	.3219E-14	.3331E-14	.3493E-14
210.	.3486E-14	.3325E-14	.3214E-14	.3145E-14	.3107E-14	.3091E-14	.3085E-14	.3084E-14	.3084E-14	.3085E-14	.3088E-14	.3095E-14	.3112E-14	.3151E-14	.3221E-14	.3333E-14	.3494E-14
220.	.3489E-14	.3331E-14	.3221E-14	.3151E-14	.3112E-14	.3094E-14	.3087E-14	.3085E-14	.3086E-14	.3087E-14	.3090E-14	.3098E-14	.3117E-14	.3157E-14	.3227E-14	.3338E-14	.3497E-14
230.	.3490E-14	.3344E-14	.3235E-14	.3165E-14	.3124E-14	.3103E-14	.3094E-14	.3091E-14	.3091E-14	.3092E-14	.3097E-14	.3107E-14	.3129E-14	.3171E-14	.3242E-14	.3351E-14	.3505E-14
240.	.3511E-14	.3366E-14	.3262E-14	.3191E-14	.3140E-14	.3123E-14	.3112E-14	.3107E-14	.3107E-14	.3109E-14	.3114E-14	.3127E-14	.3153E-14	.3197E-14	.3269E-14	.3374E-14	.3519E-14
250.	.3532E-14	.3401E-14	.3304E-14	.3236E-14	.3192E-14	.3165E-14	.3152E-14	.3147E-14	.3146E-14	.3148E-14	.3154E-14	.3169E-14	.3197E-14	.3242E-14	.3311E-14	.3409E-14	.3540E-14
260.	.3561E-14	.3451E-14	.3367E-14	.3307E-14	.3266E-14	.3241E-14	.3229E-14	.3225E-14	.3226E-14	.3227E-14	.3232E-14	.3246E-14	.3271E-14	.3313E-14	.3374E-14	.3458E-14	.3569E-14
270.	.3590E-14	.3516E-14	.3454E-14	.3410E-14	.3381E-14	.3365E-14	.3359E-14	.3360E-14	.3362E-14	.3361E-14	.3362E-14	.3369E-14	.3387E-14	.3416E-14	.3462E-14	.3524E-14	.3606E-14
280.	.3642E-14	.3599E-14	.3569E-14	.3551E-14	.3544E-14	.3546E-14	.3554E-14	.3564E-14	.3569E-14	.3565E-14	.3557E-14	.3551E-14	.3550E-14	.3558E-14	.3576E-14	.3607E-14	.3650E-14
290.	.3693E-14	.3696E-14	.3709E-14	.3731E-14	.3759E-14	.3789E-14	.3819E-14	.3842E-14	.3853E-14	.3844E-14	.3822E-14	.3794E-14	.3764E-14	.3738E-14	.3717E-14	.3704E-14	.3701E-14
300.	.3747E-14	.3805E-14	.3872E-14	.3944E-14	.4015E-14	.4089E-14	.4149E-14	.4192E-14	.4209E-14	.4193E-14	.4152E-14	.4094E-14	.4024E-14	.3951E-14	.3879E-14	.3813E-14	.3755E-14
310.	.3802E-14	.3919E-14	.4047E-14	.4180E-14	.4312E-14	.4432E-14	.4530E-14	.4597E-14	.4622E-14	.4599E-14	.4534E-14	.4436E-14	.4318E-14	.4187E-14	.4054E-14	.3927E-14	.3810E-14
320.	.3854E-14	.4038E-14	.4222E-14	.4421E-14	.4616E-14	.4792E-14	.4939E-14	.5038E-14	.5064E-14	.5032E-14	.4939E-14	.4797E-14	.4622E-14	.4430E-14	.4236E-14	.4058E-14	.3902E-14
330.	.3899E-14	.4129E-14	.4382E-14	.4646E-14	.4904E-14	.5137E-14	.5325E-14	.5449E-14	.5493E-14	.5451E-14	.5329E-14	.5142E-14	.4910E-14	.4653E-14	.4396E-14	.4157E-14	.3967E-14
340.	.3935E-14	.4209E-14	.4512E-14	.4831E-14	.5144E-14	.5420E-14	.5656E-14	.5806E-14	.5858E-14	.5807E-14	.5660E-14	.5433E-14	.5150E-14	.4838E-14	.4526E-14	.4217E-14	.3943E-14
350.	.3958E-14	.4261E-14	.4600E-14	.4956E-14	.5300E-14	.5620E-14	.5903E-14	.6053E-14	.6112E-14	.6055E-14	.5888E-14	.5632E-14	.5314E-14	.4963E-14	.4608E-14	.4270E-14	.3966E-14

90. -90.

.3708E-14 .3708E-14

Number of Data Values. 612

Mean Value: .3859E-14

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 800.0
F10 70.00 F100: 70.00 GI: 0.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70	-60	-50.	-40.	-30	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0.	.2908E-14	.3106E-14	.3413E-14	.3649E-14	.3870E-14	.4004E-14	.4240E-14	.4354E-14	.4392E-14	.4356E-14	.4251E-14	.4009E-14	.3804E-14	.3655E-14	.3419E-14	.3193E-14	.2907E-14
10	.2977E-14	.3108E-14	.3403E-14	.3634E-14	.3860E-14	.4062E-14	.4223E-14	.4327E-14	.4364E-14	.4329E-14	.4226E-14	.4044E-14	.3865E-14	.3648E-14	.3409E-14	.3186E-14	.2904E-14
20	.2966E-14	.3155E-14	.3362E-14	.3576E-14	.3785E-14	.3971E-14	.4120E-14	.4217E-14	.4251E-14	.4210E-14	.4123E-14	.3976E-14	.3790E-14	.3582E-14	.3360E-14	.3161E-14	.2973E-14
30	.2940E-14	.3114E-14	.3296E-14	.3483E-14	.3665E-14	.3820E-14	.3957E-14	.4042E-14	.4072E-14	.4043E-14	.3960E-14	.3832E-14	.3670E-14	.3489E-14	.3302E-14	.3121E-14	.2955E-14
40.	.2924E-14	.3062E-14	.3211E-14	.3365E-14	.3515E-14	.3648E-14	.3755E-14	.3826E-14	.3851E-14	.3827E-14	.3758E-14	.3653E-14	.3528E-14	.3372E-14	.3210E-14	.3068E-14	.2931E-14
50	.2897E-14	.3002E-14	.3116E-14	.3234E-14	.3349E-14	.3452E-14	.3535E-14	.3590E-14	.3611E-14	.3592E-14	.3530E-14	.3456E-14	.3354E-14	.3240E-14	.3123E-14	.3009E-14	.2903E-14
60.	.2867E-14	.2939E-14	.3010E-14	.3100E-14	.3181E-14	.3255E-14	.3315E-14	.3356E-14	.3372E-14	.3358E-14	.3310E-14	.3259E-14	.3186E-14	.3106E-14	.3024E-14	.2946E-14	.2874E-14
70	.2837E-14	.2876E-14	.2922E-14	.2971E-14	.3021E-14	.3069E-14	.3109E-14	.3137E-14	.3149E-14	.3139E-14	.3112E-14	.3073E-14	.3026E-14	.2977E-14	.2928E-14	.2883E-14	.2843E-14
80	.2807E-14	.2817E-14	.2832E-14	.2853E-14	.2877E-14	.2903E-14	.2926E-14	.2944E-14	.2952E-14	.2945E-14	.2929E-14	.2906E-14	.2882E-14	.2859E-14	.2838E-14	.2823E-14	.2814E-14
90	.2779E-14	.2762E-14	.2753E-14	.2751E-14	.2754E-14	.2762E-14	.2773E-14	.2782E-14	.2787E-14	.2783E-14	.2775E-14	.2766E-14	.2759E-14	.2756E-14	.2759E-14	.2769E-14	.2786E-14
100	.2754E-14	.2714E-14	.2685E-14	.2666E-14	.2655E-14	.2650E-14	.2651E-14	.2655E-14	.2657E-14	.2656E-14	.2654E-14	.2654E-14	.2659E-14	.2671E-14	.2691E-14	.2721E-14	.2760E-14
110.	.2732E-14	.2674E-14	.2638E-14	.2599E-14	.2570E-14	.2567E-14	.2562E-14	.2561E-14	.2563E-14	.2563E-14	.2564E-14	.2579E-14	.2583E-14	.2694E-14	.2636E-14	.2688E-14	.2738E-14
120	.2712E-14	.2648E-14	.2586E-14	.2548E-14	.2524E-14	.2509E-14	.2502E-14	.2499E-14	.2500E-14	.2501E-14	.2504E-14	.2512E-14	.2520E-14	.2553E-14	.2592E-13	.2644E-14	.2719E-14
130	.2697E-14	.2614E-14	.2553E-14	.2513E-14	.2487E-14	.2473E-14	.2466E-14	.2464E-14	.2464E-14	.2465E-14	.2468E-14	.2476E-14	.2491E-14	.2517E-14	.2559E-14	.2628E-14	.2703E-14
140.	.2685E-14	.2594E-14	.2530E-14	.2489E-14	.2465E-14	.2453E-14	.2448E-14	.2447E-14	.2447E-14	.2448E-14	.2451E-14	.2457E-14	.2469E-14	.2493E-14	.2533E-14	.2599E-14	.2691E-14
150	.2675E-14	.2579E-14	.2513E-14	.2474E-14	.2453E-14	.2445E-14	.2443E-14	.2443E-14	.2443E-14	.2444E-14	.2445E-14	.2447E-14	.2470E-14	.2519E-14	.2590E-14	.2682E-14
160.	.2669E-14	.2570E-14	.2503E-14	.2465E-14	.2447E-14	.2442E-14	.2443E-14	.2444E-14	.2445E-14	.2445E-14	.2445E-14	.2445E-14	.2451E-14	.2469E-14	.2508E-14	.2575E-14	.2676E-14
170.	.2666E-14	.2564E-14	.2497E-14	.2460E-14	.2445E-14	.2442E-14	.2444E-14	.2446E-14	.2447E-14	.2447E-14	.2446E-14	.2445E-14	.2449E-14	.2465E-14	.2503E-14	.2570E-14	.2672E-14
180	.2664E-14	.2562E-14	.2495E-14	.2458E-14	.2444E-14	.2442E-14	.2445E-14	.2448E-14	.2449E-14	.2449E-14	.2447E-14	.2445E-14	.2448E-14	.2463E-14	.2500E-14	.2567E-14	.2670E-14
190	.2664E-14	.2561E-14	.2494E-14	.2458E-14	.2444E-14	.2442E-14	.2445E-14	.2448E-14	.2450E-14	.2449E-14	.2447E-14	.2445E-14	.2447E-14	.2462E-14	.2500E-14	.2567E-14	.2670E-14
200	.2664E-14	.2561E-14	.2494E-14	.2458E-14	.2444E-14	.2442E-14	.2445E-14	.2448E-14	.2450E-14	.2449E-14	.2447E-14	.2445E-14	.2447E-14	.2463E-14	.2500E-14	.2567E-14	.2670E-14
210	.2664E-14	.2562E-14	.2495E-14	.2459E-14	.2444E-14	.2442E-14	.2445E-14	.2448E-14	.2449E-14	.2449E-14	.2447E-14	.2445E-14	.2448E-14	.2463E-14	.2501E-14	.2568E-14	.2671E-14
220	.2667E-14	.2564E-14	.2499E-14	.2462E-14	.2445E-14	.2442E-14	.2443E-14	.2445E-14	.2446E-14	.2447E-14	.2445E-14	.2445E-14	.2449E-14	.2466E-14	.2505E-14	.2572E-14	.2673E-14
230	.2672E-14	.2574E-14	.2508E-14	.2469E-14	.2450E-14	.2443E-14	.2442E-14	.2443E-14	.2444E-14	.2444E-14	.2444E-14	.2446E-14	.2454E-14	.2473E-14	.2513E-14	.2580E-14	.2678E-14
240.	.2681E-14	.2588E-14	.2523E-14	.2483E-14	.2460E-14	.2450E-14	.2446E-14	.2445E-14	.2445E-14	.2446E-14	.2448E-14	.2453E-14	.2464E-14	.2487E-14	.2529E-14	.2594E-14	.2687E-14
250	.2695E-14	.2610E-14	.2549E-14	.2508E-14	.2483E-14	.2469E-14	.2462E-14	.2460E-14	.2460E-14	.2461E-14	.2464E-1	.2472E-14	.2487E-14	.2513E-14	.2555E-14	.2616E-14	.2701E-14
260	.2713E-14	.2642E-14	.2588E-14	.2551E-14	.2526E-14	.2512E-14	.2504E-14	.2502E 14	.2503E-14	.2503E-14	.2507E-1.	.2515E-14	.2530E-14	.2556E-14	.2594E-14	.2648E-14	.2720E-14
270	.2737E-14	.2684E-14	.2644E-14	.2616E-14	.2597E-14	.2587E-14	.2584E-14	.2584E-14	.2586E-14	.2585E-14	.2586E-14	.2591E-14	.2602E-14	.2621E-14	.2650E-14	.2690E-14	.2744E-14
280	.2766E-14	.2738E-14	.2718E-14	.2767E-14	.2703E-14	.2704E-14	.2709E-14	.2715E-14	.2719E-14	.2717E-14	.2712E-14	.2707E-14	.2707E-14	.2712E-14	.2724E-14	.2744E-14	.2773E-14
290	.2799E-14	.2802E-14	.2816E-14	.2825E-14	.2843E-14	.2863E-14	.2882E-14	.2898E-14	.2905E-14	.2899E-14	.2885E-14	.2867E-14	.2847E-14	.2838E-14	.2816E-14	.2808E-14	.2806E-14
300	.2835E-14	.2873E-14	.2917E-14	.2965E-14	.3013E-14	.3059E-14	.3099E-14	.3127E-14	.3138E-14	.3128E-14	.3101E-14	.3063E-14	.3010E-14	.2978E-14	.2923E-14	.2888E-14	.2848E-14
310	.2871E-14	.2940E-14	.3032E-14	.3119E-14	.3204E-14	.3282E-14	.3345E-14	.3388E-14	.3404E-14	.3389E-14	.3348E-14	.3286E-14	.3209E-14	.3124E-14	.3038E-14	.2954E-14	.2878E-14
320	.2905E-14	.3020E-14	.3146E-14	.3275E-14	.3408E-14	.3512E-14	.3602E-14	.3662E-14	.3684E-14	.3664E-14	.3605E-14	.3516E-14	.3405E-14	.3201E-14	.3152E-14	.3027E-14	.2912E-14
330	.2935E-14	.3005E-14	.3249E-14	.3419E-14	.3582E-14	.3729E-14	.3846E-14	.3923E-14	.3950E-14	.3924E-14	.3849E-14	.3733E-14	.3588E-14	.3425E-14	.3296E-14	.3092E-14	.2942E-14
340	.2958E-14	.3137E-14	.3333E-14	.3576E-14	.3733E-14	.3909E-14	.4058E-14	.4141E-14	.4173E-14	.4142E-14	.4053E-14	.3914E-14	.3738E-14	.3542E-14	.3340E-14	.3144E-14	.2965E-14
350	.2974E-14	.3171E-14	.3389E-14	.3615E-14	.3835E-14	.4032E-14	.4189E-14	.4291E-14	.4327E-14	.4292E-14	.4192E-14	.4036E-14	.3848E-14	.3621E-14	.3396E-14	.3178E-14	.2980E-14

90. -90.

.3811E-14 .2884E-14

Number of Data Values: 612

Mean Value: .2912E-14

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 14002 ALTITUDE(KM): 900.0
F10: 70.00 F10B: 70.00 GI: 0.00 (1-KP OR 2-AP): 2

LON (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0.	.1825E-14	.1937E-14	.2057E-14	.2183E-14	.2302E-14	.2408E-14	.2491E-14	.2544E-14	.2562E-14	.2545E-14	.2493E-14	.2411E-14	.2306E-14	.2187E-14	.2062E-14	.1940E-14	.1829E-14
10.	.1823E-14	.1932E-14	.2052E-14	.2175E-14	.2293E-14	.2397E-14	.2478E-14	.2530E-14	.2548E-14	.2531E-14	.2480E-14	.2400E-14	.2297E-14	.2179E-14	.2056E-14	.1936F-14	.1826E-14
20.	.1817E-14	.1919E-14	.2030E-14	.2149E-14	.2264E-14	.2351E-14	.2426E-14	.2475E-14	.2492E-14	.2476E-14	.2420E-14	.2354E-14	.2250E-14	.2149E-14	.2034E-14	.1923E-14	.1822E-14
30.	.1808E-14	.1897E-14	.1995E-14	.2095E-14	.2191E-14	.2276E-14	.2343E-14	.2387E-14	.2402E-14	.2388E-14	.2345E-14	.2279E-14	.2195E-14	.2099E-14	.1999E-14	.1901E-14	.1813E-14
40.	.1795E-14	.1869E-14	.1949E-14	.2032E-14	.2112E-14	.2183E-14	.2239E-14	.2275E-14	.2289E-14	.2277E-14	.2241E-14	.2185E-14	.2115E-14	.2036E-14	.1953E-14	.1873E-14	.1799E-14
50.	.1780E-14	.1837E-14	.1898E-14	.1962E-14	.2023E-14	.2079E-14	.2123E-14	.2152E-14	.2163E-14	.2153E-14	.2125E-14	.2081E-14	.2027E-14	.1965E-14	.1902E-14	.1841E-14	.1785E-14
60.	.1765E-14	.1803E-14	.1845E-14	.1889E-14	.1933E-14	.1973E-14	.2005E-14	.2027E-14	.2036E-14	.2028E-14	.2007E-14	.1975E-14	.1936E-14	.1893E-14	.1849E-14	.1807E-14	.1769E-14
70.	.1749E-14	.1770E-14	.1794E-14	.1820E-14	.1847E-14	.1872E-14	.1894E-14	.1909E-14	.1916E-14	.1910E-14	.1896E-14	.1875E-14	.1850E-14	.1824E-14	.1798E-14	.1774E-14	.1753E-14
80.	.1734E-14	.1739E-14	.1747E-14	.1758E-14	.1770E-14	.1784E-14	.1796E-14	.1806E-14	.1810E-14	.1807E-14	.1798E-14	.1786E-14	.1773E-14	.1761E-14	.1751E-14	.1743E-14	.1738E-14
90.	.1719E-14	.1711E-14	.1706E-14	.1705E-14	.1707E-14	.1711E-14	.1716E-14	.1721E-14	.1724E-14	.1722E-14	.1718E-14	.1713E-14	.1710E-14	.1708E-14	.1710E-14	.1718E-14	.1728E-14
100.	.1706E-14	.1687E-14	.1672E-14	.1663E-14	.1659E-14	.1656E-14	.1656E-14	.1658E-14	.1659E-14	.1659E-14	.1658E-14	.1658E-14	.1660E-14	.1666E-14	.1676E-14	.1690E-14	.1710E-14
110.	.1695E-14	.1667E-14	.1646E-14	.1632E-14	.1624E-14	.1619E-14	.1617E-14	.1617E-14	.1618E-14	.1618E-14	.1618E-14	.1621E-14	.1626E-14	.1635E-14	.1650E-14	.1670E-14	.1699E-14
120.	.1686E-14	.1651E-14	.1627E-14	.1612E-14	.1603E-14	.1598E-14	.1596F-14	.1596E-14	.1596E-14	.1597E-14	.1598E-14	.1600E-14	.1605E-14	.1615E-14	.1638E-14	.1655E-14	.1698E-14
130.	.1678E-14	.1639E-14	.1613E-14	.1599E-14	.1593E-14	.1591E-14	.1591 14	.1591F-14	.1591E-14	.1592E-14	.1592E-14	.1593E-14	.1595E-14	.1602E-14	.1617E-14	.1642E-14	.1682E-14
140	.1672E-14	.1630E-14	.1605E-14	.1593E-14	.1590E-14	.1592E-14	.1595.-14	.1597E-14	.1597E-14	.1598E-14	.1596E-14	.1594E-14	.1593E-14	.1596E-14	.1600E-14	.1634E-14	.1676E-14
150.	.1668E-14	.1626E-14	.1599E-14	.1591E-14	.1592E-14	.1598E-14	.1604E-14	.1608E-14	.1609E-14	.1608E-14	.1605E-14	.1600E-14	.1594E-14	.1593E-14	.1603E-14	.1627E-14	.1672E-14
160.	.1665E-14	.1621E-14	.1596E-14	.1590E-14	.1593E-14	.1605E-14	.1613E-14	.1618E-14	.1620E-14	.1619E-14	.1615E-14	.1606E-14	.1597E-14	.1593E-14	.1600E-14	.1623E-14	.1669E-14
170.	.1663E-14	.1618E-14	.1595E-14	.1590E-14	.1598E-14	.1610E-14	.1620E-14	.1626E-14	.1628E-14	.1627E-14	.1621E-14	.1611E-14	.1600E-14	.1593E-14	.1598E-14	.1621E-14	.1667E-14
180	.1662E-14	.1617E-14	.1594E-14	.1591E-14	.1599E-14	.1612E-14	.1624E-14	.1630E-14	.1632E-14	.1631E-14	.1625E-14	.1614E-14	.1601E-14	.1593E-14	.1598E-14	.1620E-14	.1666E-14
190	.1662E-14	.1616E-14	.1594E-14	.1591E-14	.1599E-14	.1613E-14	.1624E-14	.1631E-14	.1633E-14	.1632E-14	.1626E-14	.1615E-14	.1602E-14	.1594E-14	.1597E-14	.1620E-14	.1666E-14
200	.1662E-14	.1616E-14	.1594E-14	.1591E-14	.1599E-14	.1613E-14	.1624E-14	.1631E-14	.1633E-14	.1632E-14	.1626E-14	.1615E-14	.1602E-14	.1594E-14	.1597E-14	.1620E-14	.1666E-14
210	.1662E-14	.1617E-14	.1594E-14	.1591E-14	.1599E-14	.1612E-14	.1623E-14	.1629E-14	.1631E-14	.1630E-14	.1624E-14	.1615E-14	.1601E-14	.1593E-14	.1598E-14	.1620E-14	.1666E-14
220	.1664E-14	.1618E-14	.1595E-14	.1590E-14	.1597E-14	.1608E-14	.1618E-14	.1624E-14	.1625E-14	.1624E-14	.1619E-14	.1610E-14	.1599E-14	.1593E-14	.1599E-14	.1622E-14	.1667E-14
230	.1666E-14	.1622E-14	.1598E-14	.1590E-14	.1593E-14	.1601E-14	.1609E-14	.1613E-14	.1614E-14	.1614E-14	.1610E-14	.1603E-14	.1596E-14	.1593E-14	.1601E-14	.1623E-14	.1670E-14
240.	.1670E-14	.1628E-14	.1603E-14	.1592E-14	.1591E-14	.1594E-14	.1598E-14	.1600E-14	.1601E-14	.1601E-14	.1599E-14	.1596E-14	.1593E-14	.1595E-14	.1606E-14	.1631E-14	.1674E-14
250.	.1677E-14	.1637E-14	.1612E-14	.1598E-14	.1592E-14	.1591E-14	.1591E-14	.1591E-14	.1591E-14	.1592E-14	.1592E-14	.1592E-14	.1594E-14	.1601E-14	.1615E-14	.1641E-14	.1681E-14
260.	.1686E-14	.1652E-14	.1628E-14	.1612E-14	.1604E-14	.1599E-14	.1597E-14	.1597E-14	.1597E-14	.1597E-14	.1598E-14	.1601E-14	.1606E-14	.1615E-14	.1631E-14	.1658E-14	.1698E-14
270	.1698E-14	.1672E-14	.1653E-14	.1640E-14	.1632E-14	.1627E-14	.1626E-14	.1626E-14	.1627E-14	.1627E-14	.1627E-14	.1629E-14	.1634E-14	.1643E-14	.1656E-14	.1676E-14	.1708E-14
280	.1713E-14	.1698E-14	.1689E-14	.1683E-14	.1681E-14	.1682E-14	.1684E-14	.1687E-14	.1689E-14	.1688E-14	.1686E-14	.1684E-14	.1684E-14	.1686E-14	.1692E-14	.1702E-14	.1717E-14
290.	.1730E-14	.1731E-14	.1735E-14	.1743E-14	.1752E-14	.1763E-14	.1773E-14	.1781E-14	.1785E-14	.1782E-14	.1775E-14	.1765E-14	.1755E-14	.1746E-14	.1739E-14	.1735E-14	.1734E-14
300.	.1748E-14	.1760E-14	.1791E-14	.1817E-14	.1843E-14	.1867E-14	.1889E-14	.1904E-14	.1910E-14	.1905E-14	.1890E-14	.1870E-14	.1846E-14	.1826E-14	.1795E-14	.1772E-14	.1752E-14
310.	.1767E-14	.1803E-14	.1852E-14	.1899E-14	.1945E-14	.1987E-14	.2021E-14	.2044E-14	.2053E-14	.2045E-14	.2023E-14	.1990E-14	.1948E-14	.1903E-14	.1856E-14	.1812E-14	.1771E-14
320	.1785E-14	.1847E-14	.1914E-14	.1983E-14	.2051E-14	.2110E-14	.2150E-14	.2190E-14	.2202E-14	.2191E-14	.2160E-14	.2113E-14	.2054E-14	.1987E-14	.1918E-14	.1851E-14	.1789E-14
330	.1801E-14	.1881E-14	.1970E-14	.2061E-14	.2148E-14	.2225E-14	.2286E-14	.2326E-14	.2340E-14	.2327E-14	.2288E-14	.2228E-14	.2151E-14	.2064E-14	.1974E-14	.1886E-14	.1809E-14
340	.1813E-14	.1909E-14	.2015E-14	.2123E-14	.2227E-14	.2310E-14	.2391E-14	.2437E-14	.2453E-14	.2438E-14	.2393E-14	.2321E-14	.2231E-14	.2127E-14	.2019E-14	.1914E-14	.1817E-14
350	.1821E-14	.1928E-14	.2045E-14	.2165E-14	.2280E-14	.2381E-14	.2461E-14	.2512E-14	.2530E-14	.2513E-14	.2463E-14	.2384E-14	.2284E-14	.2169E-14	.2049E-14	.1932E-14	.1826E-14

90. -90.

.1736E-14 .1732E-14

Number of Data Values: 612

Mean Value: .1806E-14

TABLE 3. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 1000.0
F10: 70.00 F10B: 70.00 G1: 0.00 (1-KP OR 2-AP). 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40	-30	-20.	-10	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40	50.	60	70	80
0.	.1180E-14	.1246E-14	.1321E-14	.1400E-14	.1476E-14	.1542E-14	.1595E-14	.1628E-14	.1640E-14	.1629E-14	.1596E-14	.1544E-14	.1478E-14	.1402E-14	.1324E-14	.1249E-14	.1182E-14
10.	.1179E-14	.1244E-14	.1318E-14	.1395E-14	.1470E-14	.1535E-14	.1587E-14	.1620E-14	.1631E-14	.1620E-14	.1588E-14	.1537E-14	.1472E-14	.1398E-14	.1321E-14	.1247E-14	.1182E-14
20.	.1175E-14	.1236E-14	.1304E-14	.1376E-14	.1445E-14	.1506E-14	.1554E-14	.1585E-14	.1596E-14	.1586E-14	.1555E-14	.1508E-14	.1447E-14	.1378E-14	.1307E-14	.1239E-14	.1178E-14
30.	.1170E-14	.1222E-14	.1282E-14	.1345E-14	.1405E-14	.1459E-14	.1502E-14	.1529E-14	.1539E-14	.1530E-14	.1503E-14	.1461E-14	.1408E-14	.1347E-14	.1285E-14	.1225E-14	.1172E-14
40.	.1163E-14	.1206E-14	.1254E-14	.1305E-14	.1355E-14	.1400E-14	.1435E-14	.1459E-14	.1467E-14	.1459E-14	.1437E-14	.1402E-14	.1357E-14	.1308E-14	.1257E-14	.1208E-14	.1165E-14
50.	.1154E-14	.1187E-14	.1223E-14	.1262E-14	.1300E-14	.1334E-14	.1362E-14	.1381E-14	.1388E-14	.1381E-14	.1363E-14	.1336E-14	.1302E-14	.1264E-14	.1226E-14	.1189E-14	.1157E-14
60.	.1146E-14	.1167E-14	.1192E-14	.1218E-14	.1244E-14	.1269E-14	.1289E-14	.1302E-14	.1308E-14	.1303E-14	.1290E-14	.1270E-14	.1246E-14	.1220E-14	.1194E-14	.1170E-14	.1148E-14
70.	.1137E-14	.1148E-14	.1162E-14	.1177E-14	.1193E-14	.1208E-14	.1221E-14	.1230E-14	.1234E-14	.1231E-14	.1222E-14	.1209E-14	.1195E-14	.1179E-14	.1164E-14	.1151E-14	.1139E-14
80.	.1128E-14	.1131E-14	.1136E-14	.1142E-14	.1149E-14	.1156E-14	.1163E-14	.1169E-14	.1171E-14	.1169E-14	.1164E-14	.1158E-14	.1150E-14	.1144E-14	.1138E-14	.1134E-14	.1131E-14
90.	.1121E-14	.1116E-14	.1114E-14	.1114E-14	.1114E-14	.1117E-14	.1119E-14	.1122E-14	.1123E-14	.1122E-14	.1120E-14	.1118E-14	.1116E-14	.1116E-14	.1116E-14	.1119E-14	.1123E-14
100.	.1114E-14	.1104E-14	.1098E-14	.1093E-14	.1091E-14	.1090E-14	.1091E-14	.1091E-14	.1092E-14	.1092E-14	.1092E-14	.1092E-14	.1093E-14	.1095E-14	.1100E-14	.1107E-14	.1117E-14
110.	.1109E-14	.1095E-14	.1086E-14	.1081E-14	.1079E-14	.1077E-14	.1077E-14	.1077E-14	.1077E-14	.1078E-14	.1078E-14	.1079E-14	.1080E-14	.1083E-14	.1088E-14	.1097E-14	.1111E-14
120.	.1104E-14	.1088E-14	.1079E-14	.1076E-14	.1075E-14	.1076E-14	.1077E-14	.1077E-14	.1077E-14	.1078E-14	.1077E-14	.1077E-14	.1077E-14	.1078E-14	.1082E-14	.1091E-14	.1106E-14
130.	.1100E-14	.1084E-14	.1076E-14	.1075E-14	.1078E-14	.1083E-14	.1086E-14	.1088E-14	.1088E-14	.1088E-14	.1087E-14	.1084E-14	.1080E-14	.1077E-14	.1078E-14	.1086E-14	.1103E-14
140.	.1097E-14	.1080E-14	.1075E-14	.1078E-14	.1086E-14	.1094E-14	.1101E-14	.1104E-14	.1105E-14	.1105E-14	.1102E-14	.1096E-14	.1087E-14	.1080E-14	.1077E-14	.1083E-14	.1100E-14
150.	.1095E-14	.1079E-14	.1075E-14	.1082E-14	.1094E-14	.1107E-14	.1117E-14	.1122E-14	.1123E-14	.1123E-14	.1118E-14	.1108E-14	.1096E-14	.1084E-14	.1077E-14	.1081E-14	.1098E-14
160.	.1094E-14	.1077E-14	.1076E-14	.1086E-14	.1102E-14	.1118E-14	.1131E-14	.1137E-14	.1139E-14	.1138E-14	.1131E-14	.1119E-14	.1103E-14	.1088E-14	.1078E-14	.1080E-14	.1097E-14
170.	.1093E-14	.1077E-14	.1077E-14	.1088E-14	.1107E-14	.1125E-14	.1140E-14	.1147E-14	.1149E-14	.1148E-14	.1140E-14	.1127E-14	.1108E-14	.1090E-14	.1079E-14	.1079E-14	.1096E-14
180.	.1093E-14	.1077E-14	.1077E-14	.1090E-14	.1109E-14	.1129E-14	.1144E-14	.1152E-14	.1154E-14	.1153E-14	.1145E-14	.1130E-14	.1111E-14	.1092E-14	.1079E-14	.1079E-14	.1095E-14
190.	.1093E-14	.1077E-14	.1077E-14	.1090E-14	.1110E-14	.1130E-14	.1145E-14	.1153E-14	.1155E-14	.1154E-14	.1146E-14	.1131E-14	.1111E-14	.1092E-14	.1079E-14	.1079E-14	.1095E-14
200.	.1093E-14	.1077E-14	.1077E-14	.1090E-14	.1110E-14	.1130E-14	.1145E-14	.1153E-14	.1155E-14	.1154E-14	.1146E-14	.1131E-14	.1111E-14	.1092E-14	.1079E-14	.1079E-14	.1095E-14
210.	.1093E-14	.1077E-14	.1077E-14	.1089E-14	.1109E-14	.1128E-14	.1143E-14	.1151E-14	.1153E-14	.1152E-14	.1144E-14	.1129E-14	.1110E-14	.1091E-14	.1079E-14	.1079E-14	.1096E-14
220.	.1094E-14	.1077E-14	.1076E-14	.1088E-14	.1105E-14	.1123E-14	.1137E-14	.1144E-14	.1146E-14	.1144E-14	.1137E-14	.1124E-14	.1107E-14	.1089E-14	.1078E-14	.1079E-14	.1096E-14
230.	.1095E-14	.1078E-14	.1076E-14	.1084E-14	.1098E-14	.1113E-14	.1124E-14	.1130E-14	.1131E-14	.1130E-14	.1125E-14	.1114E-14	.1100E-14	.1086E-14	.1078E-14	.1080E-14	.1097E-14
240.	.1097E-14	.1080E-14	.1075E-14	.1079E-14	.1089E-14	.1099E-14	.1106E-14	.1110E-14	.1111E-14	.1111E-14	.1107E-14	.1100E-14	.1090E-14	.1081E-14	.1077E-14	.1082E-14	.1099E-14
250.	.1100E-14	.1083E-14	.1076E-14	.1076E-14	.1079E-14	.1084E-14	.1088E-14	.1090E-14	.1090E-14	.1090E-14	.1089E-14	.1085E-14	.1081E-14	.1077E-14	.1078E-14	.1085E-14	.1102E-14
260.	.1104E-14	.1089E-14	.1080E-14	.1076E-14	.1075E-14	.1076E-14	.1076E-14	.1077E-14	.1077E-14	.1077E-14	.1077E-14	.1077E-14	.1077E-14	.1078E-14	.1082E-14	.1091E-14	.1107E-14
270.	.1110E-14	.1097E-14	.1089E-14	.1084E-14	.1081E-14	.1080E-14	.1079E-14	.1080E-14	.1080E-14	.1080E-14	.1080E-14	.1081E-14	.1083E-14	.1086E-14	.1091E-14	.1100E-14	.1113E-14
280.	.1118E-14	.1110E-14	.1105E-14	.1103E-14	.1102E-14	.1102E-14	.1103E-14	.1105E-14	.1106E-14	.1105E-14	.1104E-14	.1103E-14	.1103E-14	.1105E-14	.1108E-14	.1113E-14	.1120E-14
290.	.1126E-14	.1127E-14	.1129E-14	.1133E-14	.1139E-14	.1144E-14	.1150E-14	.1155E-14	.1157E-14	.1155E-14	.1151E-14	.1146E-14	.1140E-14	.1135E-14	.1132E-14	.1129E-14	.1129E-14
300.	.1136E-14	.1147E-14	.1160E-14	.1175E-14	.1190E-14	.1205E-14	.1218E-14	.1227E-14	.1230E-14	.1227E-14	.1219E-14	.1206E-14	.1192E-14	.1177E-14	.1163E-14	.1150E-14	.1139E-14
310.	.1147E-14	.1170E-14	.1196E-14	.1224E-14	.1252E-14	.1278E-14	.1299E-14	.1313E-14	.1319E-14	.1314E-14	.1300E-14	.1279E-14	.1254E-14	.1226E-14	.1198E-14	.1172E-14	.1149E-14
320.	.1157E-14	.1192E-14	.1233E-14	.1275E-14	.1317E-14	.1354E-14	.1385E-14	.1405E-14	.1412E-14	.1405E-14	.1386E-14	.1356E-14	.1319E-14	.1278E-14	.1235E-14	.1195E-14	.1159E-14
330.	.1166E-14	.1213E-14	.1267E-14	.1323E-14	.1378E-14	.1427E-14	.1465E-14	.1490E-14	.1499E-14	.1491E-14	.1467E-14	.1420E-14	.1380E-14	.1326E-14	.1269E-14	.1216E-14	.1168E-14
340.	.1173E-14	.1230E-14	.1295E-14	.1362E-14	.1428E-14	.1486E-14	.1531E-14	.1561E-14	.1571E-14	.1562E-14	.1533E-14	.1488E-14	.1430E-14	.1365E-14	.1297E-14	.1233E-14	.1176E-14
350.	.1178E-14	.1241E-14	.1313E-14	.1389E-14	.1462E-14	.1526E-14	.1576E-14	.1608E-14	.1620E-14	.1609E-14	.1577E-14	.1528E-14	.1464E-14	.1391E-14	.1316E-14	.1244E-14	.1180E-14

90. -90.

.1130E-14 .1128E-14

Number of Data Values: 612

Mean Value: .1191E-14

TABLE 3. (Concluded)

DENSITIES (KG/M3)

DATE: MAR 21 1976 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 1100.0
F10: 70.00 F100: 70.00 GI: 0.00 (1-KP OR 2-AP): 2

LON. (-WEST +EAST)	-80.	-70.	(-SOUTH) LATITUDES (+NORTH) -60	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0	.7911E-15	.8302E-15	.8774E-15	.9266E-15	.9750E-15	.1024E-14	1059E-14	.1082E-14	.1090E-14	.1083E-14	.1060E-14	.1025E-14	.9805E-15	.9303E-15	.8792E-15	.8319E-15	.7928E-15
10	.7907E-15	.8289E-15	.8753E-15	.9255E-15	.9749E-15	.1019E-14	.1054E-14	1076E-14	.1084E-14	.1077E-14	.1055E-14	.1020E-14	.9764E-15	.9271E-15	.8770E-15	.8307E-15	.7924E-15
20	.7887E-15	.8240E-15	.8666E-15	.9148E-15	.9585E-15	.9994E-15	.1032E-14	.1053E-14	.1060E-14	.1053E-14	.1033E-14	.1001E-14	.9600E-15	.9145E-15	.8683E-15	.8297E-15	.7904E-15
30	.7856E-15	.8160E-15	.8527E-15	.8926E-15	.9322E-15	9679E-15	9964E-15	.1015E-14	.1021E-14	.1015E-14	.9972E-15	.9691E-15	.9337E-15	.8942E-15	.8544E-15	.8177E-15	.7873E-15
40	.7817E-15	.8060E-15	.8353E-15	.8674E-15	.8995E-15	9206E-15	.9521E-15	.9675E-15	.9731E-15	.9679E-15	.9529E-15	.9297E-15	.9000E-15	.8690E-15	.8378E-15	.8077E-15	.7833E-15
50	.7772E-15	.7951E-15	.8165E-15	.8401E-15	.8639E-15	.8859E-15	.9039E-15	.9160E-15	.9205E-15	.9164E-15	.9047E-15	.8870E-15	.8652E-15	.8416E-15	.8181E-15	.7967E-15	.7789E-15
60	.7727E-15	.7841E-15	.7979E-15	.8133E-15	.8292E-15	.8442E-15	.8568E-15	.8655E-15	.8689E-15	.8659E-15	.8576E-15	.8453E-15	.8305E-15	.8140E-15	.7998E-15	.7858E-15	.7743E-15
70	.7683E-15	.7741E-15	.7813E-15	7896E-15	.7986E-15	.8074E-15	.8151E-15	.8207E-15	.8229E-15	.8210E-15	.8158E-15	.8083E-15	.7990E-15	.7910E-15	.7828E-15	.7757E-15	.7699E-15
80	.7643E-15	.7655E-15	.7677E-15	.7707E-15	.7743F-15	.7783E-15	.7821E-15	.7851E-15	.7865E-15	.7854E-15	.7827E-15	.7792E-15	.7755E-15	.7720E-15	.7692E-15	.7671E-15	.7659E-15
90.	.7608E-15	.7586E-15	.7573E-15	.7576E-15	.7580E-15	7589E-15	.7602E-15	.7614E-15	.7620E-15	.7617E-15	.7600E-15	.7598E-15	.7591E-15	.7589E-15	.7593E-15	.7604E-15	.7624E-15
100	.7579E-15	.7540E-15	.7518E-15	.7506E-15	.7501E-15	.7500E-15	.7501E-15	.7504E-15	.7506E-15	.7507E-15	.7507E-15	.7509E-15	.7512E-15	.7519E-15	.7532E-15	.7553E-15	.7595E-15
110	.7556E-15	.7510E-15	.7493E-15	.7493E-15	.7501E-15	.7510E-15	.7515E-15	.7517E-15	.7518E-15	.7520E-15	.7521E-15	.7510E-15	.7512E-15	.7505E-15	.7507E-15	.7525E-15	.7572E-15
120	.7536E-15	.7495E-15	.7496E-15	.7526E-15	.7566E-15	.7601E-15	.7624E-15	.7634E-15	.7636E-15	.7637E-15	.7630E-15	.7609E-15	.7576E-15	.7530E-15	.7514E-15	.7510E-15	.7554E-15
130	.7526E-15	.7491E-15	.7520E-15	.7589E-15	.7673E-15	.7747E-15	.7798E-15	.7821E-15	.7826E-15	.7824E-15	.7803E-15	.7755E-15	.7683E-15	.7601E-15	.7534E-15	.7506E-15	.7541E-15
140	.7517E-15	.7494E-15	.7553E-15	.7665E-15	.7797E-15	.7915E-15	.7998E-15	.8039E-15	.8048E-15	.8042E-15	.8004E-15	.7923E-15	.7807E-15	.7677E-15	.7566E-15	.7509E-15	.7532E-15
150.	.7511E-15	.7499E-15	.7586E-15	.7739E-15	.7915E-15	.8075E-15	.8190E-15	.8247E-15	.8260E-15	.8250E-15	.8195E-15	.8083E-15	.7929E-15	.7751E-15	.7600E-15	.7514E-15	.7527E-15
160	.7507E-15	.7505E-15	.7614E-15	.7798E-15	.8009E-15	.8203E-15	.8342E-15	.8414E-15	.8430E-15	.8416E-15	.8347E-15	.8210E-15	.8020E-15	.7816E-15	.7628E-15	.7526E-15	.7523E-15
170	.7506E-15	.7509E-15	.7632E-15	.7836E-15	.8071E-15	.8285E-15	.8441E-15	.8522E-15	.8542E-15	.8525E-15	.8446E-15	.8293E-15	.8081E-15	.7848E-15	.7646E-15	.7524E-15	.7521E-15
180.	.7505E-15	.7511E-15	.7641E-15	.7854E-15	.8100E-15	.8325E-15	.8489E-15	.8575E-15	.8595E-15	.8577E-15	.8494E-15	.8333E-15	.8110E-15	.7866E-15	.7658E-15	.7526E-15	.7520E-15
190	.7505E-15	.7512E-15	.7643E-15	.7859E-15	.8107E-15	.8335E-15	.8501E-15	.8588E-15	.8609E-15	.8590E-15	.8506E-15	.8343E-15	.8117E-15	.7871E-15	.7657E-15	.7527E-15	.7520E-15
200	.7505E-15	.7512E-15	.7643E-15	.7858E-15	.8106E-15	.8334E-15	.8500E-15	.8587E-15	.8607E-15	.8589E-15	.8505E-15	.8342E-15	.8117E-15	.7871E-15	.7656E-15	.7527E-15	.7520E-15
210	.7505E-15	.7511E-15	.7639E-15	.7850E-15	.8094E-15	.8317E-15	.8479E-15	.8564E-15	.8583E-15	.8566E-15	.8484E-15	.8324E-15	.8104E-15	.7863E-15	.7653E-15	.7526E-15	.7521E-15
220	.7506E-15	.7508E-15	.7626E-15	.7823E-15	.8050E-15	.8258E-15	.8409E-15	.8487E-15	.8505E-15	.8490E-15	.8414E-15	.8266E-15	.8061E-15	.7835E-15	.7640E-15	.7523E-15	.7522E-15
230	.7509E-15	.7503E-15	.7601E-15	.7770E-15	.7965E-15	.8143E-15	.8270E-15	.8336E-15	.8350E-15	.8338E-15	.8275E-15	.8151E-15	.7975E-15	.7782E-15	.7615E-15	.7517E-15	.7529E-15
240	.7515E-15	.7496F-15	.7564F-15	.7691E-15	.7838F-15	.7971E-15	.8065E-15	.8112E-15	.8122E-15	.8115E-15	.8071E-15	.7979E-15	.7849E-15	.7703E-15	.7578E-15	.7510E-15	.7536E-15
250.	.7524E-15	.7491E-15	.7524E-15	.7600E-15	.7691E-15	.7772E-15	.7827E-15	.7854E-15	.7859E-15	.7856E-15	.7833E-15	.7788E-15	.7701E-15	.7612E-15	.7536E-15	.7506E-15	.7540E-15
260	.7539E-15	.7496E-15	.7496E-15	.7523E-15	.7560E-15	.7594E-15	.7616E-15	.7625E-15	.7626E-15	.7620E-15	.7621E-15	.7602E-15	.7571E-15	.7535E-15	.7509E-15	.7510E-15	.7555E-15
270	.7562E-15	.7517E-15	.7496E-15	.7491E-15	.7494E-15	.7496E-15	.7501E-15	.7502E-15	.7503E-15	.7505E-15	.7506E-15	.7506E-15	.7504E-15	.7504E-15	.7510E-15	.7532E-15	.7570E-15
280	.7593E-15	.7562E-15	.7544E-15	.7534E-15	.7531E-15	.7533E-15	.7537E-15	.7544E-15	.7548E-15	.7547E-15	.7543E-15	.7541E-15	.7542E-15	.7547E-15	.7558E-15	.7578E-15	.7609E-15
290	.7633E-15	.7636E-15	.7647E-15	.7666E-15	.7692E-15	.7722E-15	.7752E-15	.7776E-15	.7788E-15	.7780E-15	.7758E-15	.7731E-15	.7703E-15	.7680E-15	.7662E-15	.7651E-15	.7649E-15
300	.7681E-15	.7736E-15	.7805E-15	.7885E-15	.7971E-15	.8056E-15	.8131E-15	.8186E-15	.8208E-15	.8189E-15	.8138E-15	.8066E-15	.7983E-15	.7899E-15	.7828E-15	.7752E-15	.7697E-15
310	.7733E-15	.7856E-15	.8004E-15	.8169E-15	.8339E-15	.8498E-15	.8631E-15	.8723E-15	.8758E-15	.8726E-15	.8639E-15	.8508E-15	.8351E-15	.8184E-15	.8028E-15	.7872E-15	.7758E-15
320	.7786E-15	.7984E-15	.8222E-15	.8484E-15	.8747E-15	.8989E-15	.9186E-15	.9317E-15	.9365E-15	.9321E-15	.9193E-15	.9000E-15	.8768E-15	.8499E-15	.8238E-15	.8001E-15	.7803E-15
330	.7835E-15	.8105E-15	.8431E-15	.8787E-15	.9142E-15	.9463E-15	.9720E-15	.9868E-15	.9949E-15	.9893E-15	.9720E-15	.9474E-15	.9156E-15	.8803E-15	.8440E-15	.8122E-15	.7891E-15
340.	.7874E-15	.8205E-15	.8606E-15	.9041E-15	.9471E-15	.9858E-15	.1017E-14	.1036E-14	.1043E-14	.1037E-14	.1017E-14	.9870E-15	.9486E-15	.9057E-15	.8623E-15	.8222E-15	.7891E-15
350	.7900E-15	.9273E-15	.8724E-15	.9213E-15	.9695E-15	.1013E-14	.1047E-14	.1069E-14	.1076E-14	.1069E-14	.1048E-14	.1014E-14	.9718E-15	.9230E-15	.8742E-15	.8298E-15	.7917E-15

Number of Data Values: 612

Mean Value: .8193E-15

90.	-90.
.7855E-15	.7838E-15

TABLE 4. MSFC/J70 GLOBAL DENSITY VALUES GIVEN NOMINAL SOLAR/GEOMAGNETIC CONDITIONS DURING A VERNAL EQUINOX PERIOD

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 14002 ALTITUDE(KM): 130.0
F10: 153.00 F10B: 150.00 GI: 15.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20	30.	40.	50.	60	70	80
0.	.8556E-08	.8596E-08	.8637E-08	.8676E-08	.8712E-08	.8742E-08	.8765E-08	.8779E-08	.8784E-08	.8783E-08	.8780E-08	.8774E-08	.8765E-08	.8751E-08	.8732E-08	.8708E-08	[illegible]
10.	.8555E-08	.8595E-08	.8636E-08	.8675E-08	.8710E-08	.8740E-08	.8763E-08	.8777E-08	.8782E-08	.8781E-08	.8778E-08	.8772E-08	.8763E-08	.8750E-08	.8731E-08	.8707E-08	[illegible]
20.	.8553E-08	.8591E-08	.8638E-08	.8668E-08	.8702E-08	.8732E-08	.8754E-08	.8768E-08	.8772E-08	.8772E-08	.8769E-08	.8764E-08	.8755E-08	.8743E-08	.8726E-08	.8703E-08	[illegible]
30.	.8549E-08	.8585E-08	.8621E-08	.8657E-08	.8689E-08	.8717E-08	.8739E-08	.8752E-08	.8757E-08	.8756E-08	.8754E-08	.8749E-08	.8742E-08	.8731E-08	.8716E-08	.8696E-08	[illegible]
40.	.8545E-08	.8576E-08	.8609E-08	.8641E-08	.8672E-08	.8698E-08	.8718E-08	.8731E-08	.8735E-08	.8735E-08	.8733E-08	.8730E-08	.8724E-08	.8716E-08	.8704E-08	.8687E-08	[illegible]
50.	.8539E-08	.8565E-08	.8593E-08	.8622E-08	.8650E-08	.8674E-08	.8693E-08	.8705E-08	.8709E-08	.8709E-08	.8708E-08	.8706E-08	.8702E-08	.8697E-08	.8689E-08	.8677E-08	.8661E-08
60.	.8533E-08	.8553E-08	.8576E-08	.8601E-08	.8625E-08	.8647E-08	.8664E-08	.8675E-08	.8679E-08	.8679E-08	.8679E-08	.8678E-08	.8677E-08	.8675E-08	.8671E-08	.8664E-08	.8655E-08
70.	.8526E-08	.8540E-08	.8558E-08	.8578E-08	.8598E-08	.8617E-08	.8632E-08	.8642E-08	.8646E-08	.8646E-08	.8647E-08	.8648E-08	.8650E-08	.8652E-08	.8652E-08	.8651E-08	.8648E-08
80.	.8520E-08	.8527E-08	.8539E-08	.8554E-08	.8570E-08	.8585E-08	.8599E-08	.8607E-08	.8611E-08	.8611E-08	.8613E-08	.8617E-08	.8622E-08	.8628E-08	[illegible]	.8678E-08	.8641E-08
90.	.8513E-08	.8514E-08	.8520E-08	.8530E-08	.8542E-08	.8554E-08	.8564E-08	.8572E-08	.8575E-08	.8576E-08	.8579E-08	.8585E-08	.8593E-08	.8603E-08	[illegible]	.8625E-08	.8635E-08
100.	.8507E-08	.8502E-08	.8502E-08	.8507E-08	.8514E-08	.8523E-08	.8531E-08	.8538E-08	.8540E-08	.8541E-08	.8546E-08	.8554E-08	.8566E-08	.8580E-08	[illegible]	.8613E-08	.8628E-08
110.	.8501E-08	.8490E-08	.8485E-08	.8485E-08	.8488E-08	.8493E-08	.8500E-08	.8505E-08	.8507E-08	.8508E-08	.8514E-08	.8525E-08	.8539E-08	.8558E-08	[illegible]	.8601E-08	.8623E-08
120.	.8496E-08	.8480E-08	.8478E-08	.8465E-08	.8464E-08	.8467E-08	.8471E-08	.8475E-08	.8476E-08	.8478E-08	.8485E-08	.8498E-08	.8516E-08	.8538E-08	[illegible]	.8591E-08	.8617E-08
130.	.8492E-08	.8472E-08	.8457E-08	.8448E-08	.8446E-08	.8446E-08	.8446E-08	.8448E-08	.8450E-08	.8452E-08	.8460E-08	.8475E-08	.8495E-08	.8521E-08	[illegible]	.8564E-08	.8613E-08
140.	.8488E-08	.8463E-08	.8447E-08	.8434E-08	.8427E-08	.8425E-08	.8425E-08	.8427E-08	.8428E-08	.8431E-08	.8439E-08	.8456E-08	.8478E-08	.8507E-08	[illegible]	.8575E-08	.8610E-08
150.	.8486E-08	.8459E-08	.8439E-08	.8424E-08	.8415E-08	.8410E-08	.8409E-08	.8410E-08	.8411E-08	.8414E-08	.8424E-08	.8441E-08	.8466E-08	.8496E-08	[illegible]	.8569E-08	.8607E-08
160.	.8484E-08	.8456E-08	.8433E-08	.8416E-08	.8406E-08	.8400E-08	.8398E-08	.8399E-08	.8400E-08	.8403E-08	.8413E-08	.8431E-08	.8457E-08	.8489E-08	[illegible]	.8566E-08	.8605E-08
170.	.8483E-08	.8453E-08	.8430E-08	.8412E-08	.8400E-08	.8394E-08	.8392E-08	.8392E-08	.8393E-08	.8396E-08	.8406E-08	.8425E-08	.8451E-08	.8485E-08	[illegible]	.8563E-08	.8604E-08
180.	.8482E-08	.8452E-08	.8428E-08	.8410E-08	.8398E-08	.8391E-08	.8389E-08	.8389E-08	.8390E-08	.8392E-08	.8403E-08	.8422E-08	.8449E-08	.8483E-08	[illegible]	.8562E-08	.8604E-08
190.	.8482E-08	.8452E-08	.8428E-08	.8410E-08	.8397E-08	.8390E-08	.8388E-08	.8389E-08	.8390E-08	.8392E-08	.8402E-08	.8421E-08	.8448E-08	.8482E-08	[illegible]	.8562E-08	.8603E-08
200.	.8482E-08	.8452E-08	.8428E-08	.8410E-08	.8397E-08	.8391E-08	.8389E-08	.8388E-08	.8389E-08	.8392E-08	.8402E-08	.8421E-08	.8448E-08	.8482E-08	[illegible]	.8562E-08	.8603E-08
210.	.8482E-08	.8453E-08	.8429E-08	.8411E-08	.8398E-08	.8392E-08	.8389E-08	.8389E-08	.8390E-08	.8393E-08	.8404E-08	.8422E-08	.8449E-08	.8483E-08	[illegible]	.8563E-08	.8604E-08
220.	.8483E-08	.8454E-08	.8431E-08	.8414E-08	.8402E-08	.8396E-08	.8394E-08	.8394E-08	.8395E-08	.8398E-08	.8408E-08	.8427E-08	.8453E-08	.8486E-08	[illegible]	.8564E-08	.8604E-08
230.	.8485E-08	.8457E-08	.8436E-08	.8420E-08	.8410E-08	.8405E-08	.8403E-08	.8404E-08	.8405E-08	.8408E-08	.8418E-08	.8435E-08	.8461E-08	.8492E-08	[illegible]	.8567E-08	.8606E-08
240.	.8487E-08	.8463E-08	.8444E-08	.8430E-08	.8423E-08	.8419E-08	.8419E-08	.8421E-08	.8422E-08	.8424E-08	.8434E-08	.8450E-08	.8474E-08	.8503E-08	[illegible]	.8573E-08	.8609E-08
250.	.8491E-08	.8470E-08	.8455E-08	.8446E-08	.8441E-08	.8441E-08	.8442E-08	.8445E-08	.8446E-08	.8449E-08	.8457E-08	.8471E-08	.8492E-08	.8519E-08	[illegible]	.8581E-08	.8613E-08
260.	.8496E-08	.8481E-08	.8471E-08	.8466E-08	.8466E-08	.8468E-08	.8472E-08	.8476E-08	.8478E-08	.8480E-08	.8487E-08	.8499E-08	.8517E-08	.8539E-08	[illegible]	.8591E-08	.8618E-08
270.	.8503E-08	.8494E-08	.8490E-08	.8491E-08	.8495E-08	.8501E-08	.8508E-08	.8514E-08	.8516E-08	.8517E-08	.8523E-08	.8533E-08	.8547E-08	.8564E-08	[illegible]	.8604E-08	.8624E-08
280.	.8510E-08	.8508E-08	.8511E-08	.8518E-08	.8528E-08	.8538E-08	.8548E-08	.8555E-08	.8558E-08	.8559E-08	.8563E-08	.8570E-08	.8580E-08	.8592E-08	[illegible]	.8619E-08	.8632E-08
290.	.8518E-08	.8524E-08	.8534E-08	.8548E-08	.8562E-08	.8577E-08	.8590E-08	.8598E-08	.8601E-08	.8602E-08	.8604E-08	.8608E-08	.8614E-08	.8621E-08	[illegible]	.8635E-08	.8640E-08
300.	.8526E-08	.8540E-08	.8557E-08	.8577E-08	.8597E-08	.8615E-08	.8630E-08	.8640E-08	.8644E-08	.8644E-08	.8645E-08	.8647E-08	.8649E-08	.8651E-08	[illegible]	.8651E-08	.8648E-08
310.	.8534E-08	.8555E-08	.8579E-08	.8604E-08	.8629E-08	.8651E-08	.8668E-08	.8679E-08	.8683E-08	.8683E-08	.8683E-08	.8682E-08	.8681E-08	.8678E-08	[illegible]	.8666E-08	.8656E-08
320.	.8541E-08	.8568E-08	.8598E-08	.8628E-08	.8657E-08	.8682E-08	.8701E-08	.8713E-08	.8717E-08	.8717E-08	.8716E-08	.8713E-08	.8709E-08	.8703E-08	[illegible]	.8680E-08	.8663E-08
330.	.8547E-08	.8580E-08	.8614E-08	.8648E-08	.8680E-08	.8707E-08	.8728E-08	.8741E-08	.8745E-08	.8745E-08	.8742E-08	.8739E-08	.8732E-08	.8723E-08	[illegible]	.8691E-08	.8669E-08
340.	.8551E-08	.8588E-08	.8626E-08	.8663E-08	.8697E-08	.8726E-08	.8747E-08	.8761E-08	.8766E-08	.8765E-08	.8762E-08	.8757E-08	.8750E-08	.8736E-08	[illegible]	.8708E-08	.8674E-08
350.	.8554E-08	.8594E-08	.8634E-08	.8673E-08	.8708E-08	.8737E-08	.8760E-08	.8774E-08	.8779E-08	.8778E-08	.8775E-08	.8769E-08	.8760E-08	.8747E-08	[illegible]	.8706E-08	.8677E-08

90. -90.

.8643E-08 .8517E-08

Number of Data Values: 612

Mean Value: .8566E-08

ORIGINAL OF POOR QUALITY

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JUL.AN: 2440667. TIME: 1400Z ALTITUDE(KM): 200.0
F10: 150.00 F10B: 150.00 G1: 15.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30	-20	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10	20.	30	40	50	60	70	80
0.	.3419E-09	.3407E-09	.3549E-09	.3604E-09	.3651E-09	.3688E-09	.3715E-09	.3732E-09	.3737E-09	.3732E-09	.3715E-09	.3688E-09	.3651E-09	.3604E-09	[illegible]	.3486E-09	[illegible]
10.	.3418E-09	.3405E-09	.3546E-09	.3601E-09	.3648E-09	.3684E-09	.3711E-09	.3728E-09	.3733E-09	.3727E-09	.3711E-09	.3684E-09	.3647E-09	.3601E-09	[illegible]	.3484E-09	[illegible]
20.	.3414E-09	.3477E-09	.3536E-09	.3588E-09	.3633E-09	.3668E-09	.3694E-09	.3710E-09	.3715E-09	.3710E-09	.3694E-09	.3668E-09	.3632E-09	.3586E-09	[illegible]	.3476E-09	[illegible]
30.	.3407E-09	.3465E-09	.3518E-09	.3566E-09	.3608E-09	.3641E-09	.3666E-09	.3681E-09	.3686E-09	.3681E-09	.3665E-09	.3641E-09	.3607E-09	.3566E-09	[illegible]	.3464E-09	[illegible]
40.	.3398E-09	.3447E-09	.3494E-09	.3537E-09	.3574E-09	.3604E-09	.3627E-09	.3640E-09	.3645E-09	.3640E-09	.3626E-09	.3604E-09	.3573E-09	.3536E-09	[illegible]	.3447E-09	[illegible]
50.	.3388E-09	.3427E-09	.3465E-09	.3501E-09	.3532E-09	.3559E-09	.3578E-09	.3591E-09	.3595E-09	.3591E-09	.3578E-09	.3558E-09	.3532E-09	.3500E-09	[illegible]	.3426E-09	[illegible]
60.	.3376E-09	.3404E-09	.3433E-09	.3460E-09	.3485E-09	.3506E-09	.3523E-09	.3534E-09	.3538E-09	.3534E-09	.3523E-09	.3506E-09	.3485E-09	.3459E-09	[illegible]	.3403E-09	[illegible]
70.	.3363E-09	.3380E-09	.3397E-09	.3416E-09	.3434E-09	.3449E-09	.3462E-09	.3471E-09	.3474E-09	.3471E-09	.3462E-0	.3449E-09	.3433E-09	.3415E-09	[illegible]	.3379E-09	[illegible]
80.	.3350E-09	.3354E-09	.3361E-09	.3370E-09	.3380E-09	.3390E-09	.3399E-09	.3405E-09	.3408E-09	.3405E-09	.3398E-09	.3389E-09	.3379E-09	.3369E-09	[illegible]	.3354E-09	[illegible]
90.	.3338E-09	.3336E-09	.3325E-09	.3324E-09	.3326E-09	.3329E-09	.3334E-09	.3338E-09	.3340E-09	.3338E-09	.3334E-09	.3339E-09	.3325E-09	.3323E-09	[illegible]	.3329E-09	[illegible]
100	.3326E-09	.3306E-09	.3291E-09	.3280E-09	.3273E-09	.3270E-09	.3270E-09	.3272E-09	.3273E-09	.3272E-09	.3270E-09	.3270E-09	.3273E-09	.3279E-09	[illegible]	.3305E-09	[illegible]
110.	.3315E-09	.3284E-09	.3258E-09	.3238E-09	.3224E-09	.3215E-09	.3211E-09	.3210E-09	.3210E-09	.3210E-09	.3210E-09	.3214E-09	.3227E-09	.3238E-09	[illegible]	.3283E-09	[illegible]
120.	.3305E-09	.3263E-09	.3230E-09	.3201E-09	.3179E-09	.3165E-09	.3156E-09	.3153E-09	.3153E-09	.3153E-09	.3156E-09	.3164E-09	.3179E-09	.3200E-09	[illegible]	.3264E-09	[illegible]
130.	.3297E-09	.3248E-09	.3205E-09	.3169E-09	.3141E-09	.3121E-09	.3109E-09	.3104E-09	.3104E-09	.3104E-09	.3109E-09	.3121E-09	.3140E-09	.3168E-09	[illegible]	.3247E-09	[illegible]
140.	.3290E-09	.3235E-09	.3185E-09	.3143E-09	.3109E-09	.3085E-09	.3071E-09	.3064E-09	.3063E-09	.3064E-09	.3071E-09	.3085E-09	.3109E-09	.3142E-09	[illegible]	.3234E-09	[illegible]
150.	.3285E-09	.3225E-09	.3170E-09	.3123E-09	.3085E-09	.3058E-09	.3041E-09	.3033E-09	.3032E-09	.3033E-09	.3041E-09	.3058E-09	.3085E-09	.3122E-09	[illegible]	.3224E-09	[illegible]
160.	.3282E-09	.3218E-09	.3159E-09	.3109E-09	.3069E-09	.3039E-09	.3021E-09	.3012E-09	.3010E-09	.3012E-09	.3021E-09	.3039E-09	.3068E-09	.3108E-09	[illegible]	.3217E-09	[illegible]
170.	.3280E-09	.3213E-09	.3153E-09	.3101E-09	.3059E-09	.3028E-09	.3009E-09	.2999E-09	.2997E-09	.2999E-09	.3009E-09	.3028E-09	.3058E-09	.3100E-09	[illegible]	.3213E-09	[illegible]
180.	.3279E-09	.3212E-09	.3150E-09	.3097E-09	.3054E-09	.3023E-09	.3003E-09	.2993E-09	.2991E-09	.2993E-09	.3003E-09	.3023E-09	.3054E-09	.3097E-09	[illegible]	.3211E-09	[illegible]
190.	.3279E-09	.3211E-09	.3149E-09	.3096E-09	.3053E-09	.3022E-09	.3002E-09	.2992E-09	.2990E-09	.2992E-09	.3002E-09	.3021E-09	.3053E-09	.3096E-09	[illegible]	.3210E-09	[illegible]
200.	.3279E-09	.3211E-09	.3150E-09	.3096E-09	.3053E-09	.3022E-09	.3002E-09	.2992E-09	.2990E-09	.2992E-09	.3002E-09	.3022E-09	.3053E-09	.3096E-09	[illegible]	.3210E-09	[illegible]
210.	.3279E-09	.3212E-09	.3151E-09	.3098E-09	.3055E-09	.3024E-09	.3004E-09	.2995E-09	.2993E-09	.2995E-09	.3004E-09	.3024E-09	.3055E-09	.3097E-09	[illegible]	.3211E-09	[illegible]
220.	.3280E-09	.3215E-09	.3155E-09	.3103E-09	.3062E-09	.3032E-09	.3013E-09	.3003E-09	.3001E-09	.3003E-09	.3012E-09	.3031E-09	.3062E-09	.3103E-09	[illegible]	.3214E-09	[illegible]
230.	.3283E-09	.3221E-09	.3164E-09	.3115E-09	.3076E-09	.3048E-09	.3030E-09	.3022E-09	.3020E-09	.3022E-09	.3030E-09	.3048E-09	.3076E-09	.3115E-09	[illegible]	.3220E-09	[illegible]
240.	.3288E-09	.3231E-09	.3179E-09	.3135E-09	.3100E-09	.3075E-09	.3060E-09	.3053E-09	.3051E-09	.3053E-09	.3060E-09	.3075E-09	.3100E-09	.3135E-09	[illegible]	.3230E-09	[illegible]
250.	.3296E-09	.3246E-09	.3202E-09	.3164E-09	.3135E-09	.3115E-09	.3103E-09	.3098E-09	.3097E-09	.3098E-09	.3103E-09	.3115E-09	.3135E-09	.3164E-09	[illegible]	.3245E-09	[illegible]
260.	.3306E-09	.3266E-09	.3231E-09	.3203E-09	.3181E-09	.3167E-09	.3159E-09	.3156E-09	.3156E-09	.3156E-09	.3159E-09	.3167E-09	.3181E-09	.3202E-09	[illegible]	.3265E-09	[illegible]
270.	.3318E-09	.3290E-09	.3267E-09	.3249E-09	.3237E-09	.3230E-09	.3227E-09	.3227E-09	.3228E-09	.3227E-09	.3227E-09	.3230E-09	.3237E-09	.3249E-09	[illegible]	.3269E-09	[illegible]
280.	.3332E-09	.3310E-09	.3300E-09	.3302E-09	.3300E-09	.3300E-09	.3302E-09	.3305E-09	.3307E-09	.3305E-09	.3302E-09	.3300E-09	.3299E-09	.3301E-09	[illegible]	.3317E-09	[illegible]
290.	.3347E-09	.3348E-09	.3352E-09	.3358E-09	.3365E-09	.3374E-09	.3381E-09	.3387E-09	.3390E-09	.3387E-09	.3381E-09	.3373E-09	.3365E-09	.3357E-09	[illegible]	.3347E-09	[illegible]
300.	.3362E-09	.3378E-09	.3396E-09	.3413E-09	.3431E-09	.3446E-09	.3459E-09	.3468E-09	.3471E-09	.3468E-09	.3459E-09	.3446E-09	.3430E-09	.3413E-09	[illegible]	.3378E-09	[illegible]
310.	.3377E-09	.3407E-09	.3437E-09	.3466E-09	.3492E-09	.3514E-09	.3531E-09	.3542E-09	.3546E-09	.3542E-09	.3531E-09	.3514E-09	.3491E-09	.3465E-09	[illegible]	.3407E-09	[illegible]
320.	.3391E-09	.3433E-09	.3474E-09	.3512E-09	.3546E-09	.3573E-09	.3594E-09	.3607E-09	.3611E-09	.3607E-09	.3593E-09	.3573E-09	.3545E-09	.3512E-09	[illegible]	.3433E-09	[illegible]
330.	.3403E-09	.3455E-09	.3505E-09	.3550E-09	.3589E-09	.3621E-09	.3645E-09	.3659E-09	.3664E-09	.3659E-09	.3644E-09	.3621E-09	.3589E-09	.3550E-09	[illegible]	.3455E-09	[illegible]
340.	.3411E-09	.3472E-09	.3528E-09	.3579E-09	.3622E-09	.3657E-09	.3682E-09	.3698E-09	.3703E-09	.3698E-09	.3682E-09	.3656E-09	.3622E-09	.3578E-09	[illegible]	.3471E-09	[illegible]
350.	.3417E-09	.3482E-09	.3543E-09	.3597E-09	.3643E-09	.3679E-09	.3706E-09	.3722E-09	.3727E-09	.3722E-09	.3706E-09	.3679E-09	.3642E-09	.3596E-09	[illegible]	.3482E-09	[illegible]

90. -90.

.3348E-09 .3349E-09

Number of Data Values: 612

Mean Value: .3523E-09

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE. MMR 21 1970 JULIAN: 2440667. TIME: 14002 ALTITUDE(KM): 230.0
F10 150 00 F10B: 150 00 GI. 15.00 (1-KP OR 2-AP): 2

LON (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80	-70	-60.	-50.	-40	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0	1507E-09	.1551E-09	.1593E-09	.1631E-09	.1670E-09	1689E-09	.1708E-09	.1719E-09	.1723E-09	.1719E-09	.1707E-09	.1688E-09	.1663E-09	.1630E-09	1593E-09	.1551E-09	.1506E-09
10	1506E-09	.1550E-09	.1591E-09	.1629E-09	1660E-09	.1686E-09	.1705E-09	.1716E-09	.1720E-09	.1716E-09	.1705E-09	.1686E-09	.1660E-09	.1628E-09	.1591E-09	.1550E-09	.1506E-09
20	.1504E-09	.1545E-09	.1584E-09	.1620E-09	.1650E-09	.1675E-09	.1693E-09	.1704E-09	.1708E-09	.1704E-09	.1693E-09	.1675E-09	.1650E-09	.1619E-09	.1584E-09	.1545E-09	.1502E-09
30	.1499E-09	.1537E-09	.1572E-09	.1605E-09	.1633E-09	.1656E-09	.1673E-09	1683E-09	.1687E-09	.1683E-09	.1673E-09	.1656E-09	.1633E-09	.1605E-09	.1572E-09	.1536E-09	.1499E-09
40	.1493E-09	.1525E-09	.1556E-09	.1585E-09	.1610E-09	.1631E-09	.1646E-09	.1655E-09	.1659E-09	.1655E-09	.1646E-09	.1630E-09	.1610E-09	.1585E-09	.1556E-09	.1525E-09	.1493E-09
50	.1486E-09	.1512E-09	.1537E-09	.1561E-09	1582E-09	.1600E-09	.1613E-09	.1622E-09	.1624E-09	.1621E-09	.1613E-09	.1599E-09	.1582E-09	.1560E-09	.1537E-09	.1512E-09	.1486E-09
60	.1479E-09	.1497E-09	1516E-09	1534E-09	1550E-09	.1565E-09	.1576E-09	.1583E-09	.1585E-09	.1583E-09	.1575E-09	.1564E-09	.1550E-09	.1533E-09	.1515E-09	.1496E-09	.1478E-09
70	.1470E-09	.1481E-09	.1493E-09	.1505E-09	.1516E-09	.1527E-09	.1535E-09	.1541E-09	.1543E-09	.1541E-09	.1535E-09	.1527E-09	.1516E-09	.1504E-09	.1492E-09	.1481E-09	.1470E-09
80	.1462E-09	.1465E-09	.1469E-09	.1475E-09	.1481E-09	.1488E-09	.1493E-09	.1498E-09	.1499E-09	.1498E-09	.1493E-09	.1487E-09	.1481E-09	.1474E-09	.1469E-09	.1464E-09	.1462E-09
90	.1454E-09	.1449E-09	.1446E-09	.1445E-09	.1446E-09	.1449E-09	.1451E-09	.1454E-09	.1455E-09	.1454E-09	.1451E-09	.1448E-09	.1446E-09	.1445E-09	.1446E-09	.1450E-09	.1452E-09
100	.1446E-09	.1432E-09	.1442E-09	.1435E-09	.1431E-09	.1429E-09	.1429E-09	.1430E-09	.1431E-09	.1430E-09	.1429E-09	.1429E-09	.1430E-09	.1434E-09	.1441E-09	.1451E-09	.1446E-09
110	.1439E-09	.1430E-09	1403E-09	.1391E-09	.1382E-09	.1376E-09	.1373E-09	.1373E-09	.1373E-09	.1373E-09	.1373E-09	.1376E-09	.1381E-09	.1390E-09	.1403E-09	.1437E-09	.1439E-09
120	.1451E-09	.1425E-09	.1385E-09	.1367E-09	.1354E-09	.1345E-09	.1340E-09	.1338E-09	.1338L-09	.1338E-09	.1340E-09	.1344E-09	.1353E-09	.1367E-09	.1385E-09	.1425E-09	.1451E-09
130	.1466E-09	.1397E-09	.1370E-09	.1347E-09	.1330E-09	.1319E-09	.1311E-09	1308E-09	.1307E-09	1308E-09	.1311E-09	.1318E-09	.1330E-09	.1347E-09	.1369E-09	.1397E-09	.1445E-09
140	.1442E-09	.1389E-09	.1357E-09	.1331E-09	.1311E-09	.1296E-09	.1287E-09	.1283E-09	.1283E-09	.1283E-09	.1287E-09	.1296E-09	.1310E-09	.1331E-09	.1357E-09	.1390E-09	.1441E-09
150	.1438E-09	.1382E-09	.1348E-09	1319E-09	.1296E-09	.1280E-09	.1269E-09	.1265E-09	.1264E-09	.1265E-09	.1269E-09	.1279E-09	.1296E-09	.1319E-09	.1340E-09	.1382E-09	.1438E-09
160	.1436E-09	.1378E-09	.1341E-09	.1311E-09	.1286E-09	.1268E-09	.1257E-09	.1252E-09	.1251E-09	.1252E-09	.1257E-09	.1268E-09	.1286E-09	.1310E-09	.1341E-09	.1377E-09	.1436E-09
170	.1435E-09	.1375E-09	.1338E-09	.1306E-09	.1280E-09	.1261E-09	.1250E-09	.1244E-09	.1243E-09	.1244E-09	.1250E-09	.1261E-09	.1280E-09	.1305E-09	.1337E-09	.1375E-09	.1434E-09
180	.1434E-09	.1374E-09	.1336E-09	.1303E-09	.1277E-09	.1258E-09	.1246E-09	.1241E-09	.1239E-09	.1241E-09	.1246E-09	.1258E-09	.1277E-09	.1303E-09	.1335E-09	.1374E-09	.1434E-09
190	.1434E-09	.1374E-09	.1335E-09	.1303E-09	.1277E-09	.1258E-09	.1246E-09	.1240E-09	.1239E-09	.1240E-09	.1246E-09	.1257E-09	.1276E-09	.1302E-09	.1335E-09	.1373E-09	.1434E-09
200	.1434E-09	.1374E-09	.1335E-09	.1303E-09	1277E-09	.1258E-09	.1246E-09	.1240E-09	.1239E-09	.1240E-09	.1246E-09	.1258E-09	.1276E-09	.1302E-09	.1335E-09	.1373E-09	.1434E-09
210	.1434E-09	.1374E-09	1336E-09	.1304E-09	.1278E-09	.1259E-09	.1247E-09	.1241E-09	.1240E-09	.1241E-09	.1247E-09	.1259E-09	.1278E-09	.1303E-09	.1336E-09	.1374E-09	.1434E-09
220	.1435E-09	.1376E-09	.1339E-09	1307E-09	.1282E-09	.1264E-09	.1252E-09	.1247E-09	.1245E-09	.1247E-09	.1252E-09	.1263E-09	.1282E-09	.1307E-09	.1338E-09	.1376E-09	.1435E-09
230	.1437E-09	.1380E-09	.1344E-09	.1314E-09	.1291E-09	.1273E-09	.1263E-09	.1258E-09	.1257E-09	.1258E-09	.1263E-09	.1273E-09	.1290E-09	.1314E-09	.1344E-09	.1379E-09	.1437E-09
240.	.1440E-09	.1386E-09	.1354E-09	.1327E-09	.1305E-09	.1290E-09	.1281E-09	.1276E-09	.1276E-09	.1276E-09	.1281E-09	.1290E-09	.1305E-09	.1326E-09	.1353E-09	.1386E-09	.1440E-09
250	.1445E-09	.1396E-09	.1368E-09	.1345E-09	.1327E-09	.1314E-09	.1307E-09	.1304E-09	.1303E-09	.1304E-09	.1307E-09	.1314E-09	.1326E-09	.1344E-09	.1367E-09	.1395E-09	.1445E-09
260	.1452E-09	.1426E-09	.1386E-09	.1369E-09	.1355E-09	.1346E-09	.1341E-09	1340E-09	.1340E-09	.1340E-09	.1341E-09	.1346E-09	.1355E-09	.1368E-09	.1386E-09	.1425E-09	.1451E-09
270	.1441E-09	.1442E-09	.1427E-09	.1390E-09	.1390E-09	.1385E-09	.1384E-09	.1384E-09	.1384E-09	.1384E-09	.1383E-09	.1385E-09	.1390E-09	.1397E-09	.1426E-09	.1441E-09	.1441E-09
280	.1450E-09	.1441E-09	.1435E-09	.1443E-09	.1448E-09	.1449E-09	.1450E-09	.1451E-09	.1434E-09	.1451E-09	.1449E-09	.1448E-09	.1447E-09	.1449E-09	.1435E-09	.1441E-09	.1450E-09
290	.1460E-09	.1461E-09	1463E-09	.1467E-09	.1472E-09	.1477E-09	.1482E-09	.1486E-09	.1488E-09	.1486E-09	.1482E-09	.1477E-09	.1472E-09	.1467E-09	.1463E-09	.1460E-09	.1459E-09
300	.1470E-09	.1480E-09	.1491E-09	.1503E-09	.1514E-09	.1525E-09	.1533E-09	.1539E-09	.1541E-09	.1539E-09	.1533E-09	.1524E-09	.1514E-09	.1503E-09	.1491E-09	.1480E-09	.1469E-09
310	.1480E-09	1499E-09	1519E-09	.1538E-09	.1555E-09	.1570E-09	.1581E-09	.1588E-09	.1591E-09	.1588E-09	.1581E-09	.1569E-09	.1555E-09	.1537E-09	.1518E-09	.1499E-09	.1479E-09
320	.1489E-09	.1516E-09	.1543E-09	.1569E-09	.1591E-09	.1609E-09	.1623E-09	.1632E-09	.1635E-09	.1632E-09	.1623E-09	.1609E-09	.1591E-09	.1568E-09	.1543E-09	.1516E-09	.1488E-09
330	.1496E-09	.1531E-09	.1564E-09	1594E-09	.1621E-09	.1642E-09	.1658E-09	1668E-09	.1672E-09	.1668E-09	.1658E-09	.1642E-09	.1628E-09	.1594E-09	.1563E-09	.1530E-09	.1495E-09
340	.1502E-09	.1542E-09	.1579E-09	.1613E-09	.1643E-09	.1667E-09	.1684E-09	.1695E-09	.1699E-09	.1695E-09	.1684E-09	.1667E-09	.1643E-09	.1613E-09	.1579E-09	.1541E-09	.1501E-09
350	.1505E-09	.1549E-09	.1589E-09	.1626E-09	.1657E-09	.1682E-09	.1701E-09	.1712E-09	.1716E-09	.1712E-09	.1701E-09	.1682E-09	.1657E-09	.1625E-09	.1589E-09	.1548E-09	.1505E-09

90. -90.

.1461E-09 .1461E-09

Number of Data Values: 612

Mean Value: .1449E-09

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 250.0
F10: 150.00 F10B: 150.00 GI: 15.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70	80
0.	.9277E-10	.9613E-10	.9930E-10	.1022E-09	.1047E-09	.1067E-09	.1082E-09	.1091E-09	.1094E-09	.1091E-09	.1081E-09	.1067E-09	.1046E-09	.1022E-09	.9927E-10	.9609E-10	.9273E-10
10.	.9272E-10	.9603E-10	.9917E-10	.1020E-09	.1045E-09	.1065E-09	.1079E-09	.1088E-09	.1091E-09	.1088E-09	.1079E-09	.1065E-09	.1045E-09	.1020E-09	.9914E-10	.9600E-10	.9269E-10
20.	.9253E-10	.9565E-10	.9863E-10	.1013E-09	.1037E-09	.1056E-09	.1070E-09	.1079E-09	.1082E-09	.1079E-09	.1070E-09	.1056E-09	.1037E-09	.1013E-09	.9860E-10	.9562E-10	.9249E-10
30.	.9220E-10	.9582E-10	.9772E-10	.1002E-09	.1024E-09	.1041E-09	.1055E-09	.1063E-09	.1065E-09	.1063E-09	.1054E-09	.1041E-09	.1023E-09	.1002E-09	.9769E-10	.9498E-10	.9216E-10
40.	.9176E-10	.9417E-10	.9651E-10	.9868E-10	.1006E-09	.1022E-09	.1034E-09	.1041E-09	.1044E-09	.1041E-09	.1033E-09	.1022E-09	.1006E-09	.9865E-10	.9647E-10	.9414E-10	.9172E-10
50.	.9124E-10	.9316E-10	.9506E-10	.9684E-10	.9845E-10	.9980E-10	.1008E-09	.1015E-09	.1017E-09	.1015E-09	.1008E-09	.9978E-10	.9843E-10	.9682E-10	.9502E-10	.9312E-10	.9120E-10
60.	.9066E-10	.9203E-10	.9343E-10	.9479E-10	.9605E-10	.9713E-10	.9797E-10	.9852E-10	.9872E-10	.9851E-10	.9796E-10	.9711E-10	.9602E-10	.9476E-10	.9340E-10	.9208E-10	.9062E-10
70.	.9005E-10	.9084E-10	.9171E-10	.9261E-10	.9348E-10	.9427E-10	.9491E-10	.9535E-10	.9551E-10	.9534E-10	.9490E-10	.9425E-10	.9346E-10	.9258E-10	.9168E-10	.9081E-10	.9001E-10
80.	.8943E-10	.8964E-10	.8996E-10	.9038E-10	.9085E-10	.9133E-10	.9176E-10	.9208E-10	.9221E-10	.9206E-10	.9175E-10	.9132E-10	.9085E-10	.9035E-10	.8993E-10	.8960E-10	.8940E-10
90.	.8883E-10	.8845E-10	.8824E-10	.8819E-10	.8826E-10	.8843E-10	.8865E-10	.8885E-10	.8894E-10	.8884E-10	.8864E-10	.8842E-10	.8824E-10	.8816E-10	.8821E-10	.8842E-10	.8879E-10
100.	.8826E-10	.8733E-10	.8661E-10	.8610E-10	.8579E-10	.8566E-10	.8567E-10	.8575E-10	.8581E-10	.8574E-10	.8566E-10	.8565E-10	.8577E-10	.8607E-10	.8658E-10	.8734E-10	.8823E-10
110.	.8774E-10	.8631E-10	.8511E-10	.8410E-10	.8351E-10	.8311E-10	.8292E-10	.8289E-10	.8291E-10	.8288E-10	.8291E-10	.8309E-10	.8349E-10	.8415E-10	.8508E-10	.8628E-10	.8771E-10
120.	.8729E-10	.8540E-10	.8379E-10	.8247E-10	.8149E-10	.8084E-10	.8048E-10	.8034E-10	.8034E-10	.8034E-10	.8047E-10	.8082E-10	.8147E-10	.8245E-10	.8376E-10	.8537E-10	.8725E-10
130.	.8690E-10	.8464E-10	.8266E-10	.8103E-10	.7978E-10	.7891E-10	.7839E-10	.7818E-10	.7814E-10	.7817E-10	.7839E-10	.7889E-10	.7976E-10	.8100E-10	.8263E-10	.8461E-10	.8686E-10
140.	.8659E-10	.8402E-10	.8175E-10	.7986E-10	.7839E-10	.7735E-10	.7671E-10	.7643E-10	.7637E-10	.7642E-10	.7670E-10	.7733E-10	.7837E-10	.7984E-10	.8173E-10	.8399E-10	.8655E-10
150.	.8636E-10	.8356E-10	.8107E-10	.7898E-10	.7734E-10	.7617E-10	.7544E-10	.7510E-10	.7503E-10	.7510E-10	.7543E-10	.7616E-10	.7732E-10	.7896E-10	.8104E-10	.8352E-10	.8631E-10
160.	.8620E-10	.8324E-10	.8060E-10	.7838E-10	.7662E-10	.7536E-10	.7457E-10	.7420E-10	.7412E-10	.7419E-10	.7456E-10	.7535E-10	.7660E-10	.7835E-10	.8057E-10	.8320E-10	.8616E-10
170.	.8610E-10	.8305E-10	.8032E-10	.7802E-10	.7620E-10	.7488E-10	.7405E-10	.7365E-10	.7357E-10	.7365E-10	.7404E-10	.7487E-10	.7618E-10	.7800E-10	.8030E-10	.8302E-10	.8607E-10
180.	.8606E-10	.8296E-10	.8020E-10	.7785E-10	.7600E-10	.7466E-10	.7381E-10	.7341E-10	.7332E-10	.7341E-10	.7381E-10	.7465E-10	.7598E-10	.7783E-10	.8017E-10	.8293E-10	.8602E-10
190.	.8605E-10	.8294E-10	.8016E-10	.7781E-10	.7595E-10	.7460E-10	.7376E-10	.7335E-10	.7326E-10	.7334E-10	.7375E-10	.7459E-10	.7593E-10	.7779E-10	.8014E-10	.8291E-10	.8601E-10
200.	.8605E-10	.8294E-10	.8017E-10	.7782E-10	.7596E-10	.7461E-10	.7376E-10	.7335E-10	.7326E-10	.7335E-10	.7375E-10	.7460E-10	.7594E-10	.7779E-10	.8014E-10	.8291E-10	.8601E-10
210.	.8607E-10	.8298E-10	.8022E-10	.7789E-10	.7604E-10	.7470E-10	.7386E-10	.7346E-10	.7337E-10	.7346E-10	.7386E-10	.7469E-10	.7602E-10	.7787E-10	.8019E-10	.8295E-10	.8603E-10
220.	.8613E-10	.8311E-10	.8041E-10	.7813E-10	.7633E-10	.7503E-10	.7422E-10	.7383E-10	.7374E-10	.7382E-10	.7421E-10	.7502E-10	.7631E-10	.7811E-10	.8038E-10	.8308E-10	.8610E-10
230.	.8627E-10	.8338E-10	.8082E-10	.7865E-10	.7695E-10	.7573E-10	.7497E-10	.7461E-10	.7453E-10	.7461E-10	.7496E-10	.7571E-10	.7693E-10	.7863E-10	.8079E-10	.8335E-10	.8623E-10
240.	.8650E-10	.8385E-10	.8150E-10	.7953E-10	.7800E-10	.7691E-10	.7624E-10	.7593E-10	.7587E-10	.7593E-10	.7623E-10	.7689E-10	.7798E-10	.7951E-10	.8147E-10	.8382E-10	.8647E-10
250.	.8685E-10	.8453E-10	.8251E-10	.8083E-10	.7954E-10	.7864E-10	.7811E-10	.7788E-10	.7785E-10	.7788E-10	.7810E-10	.7863E-10	.7952E-10	.8081E-10	.8248E-10	.8456E-10	.8691E-10
260.	.8731E-10	.8545E-10	.8386E-10	.8256E-10	.8168E-10	.8096E-10	.8060E-10	.8048E-10	.8047E-10	.8047E-10	.8060E-10	.8094E-10	.8159E-10	.8254E-10	.8383E-10	.8542E-10	.8727E-10
270.	.8788E-10	.8659E-10	.8552E-10	.8469E-10	.8413E-10	.8380E-10	.8366E-10	.8366E-10	.8369E-10	.8366E-10	.8365E-10	.8378E-10	.8411E-10	.8467E-10	.8549E-10	.8655E-10	.8785E-10
280.	.8855E-10	.8790E-10	.8743E-10	.8715E-10	.8703E-10	.8705E-10	.8717E-10	.8731E-10	.8738E-10	.8730E-10	.8716E-10	.8704E-10	.8701E-10	.8712E-10	.8740E-10	.8786E-10	.8851E-10
290.	.8927E-10	.8932E-10	.8950E-10	.8980E-10	.9016E-10	.9056E-10	.9093E-10	.9122E-10	.9134E-10	.9121E-10	.9092E-10	.9054E-10	.9014E-10	.8977E-10	.8947E-10	.8928E-10	.8923E-10
300.	.9002E-10	.9070E-10	.9162E-10	.9249E-10	.9334E-10	.9412E-10	.9475E-10	.9518E-10	.9534E-10	.9517E-10	.9474E-10	.9410E-10	.9332E-10	.9247E-10	.9159E-10	.9075E-10	.8998E-10
310.	.9074E-10	.9219E-10	.9367E-10	.9509E-10	.9639E-10	.9751E-10	.9838E-10	.9895E-10	.9915E-10	.9894E-10	.9837E-10	.9749E-10	.9637E-10	.9506E-10	.9363E-10	.9216E-10	.9070E-10
320.	.9140E-10	.9348E-10	.9551E-10	.9742E-10	.9913E-10	.1005E-09	.1016E-09	.1023E-09	.1025E-09	.1023E-09	.1016E-09	.1005E-09	.9910E-10	.9739E-10	.9548E-10	.9344E-10	.9136E-10
330.	.9196E-10	.9456E-10	.9707E-10	.9938E-10	.1014E-09	.1031E-09	.1043E-09	.1051E-09	.1054E-09	.1051E-09	.1043E-09	.1031E-09	.1014E-09	.9935E-10	.9703E-10	.9452E-10	.9192E-10
340.	.9239E-10	.9539E-10	.9824E-10	.1009E-09	.1031E-09	.1050E-09	.1063E-09	.1072E-09	.1075E-09	.1072E-09	.1063E-09	.1050E-09	.1031E-09	.1008E-09	.9821E-10	.9535E-10	.9235E-10
350.	.9266E-10	.9591E-10	.9908E-10	.1018E-09	.1042E-09	.1062E-09	.1076E-09	.1085E-09	.1088E-09	.1085E-09	.1076E-09	.1062E-09	.1042E-09	.1018E-09	.9896E-10	.9587E-10	.9262E-10

90. -90.

.8933E-10 .8937E-10

Number of Data Values: 612

Mean Value: .9850E-10

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 275.0
F10: 150.00 F10B: 150.00 G1: 15.00 (1-KP OR 2-AP) 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50	-40.	-30	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20	30.	40	50	60	70	80
0.	.5314E-10	.5549E-10	.5773E-10	.5979E-10	.6158E-10	.6305E-10	.6412E-10	.6479E-10	.6501E-10	.6478E-10	.6411E-10	6303E-10	.6157E-10	5977E-10	[illegible]	.5546E-10	5312E-10
10.	.5311E-10	.5542E-10	.5764E-10	.5967E-10	.6145E-10	.6289E-10	.6396E-10	6462E-10	.6484E-10	.6461E-10	.6395E-10	6288E-10	6143E-10	5965E-10	[illegible]	5540E-10	5308E-10
20.	.5297E-10	.5516E-10	.5726E-10	.5919E-10	.6088E-10	6226E-10	.6329E-10	6392E-10	.6413E-10	.6391E-10	.6328E-10	6225E-10	6086E-10	5917E-10	[illegible]	5513E-10	5285E-10
30.	.5274E-10	.5471E-10	.5661E-10	.5838E-10	.5992E-10	.6120E-10	.6215E-10	.6274E-10	.6294E-10	.6274E-10	.6214E-10	6119E-10	5991E-10	5835E-10	[illegible]	5469E-10	5272E-10
40.	.5244E-10	.5412E-10	.5576E-10	.5729E-10	.5865E-10	.5978E-10	.6064E-10	6117E-10	.6136E-10	.6117E-10	.6063E-10	.5977E-10	5863E-10	5727E-10	[illegible]	5409E-10	5241E-10
50.	.5208E-10	.5341E-10	.5474E-10	.5600E-10	.5713E-10	5809E-10	.5882E-10	5929E-10	.5945E-10	.5928E-10	.5881E-10	5807E-10	5711E-10	5597E-10	[illegible]	5339E-10	5205E-10
60	.5168E-10	.5263E-10	.5360E-10	.5455E-10	5543E-10	.5619E-10	.5679E-10	.5718E-10	.5732E-10	.5717E-10	.5678E-10	.5618E-10	.5542E-10	.5453E-10	[illegible]	.5261E-10	5165E-10
70.	.5126E-10	.5181E-10	.5241E-10	.5303E-10	.5364E-10	.5419E-10	.5464E-10	.5494E-10	.5506E-10	5494E-10	.5463E-10	.5417E-10	5362E-10	5301E-10	[illegible]	.5178E-10	5123E-10
80.	.5083E-10	.5097E-10	.5120E-10	.5149E-10	.5181E-10	.5215E-10	.5244E-10	.5266E-10	.5275E-10	5266E-10	5244E-10	.5213E-10	5180E-10	.5147E-10	[illegible]	5095E-10	5081E-10
90.	.5042E-10	.5016E-10	.5002E-10	.4998E-10	.5003E-10	.5015E-10	5030E-10	.5043E-10	.5050E-10	.5043E-10	.5029E-10	.5014E-10	.5002E-10	.4996E-10	[illegible]	5014E-10	5040E-10
100.	.5003E-10	.4940E-10	.4890E-10	.4855E-10	.4835E-10	.4826E-10	.4926E-10	4832E-10	.4836E-10	.4831E-10	.4826E-10	.4825E-10	.4833E-10	4854E-10	[illegible]	4937E-10	.5001E-10
110	.4960E-10	.4870E-10	.4780E-10	.4725E-10	.4680E-10	.4653E-10	.4641E-10	.4638E-10	4640E-10	4638E-10	4640E-10	.4652E-10	4679E-10	.4724E-10	[illegible]	4866E-10	4965E-10
120.	.4936E-10	.4808E-10	.4699E-10	.4611E-10	.4545E-10	.4501E-10	.4477E-10	.4468E-10	.4468E-10	.4468E-10	.4476E-10	.4500E-10	4543E-10	.4609E-10	[illegible]	.4806E-10	.4944E-10
130.	.4910E-10	.4756E-10	.4623E-10	.4514E-10	.4430E-10	.4372E-10	.4338E-10	.4324E-10	.4322E-10	.4324E-10	4338E-10	.4371E-10	.4429E-10	.4512E-10	[illegible]	4754E-10	.4908E-10
140.	.4889E-10	.4715E-10	.4562E-10	.4436E-10	.4338E-10	4269E-10	.4227E-10	4209E-10	.4205E-10	.4208E-10	4227E-10	.4268E-10	.4337E-10	.4434E-10	[illegible]	4713E-10	.4887E-10
150	.4873E-10	.4683E-10	.4517E-10	.4377E-10	.4269E-10	.4192E-10	.4144E-10	.4122E-10	.4117E-10	.4122E-10	.4144E-10	.4191E-10	.4268E-10	.4376E-10	[illegible]	.4681E-10	.4871E-10
160.	.4862E-10	.4662E-10	.4485E-10	.4337E-10	.4222E-10	.4139E-10	.4087E-10	.4062E-10	.4057E-10	.4062E-10	.4086E-10	.4138E-10	.4220E-10	.4336E-10	[illegible]	4660E-10	.4860E-10
170.	.4856E-10	.4649E-10	.4467E-10	.4314E-10	.4193E-10	.4107E-10	.4053E-10	.4027E-10	.4022E-10	.4027E-10	.4053E-10	4106E-10	4192E-10	.4312E-10	[illegible]	.4647E-10	.4853E-10
180.	.4853E-10	.4643E-10	.4458E-10	.4303E-10	.4181E-10	.4093E-10	.4038E-10	.4011E-10	.4005E-10	.4011E-10	.4037E-10	.4092E-10	.4179E-10	.4301E-10	[illegible]	4641E-10	.4850E-10
190.	.4852E-10	.4642E-10	.4456E-10	.4300E-10	.4177E-10	.4089E-10	.4034E-10	.4007E-10	.4001E-10	.4007E-10	.4033E-10	.4088E-10	.4176E-10	.4299E-10	[illegible]	.4640E-10	.4850E-10
200.	.4852E-10	.4642E-10	.4456E-10	.4300E-10	.4176E-10	.4089E-10	.4034E-10	.4007E-10	.4002E-10	.4007E-10	.4034E-10	.4089E-10	.4177E-10	.4299E-10	[illegible]	4640E-10	.4850E-10
210	.4853E-10	.4645E-10	.4460E-10	.4305E-10	.4183E-10	.4096E-10	.4041E-10	.4014E-10	.4009E-10	.4014E-10	.4040E-10	4095E-10	.4182E-10	.4304E-10	[illegible]	.4642E-10	.4851E-10
220	.4858E-10	.4653E-10	.4473E-10	.4321E-10	4202E-10	.4117E-10	.4064E-10	.4038E-10	.4033E-10	.4038E-10	.4063E-10	.4116E-10	4201E-10	.4320E-10	[illegible]	4651E-10	.4855E-10
230	.4867E-10	.4672E-10	.4500E-10	.4356E-10	.4243E-10	.4163E-10	.4113E-10	.4089E-10	.4085E-10	4089E-10	.4112E-10	.4162E-10	.4242E-10	.4354E-10	[illegible]	.4669E-10	.4865E-10
240	.4883E-10	.4703E-10	.4545E-10	.4414E-10	.4312E-10	.4240E-10	.4196E-10	.4176E-10	.4172E-10	.4176E-10	.4196E-10	.4239E-10	.4311E-10	.4413E-10	[illegible]	4701E-10	.4881E-10
250	.4907E-10	.4749E-10	.4613E-10	.4501E-10	.4415E-10	.4355E-10	.4320E-10	.4305E-10	.4302E-10	.4304E-10	.4319E-10	.4354E-10	.4413E-10	.4499E-10	[illegible]	.4747E-10	.4906E-10
260.	.4938E-10	.4812E-10	.4704E-10	.4617E-10	.4552E-10	.4509E-10	.4485E-10	.4477E-10	.4477E-10	.4477E-10	.4485E-10	.4508E-10	.4551E-10	.4615E-10	[illegible]	.4809E-10	.4936E-10
270	.4977E-10	.4889E-10	.4816E-10	.4760E-10	.4722E-10	.4700E-10	.4691E-10	.4690E-10	.4693E-10	.4690E-10	.4690E-10	.4699E-10	.4721E-10	.4759E-10	[illegible]	.4886E-10	.4975E-10
280.	.5023E-10	.4970E-10	.4946E-10	.4927E-10	.4919E-10	.4921E-10	.4920E-10	.4938E-10	.4943E-10	.4937E-10	.4920E-10	.4918E-10	.4925E-10	.4944E-10	[illegible]	.4976E-10	.5020E-10
290.	.5072E-10	.5076E-10	.5080E-10	.5100E-10	.5134E-10	.5161E-10	.5187E-10	.5207E-10	.5215E-10	.5206E-10	.5186E-10	.5160E-10	.5132E-10	.5107E-10	[illegible]	5073E-10	.5070E-10
300	.5124E-10	.5176E-10	.5235E-10	.5295E-10	.5354E-10	.5408E-10	.5452E-10	.5482E-10	.5494E-10	.5482E-10	.5451E-10	.5407E-10	.5353E-10	.5293E-10	[illegible]	5174E-10	.5121E-10
310	.5174E-10	.5274E-10	.5377E-10	.5476E-10	.5560E-10	.5646E-10	.5708E-10	.5748E-10	.5762E-10	.5748E-10	.5707E-10	.5645E-10	.5566E-10	.5474E-10	[illegible]	5272E-10	.5171E-10
320.	.5219E-10	.5364E-10	.5506E-10	.5640E-10	.5761E-10	.5862E-10	.5939E-10	.5988E-10	.6005E-10	5988E-10	.5939E-10	.5861E-10	.5759E-10	5638E-10	[illegible]	5361E-10	5217E-10
330.	.5258E-10	.5439E-10	.5615E-10	.5779E-10	.5924E-10	.6044E-10	.6133E-10	.6189E-10	.6209E-10	.6189E-10	6133E-10	.6042E-10	.5922E-10	.5777E-10	[illegible]	5437E-10	.5255E-10
340.	.5288E-10	.5497E-10	.5698E-10	.5884E-10	.6047E-10	.6181E-10	.6280E-10	.6342E-10	.6362E-10	.6341E-10	.6279E-10	6179E-10	.6045E-10	.5882E-10	[illegible]	5494E-10	.5285E-10
350.	.5307E-10	.5534E-10	.5752E-10	.5952E-10	.6126E-10	.6269E-10	.6374E-10	.6439E-10	.6461E-10	.6438E-10	6373E-10	6267E-10	.6124E-10	.5949E-10	[illegible]	5531E-10	.5304E-10

90. -90.

.5077E-10 .5079E-10

Number of Data Values 612

Mean Value: .5030E-10

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 300.0
F10: 150.00 F10B: 150.00 GI: 15.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30	-20.	-10	0	(-SOUTH) LATITUDES (+NORTH) 10	20.	30.	40	50.	60	70	80
0.	.3176E-10	.3340E-10	.3499E-10	.3646E-10	.3775E-10	.3881E-10	.3959E-10	.4008E-10	.4024E-10	.4007E-10	.3959E-10	.3880E-10	.3774E-10	.3644E-10	[illegible]	.3338E-10	.3174E-10
10.	.3174E-10	.3336E-10	.3492E-10	.3637E-10	.3765E-10	.3870E-10	3947E-10	.3995E-10	4011E-10	3995E-10	.3947E-10	.3868E-10	3764E-10	.3636E-10	[illegible]	.3334E-10	.3172E-10
20	.3164E-10	.3317E-10	.3465E-10	.3603E-10	3724E-10	.3824E-10	.3898E-10	.3944E-10	.3960E-10	.3944E-10	.3897E-10	.3823E-10	.3723E-10	.3601E-10	[illegible]	3315E-10	.3162E-10
30	.3148E-10	.3286E-10	.3420E-10	.3545E-10	.3655E-10	3747E-10	3816E-10	.3859E-10	.3873E-10	3858E-10	.3815E-10	.3746E-10	3654E-10	3543E-10	[illegible]	.3284E-10	.3146E-10
40.	.3127E-10	.3244E-10	.3359E-10	.3467E-10	.3564E-10	.3645E-10	.3707E-10	.3745E-10	.3758E-10	.3745E-10	.3706E-10	.3644E-10	3563E-10	3466E-10	[illegible]	.3242E-10	3125E-10
50.	.3102E-10	.3195E-10	.3287E-10	.3376E-10	.3456E-10	.3524E-10	.3576E-10	.3610E-10	.3621E-10	.3609E-10	.3576E-10	.3523E-10	.3455E-10	3374E-10	[illegible]	.3193E-10	3100E-10
60.	.3074E-10	.3140E-10	.3208E-10	.3274E-10	.3336E-10	.3390E-10	.3432E-10	.3460E-10	.3470E-10	.3459E-10	.3431E-10	.3389E-10	.3335E-10	3273E-10	[illegible]	.3138E-10	.3072E-10
70	.3045E-10	.3003E-10	.3125E-10	.3168E-10	.3210E-10	.3249E-10	.3280E-10	3302E-10	.3310E-10	.3301E-10	.3280E-10	3248E-10	.3209E-10	3167E-10	[illegible]	3081E-10	.3043E-10
80.	.3016E-10	.3025E-10	.3041E-10	.3061E-10	.3084E-10	.3107E-10	.3127E-10	3143E-10	.3149E-10	.3142E-10	.3127E-10	3106E-10	.3082E-10	3060E-10	[illegible]	.3024E-10	.3014E-10
90.	.2987E-10	.2969E-10	.2959E-10	.2957E-10	.2960E-10	.2963E-10	.2979E-10	.2988E-10	.2992E-10	.2988E-10	.2978E-10	.2968E-10	.2959E-10	2956E-10	[illegible]	.2968E-10	2966E-10
100.	.2960E-10	.2917E-10	.2883E-10	.2859E-10	.2845E-10	.2839E-10	.2839E-10	.2843E-10	.2846E-10	.2843E-10	.2839E-10	.2838E-10	2844E-10	.2858E-10	[illegible]	2915E-10	2959E-10
110.	.2936E-10	.2869E-10	.2813E-10	.2778E-10	.2760E-10	.2722E-10	.2713E-10	.2712E-10	2713E-10	2711E-10	.2713E-10	.2721E-10	.2739E-10	.2769E-10	[illegible]	2867E-10	2934E-10
120.	.2915E-10	.2827E-10	.2753E-10	.2693E-10	.2648E-10	.2619E-10	.2603E-10	2597E-10	2596E-10	2596E-10	.2602E-10	2618E-10	.2647E-10	2692E-10	[illegible]	2827E-10	2913E-10
130.	.2897E-10	.2792E-10	.2701E-10	.2627E-10	.2571E-10	.2533E-10	.2510E-10	.2500E-10	2499E-10	2500E-10	.2510E-10	.2532E-10	2570E-10	.2626E-10	[illegible]	.2790E-10	2895E-10
140.	.2882E-10	.2763E-10	.2660E-10	.2575E-10	.2510E-10	.2464E-10	.2436E-10	.2423E-10	.2421E-10	.2423E-10	.2436E-10	.2463E-10	2509E-10	.2574E-10	[illegible]	.2762E-10	.2880E-10
150.	.2871E-10	.2742E-10	.2629E-10	.2536E-10	.2464E-10	.2412E-10	.2381E-10	.2366E-10	.2363E-10	.2366E-10	.2380E-10	.2412E-10	.2463E-10	.2535E-10	[illegible]	.2741E-10	.2870E-10
160.	.2864E-10	.2727E-10	.2608E-10	.2509E-10	.2432E-10	.2377E-10	.2343E-10	.2327E-10	.2323E-10	.2327E-10	.2343E-10	.2376E-10	.2431E-10	.2508E-10	[illegible]	.2726E-10	.2862E-10
170.	.2859E-10	.2719E-10	.2596E-10	.2493E-10	.2413E-10	.2356E-10	.2321E-10	.2304E-10	.2300E-10	.2303E-10	.2320E-10	.2356E-10	.2413E-10	.2492E-10	[illegible]	.2717E-10	.2858E-10
180.	.2857E-10	.2715E-10	.2590E-10	.2486E-10	.2405E-10	.2347E-10	.2310E-10	.2293E-10	.2289E-10	.2293E-10	.2310E-10	.2346E-10	.2404E-10	.2485E-10	[illegible]	.2713E-10	.2856E-10
190.	.2857E-10	.2714E-10	.2589E-10	.2484E-10	.2403E-10	2344E-10	.2308E-10	.2290E-10	.2286E-10	.2290E-10	.2308E-10	.2344E-10	.2402E-10	.2483E-10	[illegible]	.2712E-10	.2855E-10
200.	.2857E-10	.2714E-10	.2589E-10	.2484E-10	.2403E-10	.2345E-10	.2308E-10	.2291E-10	.2287E-10	.2290E-10	.2308E-10	.2344E-10	.2402E-10	.2483E-10	[illegible]	.2713E-10	.2855E-10
210.	.2858E-10	.2716E-10	.2591E-10	.2488E-10	.2407E-10	2349E-10	.2312E-10	.2295E-10	.2291E-10	.2295E-10	.2312E-10	.2348E-10	.2406E-10	.2487E-10	[illegible]	.2714E-10	.2856E-10
220	.2861E-10	.2722E-10	.2600E-10	.2498E-10	.2419E-10	.2363E-10	.2328E-10	.2311E-10	2307E-10	2311E-10	.2327E-10	.2362E-10	2419E-10	2497E-10	[illegible]	.2720E-10	.2859E-10
230.	.2867E-10	.2734E-10	.2618E-10	.2521E-10	.2446E-10	.2393E-10	.2360E-10	.2345E-10	.2341E-10	.2344E-10	.2360E-10	.2392E-10	.2446E-10	.2520E-10	[illegible]	2733E-10	.2865E-10
240.	.2878E-10	.2755E-10	.2649E-10	.2561E-10	.2492E-10	2444E-10	.2415E-10	.2402E-10	.2399E-10	.2402E-10	.2415E-10	.2444E-10	.2492E-10	2559E-10	[illegible]	.2754E-10	.2876E-10
250.	.2894E-10	.2787E-10	.2694E-10	.2619E-10	.2561E-10	.2521E-10	.2497E-10	2487E-10	.2486E-10	.2487E-10	.2497E-10	.2520E-10	.2560E-10	2618E-10	[illegible]	.2785E-10	.2892E-10
260.	.2916E-10	.2829E-10	.2756E-10	.2697E-10	2653E-10	.2624E-10	.2608E-10	.2603E-10	.2602E-10	.2603E-10	.2608E-10	.2624E-10	.2652E-10	.2696E-10	[illegible]	.2828E-10	.2914E-10
270.	.2943E-10	.2882E-10	.2832E-10	.2794E-10	.2768E-10	.2753E-10	.2747E-10	.2747E-10	.2748E-10	.2747E-10	.2747E-10	.2752E-10	.2767E-10	.2793E-10	[illegible]	.2880E-10	.2941E-10
280.	.2974E-10	.2943E-10	.2921E-10	.2908E-10	.2903E-10	.2904E-10	2909E-10	2915E-10	.2919E-10	.2915E-10	.2909E-10	.2903E-10	.2902E-10	.2907E-10	[illegible]	.2942E-10	.2972E-10
290	.3008E-10	.3010E-10	.3019E-10	.3033E-10	.3050E-10	.3069E-10	.3087E-10	.3101E-10	.3107E-10	.3101E-10	.3087E-10	.3069E-10	.3049E-10	.3032E-10	[illegible]	.3009E-10	3006E-10
300.	.3044E-10	.3080E-10	.3120E-10	.3162E-10	.3204E-10	.3241E-10	.3272E-10	.3293E-10	.3301E-10	.3293E-10	.3272E-10	.3240E-10	.3203E-10	.3161E-10	[illegible]	.3078E-10	.3042E-10
310.	.3078E-10	.3148E-10	.3219E-10	.3289E-10	.3353E-10	.3409E-10	.3453E-10	.3481E-10	.3491E-10	.3481E-10	.3452E-10	.3408E-10	.3352E-10	.3288E-10	[illegible]	.3146E-10	.3076E-10
320.	.3110E-10	.3210E-10	.3310E-10	.3405E-10	.3490E-10	.3562E-10	.3617E-10	.3652E-10	.3665E-10	.3652E-10	3617E-10	.3561E-10	.3489E-10	.3403E-10	[illegible]	.3208E-10	3108E-10
330.	.3137E-10	.3263E-10	.3387E-10	.3503E-10	.3606E-10	.3692E-10	.3757E-10	3797E-10	.3811E-10	3797E-10	.3756E-10	3691E-10	.3605E-10	3501E-10	[illegible]	.3261E-10	.3135E-10
340.	.3157E-10	.3304E-10	.3446E-10	.3578E-10	.3695E-10	3791E-10	.3863E-10	3908E-10	3923E-10	.3907E-10	.3862E-10	.3790E-10	.3693E-10	.3576E-10	[illegible]	3302E-10	3155E-10
350.	.3171E-10	.3330E-10	.3484E-10	.3626E-10	.3752E-10	.3855E-10	.3931E-10	.3979E-10	.3994E-10	.3979E-10	.3931E-10	.3854E-10	.3750E-10	3625E-10	[illegible]	3328E-10	3169E-10

90. -90.

.3011E-10 .3013E-10

Number of Data Values 612

Mean Value: .2986E-10

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 400.0
F10: 150.00 F10B: 150.00 GI: 15.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30	-20	-10.	0	(-SOUTH) LATITUDES (+NORTH) 10	20	30.	40	50	60	70	80
0.	.5320E-11	.5752E-11	.6175E-11	.6577E-11	.6938E-11	.7241E-11	.7470E-11	.7611E-11	.7659E-11	.7610E-11	.7467E-11	.7238E-11	6935E-11	.6573E-11	6171E-11	5749E-11	.5323E-11
10.	.5322E-11	.5740E-11	.6157E-11	.6554E-11	6910E-11	.7209E-11	.7435E-11	.7575E-11	.7622E-11	7574E-11	.7433E-11	.7206E-11	.6907E-11	.6549E-11	6138E-11	.5726E-11	5321E-11
20.	.5297E-11	.5691E-11	.6084E-11	.6458E-11	.6794E-11	.7077E-11	.7292E-11	.7425E-11	.7470E-11	.7424E-11	.7290E-11	.7075E-11	6791E-11	6453E-11	6079E-11	.5687E-11	5293E-11
30	.5257E-11	.5610E-11	.5962E-11	.6299E-11	.6603E-11	.6860E-11	.7055E-11	.7178E-11	.7220E-11	.7177E-11	.7054E-11	.6857E-11	6600E-11	.6295E-11	5958E-11	.5605E-11	5252E-11
40.	.5204E-11	.5502E-11	.5802E-11	.6090E-11	.6353E-11	.6575E-11	.6746E-11	6854E-11	.6892E-11	6853E-11	.6744E-11	.6573E-11	.6349E-11	6086E-11	5798E-11	5498E-11	.5199E-11
50.	.5140E-11	.5375E-11	.5614E-11	.5846E-11	.6060E-11	.6243E-11	.6385E-11	.6477E-11	.6509E-11	6476E-11	.6364E-11	.6240E-11	6056E-11	.5812E-11	5610E-11	.5371E-11	5136E-11
60.	.5071E-11	.5237E-11	.5410E-11	.5581E-11	.5742E-11	.5883E-11	.5995E-11	.6069E-11	.6096E-11	.6068E-11	.5994E-11	.5881E-11	.5739E-11	.5577E-11	5406E-11	.5233E-11	5066E-11
70.	.4998E-11	.5093E-11	.5190E-11	.5288E-11	.5415E-11	.5514E-11	.5596E-11	.5652E-11	.5673E-11	.5651E-11	.5594E-11	.5512E-11	5413E-11	5304E-11	5194E-11	5089E-11	.4994E-11
80.	.4926E-11	.4950E-11	.4980E-11	.5038E-11	.5094E-11	.5152E-11	5204E-11	.5243E-11	.5259E-11	5242E-11	.5203E-11	5150E-11	.5092E-11	.5035E-11	4984E-11	4946E-11	.4921E-11
90	.4856E-11	.4812E-11	.4788E-11	.4781E-11	.4790E-11	.4810E-11	.4835E-11	.4857E-11	.4868E-11	.4857E-11	.4833E-11	.4808E-11	.4787E-11	4778E-11	4784E-11	4808E-11	.4851E-11
100.	.4790E-11	.4684E-11	.4602E-11	.4545E-11	.4511E-11	.4497E-11	.4497E-11	4506E-11	.4512E-11	.4506E-11	.4496E-11	.4495E-11	.4508E-11	4542E-11	4599E-11	.4680E-11	.4786E-11
110.	.4730E-11	.4568E-11	.4436E-11	.4334E-11	.4263E-11	4219E-11	.4200E-11	4196E-11	4199E-11	4196E-11	.4199E-11	4218E-11	4261E-11	4331E-11	4432E-11	.4565E-11	4726E-11
120.	.4670E-11	.4468E-11	.4292E-11	.4153E-11	.4050E-11	.3982E-11	.3945E-11	.3932E-11	.3931E-11	.3932E-11	.3945E-11	.3981E-11	.4048E-11	.4150E-11	.4289E-11	4464E-11	4674E-11
130.	.4635E-11	.4384E-11	.4172E-11	.4002E-11	.3874E-11	3787E-11	.3737E-11	3715E-11	.3712E-11	3715E-11	.3736E-11	3786E-11	.3873E-11	.4000E-11	4169E-11	4380E-11	4631E-11
140.	.4600E-11	.4317E-11	.4077E-11	.3803E-11	.3736E-11	.3634E-11	.3573E-11	.3546E-11	.3541E-11	.3545E-11	.3572E-11	.3633E-11	3734E-11	.3881E-11	.4074E-11	4314E-11	.4596E-11
150.	.4574E-11	.4267E-11	.4007E-11	.3795E-11	.3634E-11	.3521E-11	.3452E-11	.3420E-11	.3414E-11	.3420E-11	.3452E-11	.3520E-11	.3632E-11	.3793E-11	.4004E-11	.4264E-11	.4570E-11
160.	.4556E-11	.4233E-11	.3958E-11	.3735E-11	.3564E-11	.3444E-11	.3371E-11	.3336E-11	.3329E-11	.3336E-11	.3370E-11	.3443E-11	.3563E-11	.3733E-11	.3956E-11	.4230E-11	.4552E-11
170.	.4545E-11	.4213E-11	.3930E-11	.3700E-11	.3524E-11	.3399E-11	.3323E-11	.3287E-11	.3279E-11	.3286E-11	.3322E-11	.3398E-11	.3522E-11	.3698E-11	.3927E-11	.4210E-11	.4541E-11
180.	.4540E-11	.4204E-11	.3917E-11	.3684E-11	.3505E-11	.3379E-11	.3301E-11	.3264E-11	.3256E-11	.3264E-11	.3300E-11	.3378E-11	.3503E-11	.3682E-11	.3914E-11	.4201E-11	.4536E-11
190.	.4539E-11	.4202E-11	.3914E-11	.3680E-11	.3500E-11	.3374E-11	.3296E-11	.3258E-11	.3250E-11	.3258E-11	.3295E-11	.3373E-11	.3499E-11	.3678E-11	.3911E-11	.4198E-11	.4535E-11
200.	.4539E-11	.4202E-11	.3914E-11	.3680E-11	.3501E-11	.3374E-11	.3296E-11	.3259E-11	.3251E-11	.3259E-11	.3296E-11	.3373E-11	.3499E-11	.3678E-11	.3911E-11	.4198E-11	.4535E-11
210.	.4541E-11	.4206E-11	.3920E-11	.3687E-11	.3509E-11	.3383E-11	.3306E-11	.3269E-11	.3261E-11	.3268E-11	.3305E-11	.3382E-11	.3507E-11	.3685E-11	.3917E-11	.4202E-11	.4537E-11
220.	.4549E-11	.4220E-11	.3939E-11	.3711E-11	.3537E-11	.3414E-11	.3338E-11	.3302E-11	.3295E-11	.3302E-11	.3337E-11	.3413E-11	.3535E-11	.3709E-11	.3936E-11	.4216E-11	.4541E-11
230.	.4564E-11	.4249E-11	.3988E-11	.3762E-11	.3596E-11	.3479E-11	.3408E-11	.3374E-11	.3367E-11	.3374E-11	.3407E-11	.3478E-11	.3594E-11	.3760E-11	.3977E-11	.4245E-11	.4560E-11
240.	.4590E-11	.4299E-11	.4051E-11	.3850E-11	.3698E-11	.3592E-11	.3528E-11	.3499E-11	.3493E-11	.3498E-11	.3527E-11	.3591E-11	.3696E-11	.3848E-11	.4048E-11	.4295E-11	.4566E-11
250.	.4629E-11	.4373E-11	.4156E-11	.3982E-11	.3851E-11	.3761E-11	.3709E-11	.3687E-11	.3683E-11	.3686E-11	.3708E-11	.3760E-11	.3849E-11	.3980E-11	.4153E-11	.4369E-11	.4625E-11
260.	.4681E-11	.4473E-11	.4299E-11	.4162E-11	.4061E-11	.3995E-11	.3959E-11	.3946E-11	.3945E-11	.3945E-11	.3958E-11	.3993E-11	.4059E-11	.4159E-11	.4296E-11	.4470E-11	.4677E-11
270.	.4746E-11	.4599E-11	.4480E-11	.4390E-11	.4329E-11	.4293E-11	.4279E-11	.4279E-11	.4282E-11	.4278E-11	.4278E-11	.4292E-11	.4327E-11	.4388E-11	.4477E-11	.4596E-11	.4742E-11
280.	.4823E-11	.4748E-11	.4694E-11	.4662E-11	.4649E-11	.4652E-11	.4665E-11	.4681E-11	.4689E-11	.4680E-11	.4664E-11	.4650E-11	.4647E-11	.4659E-11	.4691E-11	.4744E-11	.4819E-11
290.	.4907E-11	.4913E-11	.4934E-11	.4968E-11	.5012E-11	.5059E-11	.5104E-11	.5138E-11	.5153E-11	.5138E-11	.5103E-11	.5057E-11	.5009E-11	.4965E-11	.4930E-11	.4909E-11	.4963E-11
300.	.4995E-11	.5085E-11	.5187E-11	.5293E-11	.5399E-11	.5495E-11	.5575E-11	.5630E-11	.5651E-11	.5629E-11	.5574E-11	.5493E-11	.5395E-11	.5290E-11	.5183E-11	.5081E-11	.4990E-11
310.	.5081E-11	.5257E-11	.5439E-11	.5618E-11	.5787E-11	5934E-11	.6050E-11	.6127E-11	.6154E-11	.6126E-11	.6049E-11	.5932E-11	.5784E-11	.5615E-11	5435E-11	.5252E-11	5076E-11
320	.5160E-11	.5415E-11	.5673E-11	.5923E-11	.6151E-11	.6347E-11	.6490E-11	.6595E-11	.6629E-11	6594E-11	.6496E-11	.6344E-11	.6148E-11	5919E-11	5669E-11	.5411E-11	.5156E-11
330.	.5228E-11	.5551E-11	.5875E-11	.6186E-11	.6467E-11	.6705E-11	.6887E-11	.7002E-11	.7042E-11	.7001E-11	.6885E-11	.6703E-11	.6464E-11	.6182E-11	.5871E-11	.5547E-11	.5223E-11
340.	.5288E-11	.5656E-11	.6032E-11	.6390E-11	.6713E-11	.6984E-11	.7190E-11	.7319E-11	.7363E-11	.7318E-11	.7189E-11	.6982E-11	.6709E-11	.6386E-11	6027E-11	5652E-11	.5276E-11
350.	.5314E-11	.5724E-11	.6133E-11	.6522E-11	.6872E-11	.7166E-11	.7388E-11	.7526E-11	.7573E-11	.7525E-11	.7386E-11	.7163E-11	.6869E-11	6518E-11	6129E-11	.5720E-11	5309E-11

Number of Data Values: 612

Mean Value: .4904E-11

90. -90.

.4914E-11 .4918E-11

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 407.7
F10: 150.00 F10B: 150.00 GI: 15.00 (1-KP OR 2-AP): 2

LON (-WEST) (+EAST)	-80.	-70	(-SOUTH) LATITUDES (+NORTH) -60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0	.4705E-11	.5090E-11	.5474E-11	.5840E-11	.6169E-11	.6445E-11	.6654E-11	.6783E-11	.6827E-11	.6782E-11	.6652E-11	.6442E-11	.6165E-11	.5836E-11	.5478E-11	.5086E-11	.4701E-11
10	.4700E-11	.5079E-11	.5458E-11	.5818E-11	.6143E-11	.6416E-11	.6622E-11	.6750E-11	.6793E-11	.6749E-11	.6620E-11	.6413E-11	.6140E-11	.5814E-11	.5454E-11	.5075E-11	.4695E-11
20	.4678E-11	.5035E-11	.5391E-11	.5731E-11	.6038E-11	.6296E-11	.6491E-11	.6613E-11	.6654E-11	.6612E-11	.6489E-11	.6293E-11	.6034E-11	.5727E-11	.5387E-11	.5018E-11	.4673E-11
30	.4641E-11	.4961E-11	.5280E-11	.5586E-11	.5864E-11	.6098E-11	.6276E-11	.6387E-11	.6426E-11	.6387E-11	.6274E-11	.6095E-11	.5868E-11	.5583E-11	.5276E-11	.4956E-11	.4637E-11
40	.4593E-11	.4863E-11	.5135E-11	.5397E-11	.5635E-11	.5838E-11	.5994E-11	.6092E-11	.6126E-11	.6091E-11	.5992E-11	.5836E-11	.5632E-11	.5393E-11	.5131E-11	.4859E-11	.4589E-11
50	.4535E-11	.4748E-11	.4965E-11	.5175E-11	.5369E-11	.5536E-11	.5665E-11	.5749E-11	.5778E-11	.5748E-11	.5664E-11	.5533E-11	.5366E-11	.5172E-11	.4961E-11	.4744E-11	.4531E-11
60	.4473E-11	.4623E-11	.4779E-11	.4934E-11	.5080E-11	.5209E-11	.5310E-11	.5378E-11	.5402E-11	.5377E-11	.5309E-11	.5207E-11	.5078E-11	.4931E-11	.4776E-11	.4619E-11	.4469E-11
70	.4407E-11	.4493E-11	.4588E-11	.4687E-11	.4785E-11	.4874E-11	.4948E-11	.4999E-11	.5018E-11	.4998E-11	.4947E-11	.4872E-11	.4782E-11	.4684E-11	.4584E-11	.4489E-11	.4403E-11
80	.4341E-11	.4363E-11	.4398E-11	.4443E-11	.4494E-11	.4546E-11	.4593E-11	.4628E-11	.4643E-11	.4628E-11	.4592E-11	.4544E-11	.4491E-11	.4444E-11	.4394E-11	.4359E-11	.4338E-11
90	.4279E-11	.4239E-11	.4217E-11	.4211E-11	.4219E-11	.4237E-11	.4259E-11	.4280E-11	.4289E-11	.4279E-11	.4258E-11	.4235E-11	.4217E-11	.4208E-11	.4213E-11	.4235E-11	.4274E-11
100	.4219E-11	.4123E-11	.4049E-11	.3998E-11	.3967E-11	.3954E-11	.3955E-11	.3963E-11	.3960E-11	.3962E-11	.3954E-11	.3952E-11	.3965E-11	.3995E-11	.4046E-11	.4119E-11	.4215E-11
110	.4165E-11	.4015E-11	.3899E-11	.3808E-11	.3743E-11	.3704E-11	.3686E-11	.3683E-11	.3686E-11	.3683E-11	.3686E-11	.3703E-11	.3741E-11	.3805E-11	.3896E-11	.4015E-11	.4161E-11
120	.4118E-11	.3928E-11	.3770E-11	.3644E-11	.3552E-11	.3491E-11	.3458E-11	.3446E-11	.3445E-11	.3446E-11	.3457E-11	.3490E-11	.3550E-11	.3642E-11	.3767E-11	.3925E-11	.4114E-11
130	.4079E-11	.3853E-11	.3662E-11	.3589E-11	.3394E-11	.3316E-11	.3270E-11	.3251E-11	.3248E-11	.3251E-11	.3270E-11	.3315E-11	.3392E-11	.3507E-11	.3659E-11	.3849E-11	.4075E-11
140	.4047E-11	.3792E-11	.3576E-11	.3402E-11	.3270E-11	.3178E-11	.3124E-11	.3099E-11	.3095E-11	.3099E-11	.3123E-11	.3177E-11	.3268E-11	.3408E-11	.3574E-11	.3789E-11	.4044E-11
150	.4024E-11	.3748E-11	.3513E-11	.3323E-11	.3178E-11	.3077E-11	.3015E-11	.2987E-11	.2981E-11	.2987E-11	.3015E-11	.3076E-11	.3177E-11	.3321E-11	.3510E-11	.3744E-11	.4020E-11
160	.4007E-11	.3717E-11	.3470E-11	.3269E-11	.3116E-11	.3008E-11	.2943E-11	.2911E-11	.2905E-11	.2911E-11	.2942E-11	.3007E-11	.3114E-11	.3267E-11	.3467E-11	.3714E-11	.4004E-11
170	.3998E-11	.3699E-11	.3444E-11	.3237E-11	.3079E-11	.2968E-11	.2900E-11	.2867E-11	.2860E-11	.2867E-11	.2899E-11	.2967E-11	.3078E-11	.3235E-11	.3441E-11	.3696E-11	.3994E-11
180	.3994E-11	.3690E-11	.3432E-11	.3223E-11	.3063E-11	.2950E-11	.2880E-11	.2847E-11	.2840E-11	.2847E-11	.2880E-11	.2949E-11	.3061E-11	.3221E-11	.3430E-11	.3687E-11	.3990E-11
190	.3992E-11	.3688E-11	.3430E-11	.3219E-11	.3059E-11	.2945E-11	.2875E-11	.2842E-11	.2835E-11	.2842E-11	.2875E-11	.2944E-11	.3057E-11	.3217E-11	.3427E-11	.3685E-11	.3989E-11
200	.3993E-11	.3689E-11	.3430E-11	.3220E-11	.3059E-11	.2946E-11	.2876E-11	.2842E-11	.2835E-11	.2842E-11	.2875E-11	.2945E-11	.3058E-11	.3218E-11	.3427E-11	.3686E-11	.3989E-11
210	.3994E-11	.3692E-11	.3435E-11	.3226E-11	.3066E-11	.2954E-11	.2884E-11	.2851E-11	.2844E-11	.2851E-11	.2884E-11	.2953E-11	.3065E-11	.3224E-11	.3432E-11	.3689E-11	.3991E-11
220	.4001E-11	.3704E-11	.3452E-11	.3247E-11	.3091E-11	.2981E-11	.2913E-11	.2881E-11	.2874E-11	.2881E-11	.2913E-11	.2980E-11	.3090E-11	.3245E-11	.3450E-11	.3701E-11	.3997E-11
230	.4015E-11	.3731E-11	.3489E-11	.3294E-11	.3144E-11	.3040E-11	.2976E-11	.2946E-11	.2940E-11	.2946E-11	.2975E-11	.3039E-11	.3143E-11	.3291E-11	.3487E-11	.3729E-11	.4011E-11
240	.4038E-11	.3776E-11	.3553E-11	.3372E-11	.3236E-11	.3141E-11	.3083E-11	.3057E-11	.3052E-11	.3057E-11	.3083E-11	.3139E-11	.3234E-11	.3378E-11	.3558E-11	.3773E-11	.4035E-11
250	.4073E-11	.3843E-11	.3647E-11	.3491E-11	.3373E-11	.3293E-11	.3246E-11	.3226E-11	.3222E-11	.3225E-11	.3245E-11	.3292E-11	.3372E-11	.3489E-11	.3645E-11	.3839E-11	.4078E-11
260	.4121E-11	.3933E-11	.3776E-11	.3653E-11	.3562E-11	.3502E-11	.3470E-11	.3458E-11	.3458E-11	.3458E-11	.3469E-11	.3501E-11	.3560E-11	.3650E-11	.3774E-11	.3930E-11	.4117E-11
270	.4179E-11	.4047E-11	.3939E-11	.3858E-11	.3803E-11	.3771E-11	.3758E-11	.3758E-11	.3761E-11	.3757E-11	.3757E-11	.3769E-11	.3801E-11	.3856E-11	.3936E-11	.4043E-11	.4176E-11
280	.4248E-11	.4181E-11	.4133E-11	.4104E-11	.4092E-11	.4094E-11	.4106E-11	.4120E-11	.4120E-11	.4120E-11	.4105E-11	.4093E-11	.4090E-11	.4101E-11	.4129E-11	.4177E-11	.4245E-11
290	.4324E-11	.4330E-11	.4349E-11	.4380E-11	.4419E-11	.4462E-11	.4503E-11	.4534E-11	.4547E-11	.4533E-11	.4501E-11	.4460E-11	.4417E-11	.4377E-11	.4346E-11	.4326E-11	.4321E-11
300	.4404E-11	.4486E-11	.4578E-11	.4674E-11	.4769E-11	.4857E-11	.4929E-11	.4979E-11	.4998E-11	.4978E-11	.4938E-11	.4855E-11	.4767E-11	.4671E-11	.4574E-11	.4482E-11	.4408E-11
310	.4482E-11	.4641E-11	.4805E-11	.4960E-11	.5121E-11	.5255E-11	.5361E-11	.5430E-11	.5455E-11	.5429E-11	.5359E-11	.5253E-11	.5118E-11	.4965E-11	.4802E-11	.4637E-11	.4478E-11
320	.4553E-11	.4784E-11	.5018E-11	.5244E-11	.5452E-11	.5630E-11	.5768E-11	.5856E-11	.5887E-11	.5855E-11	.5766E-11	.5628E-11	.5449E-11	.5241E-11	.5014E-11	.4780E-11	.4549E-11
330	.4615E-11	.4908E-11	.5202E-11	.5483E-11	.5739E-11	.5956E-11	.6122E-11	.6227E-11	.6263E-11	.6226E-11	.6121E-11	.5954E-11	.5736E-11	.5490E-11	.5190E-11	.4903E-11	.4611E-11
340	.4662E-11	.5003E-11	.5344E-11	.5669E-11	.5963E-11	.6211E-11	.6399E-11	.6516E-11	.6556E-11	.6516E-11	.6397E-11	.6208E-11	.5960E-11	.5665E-11	.5340E-11	.4999E-11	.4658E-11
350	.4692E-11	.5065E-11	.5436E-11	.5790E-11	.6109E-11	.6377E-11	.6579E-11	.6705E-11	.6748E-11	.6704E-11	.6577E-11	.6374E-11	.6105E-11	.5786E-11	.5432E-11	.5060E-11	.4680E-11

90. -90.

.4331E-11 .4335E-11

Number of Data Values: 676

Mean Value: .4325E-11

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 445.0
F10: 150.00 F10B: 150.00 GI: 15.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0.	.2612E-11	.2852E-11	.3095E-11	.3327E-11	.3530E-11	.3716E-11	.3852E-11	.3936E-11	.3964E-11	.3935E-11	.3850E-11	.3715E-11	.3536E-11	.3325E-11	.3092E-11	.2850E-11	.2609E-11
10.	.2600E-11	.2846E-11	.3084E-11	.3314E-11	.3522E-11	.3698E-11	.3831E-11	.3914E-11	.3942E-11	.3914E-11	.3836E-11	.3696E-11	.3520E-11	.3311E-11	.3082E-11	.2843E-11	.2606E-11
20.	.2595E-11	.2818E-11	.3042E-11	.3258E-11	.3454E-11	.3620E-11	.3746E-11	.3825E-11	.3852E-11	.3825E-11	.3745E-11	.3610E-11	.3452E-11	.3256E-11	.3040E-11	.2813E-11	.2592E-11
30.	.2572E-11	.2771E-11	.2972E-11	.3166E-11	.3343E-11	.3493E-11	.3607E-11	.3679E-11	.3704E-11	.3679E-11	.3606E-11	.3491E-11	.3341E-11	.3164E-11	.2970E-11	.2769E-11	.2569E-11
40.	.2542E-11	.2710E-11	.2881E-11	.3046E-11	.3197E-11	.3326E-11	.3426E-11	.3489E-11	.3511E-11	.3489E-11	.3425E-11	.3325E-11	.3195E-11	.3044E-11	.2870E-11	.2700E-11	.2539E-11
50.	.2507E-11	.2639E-11	.2774E-11	.2906E-11	.3020E-11	.3134E-11	.3216E-11	.3269E-11	.3288E-11	.3269E-11	.3215E-11	.3132E-11	.3026E-11	.2904E-11	.2772E-11	.2636E-11	.2504E-11
60.	.2468E-11	.2561E-11	.2650E-11	.2735E-11	.2806E-11	.2927E-11	.2991E-11	.3034E-11	.3049E-11	.3033E-11	.2990E-11	.2926E-11	.2845E-11	.2753E-11	.2656E-11	.2558E-11	.2465E-11
70.	.2427E-11	.2480E-11	.2539E-11	.2600E-11	.2661E-11	.2717E-11	.2763E-11	.2795E-11	.2807E-11	.2795E-11	.2763E-11	.2716E-11	.2660E-11	.2599E-11	.2537E-11	.2478E-11	.2425E-11
80.	.2387E-11	.2408E-11	.2421E-11	.2449E-11	.2481E-11	.2513E-11	.2542E-11	.2564E-11	.2573E-11	.2564E-11	.2542E-11	.2512E-11	.2479E-11	.2447E-11	.2419E-11	.2398E-11	.2384E-11
90.	.2348E-11	.2323E-11	.2310E-11	.2306E-11	.2311E-11	.2322E-11	.2336E-11	.2349E-11	.2355E-11	.2348E-11	.2335E-11	.2321E-11	.2310E-11	.2305E-11	.2308E-11	.2321E-11	.2345E-11
100.	.2311E-11	.2252E-11	.2207E-11	.2176E-11	.2157E-11	.2149E-11	.2150E-11	.2155E-11	.2158E-11	.2154E-11	.2149E-11	.2148E-11	.2156E-11	.2174E-11	.2205E-11	.2250E-11	.2309E-11
110.	.2278E-11	.2189E-11	.2116E-11	.2069E-11	.2021E-11	.1998E-11	.1987E-11	.1985E-11	.1987E-11	.1985E-11	.1986E-11	.1997E-11	.2028E-11	.2059E-11	.2114E-11	.2187E-11	.2276E-11
120.	.2249E-11	.2134E-11	.2037E-11	.1961E-11	.1966E-11	.1869E-11	.1849E-11	.1842E-11	.1842E-11	.1842E-11	.1849E-11	.1869E-11	.1905E-11	.1960E-11	.2036E-11	.2132E-11	.2247E-11
130.	.2225E-11	.2080E-11	.1972E-11	.1880E-11	.1811E-11	.1765E-11	.1737E-11	.1726E-11	.1724E-11	.1726E-11	.1737E-11	.1764E-11	.1810E-11	.1879E-11	.1970E-11	.2086E-11	.2223E-11
140.	.2206E-11	.2051E-11	.1921E-11	.1816E-11	.1737E-11	.1683E-11	.1650E-11	.1636E-11	.1633E-11	.1636E-11	.1650E-11	.1682E-11	.1736E-11	.1815E-11	.1919E-11	.2049E-11	.2204E-11
150.	.2192E-11	.2024E-11	.1882E-11	.1769E-11	.1683E-11	.1623E-11	.1586E-11	.1570E-11	.1566E-11	.1569E-11	.1586E-11	.1622E-11	.1682E-11	.1767E-11	.1881E-11	.2022E-11	.2189E-11
160.	.2182E-11	.2005E-11	.1856E-11	.1737E-11	.1646E-11	.1582E-11	.1543E-11	.1525E-11	.1521E-11	.1525E-11	.1543E-11	.1582E-11	.1645E-11	.1735E-11	.1855E-11	.2003E-11	.2180E-11
170.	.2176E-11	.1994E-11	.1841E-11	.1718E-11	.1624E-11	.1558E-11	.1518E-11	.1499E-11	.1495E-11	.1499E-11	.1518E-11	.1558E-11	.1623E-11	.1717E-11	.1840E-11	.1992E-11	.2174E-11
180.	.2173E-11	.1989E-11	.1834E-11	.1709E-11	.1614E-11	.1548E-11	.1507E-11	.1487E-11	.1483E-11	.1487E-11	.1506E-11	.1547E-11	.1613E-11	.1708E-11	.1833E-11	.1988E-11	.2171E-11
190.	.2173E-11	.1988E-11	.1832E-11	.1707E-11	.1612E-11	.1545E-11	.1504E-11	.1484E-11	.1480E-11	.1484E-11	.1504E-11	.1544E-11	.1611E-11	.1706E-11	.1831E-11	.1986E-11	.2171E-11
200.	.2173E-11	.1988E-11	.1833E-11	.1707E-11	.1612E-11	.1545E-11	.1504E-11	.1485E-11	.1480E-11	.1485E-11	.1504E-11	.1545E-11	.1611E-11	.1706E-11	.1831E-11	.1986E-11	.2171E-11
210.	.2174E-11	.1990E-11	.1836E-11	.1711E-11	.1616E-11	.1550E-11	.1509E-11	.1490E-11	.1486E-11	.1490E-11	.1509E-11	.1549E-11	.1615E-11	.1710E-11	.1834E-11	.1989E-11	.2172E-11
220.	.2178E-11	.1996E-11	.1846E-11	.1724E-11	.1631E-11	.1566E-11	.1526E-11	.1507E-11	.1503E-11	.1507E-11	.1526E-11	.1565E-11	.1630E-11	.1723E-11	.1844E-11	.1996E-11	.2176E-11
230.	.2186E-11	.2014E-11	.1868E-11	.1751E-11	.1662E-11	.1601E-11	.1563E-11	.1545E-11	.1542E-11	.1545E-11	.1562E-11	.1600E-11	.1662E-11	.1750E-11	.1867E-11	.2012E-11	.2184E-11
240.	.2201E-11	.2041E-11	.1906E-11	.1790E-11	.1717E-11	.1660E-11	.1626E-11	.1611E-11	.1608E-11	.1611E-11	.1626E-11	.1660E-11	.1716E-11	.1797E-11	.1905E-11	.2039E-11	.2199E-11
250.	.2222E-11	.2082E-11	.1963E-11	.1869E-11	.1799E-11	.1751E-11	.1723E-11	.1711E-11	.1709E-11	.1711E-11	.1722E-11	.1758E-11	.1798E-11	.1868E-11	.1962E-11	.2080E-11	.2220E-11
260.	.2251E-11	.2137E-11	.2041E-11	.1967E-11	.1912E-11	.1876E-11	.1857E-11	.1850E-11	.1849E-11	.1849E-11	.1856E-11	.1875E-11	.1911E-11	.1965E-11	.2040E-11	.2134E-11	.2249E-11
270.	.2287E-11	.2206E-11	.2140E-11	.2091E-11	.2057E-11	.2038E-11	.2030E-11	.2030E-11	.2032E-11	.2030E-11	.2037E-11	.2056E-11	.2090E-11	.2139E-11	.2204E-11	.2285E-11	.2378E-11
280.	.2329E-11	.2280E-11	.2258E-11	.2241E-11	.2234E-11	.2235E-11	.2242E-11	.2251E-11	.2255E-11	.2250E-11	.2241E-11	.2234E-11	.2232E-11	.2239E-11	.2256E-11	.2286E-11	.2327E-11
290.	.2376E-11	.2373E-11	.2391E-11	.2410E-11	.2435E-11	.2461E-11	.2486E-11	.2505E-11	.2513E-11	.2505E-11	.2486E-11	.2461E-11	.2433E-11	.2409E-11	.2389E-11	.2377E-11	.2374E-11
300.	.2425E-11	.2476E-11	.2533E-11	.2592E-11	.2652E-11	.2706E-11	.2752E-11	.2783E-11	.2795E-11	.2782E-11	.2751E-11	.2705E-11	.2650E-11	.2591E-11	.2530E-11	.2473E-11	.2423E-11
310.	.2473E-11	.2572E-11	.2674E-11	.2776E-11	.2872E-11	.2956E-11	.3023E-11	.3067E-11	.3083E-11	.3066E-11	.3022E-11	.2955E-11	.2870E-11	.2774E-11	.2672E-11	.2569E-11	.2471E-11
320.	.2518E-11	.2661E-11	.2807E-11	.2950E-11	.3081E-11	.3194E-11	.3282E-11	.3338E-11	.3357E-11	.3337E-11	.3280E-11	.3192E-11	.3079E-11	.2947E-11	.2805E-11	.2659E-11	.2515E-11
330.	.2556E-11	.2738E-11	.2923E-11	.3101E-11	.3263E-11	.3402E-11	.3500E-11	.3576E-11	.3599E-11	.3575E-11	.3507E-11	.3400E-11	.3261E-11	.3098E-11	.2920E-11	.2736E-11	.2553E-11
340.	.2585E-11	.2798E-11	.3012E-11	.3219E-11	.3406E-11	.3565E-11	.3687E-11	.3763E-11	.3789E-11	.3762E-11	.3685E-11	.3564E-11	.3404E-11	.3216E-11	.3018E-11	.2795E-11	.2592E-11
350.	.2604E-11	.2837E-11	.3071E-11	.3296E-11	.3500E-11	.3672E-11	.3803E-11	.3885E-11	.3913E-11	.3884E-11	.3802E-11	.3670E-11	.3498E-11	.3293E-11	.3068E-11	.2834E-11	.2601E-11

Number of Data Values: 612

Mean Value: .2386E-11

90. -90.

.2388E-11 .2383E-11

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN. 2440667. TIME: 1400Z ALTITUDE(KM): 500.0
F10: 150.00 F100: 150.00 GI: 15.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40	50	60	70	80
0.	.1145E-11	.1268E-11	.1393E-11	.1515E-11	.1627E-11	.1723E-11	.1796E-11	.1841E-11	.1857E-11	.1841E-11	.1795E-11	.1722E-11	.1626E-11	.1514E-11	.1392E-11	.1266E-11	.1143E-11
10.	.1143E-11	.1264E-11	.1388E-11	.1508E-11	.1619E-11	.1713E-11	.1784E-11	.1829E-11	.1845E-11	.1829E-11	.1784E-11	.1712E-11	.1618E-11	.1507E-11	.1387E-11	.1263E-11	.1142E-11
20.	.1136E-11	.1258E-11	.1366E-11	.1479E-11	.1583E-11	.1671E-11	.1739E-11	.1781E-11	.1796E-11	.1781E-11	.1738E-11	.1670E-11	.1581E-11	.1478E-11	.1365E-11	.1249E-11	.1135E-11
30.	.1124E-11	.1226E-11	.1330E-11	.1431E-11	.1524E-11	.1603E-11	.1664E-11	.1703E-11	.1716E-11	.1703E-11	.1664E-11	.1602E-11	.1522E-11	.1429E-11	.1329E-11	.1227E-11	.1123E-11
40.	.1109E-11	.1195E-11	.1282E-11	.1368E-11	.1447E-11	.1515E-11	.1568E-11	.1601E-11	.1613E-11	.1601E-11	.1567E-11	.1514E-11	.1446E-11	.1367E-11	.1281E-11	.1194E-11	.1108E-11
50.	.1091E-11	.1158E-11	.1227E-11	.1295E-11	.1359E-11	.1414E-11	.1457E-11	.1485E-11	.1495E-11	.1485E-11	.1456E-11	.1413E-11	.1358E-11	.1294E-11	.1226E-11	.1157E-11	.1090E-11
60.	.1072E-11	.1119E-11	.1168E-11	.1218E-11	.1265E-11	.1306E-11	.1340E-11	.1362E-11	.1370E-11	.1361E-11	.1339E-11	.1306E-11	.1264E-11	.1217E-11	.1166E-11	.1113E-11	.1071E-11
70.	.1051E-11	.1070E-11	.1090E-11	.1139E-11	.1170E-11	.1190E-11	.1222E-11	.1230E-11	.1244E-11	.1236E-11	.1222E-11	.1196E-11	.1169E-11	.1136E-11	.1100E-11	.1077E-11	.1070E-11
80.	.1031E-11	.1038E-11	.1049E-11	.1062E-11	.1070E-11	.1095E-11	.1109E-11	.1126E-11	.1125E-11	.1120E-11	.1109E-11	.1094E-11	.1070E-11	.1062E-11	.1047E-11	.1047E-11	.1070E-11
90.	.1012E-11	.9995E-12	.9926E-12	.9910E-12	.9934E-12	.9909E-12	.1006E-11	.1012E-11	.1015E-11	.1012E-11	.1005E-11	.9984E-12	.9928E-12	.9902E-12	.9904E-12	.9904E-12	.1010E-11
100.	.9934E-12	.9642E-12	.9419E-12	.9263E-12	.9171E-12	.9133E-12	.9135E-12	.9158E-12	.9176E-12	.9157E-12	.9132E-12	.9120E-12	.9165E-12	.9255E-12	.9418E-12	.9634E-12	.9943E-12
110.	.9778E-12	.9327E-12	.8969E-12	.8696E-12	.8596E-12	.8391E-12	.8339E-12	.8338E-12	.8336E-12	.8329E-12	.8336E-12	.8387E-12	.8508E-12	.8689E-12	.8917E-12	.9179E-12	.9459E-12
120.	.9628E-12	.9056E-12	.8581E-12	.8215E-12	.7946E-12	.7770E-12	.7674E-12	.7639E-12	.7638E-12	.7639E-12	.7672E-12	.7766E-12	.7941E-12	.8208E-12	.8546E-12	.8926E-12	.9316E-12
130.	.9500E-12	.8838E-12	.8264E-12	.7821E-12	.7491E-12	.7268E-12	.7139E-12	.7084E-12	.7077E-12	.7084E-12	.7137E-12	.7265E-12	.7486E-12	.7815E-12	.8220E-12	.8697E-12	.9197E-12
140.	.9413E-12	.8651E-12	.8017E-12	.7514E-12	.7137E-12	.6879E-12	.6726E-12	.6657E-12	.6645E-12	.6657E-12	.6724E-12	.6876E-12	.7133E-12	.7507E-12	.7984E-12	.8543E-12	.9102E-12
150.	.9342E-12	.8510E-12	.7833E-12	.7287E-12	.6879E-12	.6596E-12	.6425E-12	.6347E-12	.6331E-12	.6346E-12	.6424E-12	.6593E-12	.6874E-12	.7281E-12	.7850E-12	.8519E-12	.9231E-12
160.	.9293E-12	.8428E-12	.7708E-12	.7135E-12	.6705E-12	.6406E-12	.6225E-12	.6140E-12	.6122E-12	.6139E-12	.6223E-12	.6483E-12	.6780E-12	.7129E-12	.7719E-12	.8419E-12	.9202E-12
170.	.9264E-12	.8379E-12	.7634E-12	.7043E-12	.6603E-12	.6295E-12	.6107E-12	.6019E-12	.6000E-12	.6018E-12	.6106E-12	.6291E-12	.6590E-12	.7048E-12	.7668E-12	.8366E-12	.9254E-12
180.	.9251E-12	.8331E-12	.7601E-12	.7005E-12	.6556E-12	.6245E-12	.6054E-12	.5964E-12	.5944E-12	.5963E-12	.6053E-12	.6242E-12	.6552E-12	.6999E-12	.7599E-12	.8341E-12	.9240E-12
190.	.9248E-12	.8345E-12	.7593E-12	.6995E-12	.6545E-12	.6232E-12	.6041E-12	.5950E-12	.5931E-12	.5950E-12	.6040E-12	.6230E-12	.6541E-12	.6989E-12	.7589E-12	.8335E-12	.9237E-12
200.	.9248E-12	.8345E-12	.7593E-12	.6995E-12	.6546E-12	.6233E-12	.6042E-12	.5952E-12	.5932E-12	.5951E-12	.6041E-12	.6231E-12	.6542E-12	.6990E-12	.7590E-12	.8336E-12	.9238E-12
210.	.9254E-12	.8356E-12	.7608E-12	.7013E-12	.6566E-12	.6255E-12	.6065E-12	.5975E-12	.5956E-12	.5975E-12	.6064E-12	.6252E-12	.6562E-12	.7007E-12	.7607E-12	.8346E-12	.9243E-12
220.	.9273E-12	.8392E-12	.7658E-12	.7074E-12	.6635E-12	.6338E-12	.6144E-12	.6057E-12	.6038E-12	.6056E-12	.6143E-12	.6327E-12	.6631E-12	.7060E-12	.7654E-12	.8362E-12	.9263E-12
230.	.9315E-12	.8469E-12	.7764E-12	.7204E-12	.6783E-12	.6492E-12	.6316E-12	.6233E-12	.6217E-12	.6233E-12	.6314E-12	.6489E-12	.6779E-12	.7190E-12	.7757E-12	.8440E-12	.9304E-12
240.	.9386E-12	.8602E-12	.7940E-12	.7429E-12	.7040E-12	.6773E-12	.6613E-12	.6541E-12	.6527E-12	.6540E-12	.6611E-12	.6770E-12	.7036E-12	.7423E-12	.7948E-12	.8592E-12	.9375E-12
250.	.9492E-12	.8808E-12	.8224E-12	.7769E-12	.7431E-12	.7202E-12	.7069E-12	.7012E-12	.7003E-12	.7011E-12	.7066E-12	.7198E-12	.7426E-12	.7763E-12	.8216E-12	.8790E-12	.9481E-12
260.	.9635E-12	.9078E-12	.8604E-12	.8240E-12	.7975E-12	.7802E-12	.7708E-12	.7675E-12	.7674E-12	.7674E-12	.7706E-12	.7798E-12	.7970E-12	.8233E-12	.8595E-12	.9066E-12	.9624E-12
270.	.9814E-12	.9412E-12	.9089E-12	.8847E-12	.8682E-12	.8587E-12	.8549E-12	.8548E-12	.8558E-12	.8547E-12	.8546E-12	.8583E-12	.8676E-12	.8849E-12	.9088E-12	.9401E-12	.9803E-12
280.	.1002E-11	.9810E-12	.9672E-12	.9584E-12	.9549E-12	.9556E-12	.9590E-12	.9633E-12	.9657E-12	.9632E-12	.9587E-12	.9551E-12	.9542E-12	.9574E-12	.9664E-12	.9807E-12	.1001E-11
290.	.1026E-11	.1027E-11	.1033E-11	.1043E-11	.1055E-11	.1068E-11	.1081E-11	.1091E-11	.1095E-11	.1091E-11	.1081E-11	.1068E-11	.1054E-11	.1042E-11	.1032E-11	.1026E-11	.1025E-11
300.	.1050E-11	.1076E-11	.1105E-11	.1135E-11	.1165E-11	.1193E-11	.1216E-11	.1232E-11	.1238E-11	.1232E-11	.1216E-11	.1192E-11	.1164E-11	.1134E-11	.1103E-11	.1075E-11	.1049E-11
310.	.1073E-11	.1124E-11	.1176E-11	.1229E-11	.1270E-11	.1321E-11	.1356E-11	.1379E-11	.1387E-11	.1379E-11	.1355E-11	.1321E-11	.1277E-11	.1220E-11	.1175E-11	.1123E-11	.1073E-11
320.	.1097E-11	.1170E-11	.1245E-11	.1310E-11	.1386E-11	.1445E-11	.1491E-11	.1521E-11	.1531E-11	.1521E-11	.1491E-11	.1444E-11	.1385E-11	.1317E-11	.1243E-11	.1166E-11	.1096E-11
330.	.1116E-11	.1209E-11	.1304E-11	.1396E-11	.1482E-11	.1555E-11	.1612E-11	.1647E-11	.1660E-11	.1647E-11	.1611E-11	.1554E-11	.1481E-11	.1395E-11	.1303E-11	.1209E-11	.1115E-11
340.	.1131E-11	.1240E-11	.1350E-11	.1458E-11	.1557E-11	.1642E-11	.1707E-11	.1748E-11	.1762E-11	.1747E-11	.1706E-11	.1641E-11	.1556E-11	.1457E-11	.1349E-11	.1240E-11	.1130E-11
350.	.1141E-11	.1260E-11	.1381E-11	.1499E-11	.1607E-11	.1699E-11	.1770E-11	.1814E-11	.1829E-11	.1813E-11	.1769E-11	.1698E-11	.1606E-11	.1497E-11	.1379E-11	.1258E-11	.1139E-11

Number of Data Values 612

Mean Value. .1038E-11

90. -90.

.102E-11 .102E-11

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1978 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 555.9
F10: 150.00 F100: 150.00 GI: 15.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30	40.	50	60	70.	80.
0.	.5151E-12	.5705E-12	.6442E-12	.7007E-12	.7606E-12	.8201E-12	.8597E-12	.8846E-12	.8931E-12	.8844E-12	.8593E-12	.8196E-12	.7681E-12	.7081E-12	.6435E-12	.5779E-12	.5145E-12
10.	.5143E-12	.5767E-12	.6413E-12	.7049E-12	.7639E-12	.8146E-12	.8536E-12	.8782E-12	.8865E-12	.8780E-12	.8533E-12	.8141E-12	.7633E-12	.7043E-12	.6407E-12	.5761E-12	.5136E-12
20.	.5107E-12	.5692E-12	.6290E-12	.6893E-12	.7446E-12	.7921E-12	.8288E-12	.8519E-12	.8598E-12	.8518E-12	.8285E-12	.7917E-12	.7440E-12	.6887E-12	.6291E-12	.5686E-12	.5101E-12
30.	.5048E-12	.5569E-12	.6108E-12	.6638E-12	.7130E-12	.7555E-12	.7884E-12	.8093E-12	.8165E-12	.8091E-12	.7881E-12	.7551E-12	.7125E-12	.6632E-12	.6102E-12	.5563E-12	.5042E-12
40.	.4971E-12	.5409E-12	.5861E-12	.6308E-12	.6724E-12	.7085E-12	.7366E-12	.7546E-12	.7608E-12	.7544E-12	.7363E-12	.7081E-12	.6719E-12	.6302E-12	.5855E-12	.5402E-12	.4985E-12
50.	.4880E-12	.5221E-12	.5576E-12	.5929E-12	.6260E-12	.6549E-12	.6777E-12	.6925E-12	.6977E-12	.6924E-12	.6774E-12	.6545E-12	.6255E-12	.5923E-12	.5571E-12	.5216E-12	.4876E-12
60.	.4781E-12	.5019E-12	.5272E-12	.5526E-12	.5769E-12	.5986E-12	.6159E-12	.6275E-12	.6317E-12	.6274E-12	.6157E-12	.5982E-12	.5765E-12	.5521E-12	.5266E-12	.5014E-12	.4775E-12
70.	.4678E-12	.4812E-12	.4963E-12	.5122E-12	.5280E-12	.5427E-12	.5549E-12	.5633E-12	.5665E-12	.5632E-12	.5547E-12	.5424E-12	.5277E-12	.5118E-12	.4958E-12	.4807E-12	.4672E-12
80.	.4576E-12	.4609E-12	.4663E-12	.4734E-12	.4814E-12	.4897E-12	.4972E-12	.5020E-12	.5051E-12	.5027E-12	.4970E-12	.4894E-12	.4811E-12	.4730E-12	.4659E-12	.4604E-12	.4570E-12
90.	.4477E-12	.4417E-12	.4383E-12	.4374E-12	.4386E-12	.4414E-12	.4440E-12	.4440E-12	.4495E-12	.4479E-12	.4447E-12	.4411E-12	.4383E-12	.4370E-12	.4379E-12	.4412E-12	.4472E-12
100.	.4386E-12	.4240E-12	.4129E-12	.4052E-12	.4006E-12	.3987E-12	.3980E-12	.4000E-12	.4009E-12	.4000E-12	.3987E-12	.3985E-12	.4004E-12	.4048E-12	.4125E-12	.4236E-12	.4381E-12
110.	.4304E-12	.4004E-12	.3906E-12	.3772E-12	.3679E-12	.3623E-12	.3597E-12	.3593E-12	.3596E-12	.3593E-12	.3596E-12	.3621E-12	.3677E-12	.3769E-12	.3962E-12	.4079E-12	.4299E-12
120.	.4233E-12	.3949E-12	.3717E-12	.3517E-12	.3406E-12	.3321E-12	.3275E-12	.3258E-12	.3257E-12	.3258E-12	.3274E-12	.3328E-12	.3404E-12	.3534E-12	.3713E-12	.3945E-12	.4220E-12
130.	.4174E-12	.3838E-12	.3562E-12	.3346E-12	.3187E-12	.3080E-12	.3018E-12	.2992E-12	.2988E-12	.2992E-12	.3017E-12	.3078E-12	.3185E-12	.3343E-12	.3550E-12	.3834E-12	.4169E-12
140.	.4126E-12	.3758E-12	.3441E-12	.3197E-12	.3017E-12	.2895E-12	.2822E-12	.2790E-12	.2784E-12	.2789E-12	.2821E-12	.2893E-12	.3015E-12	.3195E-12	.3437E-12	.3746E-12	.4121E-12
150.	.4091E-12	.3695E-12	.3351E-12	.3089E-12	.2894E-12	.2761E-12	.2680E-12	.2643E-12	.2636E-12	.2643E-12	.2680E-12	.2759E-12	.2892E-12	.3087E-12	.3340E-12	.3681E-12	.4086E-12
160.	.4067E-12	.3641E-12	.3291E-12	.3016E-12	.2812E-12	.2671E-12	.2586E-12	.2547E-12	.2538E-12	.2546E-12	.2586E-12	.2670E-12	.2816E-12	.3014E-12	.3288E-12	.3637E-12	.4062E-12
170.	.4052E-12	.3615E-12	.3256E-12	.2973E-12	.2764E-12	.2619E-12	.2531E-12	.2490E-12	.2481E-12	.2490E-12	.2531E-12	.2610E-12	.2762E-12	.2971E-12	.3252E-12	.3611E-12	.4040E-12
180.	.4046E-12	.3607E-12	.3239E-12	.2954E-12	.2742E-12	.2596E-12	.2507E-12	.2465E-12	.2456E-12	.2464E-12	.2506E-12	.2595E-12	.2740E-12	.2952E-12	.3236E-12	.3599E-12	.4041E-12
190.	.4044E-12	.3608E-12	.3235E-12	.2949E-12	.2736E-12	.2590E-12	.2501E-12	.2458E-12	.2450E-12	.2458E-12	.2500E-12	.2589E-12	.2735E-12	.2947E-12	.3232E-12	.3596E-12	.4040E-12
200.	.4045E-12	.3608E-12	.3236E-12	.2950E-12	.2737E-12	.2590E-12	.2501E-12	.2459E-12	.2450E-12	.2459E-12	.2501E-12	.2589E-12	.2735E-12	.2947E-12	.3233E-12	.3596E-12	.4040E-12
210.	.4047E-12	.3609E-12	.3243E-12	.2950E-12	.2746E-12	.2660E-12	.2512E-12	.2470E-12	.2461E-12	.2470E-12	.2511E-12	.2599E-12	.2745E-12	.2956E-12	.3240E-12	.3601E-12	.4043E-12
220.	.4057E-12	.3623E-12	.3267E-12	.2987E-12	.2779E-12	.2636E-12	.2549E-12	.2506E-12	.2499E-12	.2508E-12	.2548E-12	.2635E-12	.2777E-12	.2985E-12	.3264E-12	.3619E-12	.4052E-12
230.	.4078E-12	.3661E-12	.3310E-12	.3049E-12	.2849E-12	.2712E-12	.2629E-12	.2590E-12	.2582E-12	.2590E-12	.2628E-12	.2711E-12	.2847E-12	.3047E-12	.3315E-12	.3657E-12	.4073E-12
240.	.4113E-12	.3726E-12	.3407E-12	.3157E-12	.2971E-12	.2844E-12	.2769E-12	.2734E-12	.2728E-12	.2734E-12	.2768E-12	.2843E-12	.2969E-12	.3154E-12	.3404E-12	.3722E-12	.4108E-12
250.	.4166E-12	.3823E-12	.3541E-12	.3321E-12	.3158E-12	.3048E-12	.2984E-12	.2958E-12	.2953E-12	.2957E-12	.2984E-12	.3047E-12	.3156E-12	.3318E-12	.3538E-12	.3819E-12	.4161E-12
260.	.4237E-12	.3955E-12	.3727E-12	.3549E-12	.3420E-12	.3337E-12	.3291E-12	.3275E-12	.3275E-12	.3275E-12	.3298E-12	.3335E-12	.3418E-12	.3546E-12	.3723E-12	.3952E-12	.4232E-12
270.	.4326E-12	.4126E-12	.3965E-12	.3846E-12	.3765E-12	.3719E-12	.3700E-12	.3700E-12	.3704E-12	.3699E-12	.3699E-12	.3717E-12	.3763E-12	.3843E-12	.3962E-12	.4121E-12	.4321E-12
280.	.4432E-12	.4320E-12	.4255E-12	.4211E-12	.4194E-12	.4197E-12	.4215E-12	.4236E-12	.4240E-12	.4235E-12	.4213E-12	.4195E-12	.4191E-12	.4208E-12	.4251E-12	.4323E-12	.4426E-12
290.	.4549E-12	.4557E-12	.4587E-12	.4635E-12	.4697E-12	.4764E-12	.4820E-12	.4877E-12	.4898E-12	.4876E-12	.4826E-12	.4762E-12	.4694E-12	.4631E-12	.4582E-12	.4552E-12	.4544E-12
300.	.4672E-12	.4801E-12	.4947E-12	.5101E-12	.5255E-12	.5390E-12	.5510E-12	.5600E-12	.5632E-12	.5599E-12	.5516E-12	.5395E-12	.5252E-12	.5097E-12	.4942E-12	.4796E-12	.4667E-12
310.	.4795E-12	.5048E-12	.5314E-12	.5583E-12	.5830E-12	.6064E-12	.6245E-12	.6365E-12	.6408E-12	.6364E-12	.6243E-12	.6061E-12	.5834E-12	.5570E-12	.5289E-12	.5042E-12	.4789E-12
320.	.4909E-12	.5280E-12	.5665E-12	.6047E-12	.6404E-12	.6715E-12	.6959E-12	.7117E-12	.7172E-12	.7116E-12	.6957E-12	.6711E-12	.6399E-12	.6041E-12	.5659E-12	.5274E-12	.4903E-12
330.	.5006E-12	.5482E-12	.5974E-12	.6458E-12	.6909E-12	.7290E-12	.7601E-12	.7794E-12	.7868E-12	.7792E-12	.7590E-12	.7294E-12	.6963E-12	.6452E-12	.5967E-12	.5476E-12	.5000E-12
340.	.5082E-12	.5640E-12	.6216E-12	.6783E-12	.7314E-12	.7764E-12	.8114E-12	.8336E-12	.8412E-12	.8334E-12	.8111E-12	.7759E-12	.7305E-12	.6777E-12	.6210E-12	.5633E-12	.5076E-12
350.	.5131E-12	.5743E-12	.6375E-12	.6990E-12	.7577E-12	.8072E-12	.8455E-12	.8696E-12	.8778E-12	.8694E-12	.8451E-12	.8068E-12	.7570E-12	.6992E-12	.6369E-12	.5734E-12	.5125E-12

90.	-90.
.4560E-12	.4565E-12

Number of Data Values: 612

Mean Value: .4640E-12

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 606.0
F10: 150.00 F10B: 150.00 GI: 15.00 (1-0 OR 2-AP): 2

LON. (-WEST) (+EAST)	-80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	10.	20.	30.	40.	50.	60.	70.	80.
	(-SOUTH) LATITUDES (+NORTH)									(-SOUTH) LATITUDES (+NORTH)							
0.	.2837E-12	.3192E-12	.3589E-12	.3963E-12	.4352E-12	.4671E-12	.4910E-12	.5074E-12	.5127E-12	.5073E-12	.4916E-12	.4660E-12	.4349E-12	.3979E-12	.3585E-12	.3189E-12	.2834E-12
10	.2832E-12	.3181E-12	.3572E-12	.3960E-12	.4323E-12	.4637E-12	.4880E-12	.5034E-12	.5086E-12	.5033E-12	.4878E-12	.4634E-12	.4319E-12	.3956E-12	.3563E-12	.3178E-12	.2829E-12
20	.2811E-12	.3137E-12	.3502E-12	.3864E-12	.4203E-12	.4497E-12	.4725E-12	.4870E-12	.4919E-12	.4869E-12	.4723E-12	.4495E-12	.4208E-12	.3860E-12	.3490E-12	.3133E-12	.2807E-12
30	.2776E-12	.3063E-12	.3387E-12	.3708E-12	.4010E-12	.4271F-12	.4474E-12	.4604E-12	.4649E-12	.4603E-12	.4473E-12	.4268E-12	.4006E-12	.3705E-12	.3383E-12	.3089E-12	.2778E-12
40	.2729E-12	.2967E-12	.3238E-12	.3508E-12	.3761E-12	.3981E-12	.4154E-12	.4265E-12	.4304E-12	.4264E-12	.4153E-12	.3979E-12	.3750E-12	.3504E-12	.3235E-12	.2963E-12	.2726E-12
50	.2675E-12	.2855E-12	.3067E-12	.3279E-12	.3479E-12	.3654E-12	.3793E-12	.3884E-12	.3916E-12	.3883E-12	.3792E-12	.3652E-12	.3476E-12	.3276E-12	.3064E-12	.2852E-12	.2672E-12
60	.2616E-12	.2758E-12	.2905E-12	.3037E-12	.3163E-12	.3313E-12	.3410E-12	.3460E-12	.3513E-12	.3487E-12	.3417E-12	.3311E-12	.3180E-12	.3034E-12	.2882E-12	.2738E-12	.2613E-12
70	.2555E-12	.2635E-12	.2725E-12	.2820E-12	.2890E-12	.2970E-12	.3051E-12	.3101E-12	.3120E-12	.3100E-12	.3049E-12	.2976E-12	.2888E-12	.2817E-12	.2722E-12	.2634E-12	.2552E-12
80	.2494E-12	.2514E-12	.2546E-12	.2588E-12	.2636E-12	.2695E-12	.2730E-12	.2764E-12	.2777E-12	.2763E-12	.2729E-12	.2684E-12	.2634E-12	.2586E-12	.2544E-12	.2511E-12	.2491E-12
90.	.2436E-12	.2401E-12	.2381E-12	.2375E-12	.2383E-12	.2399E-12	.2419E-12	.2438E-12	.2447E-12	.2438E-12	.2418E-12	.2390E-12	.2381E-12	.2373E-12	.2378E-12	.2390E-12	.2423E-12
100	.2383E-12	.2297E-12	.2213E-12	.2160E-12	.2142E-12	.2131E-12	.2132E-12	.2139E-12	.2143E-12	.2138E-12	.2131E-12	.2130E-12	.2141E-12	.2167E-12	.2211E-12	.2279E-12	.2380E-12
110	.2334E-12	.2187E-12	.2084E-12	.2007E-12	.1953E-12	.1921E-12	.1907E-12	.1906E-12	.1906E-12	.1906E-12	.1906E-12	.1920E-12	.1952E-12	.2005E-12	.2082E-12	.2184E-12	.2331E-12
120	.2274E-12	.2109E-12	.1975E-12	.1872E-12	.1797E-12	.1749E-12	.1723E-12	.1713E-12	.1713E-12	.1713E-12	.1722E-12	.1748E-12	.1796E-12	.1878E-12	.1973E-12	.2107E-12	.2271E-12
130	.2239E-12	.2045E-12	.1886E-12	.1763E-12	.1673E-12	.1612E-12	.1578E-12	.1563E-12	.1561E-12	.1563E-12	.1577E-12	.1612E-12	.1672E-12	.1762E-12	.1884E-12	.2042E-12	.2236E-12
140	.2211E-12	.1994E-12	.1817E-12	.1679E-12	.1577E-12	.1509E-12	.1468E-12	.1450E-12	.1447E-12	.1450E-12	.1468E-12	.1508E-12	.1576E-12	.1678E-12	.1815E-12	.1992E-12	.2209E-12
150	.2191E-12	.1957E-12	.1766E-12	.1618E-12	.1508E-12	.1434E-12	.1389E-12	.1369E-12	.1364E-12	.1368E-12	.1389E-12	.1433E-12	.1507E-12	.1616E-12	.1765E-12	.1955E-12	.2188E-12
160	.2177E-12	.1931E-12	.1732E-12	.1577E-12	.1462E-12	.1384E-12	.1337E-12	.1315E-12	.1310E-12	.1315E-12	.1337E-12	.1383E-12	.1461E-12	.1575E-12	.1730E-12	.1929E-12	.2174E-12
170.	.2169E-12	.1917E-12	.1712E-12	.1553E-12	.1435E-12	.1355E-12	.1306E-12	.1284E-12	.1279E-12	.1284E-12	.1306E-12	.1355E-12	.1435E-12	.1552E-12	.1710E-12	.1914E-12	.2166E-12
180	.2165E-12	.1910E-12	.1703E-12	.1542E-12	.1423E-12	.1342E-12	.1293E-12	.1270E-12	.1265E-12	.1270E-12	.1293E-12	.1341E-12	.1422E-12	.1541E-12	.1701E-12	.1908E-12	.2162E-12
190	.2164E-12	.1908E-12	.1700E-12	.1539E-12	.1420E-12	.1339E-12	.1289E-12	.1266E-12	.1261E-12	.1266E-12	.1289E-12	.1338E-12	.1419E-12	.1538E-12	.1699E-12	.1906E-12	.2161E-12
200	.2164E-12	.1908E-12	.1701E-12	.1539E-12	.1420E-12	.1339E-12	.1290E-12	.1267E-12	.1262E-12	.1266E-12	.1290E-12	.1339E-12	.1420E-12	.1538E-12	.1699E-12	.1906E-12	.2162E-12
210	.2166E-12	.1911E-12	.1705E-12	.1544E-12	.1426E-12	.1345E-12	.1296E-12	.1273E-12	.1268E-12	.1273E-12	.1295E-12	.1344E-12	.1425E-12	.1543E-12	.1703E-12	.1909E-12	.2163E-12
220	.2171E-12	.1921E-12	.1718E-12	.1560E-12	.1444E-12	.1364E-12	.1316E-12	.1294E-12	.1289E-12	.1293E-12	.1316E-12	.1364E-12	.1443E-12	.1559E-12	.1717E-12	.1919E-12	.2169E-12
230	.2183E-12	.1943E-12	.1747E-12	.1595E-12	.1483E-12	.1406E-12	.1360E-12	.1339E-12	.1335E-12	.1339E-12	.1360E-12	.1406E-12	.1482E-12	.1594E-12	.1746E-12	.1941E-12	.2181E-12
240	.2204E-12	.1980E-12	.1798E-12	.1656E-12	.1551E-12	.1480E-12	.1438E-12	.1419E-12	.1416E-12	.1419E-12	.1438E-12	.1480E-12	.1550E-12	.1655E-12	.1796E-12	.1978E-12	.2201E-12
250	.2234E-12	.2036E-12	.1875E-12	.1749E-12	.1657E-12	.1595E-12	.1559E-12	.1544E-12	.1542E-12	.1544E-12	.1559E-12	.1594E-12	.1656E-12	.1747E-12	.1873E-12	.2034E-12	.2232E-12
260	.2276E-12	.2113E-12	.1981E-12	.1879E-12	.1805E-12	.1758E-12	.1732E-12	.1723E-12	.1723E-12	.1723E-12	.1732E-12	.1757E-12	.1804E-12	.1877E-12	.1979E-12	.2111E-12	.2273E-12
270	.2347E-12	.2211E-12	.2110E-12	.2049E-12	.2003E-12	.1976E-12	.1965E-12	.1965E-12	.1968E-12	.1965E-12	.1965E-12	.1975E-12	.2002E-12	.2048E-12	.2116E-12	.2209E-12	.2344E-12
280	.2469E-12	.2348E-12	.2305E-12	.2261E-12	.2251E-12	.2253E-12	.2263E-12	.2275E-12	.2301E-.2	.2275E-12	.2262E-12	.2252E-12	.2249E-12	.2259E-12	.2302E-12	.2346E-12	.2486E-12
290	.2479E-12	.2483E-12	.2501E-12	.2530E-12	.2566E-12	.2606E-12	.2644E-12	.2674E-12	.2686E-12	.2673E-12	.2643E-12	.2605E-12	.2565E-12	.2520E-12	.2499E-12	.2481E-12	.2476E-12
300	.2552E-12	.2629E-12	.2715E-12	.2807E-12	.2876E-12	.2961E-12	.3032E-12	.3081E-12	.3100E-12	.3081E-12	.3031E-12	.2959E-12	.2873E-12	.2805E-12	.2712E-12	.2629E-12	.2549E-12
310	.2624E-13	.2775E-12	.2911E-12	.3071E-12	.3224E-12	.3360E-12	.3470E-12	.3542E-12	.3569E-12	.3542E-12	.3469E-12	.3358E-12	.3222E-12	.3060E-12	.2906E-12	.2772E-12	.2621E-12
320	.2692E-12	.2890E-12	.3120E-12	.3350E-12	.3566E-12	.3755E-12	.3905E-12	.4001E-12	.4035E-12	.4001E-12	.3903E-12	.3753E-12	.3563E-12	.3347E-12	.3117E-12	.2907E-12	.2689E-12
330	.2751E-12	.3011E-12	.3306E-12	.3599E-12	.3874E-12	.4113E-12	.4299E-12	.4419E-12	.4460E-12	.4418E-12	.4297E-12	.4118E-12	.3871E-12	.3595E-12	.3302E-12	.3007E-12	.2747E-12
340.	.2796E-12	.3105E-12	.3452E-12	.3797E-12	.4120E-12	.4400E-12	.4617E-12	.4755E-12	.4803E-12	.4754E-12	.4615E-12	.4397E-12	.4117E-12	.3794E-12	.3449E-12	.3101E-12	.2792E-12
350	.2925E-12	.3167E-12	.3549E-12	.3929E-12	.4284E-12	.4591E-12	.4830E-12	.4980E-12	.5032E-12	.4979E-12	.4828E-12	.4589E-12	.4288E-12	.3925E-12	.3545E-12	.3163E-12	.2822E-12

90. -90.

.2485E-12 .2488E-12

Number of Data Values: 612

Mean Value: .2538E-12

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 700.0
F10: 150.00 F100: 150.00 GI: 15.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80
0.	.7001E-13	.9006E-13	.1030E-12	.1162E-12	.1287E-12	.1390E-12	.1404E-12	.1539E-12	.1550E-12	.1539E-12	.1404E-12	.1397E-12	.1206E-12	.1160E-12	.1029E-12	.8996E-13	.792E-13
10.	.7705E-13	.8971E-13	.1024E-12	.1154E-12	.1277E-12	.1386E-12	.1471E-12	.1525E-12	.1544E-12	.1525E-12	.1470E-12	.1385E-12	.1276E-12	.1153E-12	.1023E-12	.8961E-13	.7776E-13
20.	.7719E-13	.8827E-13	.1001E-12	.1122E-12	.1236E-12	.1337E-12	.1417E-12	.1467E-12	.1485E-12	.1467E-12	.1416E-12	.1336E-12	.1235E-12	.1120E-12	.1000E-12	.8817E-13	.7710E-13
30.	.7669E-13	.8591E-13	.9636E-13	.1070E-12	.1170E-12	.1259E-12	.1329E-12	.1374E-12	.1390E-12	.1374E-12	.1329E-12	.1259E-12	.1170E-12	.1069E-12	.9626E-13	.8561E-13	.7601E-13
40.	.7466E-13	.8284E-13	.9153E-13	.1003E-12	.1087E-12	.1161E-12	.1219E-12	.1257E-12	.1271E-12	.1257E-12	.1219E-12	.1160E-12	.1086E-12	.1002E-12	.9144E-13	.8275E-13	.7458E-13
50.	.7299E-13	.7932E-13	.8604E-13	.9285E-13	.9937E-13	.1052E-12	.1098E-12	.1128E-12	.1139E-12	.1128E-12	.1097E-12	.1051E-12	.9929E-13	.9277E-13	.8595E-13	.7923E-13	.7291E-13
60.	.7110E-13	.7886E-13	.8626E-13	.9308E-13	.9975E-13	.9396E-13	.9730E-13	.9967E-13	.1005E-12	.9965E-13	.9735E-13	.9391E-13	.8969E-13	.8501E-13	.8010E-13	.7540E-13	.7110E-13
70.	.6931E-13	.7175E-13	.7452E-13	.7746E-13	.8043E-13	.8319E-13	.8551E-13	.8713E-13	.8774E-13	.8712E-13	.8549E-13	.8315E-13	.8037E-13	.7740E-13	.7445E-13	.7168E-13	.6924E-13
80.	.6747E-13	.6807E-13	.6905E-13	.7033E-13	.7179E-13	.7331E-13	.7469E-13	.7573E-13	.7615E-13	.7572E-13	.7467E-13	.7327E-13	.7175E-13	.7027E-13	.6899E-13	.6808E-13	.6749E-13
90.	.6572E-13	.6464E-13	.6404E-13	.6388E-13	.6410E-13	.6459E-13	.6520E-13	.6577E-13	.6604E-13	.6577E-13	.6519E-13	.6456E-13	.6406E-13	.6384E-13	.6399E-13	.6458E-13	.6565E-13
100.	.6410E-13	.6153E-13	.5959E-13	.5825E-13	.5746E-13	.5714E-13	.5716E-13	.5737E-13	.5751E-13	.5736E-13	.5715E-13	.5712E-13	.5743E-13	.5821E-13	.5954E-13	.6147E-13	.6403E-13
110.	.6265E-13	.5886E-13	.5575E-13	.5347E-13	.5191E-13	.5097E-13	.5055E-13	.5048E-13	.5053E-13	.5047E-13	.5054E-13	.5096E-13	.5188E-13	.5344E-13	.5571E-13	.5875E-13	.6259E-13
120.	.6140E-13	.5648E-13	.5254E-13	.4954E-13	.4739E-13	.4601E-13	.4526E-13	.4499E-13	.4498E-13	.4499E-13	.4526E-13	.4600E-13	.4737E-13	.4951E-13	.5250E-13	.5643E-13	.6134E-13
130.	.6036E-13	.5459E-13	.4996E-13	.4641E-13	.4384E-13	.4214E-13	.4116E-13	.4076E-13	.4070E-13	.4076E-13	.4116E-13	.4213E-13	.4382E-13	.4638E-13	.4992E-13	.5454E-13	.6038E-13
140.	.5954E-13	.5310E-13	.4796E-13	.4401E-13	.4113E-13	.3923E-13	.3811E-13	.3761E-13	.3752E-13	.3761E-13	.3811E-13	.3923E-13	.4114E-13	.4399E-13	.4792E-13	.5306E-13	.5940E-13
150.	.5892E-13	.5201E-13	.4650E-13	.4228E-13	.3922E-13	.3716E-13	.3594E-13	.3536E-13	.3527E-13	.3538E-13	.3594E-13	.3716E-13	.3921E-13	.4226E-13	.4646E-13	.5196E-13	.5866E-13
160.	.5851E-13	.5127E-13	.4552E-13	.4113E-13	.3795E-13	.3588E-13	.3452E-13	.3392E-13	.3380E-13	.3393E-13	.3452E-13	.3588E-13	.3794E-13	.4111E-13	.4549E-13	.5122E-13	.5845E-13
170.	.5826E-13	.5083E-13	.4495E-13	.4046E-13	.3721E-13	.3501E-13	.3370E-13	.3308E-13	.3296E-13	.3309E-13	.3370E-13	.3501E-13	.3720E-13	.4044E-13	.4492E-13	.5079E-13	.5820E-13
180.	.5815E-13	.5064E-13	.4469E-13	.4016E-13	.3687E-13	.3466E-13	.3333E-13	.3271E-13	.3257E-13	.3271E-13	.3333E-13	.3465E-13	.3687E-13	.4014E-13	.4466E-13	.5059E-13	.5809E-13
190.	.5812E-13	.5059E-13	.4462E-13	.4008E-13	.3679E-13	.3457E-13	.3324E-13	.3261E-13	.3248E-13	.3262E-13	.3324E-13	.3457E-13	.3678E-13	.4007E-13	.4459E-13	.5055E-13	.5806E-13
200.	.5812E-13	.5059E-13	.4463E-13	.4009E-13	.3680E-13	.3458E-13	.3324E-13	.3262E-13	.3249E-13	.3262E-13	.3324E-13	.3457E-13	.3679E-13	.4007E-13	.4460E-13	.5055E-13	.5807E-13
210.	.5817E-13	.5069E-13	.4474E-13	.4022E-13	.3694E-13	.3473E-13	.3340E-13	.3278E-13	.3265E-13	.3279E-13	.3340E-13	.3473E-13	.3693E-13	.4020E-13	.4471E-13	.5063E-13	.5811E-13
220.	.5824E-13	.5087E-13	.4513E-13	.4067E-13	.3744E-13	.3526E-13	.3396E-13	.3335E-13	.3322E-13	.3335E-13	.3396E-13	.3526E-13	.3743E-13	.4066E-13	.4510E-13	.5093E-13	.5820E-13
230.	.5830E-13	.5100E-13	.4596E-13	.4165E-13	.3852E-13	.3641E-13	.3516E-13	.3458E-13	.3447E-13	.3458E-13	.3516E-13	.3641E-13	.3851E-13	.4163E-13	.4593E-13	.5156E-13	.5844E-13
240.	.5931E-13	.5269E-13	.4741E-13	.4336E-13	.4042E-13	.3845E-13	.3729E-13	.3677E-13	.3667E-13	.3677E-13	.3729E-13	.3844E-13	.4041E-13	.4334E-13	.4738E-13	.5265E-13	.5925E-13
250.	.6022E-13	.5433E-13	.4962E-13	.4600E-13	.4338E-13	.4164E-13	.4064E-13	.4022E-13	.4015E-13	.4022E-13	.4063E-13	.4163E-13	.4336E-13	.4597E-13	.4958E-13	.5429E-13	.6016E-13
260.	.6147E-13	.5668E-13	.5271E-13	.4974E-13	.4762E-13	.4626E-13	.4553E-13	.4527E-13	.4526E-13	.4527E-13	.4552E-13	.4625E-13	.4760E-13	.4971E-13	.5267E-13	.5655E-13	.6140E-13
270.	.6304E-13	.5953E-13	.5676E-13	.5473E-13	.5336E-13	.5258E-13	.5226E-13	.5226E-13	.5234E-13	.5226E-13	.5225E-13	.5256E-13	.5333E-13	.5469E-13	.5672E-13	.5947E-13	.6297E-13
280.	.6498E-13	.6307E-13	.6179E-13	.6102E-13	.6071E-13	.6078E-13	.6100E-13	.6146E-13	.6167E-13	.6145E-13	.6107E-13	.6075E-13	.6068E-13	.6090E-13	.6171E-13	.6301E-13	.6484E-13
290.	.6708E-13	.6714E-13	.6760E-13	.6855E-13	.6966E-13	.7088E-13	.7204E-13	.7295E-13	.7333E-13	.7294E-13	.7202E-13	.7085E-13	.6962E-13	.6858E-13	.6762E-13	.6707E-13	.6693E-13
300.	.6921E-13	.7156E-13	.7422E-13	.7700E-13	.7996E-13	.8265E-13	.8492E-13	.8650E-13	.8711E-13	.8649E-13	.8489E-13	.8261E-13	.7990E-13	.7702E-13	.7415E-13	.7148E-13	.6914E-13
310.	.7143E-13	.7600E-13	.8107E-13	.8616E-13	.9108E-13	.9550E-13	.9908E-13	.1015E-12	.1023E-12	.1015E-12	.9905E-13	.9545E-13	.9102E-13	.8609E-13	.8099E-13	.7600E-13	.7156E-13
320.	.7352E-13	.8042E-13	.8774E-13	.9516E-13	.1022E-12	.1080E-12	.1135E-12	.1160E-12	.1179E-12	.1167E-12	.1135E-12	.1085E-12	.1022E-12	.9507E-13	.8765E-13	.8033E-13	.7343E-13
330.	.7532E-13	.8424E-13	.9372E-13	.1033E-12	.1125E-12	.1205E-12	.1269E-12	.1310E-12	.1324E-12	.1310E-12	.1260E-12	.1205E-12	.1124E-12	.1032E-12	.9363E-13	.8414E-13	.7523E-13
340.	.7672E-13	.8725E-13	.9656E-13	.1099E-12	.1208E-12	.1304E-12	.1379E-12	.1427E-12	.1444E-12	.1427E-12	.1378E-12	.1303E-12	.1207E-12	.1098E-12	.9640E-13	.8716E-13	.7663E-13
350.	.7763E-13	.8924E-13	.1017E-12	.1143E-12	.1264E-12	.1370E-12	.1453E-12	.1506E-12	.1524E-12	.1506E-12	.1452E-12	.1369E-12	.1263E-12	.1142E-12	.1016E-12	.8914E-13	.7754E-13

80. -80.

.6721E-13 .6729E-13

Number of Data Values: 612

Mean Value: .7050E-13

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1978 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 705.0
F10: 150.00 F10B: 150.00 GI: 15.00 (+-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50	-40.	-30.	-20.	-10.	0.	10.	20.	30.	40	50	60.	70.	80.
0.	.7344E-13	.8483E-13	.9707E-13	.1095E-12	.1214E-12	.1319E-12	.1402E-12	.1454E-12	.1472E-12	.1454E-12	.1401E-12	.1319E-12	.1213E-12	.1094E-12	.9697E-13	.8474E-13	.7336E-13
10.	.7329E-13	.8458E-13	.9654E-13	.1088E-12	.1205E-12	.1308E-12	.1389E-12	.1440E-12	.1458E-12	.1440E-12	.1388E-12	.1307E-12	.1204E-12	.1087E-12	.9643E-13	.8440E-13	.7306E-13
20.	.7266E-13	.8314E-13	.9435E-13	.1057E-12	.1166E-12	.1262E-12	.1337E-12	.1385E-12	.1402E-12	.1385E-12	.1337E-12	.1261E-12	.1165E-12	.1056E-12	.9425E-13	.8304E-13	.7258E-13
30.	.7163E-13	.8098E-13	.9079E-13	.1008E-12	.1104E-12	.1188E-12	.1254E-12	.1297E-12	.1312E-12	.1297E-12	.1254E-12	.1187E-12	.1103E-12	.1007E-12	.9070E-13	.8001E-13	.7155E-13
40.	.7028E-13	.7881E-13	.8822E-13	.9454E-13	.1025E-12	.1095E-12	.1150E-12	.1186E-12	.1199E-12	.1186E-12	.1150E-12	.1094E-12	.1024E-12	.9445E-13	.8614E-13	.7792E-13	.7020E-13
50.	.6878E-13	.7468E-13	.8103E-13	.8747E-13	.9364E-13	.9912E-13	.1035E-12	.1064F-12	.1074F-12	.1063E-12	.1035E-12	.9906E-13	.9357E-13	.8739E-13	.8095E-13	.7460E-13	.6863E-13
60.	.6699E-13	.7112E-13	.7557E-13	.8012E-13	.8454E-13	.8852E-13	.9176E-13	.9392E-13	.9472E-13	.93y1E-13	.917JE-13	.8848E-13	.8446E-13	.8006E-13	.7553E-13	.7105E-13	.6692E-13
70.	.6523E-13	.6753E-13	.7014E-13	.7293E-13	.7572E-13	.7833E-13	.8053E-13	.8206E-13	.8264E-13	.8205E-13	.8051E-13	.7838E-13	.7567E-13	.7287E-13	.7008E-13	.6746E-13	.6516E-13
80.	.6349E-13	.6486E-13	.6690E-13	.6610E-13	.6757E-13	.6900E-13	.7030E-13	.7128E-13	.7169E-13	.7128E 13	.7029E-13	.6897E-13	.6753E-13	.6613E-13	.6492E-13	.6399E-13	.6342E-13
90.	.6183E-13	.6002E-13	.6025E-13	.6011E-13	.6031E-13	.6077E-13	.6135E-13	.6189E-13	.6214E-13	.6188E-13	.6134E-13	.6074E-13	.6027E-13	.6006E-13	.6020E-13	.6076E-13	.6177E-13
100.	.6031E-13	.5780E-13	.5605E-13	.5479E-13	.5405E-13	.5375E-13	.5377E-13	.5396E-13	.5410E-13	.5396E-13	.5376E-13	.5373E-13	.5403E-13	.5476E-13	.5601E-13	.5787E-13	.6024E-13
110.	.5894E-13	.5531E-13	.5244E-13	.5029E-13	.4882E-13	.4794E-13	.4754E-13	.4747E-13	.4753E-13	.4747E-13	.4753E-13	.4793E-13	.4880E-13	.5026E-13	.5240E-13	.5526E-13	.5888E-13
120.	.5776E-13	.5313E-13	.4942E-13	.4659E-13	.4457E-13	.4327E-13	.4257E-13	.4232E-13	.4231E-13	.4231E-13	.4256E-13	.4326E-13	.4455E-13	.4657E-13	.4930E-13	.5288E-13	.5770E-13
130.	.5678E-13	.5134E-13	.4698E-13	.4364E-13	.4123E-13	.3963E-13	.3871E-13	.3833E-13	.3828E-13	.3835E-13	.3871E-13	.3962E-13	.4122E-13	.4362E-13	.4695E-13	.5138E-13	.5673E-13
140.	.5601E-13	.4994E-13	.4510E-13	.4139E-13	.3870E-13	.3690E-13	.3584E-13	.3538E-13	.3529E-13	.3538E-13	.3584E-13	.3689E-13	.3869E-13	.4137E-13	.4507E-13	.4990E-13	.5595E-13
150.	.5543E-13	.4891E-13	.4373E-13	.3977E-13	.3689E-13	.3495E-13	.3381E-13	.3328E-13	.3318E-13	.3328E-13	.3381E-13	.3495E-13	.3688E-13	.3975E-13	.4370E-13	.4887E-13	.5537E-13
160.	.5503E-13	.4822E-13	.4281E-13	.3868E-13	.3569E-13	.3367E-13	.3247E-13	.3191E-13	.3180E-13	.3192E-13	.3247E-13	.3367E-13	.3568E-13	.3867E-13	.4270E-13	.4816E-13	.5490E-13
170.	.5480E-13	.4781E-13	.4227E-13	.3805E-13	.3500E-13	.3293E-13	.3170E-13	.3113E-13	.3100E-13	.3113E-13	.3170E-13	.3293E-13	.3499F-13	.3804E-13	.4224E-13	.4777E-13	.5475E-13
180.	.5478E-13	.4762E-13	.4203E-13	.3777E-13	.3468E-13	.3260E-13	.3135E-13	.3077E-13	.3065E-13	.3077E-13	.3135E-13	.3260E-13	.3460E-13	.3760E-13	.4194E-13	.4754E-13	.5464E-13
190.	.5467E-13	.4758E-13	.4197E-13	.3778E-13	.3461E-13	.3252E-13	.3127E-13	.3068E-13	.3056E-13	.3069E-13	.3127E-13	.3252E-13	.3461E-13	.3769E-13	.4194E-13	.4754E-13	.5462E-13
200.	.5467E-13	.4758E-13	.4197E-13	.3778E-13	.3461E-13	.3253E-13	.3128E-13	.1069E-13	.3057E-13	.3069E-13	.3128E-13	.3252E-13	.3474E-13	.3781E-13	.4205E-13	.4762E-13	.5467E-13
210.	.5472E-13	.4766E-13	.4208E-13	.3783E-13	.3475E-13	.3267E-13	.3142E-13	.3084E-13	.3072E-13	.3085E-13	.3143E-13	.3267E-13	.3521E-13	.3824E-13	.4241E-13	.4790E-13	.5482E-13
220.	.5480E-13	.4794E-13	.4244E-13	.3825F-13	.3522E-13	.3317E-13	.3194E-13	.3137E-13	.3126E-13	.3138E-13	.3194E-13	.3317E-13	.3622E-13	.3916E-13	.4328E-13	.4849E-13	.5516E-13
230.	.5521E-13	.4853E-13	.4322E-13	.3917E-13	.3623E-13	.3425E-13	.3307E-13	.3253E-13	.3242E-13	.3253E-13	.3307E-13	.3425E-13	.3622E-13	.3901E-13	.4376E-13	.4952E-13	.5574E-13
240.	.5579E-13	.4956E-13	.4459E-13	.4070E-13	.3802E-13	.3614E-13	.3507E-13	.3458E-13	.3449E-13	.3458E-13	.3507E-13	.361bE-13	.3801E-13	.4076E-13	.4324E-13	.4663E-13	.5186E-13
250.	.5665E-13	.5111E-13	.4666E-13	.4326E-13	.4080E-13	.3916E-13	.3822E-13	.3782E-13	.3777E-13	.3782E-13	.3822E-13	.3915E-13	.4078E-13	.4324E-13	.4663E-13	.5186E-13	.5660E-13
260.	.5782E-13	.5324E-13	.4958E-13	.4670E-13	.4479E-13	.4350E-13	.4282E-13	.4257E-13	.4257E-13	.4257E-13	.4281E-13	.4349E-13	.4477E-13	.4675E-13	.4954E-13	.5319E-13	.5777E-13
270.	.5931E-13	.5599E-13	.5339E-13	.5140E-13	.5019E-13	.4945E-13	.4916E-13	.4915E-13	.4923E-13	.4915E-13	.4915E-13	.4944E-13	.5016E-13	.5144E-13	.5335E-13	.5594E-13	.5925E-13
280.	.6107E-13	.5934E-13	.5812E-13	.5740E-13	.5711E-13	.5717E-13	.5746E-13	.5782E-13	.5801E-13	.5781E-13	.5745E-13	.5715E-13	.5709E-13	.5736E-13	.5808E-13	.5926E-13	.6100E-13
290.	.6304E-13	.6310E-13	.6360E-13	.6451E-13	.6556E-13	.6671E-13	.6781E-13	.6866E-13	.6902E-13	.6865E-13	.6779E-13	.6660E-13	.6552E-13	.6446E-13	.6363E-13	.6311E-13	.6297E-13
300.	.6514E-13	.6735E-13	.6906E-13	.7256E-13	.7520E-13	.7782E-13	.7997E-13	.8147E-13	.8204E-13	.8145E-13	.7994E-13	.7779E-13	.7523E-13	.7250E-13	.6980E-13	.6720E-13	.6507E-13
310.	.6723E-13	.7162E-13	.7633E-13	.8114E-13	.8579E-13	.8998E-13	.9337E-13	.9563E-13	.9645E-13	.9561E-13	.9334E-13	.8997E-13	.8573E-13	.8107E-13	.7625E-13	.7155E-13	.6716E-13
320.	.6926E-13	.7571E-13	.8264E-13	.8965E-13	.9635E-13	.1023E-12	.1070E-12	.1101E-12	.1112E-12	.1101E-12	.1070E-12	.1022E-12	.9628E-13	.8957E-13	.8256E-13	.7563E-13	.6912E-13
330.	.7090E-13	.7933E-13	.9730E-13	.1060E-12	.1137E-12	.1197E-12	.1236E-12	.1250E-12	.1236E-12	.1197E-12	.1136E-12	.1060E-12	.9749E-13	.8821F-13	.7924E-13	.7092E-13	
340.	.7222E-13	.8210E-13	.9202E-13	.1036E-12	.1139E-12	.1234E-12	.1302E-12	.1347E-12	.1363E-12	.1347E-12	.1301E-12	.1229E-12	.1130E-12	.1035E-12	.9272E-13	.8209E-13	.7214E-13
350.	.7300E-13	.8485E-13	.9582E-13	.1079E-12	.1192E-12	.1293E-12	.1372E-12	.1422E-12	.1440E-12	.1422E-12	.1371E-12	.1292E-12	.1191E-12	.1077E-12	.9572E-13	.8396E-13	.7300E-13

Number of Data Values: 612

Mean Value: .6640E-13

90. -90.

.6324E-13 .6331E-13

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE: 750.0
F10 150.00 F10B: 150.00 GI: 15.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	-80.	-70.	(-SOUTH) LATITUDES (+NORTH) -60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0.	.4351E-13	.5041E-13	.5790E-13	.6599E-13	.7301E-13	.7958E-13	.8477E-13	.8808E-13	.8922E-13	.8807E-13	.8473E-13	.7984E-13	.7295E-13	.6554E-13	.5784E-13	.5036E-13	.4347E-13
10.	.4342E-13	.5021E-13	.5757E-13	.6513E-13	.7241E-13	.7887E-13	.8396E-13	.8722E-13	.8834E-13	.8720E-13	.8393E-13	.7883E-13	.7236E-13	.6507E-13	.5751E-13	.5016E-13	.4338E-13
20.	.4304E-13	.4938E-13	.5623E-13	.6325E-13	.7000E-13	.7599E-13	.8071E-13	.8375E-13	.8479E-13	.8373E-13	.8068E-13	.7594E-13	.6995E-13	.6319E-13	.5617E-13	.4933E-13	.4308E-13
30.	.4242E-13	.4802E-13	.5405E-13	.6020E-13	.6612E-13	.7136E-13	.7552E-13	.7819E-13	.7912E-13	.7818E-13	.7549E-13	.7133E-13	.6607E-13	.6018E-13	.5408E-13	.4798E-13	.4238E-13
40.	.4161E-13	.4627E-13	.5126E-13	.5634E-13	.6122E-13	.6556E-13	.6901E-13	.7125E-13	.7203E-13	.7124E-13	.6899E-13	.6553E-13	.6118E-13	.5630E-13	.5121E-13	.4623E-13	.4157E-13
50.	.4066E-13	.4426E-13	.4818E-13	.5202E-13	.5579E-13	.5916E-13	.6186E-13	.6363E-13	.6427E-13	.6362E-13	.6184E-13	.5913E-13	.5575E-13	.5190E-13	.4806E-13	.4422E-13	.4063E-13
60.	.3964E-13	.4212E-13	.4479E-13	.4759E-13	.5023E-13	.5266E-13	.5464E-13	.5597E-13	.5645E-13	.5596E-13	.5462E-13	.5264E-13	.5020E-13	.4752E-13	.4476E-13	.4208E-13	.3960E-13
70.	.3858E-13	.3996E-13	.4152E-13	.4320E-13	.4489E-13	.4647E-13	.4780E-13	.4873E-13	.4908E-13	.4872E-13	.4779E-13	.4645E-13	.4486E-13	.4317E-13	.4149E-13	.3993E-13	.3858E-13
80.	.3754E-13	.3788E-13	.3843E-13	.3915E-13	.3990E-13	.4064E-13	.4162E-13	.4221E-13	.4246E-13	.4221E-13	.4162E-13	.4083E-13	.3986E-13	.3913E-13	.3841E-13	.3788E-13	.3751E-13
90.	.3656E-13	.3595E-13	.3562E-13	.3553E-13	.3565E-13	.3592E-13	.3627E-13	.3659E-13	.3674E-13	.3659E-13	.3627E-13	.3591E-13	.3564E-13	.3551E-13	.3559E-13	.3592E-13	.3653E-13
100.	.3565E-13	.3421E-13	.3313E-13	.3238E-13	.3194E-13	.3176E-13	.3178E-13	.3189E-13	.3197E-13	.3189E-13	.3177E-13	.3176E-13	.3193E-13	.3237E-13	.3311E-13	.3419E-13	.3562E-13
110.	.3484E-13	.3269E-13	.3099E-13	.2973E-13	.2887E-13	.2835E-13	.2812E-13	.2808E-13	.2811E-13	.2808E-13	.2811E-13	.2835E-13	.2866E-13	.2972E-13	.3098E-13	.3267E-13	.3481E-13
120.	.3414E-13	.3140E-13	.2922E-13	.2756E-13	.2638E-13	.2562E-13	.2521E-13	.2507E-13	.2506E-13	.2507E-13	.2521E-13	.2562E-13	.2638E-13	.2755E-13	.2920E-13	.3138E-13	.3411E-13
130.	.3356E-13	.3035E-13	.2779E-13	.2584E-13	.2444E-13	.2351E-13	.2298E-13	.2276E-13	.2273E-13	.2276E-13	.2298E-13	.2351E-13	.2443E-13	.2583E-13	.2778E-13	.3033E-13	.3353E-13
140.	.3310E-13	.2952E-13	.2669E-13	.2453E-13	.2297E-13	.2193E-13	.2132E-13	.2105E-13	.2101E-13	.2106E-13	.2132E-13	.2193E-13	.2297E-13	.2452E-13	.2668E-13	.2951E-13	.3307E-13
150.	.3276E-13	.2892E-13	.2569E-13	.2359E-13	.2192E-13	.2081E-13	.2015E-13	.1985E-13	.1979E-13	.1985E-13	.2015E-13	.2081E-13	.2192E-13	.2358E-13	.2568E-13	.2890E-13	.3273E-13
160.	.3252E-13	.2851E-13	.2535E-13	.2296E-13	.2123E-13	.2007E-13	.1938E-13	.1907E-13	.1900E-13	.1907E-13	.1939E-13	.2008E-13	.2123E-13	.2296E-13	.2534E-13	.2850E-13	.3250E-13
170.	.3239E-13	.2827E-13	.2504E-13	.2260E-13	.2083E-13	.1965E-13	.1894E-13	.1861E-13	.1855E-13	.1862E-13	.1895E-13	.1965E-13	.2084E-13	.2259E-13	.2503E-13	.2826E-13	.3234E-13
180.	.3232E-13	.2816E-13	.2490E-13	.2243E-13	.2065E-13	.1946E-13	.1874E-13	.1841E-13	.1834E-13	.1841E-13	.1875E-13	.1946E-13	.2065E-13	.2243E-13	.2489E-13	.2815E-13	.3230E-13
190.	.3231E-13	.2814E-13	.2486E-13	.2239E-13	.2061E-13	.1941E-13	.1870E-13	.1836E-13	.1829E-13	.1837E-13	.1870E-13	.1941E-13	.2061E-13	.2239E-13	.2485E-13	.2812E-13	.3229E-13
200.	.3231E-13	.2814E-13	.2487E-13	.2239E-13	.2061E-13	.1942E-13	.1870E-13	.1837E-13	.1830E-13	.1837E-13	.1870E-13	.1942E-13	.2061E-13	.2239E-13	.2486E-13	.2813E-13	.3229E-13
210.	.3234E-13	.2819E-13	.2493E-13	.2246E-13	.2069E-13	.1950E-13	.1879E-13	.1845E-13	.1838E-13	.1846E-13	.1879E-13	.1950E-13	.2069E-13	.2246E-13	.2492E-13	.2817E-13	.3231E-13
220.	.3243E-13	.2835E-13	.2514E-13	.2271E-13	.2096E-13	.1978E-13	.1908E-13	.1876E-13	.1869E-13	.1876E-13	.1909E-13	.1979E-13	.2096E-13	.2271E-13	.2513E-13	.2833E-13	.3241E-13
230.	.3263E-13	.2870E-13	.2559E-13	.2324E-13	.2155E-13	.2041E-13	.1973E-13	.1942E-13	.1936E-13	.1942E-13	.1973E-13	.2041E-13	.2155E-13	.2324E-13	.2559E-13	.2868E-13	.3261E-13
240.	.3297E-13	.2930E-13	.2639E-13	.2417E-13	.2258E-13	.2151E-13	.2088E-13	.2060E-13	.2055E-13	.2060E-13	.2088E-13	.2151E-13	.2258E-13	.2417E-13	.2638E-13	.2928E-13	.3295E-13
250.	.3348E-13	.3021E-13	.2760E-13	.2561E-13	.2418E-13	.2324E-13	.2269E-13	.2246E-13	.2243E-13	.2247E-13	.2269E-13	.2324E-13	.2418E-13	.2561E-13	.2759E-13	.3019E-13	.3346E-13
260.	.3417E-13	.3146E-13	.2931E-13	.2767E-13	.2651E-13	.2576E-13	.2536E-13	.2522E-13	.2522E-13	.2522E-13	.2536E-13	.2576E-13	.2650E-13	.2766E-13	.2929E-13	.3145E-13	.3415E-13
270.	.3505E-13	.3309E-13	.3155E-13	.3042E-13	.2967E-13	.2923E-13	.2906E-13	.2906E-13	.2911E-13	.2906E-13	.2906E-13	.2923E-13	.2966E-13	.3041E-13	.3154E-13	.3307E-13	.3503E-13
280.	.3610E-13	.3507E-13	.3435E-13	.3392E-13	.3375E-13	.3379E-13	.3396E-13	.3417E-13	.3429E-13	.3417E-13	.3396E-13	.3378E-13	.3374E-13	.3391E-13	.3433E-13	.3505E-13	.3607E-13
290.	.3728E-13	.3736E-13	.3766E-13	.3815E-13	.3878E-13	.3952E-13	.4013E-13	.4064E-13	.4085E-13	.4064E-13	.4012E-13	.3946E-13	.3876E-13	.3813E-13	.3763E-13	.3733E-13	.3725E-13
300.	.3853E-13	.3985E-13	.4136E-13	.4299E-13	.4462E-13	.4616E-13	.4746E-13	.4837E-13	.4871E-13	.4836E-13	.4745E-13	.4614E-13	.4460E-13	.4295E-13	.4133E-13	.3982E-13	.3849E-13
310.	.3978E-13	.4242E-13	.4525E-13	.4817E-13	.5100E-13	.5355E-13	.5563E-13	.5701E-13	.5752E-13	.5701E-13	.5561E-13	.5353E-13	.5097E-13	.4813E-13	.4522E-13	.4238E-13	.3975E-13
320.	.4096E-13	.4488E-13	.4908E-13	.5335E-13	.5746E-13	.6112E-13	.6404E-13	.6596E-13	.6664E-13	.6595E-13	.6402E-13	.6109E-13	.5742E-13	.5331E-13	.4903E-13	.4484E-13	.4092E-13
330.	.4198E-13	.4707E-13	.5252E-13	.5809E-13	.6343E-13	.6818E-13	.7194E-13	.7437E-13	.7522E-13	.7436E-13	.7191E-13	.6814E-13	.6337E-13	.5804E-13	.5240E-13	.4708E-13	.4194E-13
340.	.4278E-13	.4888E-13	.5529E-13	.6193E-13	.6832E-13	.7399E-13	.7846E-13	.8134E-13	.8233E-13	.8133E-13	.7843E-13	.7395E-13	.6827E-13	.6188E-13	.5524E-13	.4873E-13	.4274E-13
350.	.4329E-13	.4994E-13	.5713E-13	.6451E-13	.7162E-13	.7792E-13	.8289E-13	.8608E-13	.8717E-13	.8606E-13	.8286E-13	.7788E-13	.7157E-13	.6446E-13	.5707E-13	.4989E-13	.4328E-13

90. -90.

.3741E-13 .3744E-13

Number of Data Values: 612

Mean Value: .3954E-13

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 800.0
F10: 150.00 F10B: 150.00 GI: 15.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -90	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0.	.2550E-13	.2951E-13	.3391E-13	.3846E-13	.4288E-13	.4603E-13	.4996E-13	.5198E-13	.5267E-13	.5197E-13	.4995E-13	.4681E-13	.4286E-13	.3843E-13	.3388E-13	.2949E-13	.2549E-13
10.	.2545E-13	.2940E-13	.3371E-13	.3818E-13	.4253E-13	.4640E-13	.4948E-13	.5145E-13	.5213E-13	.5144E-13	.4946E-13	.4638E-13	.4250E-13	.3816E-13	.3369E-13	.2938E-13	.2544E-13
20.	.2523E-13	.2891E-13	.3292E-13	.3707E-13	.4108E-13	.4467E-13	.4751E-13	.4935E-13	.4998E-13	.4934E-13	.4750E-13	.4465E-13	.4106E-13	.3704E-13	.3290E-13	.2869E-13	.2522E-13
30.	.2488E-13	.2812E-13	.3164E-13	.3527E-13	.3877E-13	.4190E-13	.4439E-13	.4600E-13	.4655E-13	.4599E-13	.4437E-13	.4180E-13	.3875E-13	.3524E-13	.3162E-13	.2810E-13	.2496E-13
40.	.2441E-13	.2710E-13	.3001E-13	.3299E-13	.3587E-13	.3844E-13	.4049E-13	.4183E-13	.4230E-13	.4183E-13	.4048E-13	.3843E-13	.3585E-13	.3297E-13	.2999E-13	.2709E-12	.2439E-13
50.	.2386E-13	.2594E-13	.2817E-13	.3045E-13	.3266E-13	.3465E-13	.3624E-13	.3730E-13	.3767E-13	.3729E-13	.3624E-13	.3464E-13	.3265E-13	.3044E-13	.2815E-13	.2592E-13	.2389E-13
60.	.2327E-13	.2478E-13	.2625E-13	.2785E-13	.2941E-13	.3083E-13	.3199E-13	.3277E-13	.3306E-13	.3277E-13	.3190E-13	.3082E-13	.2940E-13	.2784E-13	.2624E-13	.2469E-13	.2328E-13
70.	.2267E-13	.2346E-13	.2436E-13	.2533E-13	.2630E-13	.2722E-13	.2799E-13	.2853E-13	.2874E-13	.2853E-13	.2799E-13	.2721E-13	.2630E-13	.2532E-13	.2438E-13	.2349E-13	.2266E-13
80.	.2207E-13	.2227E-13	.2258E-13	.2299E-13	.2347E-13	.2397E-13	.2442E-13	.2476E-13	.2490E-13	.2476E-13	.2442E-13	.2396E-13	.2347E-13	.2299E-13	.2257E-13	.2226E-13	.2206E-13
90.	.2150E-13	.2116E-13	.2097E-13	.2092E-13	.2099E-13	.2114E-13	.2134E-13	.2153E-13	.2161E-13	.2153E-13	.2134E-13	.2114E-13	.2098E-13	.2091E-13	.2096E-13	.2119E-13	.2158E-13
100.	.2099E-13	.2016E-13	.1955E-13	.1912E-13	.1888E-13	.1877E-13	.1878E-13	.1885E-13	.1890E-13	.1885E-13	.1878E-13	.1877E-13	.1888E-13	.1912E-13	.1954E-13	.2016E-13	.2099E-13
110.	.2052E-13	.1938E-13	.1833E-13	.1762E-13	.1713E-13	.1684E-13	.1671E-13	.1669E-13	.1671E-13	.1669E-13	.1671E-13	.1684E-13	.1713E-13	.1762E-13	.1833E-13	.1928E-13	.2058E-13
120.	.2012E-13	.1857E-13	.1733E-13	.1639E-13	.1573E-13	.1538E-13	.1507E-13	.1499E-13	.1499E-13	.1499E-13	.1500E-13	.1531E-13	.1573E-13	.1639E-13	.1733E-13	.1886E-13	.2015E-13
130.	.1979E-13	.1797E-13	.1652E-13	.1542E-13	.1464E-13	.1412E-13	.1382E-13	.1370E-13	.1368E-13	.1370E-13	.1382E-13	.1412E-13	.1464E-13	.1543E-13	.1652E-13	.1797E-13	.1979E-13
140.	.1953E-13	.1758E-13	.1598E-13	.1469E-13	.1361E-13	.1323E-13	.1289E-13	.1274E-13	.1272E-13	.1275E-13	.1290E-13	.1324E-13	.1382E-13	.1469E-13	.1598E-13	.1758E-13	.1953E-13
150.	.1934E-13	.1716E-13	.1545E-13	.1416E-13	.1323E-13	.1261E-13	.1224E-13	.1207E-13	.1204E-13	.1207E-13	.1224E-13	.1261E-13	.1323E-13	.1416E-13	.1545E-13	.1716E-13	.1933E-13
160.	.1920E-13	.1693E-13	.1515E-13	.1381E-13	.1284E-13	.1220E-13	.1181E-13	.1163E-13	.1160E-13	.1164E-13	.1182E-13	.1220E-13	.1285E-13	.1381E-13	.1515E-13	.1693E-13	.1920E-13
170.	.1913E-13	.1679E-13	.1497E-13	.1360E-13	.1262E-13	.1196E-13	.1157E-13	.1138E-13	.1135E-13	.1139E-13	.1157E-13	.1196E-13	.1262E-13	.1361E-13	.1498E-13	.1679E-13	.1912E-13
180.	.1909E-13	.1673E-13	.1489E-13	.1351E-13	.1252E-13	.1185E-13	.1145E-13	.1127E-13	.1123E-13	.1127E-13	.1146E-13	.1186E-13	.1252E-13	.1352E-13	.1490E-13	.1673E-13	.1909E-13
190.	.1908E-13	.1672E-13	.1487E-13	.1349E-13	.1249E-13	.1183E-13	.1143E-13	.1124E-13	.1120E-13	.1125E-13	.1143E-13	.1183E-13	.1250E-13	.1349E-13	.1489E-13	.1672E-13	.1908E-13
200.	.1908E-13	.1672E-13	.1488E-13	.1349E-13	.1250E-13	.1183E-13	.1143E-13	.1124E-13	.1121E-13	.1125E-13	.1143E-13	.1183E-13	.1250E-13	.1350E-13	.1488E-13	.1672E-13	.1908E-13
210.	.1910E-13	.1675E-13	.1491E-13	.1353E-13	.1254E-13	.1187E-13	.1148E-13	.1129E-13	.1126E-13	.1130E-13	.1148E-13	.1188E-13	.1254E-13	.1354E-13	.1491E-13	.1675E-13	.1909E-13
220.	.1915E-13	.1684E-13	.1503E-13	.1367E-13	.1269E-13	.1203E-13	.1164E-13	.1146E-13	.1143E-13	.1147E-13	.1165E-13	.1204E-13	.1270E-13	.1367E-13	.1503E-13	.1684E-13	.1915E-13
230.	.1926E-13	.1703E-13	.1529E-13	.1397E-13	.1302E-13	.1238E-13	.1200E-13	.1183E-13	.1180E-13	.1183E-13	.1201E-13	.1239E-13	.1302E-13	.1397E-13	.1529E-13	.1703E-13	.1926E-13
240.	.1946E-13	.1737E-13	.1573E-13	.1449E-13	.1359E-13	.1300E-13	.1264E-13	.1249E-13	.1246E-13	.1249E-13	.1265E-13	.1300E-13	.1360E-13	.1449E-13	.1573E-13	.1737E-13	.1945E-13
250.	.1975E-13	.1709E-13	.1642E-13	.1530E-13	.1449E-13	.1396E-13	.1366E-13	.1353E-13	.1351E-13	.1354E-13	.1366E-13	.1397E-13	.1450E-13	.1530E-13	.1642E-13	.1709E-13	.1974E-13
260.	.2014E-13	.1960E-13	.1738E-13	.1646E-13	.1580E-13	.1538E-13	.1515E-13	.1508E-13	.1508E-13	.1508E-13	.1516E-13	.1538E-13	.1580E-13	.1646E-13	.1738E-13	.1960E-13	.2014E-13
270.	.2065E-13	.1953E-13	.1865E-13	.1801E-13	.1758E-13	.1734E-13	.1724E-13	.1724E-13	.1727E-13	.1725E-13	.1729E-13	.1734E-13	.1759E-13	.1801E-13	.1865E-13	.1952E-13	.2064E-13
280.	.2124E-13	.2066E-13	.2025E-13	.2000E-13	.1991E-13	.1993E-13	.2002E-13	.2015E-13	.2021E-13	.2015E-13	.2003E-13	.1993E-13	.1990E-13	.2000E-13	.2024E-13	.2065E-13	.2124E-13
290.	.2192E-13	.2196E-13	.2214E-13	.2242E-13	.2278E-13	.2318E-13	.2356E-13	.2385E-13	.2396E-13	.2385E-13	.2355E-13	.2317E-13	.2278E-13	.2241E-13	.2213E-13	.2196E-13	.2191E-13
300.	.2263E-13	.2339E-13	.2426E-13	.2520E-13	.2615E-13	.2704E-13	.2780E-13	.2832E-13	.2853E-13	.2832E-13	.2779E-13	.2703E-13	.2614E-13	.2519E-13	.2428E-13	.2350E-13	.2286E-13
310.	.2335E-13	.2487E-13	.2651E-13	.2821E-13	.2986E-13	.3135E-13	.3257E-13	.3339E-13	.3369E-13	.3330E-13	.3256E-13	.3134E-13	.2985E-13	.2819E-13	.2650E-13	.2486E-13	.2334E-13
320.	.2403E-13	.2630E-13	.2874E-13	.3123E-13	.3365E-13	.3581E-13	.3754E-13	.3868E-13	.3908E-13	.3867E-13	.3753E-13	.3579E-13	.3363E-13	.3122E-13	.2872E-13	.2628E-13	.2402E-13
330.	.2462E-13	.2757E-13	.3075E-13	.3402E-13	.3718E-13	.4000E-13	.4224E-13	.4370E-13	.4421E-13	.4369E-13	.4223E-13	.3998E-13	.3716E-13	.3408E-13	.3073E-13	.2758E-13	.2461E-13
340.	.2508E-13	.2857E-13	.3237E-13	.3629E-13	.4008E-13	.4347E-13	.4616E-13	.4789E-13	.4850E-13	.4789E-13	.4614E-13	.4345E-13	.4006E-13	.3626E-13	.3235E-13	.2858E-13	.2507E-13
350.	.2538E-13	.2924E-13	.3345E-13	.3782E-13	.4205E-13	.4583E-13	.4883E-13	.5076E-13	.5142E-13	.5075E-13	.4881E-13	.4581E-13	.4203E-13	.3779E-13	.3343E-13	.2922E-13	.2537E-13

90. -90.

.2208E-13 .2201E-13

Number of Data Values: 612

Mean Value: .2335E-13

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 14002 ALTITUDE(KM): 900 0
F10 150 00 F10B: 150 00 GI 15 00 (1-KP OR 2-AP): 2

LON (-WEST +EAST)	(-SOUTH) LATITUDES (+NORTH) -80	-70.	-60	-50.	-40	-30	-20.	-10.	0.	10.	20	30.	40.	50.	60.	70.	80
0.	.1048E-13	.1193E-13	.1353E-13	.1521E-13	.1686E-13	.1835E-13	.1954E-13	.2031E-13	.2058E-13	.2031E-13	.1954E-13	.1835E-13	.1686E-13	.1521E-13	.1353E-13	.1193E-13	.1048E-13
10	.1046E-13	.1189E-13	.1346E-13	.1511E-13	.1673E-13	.1819E-13	.1936E-13	.2011E-13	.2037E-13	.2011E-13	.1935E-13	.1819E-13	.1673E-13	.1511E-13	.1346E-13	.1189E-13	.1046E-13
20	.1038E-13	.1171E-13	.1327E-13	.1479E-13	.1619E-13	.1734E-13	.1861E-13	.1931E-13	.1955E-13	.1931E-13	.1861E-13	.1753E-13	.1619E-13	.1470E-13	.1317E-13	.1171E-13	.1039E-13
30	.1025E-13	.1142E-13	.1270E-13	.1403E-13	.1533E-13	.1650E-13	.1743E-13	.1804E-13	.1825E-13	.1804E-13	.1743E-13	.1650E-13	.1533E-13	.1403E-13	.1271E-13	.1143E-13	.1026E-13
40.	.1008E-13	.1106E-13	.1211E-13	.1320E-13	.1426E-13	.1521E-13	.1597E-13	.1647E-13	.1665E-13	.1647E-13	.1597E-13	.1521E-13	.1426E-13	.1320E-13	.1211E-13	.1106E-13	.1009E-13
50	.9888E-14	.1063E-13	.1144E-13	.1227E-13	.1308E-13	.1381E-13	.1440E-13	.1479E-13	.1493E-13	.1479E-13	.1440E-13	.1381E-13	.1308E-13	.1227E-13	.1144E-13	.1064E-13	.9893E-14
60.	.9676E-14	.1019E-13	.1075E-13	.1133E-13	.1189E-13	.1241E-13	.1283E-13	.1312E-13	.1323E-13	.1312E-13	.1283E-13	.1241E-13	.1190E-13	.1133E-13	.1075E-13	.1019E-13	.9681E-14
70	.9459E-14	.9743E-14	.1007E-13	.1041E-13	.1077E-13	.1110E-13	.1138E-13	.1158E-13	.1165E-13	.1158E-13	.1138E-13	.1110E-13	.1077E-13	.1042E-13	.1007E-13	.9740E-14	.9465E-14
80	.9245E-14	.9315E-14	.9429E-14	.9577E-14	.9748E-14	.9926E-14	.1009E-13	.1021E-13	.1026E-13	.1021E-13	.1009E-13	.9930E-14	.9753E-14	.9582E-14	.9434E-14	.9321E-14	.9251E-14
90	.9043E-14	.8919E-14	.8851E-14	.8833E-14	.8859E-14	.8915E-14	.8987E-14	.9053E-14	.9083E-14	.9055E-14	.8990E-14	.8919E-14	.8864E-14	.8839E-14	.8857E-14	.8926E-14	.9049E-14
100	.8857E-14	.8564E-14	.8343E-14	.8192E-14	.8104E-14	.8068E-14	.8071E-14	.8095E-14	.8113E-14	.8097E-14	.8075E-14	.8073E-14	.8110E-14	.8199E-14	.8350E-14	.8570E-14	.8864E-14
110	.8692E-14	.8254E-14	.7910E-14	.7655E-14	.7460E-14	.7377E-14	.7330E-14	.7323E-14	.7331E-14	.7326E-14	.7334E-14	.7382E-14	.7487E-14	.7662E-14	.7917E-14	.8261E-14	.8698E-14
120	.8549E-14	.7992E-14	.7550E-14	.7216E-14	.6979E-14	.6826E-14	.6744E-14	.6716E-14	.6716E-14	.6710E-14	.6740E-14	.6832E-14	.6985E-14	.7223E-14	.7558E-14	.8008E-14	.8586E-14
130.	.8431E-14	.7779E-14	.7262E-14	.6869E-14	.6586E-14	.6399E-14	.6293E-14	.6250E-14	.6245E-14	.6252E-14	.6297E-14	.6405E-14	.6593E-14	.6876E-14	.7270E-14	.7786E-14	.8438E-14
140.	.8337E-14	.7613E-14	.7040E-14	.6605E-14	.6290E-14	.6080E-14	.5958E-14	.5904E-14	.5895E-14	.5906E-14	.5962E-14	.6066E-14	.6257E-14	.6612E-14	.7048E-14	.7620E-14	.8344E-14
150	.8268E-14	.7490E-14	.6879E-14	.6414E-14	.6079E-14	.5857E-14	.5720E-14	.5660E-14	.5649E-14	.5662E-14	.5724E-14	.5859E-14	.6086E-14	.6422E-14	.6866E-14	.7490E-14	.8275E-14
160	.8221E-14	.7408E-14	.6771E-14	.6288E-14	.5939E-14	.5704E-14	.5564E-14	.5499E-14	.5487E-14	.5502E-14	.5568E-14	.5709E-14	.5946E-14	.6295E-14	.6779E-14	.7416E-14	.8220E-14
170	.8193E-14	.7360E-14	.6707E-14	.6214E-14	.5858E-14	.5617E-14	.5474E-14	.5407E-14	.5394E-14	.5409E-14	.5478E-14	.5623E-14	.5865E-14	.6222E-14	.6715E-14	.7367E-14	.8200E-14
180	.8180E-14	.7338E-14	.6679E-14	.6181E-14	.5821E-14	.5578E-14	.5433E-14	.5365E-14	.5352E-14	.5368E-14	.5437E-14	.5584E-14	.5828E-14	.6188E-14	.6687E-14	.7345E-14	.8187E-14
190	.8177E-14	.7332E-14	.6672E-14	.6173E-14	.5812E-14	.5569E-14	.5423E-14	.5355E-14	.5342E-14	.5358E-14	.5427E-14	.5574E-14	.5819E-14	.6180E-14	.6680E-14	.7340E-14	.8184E-14
200	.8177E-14	.7333E-14	.6672E-14	.6173E-14	.5813E-14	.5570E-14	.5424E-14	.5356E-14	.5342E-14	.5358E-14	.5428E-14	.5575E-14	.5820E-14	.6181E-14	.6680E-14	.7340E-14	.8184E-14
210	.8183E-14	.7342E-14	.6685E-14	.6180E-14	.5829E-14	.5586E-14	.5441E-14	.5374E-14	.5361E-14	.5376E-14	.5445E-14	.5592E-14	.5836E-14	.6195E-14	.6693E-14	.7350E-14	.8190E-14
220	.8201E-14	.7375E-14	.6727E-14	.6237E-14	.5883E-14	.5645E-14	.5502E-14	.5436E-14	.5423E-14	.5438E-14	.5506E-14	.5650E-14	.5890E-14	.6245E-14	.6735E-14	.7383E-14	.8209E-14
230	.8242E-14	.7445E-14	.6819E-14	.6345E-14	.6002E-14	.5771E-14	.5634E-14	.5572E-14	.5560E-14	.5574E-14	.5638E-14	.5777E-14	.6009E-14	.6353E-14	.6827E-14	.7453E-14	.8249E-14
240.	.8311E-14	.7567E-14	.6979E-14	.6533E-14	.6211E-14	.5994E-14	.5868E-14	.5812E-14	.5802E-14	.5814E-14	.5872E-14	.6000E-14	.6217E-14	.6541E-14	.6987E-14	.7574E-14	.8310E-14
250	.8415E-14	.7751E-14	.7224E-14	.6824E-14	.6535E-14	.6345E-14	.6235E-14	.6190E-14	.6184E-14	.6192E-14	.6240E-14	.6350E-14	.6542E-14	.6831E-14	.7232E-14	.7758E-14	.8422E-14
260	.8556E-14	.8006E-14	.7569E-14	.7238E-14	.7004E-14	.6854E-14	.6774E-14	.6746E-14	.6747E-14	.6748E-14	.6778E-14	.6859E-14	.7010E-14	.7245E-14	.7576E-14	.8013E-14	.8563E-14
270	.8.36E-14	.8336E-14	.8024E-14	.7795E-14	.7642E-14	.7556E-14	.7521E-14	.7522E-14	.7532E-14	.7524E-1	.7525E-14	.7561E-14	.7649E-14	.7802E-14	.8031E-14	.8343E-14	.8742E-14
280	.8950E-14	.8740E-14	.8593E-14	.8506E-14	.8472E-14	.8480E-14	.8515E-14	.8559E-14	.8584E-14	.8561E-14	.8519E-14	.8484E-14	.8477E-14	.8512E-14	.8599E-14	.8746E-14	.8956E-14
290	.9191E-14	.9207E-14	.9269E-14	.9371E-14	.9500E-14	.9643E-14	.9780E-14	.9886E-14	.9932E-14	.9880E-14	.9783E-14	.9647E-14	.9505E-14	.9376E-14	.9275E-14	.9213E-14	.9197E-14
300	.9448E-14	.9720E-14	.1003E-13	.1037E-13	.1071E-13	.1103E-13	.1131E-13	.1150E-13	.1157E-13	.1150E-13	.1131E-13	.1104E-13	.1072E-13	.1037E-13	.1004E-13	.9725E-14	.9453E-14
310	.9706E-14	.1025E-13	.1064E-13	.1146E-13	.1265E-13	.1260E-13	.1304E-13	.1334E-13	.1346E-13	.1335E-13	.1305E-13	.1260E-13	.1206E-13	.1146E-13	.1085E-13	.1026E-13	.9711E-14
320	.9949E-14	.1077E-13	.1165E-13	.1256E-13	.1344E-13	.1423E-13	.1487E-13	.1530E-13	.1545E-13	.1530E-13	.1487E-13	.1423E-13	.1344E-13	.1256E-13	.1165E-13	.1077E-13	.9954E-14
330	.1016E-13	.1122E-13	.1238E-13	.1357E-13	.1474E-13	.1579E-13	.1662E-13	.1717E-13	.1737E-13	.1717E-13	.1662E-13	.1579E-13	.1474E-13	.1357E-13	.1238E-13	.1123E-13	.1017E-13
340	.1033E-13	.1159E-13	.1297E-13	.1441E-13	.1582E-13	.1708E-13	.1810E-13	.1876E-13	.1898E-13	.1875E-13	.1810E-13	.1708E-13	.1582E-13	.1441E-13	.1297E-13	.1159E-13	.1033E-13
350	.1043E-13	.1183E-13	.1337E-13	.1497E-13	.1655E-13	.1797E-13	.1911E-13	.1985E-13	.2010E-13	.1984E-13	.1911E-13	.1797E-13	.1655E-13	.1497E-13	.1337E-13	.1183E-13	.1044E-13

Number of Data Values: 612

Mean Value: .9739E-14

90.	-90.
.9230E-14	.9224E-14

TABLE 4. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 1000.0
F10: 150.30 F10J: 150.00 GI: 15.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60	-50.	-40.	-30	-20	-10.	0	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30	40	50	60	70	80
0.	.5476E-14	.6084E-14	.6750E-14	.7446E-14	.8120E-14	.8743E-14	.9235E-14	.9554E-14	.9665E-14	.9555E-14	.9237E-14	.8746E-14	.8132E-14	.7451E-14	[illegible]-14	.6091E-14	.5484E-14
10.	.5468E-14	.6066E-14	.6721E-14	.7404E-14	.8072E-14	.8676E-14	.9158E-14	.9472E-14	.9580E-14	.9472E-14	.9160E-14	.8679E-14	.8077E-14	.7409E-14	[illegible]-14	.6073E-14	.5476E-14
20.	.5435E-14	.5993E-14	.6601E-14	.7232E-14	.7850E-14	.8405E-14	.8850E-14	.9139E-14	.9240E-14	.9140E-14	.8852E-14	.8409E-14	.7854E-14	.7238E-14	[illegible]-14	.6000E-14	.5417E-14
30.	.5380E-14	.5873E-14	.6407E-14	.6958E-14	.7494E-14	.7976E-14	.8362E-14	.8614E-14	.8702E-14	.8615E-14	.8365E-14	.7980E-14	.7499E-14	.6963E-14	[illegible]-14	.5881E-14	.5338E-14
40.	.5309E-14	.5719E-14	.6159E-14	.6612E-14	.7050E-14	.7444E-14	.7760E-14	.7967E-14	.8041E-14	.7969E-14	.7763E-14	.7448E-14	.7055E-14	.6618E-14	[illegible]-14	.5726E-14	.5317E-14
50.	.5226E-14	.5542E-14	.5880E-14	.6227E-14	.6563E-14	.6865E-14	.7109E-14	.7271E-14	.7329E-14	.7272E-14	.7112E-14	.6869E-14	.6560E-14	.6233E-14	[illegible]-14	.5549E-14	.5234E-14
60.	.5136E-14	.5354E-14	.5589E-14	.5832E-14	.6069E-14	.6265E-14	.6462E-14	.6581E-14	.6625E-14	.6583E-14	.6465E-14	.6289E-14	.6075E-14	.5838E-14	[illegible]-14	.5361E-14	.5144E-14
70.	.5043E-14	.5165E-14	.5302E-14	.5449E-14	.5598E-14	.5738E-14	.5856E-14	.5938E-14	.5971E-14	.5940E-14	.5859E-14	.5742E-14	.5604E-14	.5456E-14	[illegible]-14	.5172E-14	.5051E-14
80.	.4952E-14	.4982E-14	.5031E-14	.5094E-14	.5167E-14	.5243E-14	.5313E-14	.5365E-14	.5388E-14	.5367E-14	.5316E-14	.5248E-14	.5173E-14	.5101E-14	[illegible]-14	.4990E-14	.4960E-14
90.	.4865E-14	.4812E-14	.4783E-14	.4775E-14	.4786E-14	.4811E-14	.4842E-14	.4871E-14	.4885E-14	.4873E-14	.4845E-14	.4816E-14	.4792E-14	.4782E-14	[illegible]-14	.4820E-14	.4823E-14
100.	.4785E-14	.4638E-14	.4563E-14	.4497[illegible]14	.4458E-14	.4443E-14	.4444E-14	.4455E-14	.4464E-14	.4457E-14	.4448E-14	.4448E-14	.4464E-14	.4504E-14	[illegible]-14	.4666F-14	.4795E-14
110.	.4714E-14	.4524E-14	.4373E-14	.4260E-14	.4183E-14	.4137E-14	.4116E-14	.4114E-14	.4117E-14	.4115E-14	.4120E-14	.4141E-14	.4189E-14	.4267E-14	[illegible]-14	.4531E-14	.4722E-14
120.	.4652E-14	.4409E-14	.4214E-14	.4064E-14	.3957E-14	.3889E-14	.3851E-14	.3838E-14	.3839E-14	.3840E-14	.3854E-14	.3893E-14	.3963E-14	.4071E-14	[illegible]-14	.4417E-14	.4660E-14
130.	.4601E-14	.4315E-14	.4085E-14	.3907E-14	.3778E-14	.3692E-14	.3643E-14	.3623E-14	.3621E-14	.3625E-14	.3646E-14	.3697E-14	.3784E-14	.3914E-14	[illegible]-14	.4323E-14	.4609E-14
140.	.4560E-14	.4241E-14	.3985E-14	.3787E-14	.3641E-14	.3543E-14	.3485E-14	.3460E-14	.3456E-14	.3462E-14	.3488E-14	.3547E-14	.3647E-14	.3793E-14	[illegible]-14	.4249E-14	.4568E-14
150.	.4530E-14	.4187E-14	.3912E-14	.3699E-14	.3542E-14	.3435E-14	.3372E-14	.3343E-14	.3338E-14	.3345E-14	.3375E-14	.3440E-14	.3548E-14	.3705E-14	[illegible]-14	.4195E-14	.4538E-14
160.	.4509E-14	.4150E-14	.3862E-14	.3640E-14	.3476E-14	.3364E-14	.3296E-14	.3265E-14	.3259E-14	.3267E-14	.3299E-14	.3368E-14	.3481E-14	.3646E-14	[illegible]-14	.4158E-14	.4517E-14
170.	.4497E-14	.4129E-14	.3834E-14	.3605E-14	.3437E-14	.3322E-14	.3252E-14	.3220E-14	.3214E-14	.3222E-14	.3255E-14	.3326E-14	.3443E-14	.3612E-14	[illegible]-14	.4136E-14	.4505E-14
180.	.4491E-14	.4119E-14	.3820E-14	.3590E-14	.3420E-14	.3303E-14	.3233E-14	.3200E-14	.3193E-14	.3201E-14	.3236E-14	.3308E-14	.3425E-14	.3596E-14	[illegible]-14	.4127E-14	.4499E-14
190.	.4490E-14	.4116E-14	.3817E-14	.3586E-14	.3415E-14	.3298E-14	.3228E-14	.3195E-14	.3188E-14	.3196E-14	.3231E-14	.3303E-14	.3421E-14	.3593E-14	[illegible]-14	.4124E-14	.4498E-14
200.	.4490E-14	.4116E-14	.3818E-14	.3586E-14	.3416E-14	.3299E-14	.3228E-14	.3195E-14	.3189E-14	.3197E-14	.3231E-14	.3303E-14	.3421E-14	.3593E-14	[illegible]-14	.4124E-14	.4498E-14
210.	.4492E-14	.4121E-14	.3823E-14	.3593E-14	.3423E-14	.3307E-14	.3237E-14	.3204E-14	.3197E-14	.3206E-14	.3240E-14	.3311E-14	.3429E-14	.3600E-14	[illegible]-14	.4129E-14	.4500E-14
220.	.4501E-14	.4135E-14	.3843E-14	.3616E-14	.3449E-14	.3335E-14	.3266E-14	.3234E-14	.3228E-14	.3236E-14	.3269E-14	.3340E-14	.3455E-14	.3623E-14	[illegible]-14	.4143E-14	.4509E-14
230.	.4518E-14	.4167E-14	.3885E-14	.3667E-14	.3506E-14	.3396E-14	.3330E-14	.3300E-14	.3295E-14	.3302E-14	.3333E-14	.3401E-14	.3511E-14	.3673E-14	[illegible]-14	.4175E-14	.4526E-14
240.	.4549E-14	.4221E-14	.3957E-14	.3754E-14	.3604E-14	.3502E-14	.3442E-14	.3416E-14	.3412E-14	.3418E-14	.3446F-14	.3507E-14	.3610E-14	.3760E-14	[illegible]-14	.4229E-14	.4557E-14
250.	.4594E-14	.4302E-14	.4060E-14	.3897E-14	.3755E-14	.3667E-14	.3616E-14	.3595E-14	.3593E-14	.3597E-14	.3619E-14	.3671E-14	.3761E-14	.3894E-14	[illegible]-14	.4310E-14	.4602E-14
260.	.4655E-14	.4415E-14	.4222E-14	.4074E-14	.3969E-14	.3901E-14	.3865E-14	.3852E-14	.3853E-14	.3854E-14	.3868E-14	.3906E-14	.3975E-14	.4081E-14	[illegible]-14	.4423E-14	.4663E-14
270.	.4733E-14	.4559E-14	.4423E-14	.4322E-14	.4255E-14	.4216E-14	.4202E-14	.4202E-14	.4207E-14	.4204E-14	.4205E-14	.4221E-14	.4261E-14	.4329E-14	[illegible]-14	.4567E-14	.4741E-14
280.	.4825E-14	.4734E-14	.4671E-14	.4634E-14	.4619E-14	.4622E-14	.4638E-14	.4658E-14	.4669E-14	.4660E-14	.4642E-14	.4627E-14	.4625E-14	.4640E-14	[illegible]-14	.4742E-14	.4833E-14
290.	.4929E-14	.4936E-14	.4962E-14	.5006E-14	.5061E-14	.5123E-14	.5181E-14	.5227E-14	.5247E-14	.5229E-14	.5195E-14	.5127E-14	.5067E-14	.5013E-14	[illegible]-14	.4944E-14	.4937E-14
300.	.5039E-14	.5155E-14	.5287E-14	.5430E-14	.5574E-14	.5710E-14	.5826E-14	.5907E-14	.5938E-14	.5906E-14	.5829E-14	.5715E-14	.5580E-14	.5437E-14	[illegible]-14	.5163E-14	.5047E-14
310.	.5149E-14	.5380E-14	.5629E-14	.5886E-14	.6137E-14	.6364E-14	.6549E-14	.6674E-14	.6721E-14	.6676E-14	.6553E-14	.6368E-14	.6142E-14	.5893E-14	[illegible]-14	.5388E-14	.5157E-14
320.	.5252E-14	.5597E-14	.5966E-14	.6345E-14	.6712E-14	.7041E-14	.7307E-14	.7482E-14	.7545E-14	.7484E-14	.7310E-14	.7046E-14	.6717E-14	.6351E-14	[illegible]-14	.5604E-14	.5260E-14
330.	.5342E-14	.5709E-14	.6271E-14	.6768E-14	.7250E-14	.7683E-14	.8030E-14	.8257E-14	.8337E-14	.8258E-14	.8032E-14	.7687E-14	.7255E-14	.6774E-14	[illegible]-14	.5796E-14	.5350E-14
340.	.5412E-14	.5941E-14	.6517E-14	.7114E-14	.7696E-14	.8219E-14	.8638E-14	.8911E-14	.9006E-14	.8912E-14	.8641E-14	.8223E-14	.7700E-14	.7119E-14	[illegible]-14	.5949E-14	.5420E-14
350.	.5457E-14	.6042E-14	.6682E-14	.7347E-14	.7999E-14	.8587E-14	.9057E-14	.9362E-14	.9468E-14	.9363E-14	.9059E-14	.8590E-14	.8003E-14	.7353E-14	[illegible]-14	.6049E-14	.5465E-14

90.	-90.
.4951E-14	.4943E-14

Number of Data Values 612

Mean Value: .5130E-14

TABLE 4. (Concluded)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 1100.0
F10: 150.00 F10B: 150.00 GI: 15.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10	20.	30.	40.	50	60	70.	80
0.	.3420E-14	.3732E-14	.4066E-14	.4406E-14	.4735E-14	.5029E-14	.5262E-14	.5413E-14	.5466E-14	.5414E-14	.5265E-14	.5033E-14	.4741E-14	.4413E-14	[illegible]	.3739E-14	.3427E-14
10.	.3416E-14	.3723E-14	.4051E-14	.4386E-14	.4709E-14	.4997E-14	.5226E-14	.5374E-14	.5426E-14	.5375E-14	.5229E-14	.5001E-14	.4714E-14	.4392E-14	[illegible]	.3730E-14	.3433E-14
20	.3409E-14	.3686E-14	.3992E-14	.4303E-14	.4602E-14	.4868E-14	.5080E-14	.5217E-14	.5265E-14	.5219E-14	.5083E-14	.4873E-14	.4607E-14	.4309E-14	[illegible]	.3693E-14	.3416E-14
30.	.3380E-14	.3625E-14	.3895E-14	.4160E-14	.4430E-14	.4663E-14	.4840E-14	.4968E-14	.5011E-14	.4970E-14	.4851E-14	.4667E-14	.4435E-14	.4174E-14	[illegible]	.3632E-14	.3387E-14
40.	.3343E-14	.3546E-14	.3770E-14	.3997E-14	.4214E-14	.4406E-14	.4559E-14	.4659E-14	.4695E-14	.4661E-14	.4562E-14	.4410E-14	.4219E-14	.4003E-14	[illegible]	.3553E-14	.3350E-14
50	.3299E-14	.3454E-14	.3629E-14	.3804E-14	.3973E-14	.4123E-14	.4243E-14	.4322E-14	.4351E-14	.4324E-14	.4246E-14	.4127E-14	.3978E-14	.3810E-14	[illegible]	.3461E-14	.3306E-14
60	.3251E-14	.3366E-14	.3479E-14	.3604E-14	.3725E-14	.3834E-14	.3923E-14	.3983E-14	.4005E-14	.3984E-14	.3926E-14	.3838E-14	.3730E-14	.3610E-14	[illegible]	.3373E-14	.3258E-14
70.	.3201E-14	.3266E-14	.3339E-14	.3416E-14	.3484E-14	.3556E-14	.3617E-14	.3659E-14	.3676E-14	.3661E-14	.3619E-14	.3560E-14	.3489E-14	.3422E-14	[illegible]	.3273E-14	.3208E-14
80	.3152E-14	.3168E-14	.3194E-14	.3220E-14	.3268E-14	.3308E-14	.3345E-14	.3373E-14	.3385E-14	.3374E-14	.3348E-14	.3312E-14	.3273E-14	.3234E-14	[illegible]	.3175E-14	.3159E-14
90.	.3105E-14	.3076E-14	.3060E-14	.3056E-14	.3062E-14	.3076E-14	.3093E-14	.3109E-14	.3117E-14	.3110E-14	.3096E-14	.3080E-14	.3067E-14	.3062E-14	[illegible]	.3083E-14	.3112E-14
100.	.3061E-14	.2992E-14	.2939E-14	.2903E-14	.2881E-14	.2873E-14	.2874E-14	.2880E-14	.2885E-14	.2881E-14	.2876E-14	.2876E-14	.2886E-14	.2908E-14	[illegible]	.2999E-14	.3068E-14
110.	.3022E-14	.2917E-14	.2833E-14	.2770E-14	.2726E-14	.2692E-14	.2681E-14	.2679E-14	.2682E-14	.2681E-14	.2683E-14	.2696E-14	.2730E-14	.2775E-14	[illegible]	.2924E-14	.3029E-14
120.	.2980E-14	.2853E-14	.2743E-14	.2651E-14	.2589E-14	.2549E-14	.2527E-14	.2520E-14	.2520E-14	.2521E-14	.2530E-14	.2552E-14	.2593E-14	.2656E-14	[illegible]	.2860E-14	.2995E-14
130.	.2960E-14	.2801E-14	.2662E-14	.2560E-14	.2484E-14	.2433E-14	.2404E-14	.2392E-14	.2391E-14	.2393E-14	.2406E-14	.2437E-14	.2488E-14	.2565E-14	[illegible]	.2807E-14	.2967E-14
140.	.2936E-14	.2759E-14	.2605E-14	.2489E-14	.2403E-14	.2344E-14	.2309E-14	.2293E-14	.2291E-14	.2295E-14	.2311E-14	.2347E-14	.2407E-14	.2494E-14	[illegible]	.2763E-14	.2944E-14
150.	.2921E-14	.2720E-14	.2562E-14	.2437E-14	.2343E-14	.2278E-14	.2239E-14	.2222E-14	.2219E-14	.2223E-14	.2242E-14	.2281E-14	.2347E-14	.2442E-14	[illegible]	.2734E-14	.2927E-14
160.	.2909E-14	.2700E-14	.2534E-14	.2402E-14	.2303E-14	.2234E-14	.2193E-14	.2173E-14	.2170E-14	.2175E-14	.2195E-14	.2237E-14	.2307E-14	.2407E-14	[illegible]	.2706E-14	.2916E-14
170.	.2902E-14	.2687E-14	.2517E-14	.2381E-14	.2279E-14	.2209E-14	.2165E-14	.2145E-14	.2142E-14	.2146E-14	.2168E-14	.2212E-14	.2283E-14	.2386E-14	[illegible]	.2694E-14	.2909E-14
180.	.2899E-14	.2682E-14	.2509E-14	.2372E-14	.2269E-14	.2197E-14	.2153E-14	.2131E-14	.2129E-14	.2134E-14	.2155E-14	.2200E-14	.2273E-14	.2377E-14	[illegible]	.2688E-14	.2906E-14
190.	.2899E-14	.2680E-14	.2507E-14	.2369E-14	.2266E-14	.2194E-14	.2150E-14	.2129E-14	.2125E-14	.2131E-14	.2152E-14	.2197E-14	.2270E-14	.2374E-14	[illegible]	.2687E-14	.2905E-14
200.	.2899E-14	.2681E-14	.2507E-14	.2370E-14	.2266E-14	.2194E-14	.2150E-14	.2130E-14	.2126E-14	.2131E-14	.2152E-14	.2197E-14	.2270E-14	.2375E-14	[illegible]	.2687E-14	.2905E-14
210.	.2900E-14	.2683E-14	.2510E-14	.2374E-14	.2271E-14	.2199E-14	.2156E-14	.2135E-14	.2131E-14	.2136E-14	.2159E-14	.2202E-14	.2275E-14	.2379E-14	[illegible]	.2689E-14	.2907E-14
220.	.2905E-14	.2691E-14	.2522E-14	.2388E-14	.2287E-14	.2217E-14	.2174E-14	.2154E-14	.2150E-14	.2155E-14	.2176E-14	.2220E-14	.2291E-14	.2393E-14	[illegible]	.2698E-14	.2911E-14
230.	.2914E-14	.2709E-14	.2547E-14	.2418E-14	.2321E-14	.2254E-14	.2214E-14	.2195E-14	.2192E-14	.2196E-14	.2216E-14	.2257E-14	.2325E-14	.2423E-14	[illegible]	.2716E-14	.2921E-14
240.	.2931E-14	.2747E-14	.2589E-14	.2469E-14	.2380E-14	.2319E-14	.2283E-14	.2266E-14	.2264E-14	.2268E-14	.2285E-14	.2322E-14	.2384E-14	.2475E-14	[illegible]	.2754E-14	.2938E-14
250.	.2956E-14	.2794E-14	.2653E-14	.2540E-14	.2470E-14	.2418E-14	.2388E-14	.2375E-14	.2374E-14	.2376E-14	.2390E-14	.2421E-14	.2475E-14	.2553E-14	[illegible]	.2800E-14	.2963E-14
260.	.2990E-14	.2857E-14	.2748E-14	.2656E-14	.2596E-14	.2556E-14	.2535E-14	.2528E-14	.2528E-14	.2529E-14	.2538E-14	.2560E-14	.2600E-14	.2662E-14	[illegible]	.2863E-14	.2997E-14
270.	.3033E-14	.2937E-14	.2861E-14	.2805E-14	.2767E-14	.2745E-14	.2737E-14	.2737E-14	.2740E-14	.2738E-14	.2739E-14	.2749E-14	.2771E-14	.2810E-14	[illegible]	.2944E-14	.3040E-14
280.	.3083E-14	.3034E-14	.2999E-14	.2978E-14	.2970E-14	.2972E-14	.2981E-14	.2992E-14	.2999E-14	.2994E-14	.2984E-14	.2976E-14	.2975E-14	.2984E-14	[illegible]	.3040E-14	.3090E-14
290.	.3139E-14	.3143E-14	.3150E-14	.3181E-14	.3211E-14	.3244E-14	.3275E-14	.3300E-14	.3311E-14	.3301E-14	.3278E-14	.3248E-14	.3216E-14	.3187E-14	[illegible]	.3150E-14	.3146E-14
300.	.3199E-14	.3261E-14	.3331E-14	.3406E-14	.3471E-14	.3542E-14	.3601E-14	.3643E-14	.3659E-14	.3644E-14	.3604E-14	.3546E-14	.3477E-14	.3412E-14	[illegible]	.3266E-14	.3206E-14
310.	.3257E-14	.3308E-14	.3508E-14	.3632E-14	.3759E-14	.3874E-14	.3967E-14	.4029E-14	.4052E-14	.4030E-14	.3969E-14	.3878E-14	.3764E-14	.3638E-14	[illegible]	.3387E-14	.3264E-14
320.	.3312E-14	.3483E-14	.3672E-14	.3864E-14	.4047E-14	.4209E-14	.4339E-14	.4425E-14	.4456E-14	.4427E-14	.4342E-14	.4214E-14	.4052E-14	.3870E-14	[illegible]	.3490E-14	.3319E-14
330.	.3360E-14	.3502E-14	.3827E-14	.4074E-14	.4311E-14	.4522E-14	.4689E-14	.4790E-14	.4837E-14	.4800E-14	.4692E-14	.4526E-14	.4317E-14	.4080E-14	[illegible]	.3589E-14	.3367E-14
340.	.3397E-14	.3660E-14	.3950E-14	.4245E-14	.4528E-14	.4780E-14	.4980E-14	.5109E-14	.5155E-14	.5111E-14	.4982E-14	.4784E-14	.4533E-14	.4251E-14	[illegible]	.3667E-14	.3494E-14
350.	.3420E-14	.3711E-14	.4032E-14	.4359E-14	.4674E-14	.4955E-14	.5178E-14	.5322E-14	.5373E-14	.5324E-14	.5181E-14	.4959E-14	.4679E-14	.4365E-14	[illegible]	.3718E-14	.3428E-14

Number of Data Values: 612

Mean Value: .3205E-14

90. -90.

.3154E-14 .3147E-14

TABLE 5. MSFC/J70 GLOBAL DENSITY VALUES GIVEN HIGH SOLAR/GEOMAGNETIC CONDITIONS DURING A VERNAL EQUINOX PERIOD

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 130.0
F10: 230.00 F10B: 230.00 GI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30	-20.	-10	0	(-SOUTH) LATITUDES (+NORTH) 10	20.	30	40	50	60	70	80
0.	8941E-08	.8972E-08	.9005E-08	.9036E-08	9066E-08	.9091E-08	9110E-08	9122E-08	.9126E-08	9126E-08	.9125E-08	[illegible]	.9121E-08	9114E-08	.9104E-08	9069E-08	[illegible]
10.	8941E-08	.8972E-08	.9004E-08	.9035E-08	.9064E-08	9089E-08	.9108E-08	.9120E-08	9124E-08	9124E-08	9124E-38	[illegible]	9119E-08	9113E-08	9103E-08	9088E-08	[illegible]
20	8939E-08	.8969E-08	.9000E-08	.9030E-08	9059E-08	9083E-08	9102E-08	9114E-08	.9118E-08	9118E-08	9117E-08	[illegible]	9113E-08	9108E-08	9099E-08	9086E-08	[illegible]
30.	.8937E-08	.8964E-08	.8993E-08	.9022E-08	.9049E-08	.9073E-08	.9091E-08	9102E-08	.9106E-08	9106E-08	9106E-08	[illegible]	.9104E-08	9100E-08	9092E-08	9081E-08	[illegible]
40.	.8934E-08	.8958E-08	.8984E-08	9011E-08	.9036E-08	.9059E-08	.9076E-08	.9087E-08	9091E-08	.9091E-08	.9091E-08	[illegible]	9091E-08	3089E-08	9083E-08	9074E-08	[illegible]
50.	.8930E-08	.8950E-08	.8973E-08	.8997E-08	.9021E-08	9041E-08	.9058E-08	9068E-08	9072E-08	3072E-08	9073E-08	[illegible]	9075E-08	.9075E-08	9072E-08	[illegible]	[illegible]
60.	.8925E-08	.8941E-08	.8961E-08	.8982E-08	.9003E-08	.9022E-08	.9037E-08	9047E-08	9050E-08	9050E-08	9052E-08	[illegible]	.9057E-08	.9059E-08	[illegible]	9058E-08	[illegible]
70.	.8920E-08	8932E-08	.8948E-08	.8965E-08	8983E-08	.9000E-08	.9014E-08	.9023E-08	.9026E-08	.9027E-08	9029E-08	[illegible]	9038E-08	9043E-08	9047E-08	9049E-08	[illegible]
80.	.8916E-08	.8923E-08	.8934E-08	.8948E-08	8963E-08	.8978E-08	8990E-08	.8998E-08	.9001E-08	.9002E-08	.9005E-08	[illegible]	9018E-08	.9025E-08	9033E-08	9039E-08	[illegible]
90.	.8911E-08	.8914E-08	.8921E-08	.8931E-08	.8943E-08	.8955E-08	.8965E-08	.8973E-08	.8975E-08	.8977E-08	.8981E-08	[illegible]	.8997E-08	.9008E-08	9019E-08	9030E-08	[illegible]
100.	.8906E-08	.8905E-08	.8908E-08	.8914E-08	.8923E-08	.8933E-08	.8941E-08	.8948E-08	.8950E-08	.8952E-08	.8957E-08	[illegible]	.8977E-08	.8991E-08	9006E-08	9021E-08	[illegible]
110	.8902E-08	.8896E-08	.8895E-08	.8898E-08	.8904E-08	.8912E-08	.8919E-08	.8924E-08	.8926E-08	.8928E-08	.8934E-08	[illegible]	.8956E-08	.8975E-08	8994E-08	9012E-08	[illegible]
120.	.8899E-08	.8889E-08	.8885E-08	.8884E-08	.8887E-08	.8893E-08	.8898E-08	.8903E-08	.8905E-08	.8907E-08	.8913E-08	[illegible]	.8941E-08	.8961E-08	8983E-08	.9005E-08	[illegible]
130.	.8896E-08	.8883E-08	.8875E-08	.8872E-08	.8873E-08	.8876E-08	.8880E-08	.8884E-08	.8886E-08	.8888E-08	.8895E-08	[illegible]	.8927E-08	.8949E-08	.8973E-08	.8999E-08	[illegible]
140.	.8893E-08	.8878E-08	.8868E-08	.8862E-08	.8861E-08	.8862E-08	.8865E-08	.8868E-08	.8870E-08	.8872E-08	.8880E-08	[illegible]	.8915E-08	.8939E-08	.8966E-08	.8993E-08	[illegible]
150.	.8891E-08	.8874E-08	.8862E-08	.8855E-08	.8852E-08	.8852E-08	.8854E-08	.8857E-08	.8859E-08	.8860E-08	.8869E-08	[illegible]	.8905E-08	.8931E-08	.8960E-08	.8990E-08	[illegible]
160.	.8890E-08	.8871E-08	.8858E-08	.8849E-08	.8845E-08	.8845E-08	.8846E-08	.8848E-08	.8849E-08	.8852E-08	.8861E-08	[illegible]	.8899E-08	.8926E-08	.8956E-08	.8987E-08	[illegible]
170.	.8889E-08	.8870E-08	.8856E-08	.8846E-08	.8841E-08	.8840E-08	.8841E-08	.8843E-08	.8844E-08	.8847E-08	.8856E-08	[illegible]	.8895E-08	.8923E-08	.8953E-08	.8985E-08	[illegible]
180.	.8889E-08	.8869E-08	.8854E-08	.8845E-08	.8840E-08	.8838E-08	.8839E-08	.8841E-08	.8842E-08	.8845E-08	.8854E-08	[illegible]	.8893E-08	.8921E-08	.8952E-08	.8985E-08	[illegible]
190.	.8889E-08	.8869E-08	.8854E-08	.8844E-08	.8839E-08	.8838E-08	.8838E-08	.8840E-08	.8842E-08	.8844E-08	.8854E-08	[illegible]	.8893E-08	.8921E-08	.8952E-08	.8984E-08	[illegible]
200.	.8889E-08	.8869E-08	.8854E-08	.8845E-08	.8839E-08	.8838E-08	.8839E-08	.8840E-08	.8842E-08	.8844E-08	.8854E-08	[illegible]	.8893E-08	.8921E-08	.8952E-08	.8984E-08	[illegible]
210.	.8889E-08	.8869E-08	.8855E-08	.8845E-08	.8840E-08	.8839E-08	.8840E-08	.8841E-08	.8843E-08	.8845E-08	.8855E-08	[illegible]	.8894E-08	.8922E-08	.8953E-08	.8985E-08	[illegible]
220.	.8889E-08	.8870E-08	.8856E-08	.8847E-08	.8843E-08	.8842E-08	.8843E-08	.8845E-08	.8846E-08	.8849E-08	.8858E-08	[illegible]	.8896E-08	.8924E-08	.8954E-08	.8986E-08	[illegible]
230.	.8890E-08	.8873E-08	.8860E-08	.8852E-08	.8848E-08	.8848E-08	.8850E-08	.8852E-08	.8853E-08	.8856E-08	.8865E-08	[illegible]	.8902E-08	.8928E-08	.8958E-08	.8988E-08	[illegible]
240.	.8892E-08	.8876E-08	.8866E-08	.8859E-08	.8857E-08	.8858E-08	.8861E-08	.8864E-08	.8865E-08	.8868E-08	.8876E-08	[illegible]	.8911E-08	.8936E-08	.8963E-08	.8992E-08	[illegible]
250.	.8895E-08	.8882E-08	.8874E-08	.8871E-08	.8871E-08	.8874E-08	.8878E-08	.8881E-08	.8883E-08	.8885E-08	.8893E-08	[illegible]	.8925E-08	.8947E-08	.8972E-08	.8998E-08	[illegible]
260.	.8899E-08	.8890E-08	.8885E-08	.8885E-08	.8888E-08	.8894E-08	.8899E-08	.8904E-08	.8906E-08	.8908E-08	.8914E-08	[illegible]	[illegible]2E-08	.8962E-08	.8983E-08	.9005E-08	[illegible]
270.	.8903E-08	.8899E-08	.8899E-08	.8903E-08	.8909E-08	.8917E-08	.8925E-08	.8931E-08	.8933E-08	.8934E-08	.8940E-08	[illegible]	.8964E-08	.8979E-08	.8997E-08	.9015E-08	[illegible]
280.	.8909E-08	.8903E-08	.8914E-08	.8923E-08	.8933E-08	.8944E-08	.8954E-08	.8960E-08	.8963E-08	.8964E-08	.8969E-08	[illegible]	.8987E-08	.9000E-08	.9013E-08	.9025E-08	[illegible]
290.	.8914E-08	.8920E-08	.8931E-08	.8944E-08	.8956E-08	.8972E-08	.8983E-08	.8991E-08	.8994E-08	.8995E-08	.8999E-08	[illegible]	.9012E-08	.9021E-08	.9029E-08	.9037E-08	[illegible]
300.	.8920E-08	.8932E-08	.8947E-08	.8964E-08	.8982E-08	.8999E-08	.9013E-08	.9022E-08	.9025E-08	.9025E-08	.9026E-08	[illegible]	.9037E-08	.9042E-08	.9046E-08	.9049F-08	[illegible]
310.	.8926E-08	.8943E-08	.8963E-08	.8984E-08	.9005E-08	.9024E-08	.9040E-08	.9050E-08	.9053E-08	.9054E-08	.9055E-08	[illegible]	.9060E-08	.9062E-08	.9062E-08	.9059E-08	[illegible]
320.	.8931E-08	.8952E-08	.8977E-08	.9002E-08	.9026E-08	.9047E-08	.9063E-08	.9074E-08	.9078E-08	.9078E-08	.9079E-08	[illegible]	.9080E-08	.9079E-08	.9076E-08	.9069E-08	[illegible]
330.	.8935E-08	.8961E-08	.8988E-08	.9016E-08	.9042E-08	.9065E-08	.9083E-08	.9094E-08	.9098E-08	.9098E-08	.9098E-08	[illegible]	.9097E-08	.9094E-08	.9087E-08	.9077E-08	[illegible]
340.	.8938E-08	.8967E-08	.8997E-08	.9027E-08	.9055E-08	.9079E-08	.9097E-08	.9109E-08	.9113E-08	.9113E-08	.9113E-08	[illegible]	.9109E-08	.9105E-08	.9096E-08	.9084E-08	[illegible]
350	.8940E-08	.8971E-08	.9002E-08	.9033E-08	.9062E-08	.9087E-08	.9106E-08	.9118E-08	.9122E-08	.9122E-08	.9122E-08	[illegible]	.9117E-08	.9111E-08	.9102E-08	.9088E-08	[illegible]

90.	-90.
.9045E-08	.8913E-08

Number of Data Values: 612

Mean Value: .8969E-08

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 200.0
F10: 230.00 F10B: 230.00 CI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40	50.	60	70.	80.
0.	.4141E-09	.4185E-09	.4225E-09	.4260E-09	.4289E-09	.4312E-09	.4329E-09	.4339E-09	.4342E-09	.4339E-09	.4329E-09	.4312E-09	.4289E-09	.4259E-09	.4224E-09	.4184E-09	.4140E-09
10.	.4140E-09	.4183E-09	.4223E-09	.4258E-09	.4287E-09	.4310E-09	.4326E-09	.4336E-09	.4340E-09	.4336E-09	.4326E-09	.4309E-09	.4286E-09	.4257E-09	.4222E-09	.4183E-09	.4140E-09
20.	.4137E-09	.4178E-09	.4216E-09	.4249E-09	.4277E-09	.4300E-09	.4316E-09	.4326E-09	.4329E-09	.4326E-09	.4316E-09	.4300E-09	.4277E-09	.4249E-09	.4216E-09	.4178E-09	.4137E-09
30.	.4133E-09	.4170E-09	.4205E-09	.4236E-09	.4262E-09	.4283E-09	.4298E-09	.4307E-09	.4311E-09	.4307E-09	.4298E-09	.4283E-09	.4261E-09	.4235E-09	.4204E-09	.4170E-09	.4133E-09
40.	.4127E-09	.4159E-09	.4189E-09	.4217E-09	.4240E-09	.4259E-09	.4274E-09	.4282E-09	.4285E-09	.4282E-09	.4273E-09	.4259E-09	.4240E-09	.4216E-09	.4189E-09	.4159E-09	.4127E-09
50.	.4120E-09	.4146E-09	.4171E-09	.4194E-09	.4214E-09	.4231E-09	.4243E-09	.4251E-09	.4254E-09	.4251E-09	.4243E-09	.4230E-09	.4214E-09	.4193E-09	.4170E-09	.4145E-09	.4120E-09
60.	.4112E-09	.4131E-09	.4150E-09	.4167E-09	.4184E-09	.4197E-09	.4208E-09	.4215E-09	.4217E-09	.4215E-09	.4208E-09	.4197E-09	.4183E-09	.4167E-09	.4149E-09	.4130E-09	.4112E-09
70.	.4104E-09	.4115E-09	.4127E-09	.4139E-09	.4150E-09	.4160E-09	.4169E-09	.4175E-09	.4177E-09	.4174E-09	.4169E-09	.4160E-09	.4150E-09	.4138E-09	.4126E-09	.4114E-09	.4103E-09
80.	.4095E-09	.4098E-09	.4103E-09	.4108E-09	.4115E-09	.4121E-09	.4127E-09	.4131E-09	.4133E-09	.4131E-09	.4127E-09	.4121E-09	.4115E-09	.4108E-09	.4102E-09	.4098E-09	.4095E-09
90.	.4087E-09	.4082E-09	.4079E-09	.4078E-09	.4079E-09	.4081E-09	.4084E-09	.4087E-09	.4088E-09	.4087E-09	.4084E-09	.4081E-09	.4079E-09	.4077E-09	.4078E-09	.4081E-09	.4086E-09
100.	.4079E-09	.4066E-09	.4055E-09	.4048E-09	.4043E-09	.4042E-09	.4042E-09	.4043E-09	.4044E-09	.4043E-09	.4042E-09	.4041E-09	.4043E-09	.4048E-09	.4055E-09	.4065E-09	.4078E-09
110.	.4072E-09	.4051E-09	.4034E-09	.4020E-09	.4010E-09	.4004E-09	.4001E-09	.4000E-09	.4001E-09	.4000E-09	.4001E-09	.4004E-09	.4010E-09	.4019E-09	.4033E-09	.4051E-09	.4071E-09
120.	.4065E-09	.4038E-09	.4014E-09	.3994E-09	.3979E-09	.3969E-09	.3963E-09	.3961E-09	.3961E-09	.3961E-09	.3963E-09	.3969E-09	.3979E-09	.3994E-09	.4013E-09	.4037E-09	.4065E-09
130.	.4060E-09	.4027E-09	.3997E-09	.3972E-09	.3952E-09	.3939E-09	.3930E-09	.3927E-09	.3926E-09	.3927E-09	.3930E-09	.3939E-09	.3952E-09	.3972E-09	.3997E-09	.4026E-09	.4059E-09
140.	.4055E-09	.4017E-09	.3983E-09	.3954E-09	.3930E-09	.3914E-09	.3903E-09	.3898E-09	.3898E-09	.3898E-09	.3903E-09	.3913E-09	.3930E-09	.3953E-09	.3983E-09	.4017E-09	.4055E-09
150.	.4052E-09	.4011E-09	.3973E-09	.3940E-09	.3913E-09	.3894E-09	.3882E-09	.3876E-09	.3875E-09	.3876E-09	.3882E-09	.3894E-09	.3913E-09	.3940E-09	.3972E-09	.4010E-09	.4051E-09
160.	.4049E-09	.4006E-09	.3965E-09	.3930E-09	.3902E-09	.3881E-09	.3867E-09	.3861E-09	.3860E-09	.3861E-09	.3867E-09	.3881E-09	.3901E-09	.3930E-09	.3965E-09	.4005E-09	.4049E-09
170.	.4048E-09	.4003E-09	.3961E-09	.3924E-09	.3895E-09	.3873E-09	.3859E-09	.3852E-09	.3850E-09	.3852E-09	.3859E-09	.3872E-09	.3894E-09	.3924E-09	.3961E-09	.4002E-09	.4047E-09
180.	.4047E-09	.4002E-09	.3959E-09	.3922E-09	.3891E-09	.3869E-09	.3855E-09	.3848E-09	.3846E-09	.3848E-09	.3854E-09	.3869E-09	.3891E-09	.3921E-09	.3959E-09	.4001E-09	.4047E-09
190.	.4047E-09	.4001E-09	.3959E-09	.3921E-09	.3891E-09	.3868E-09	.3854E-09	.3847E-09	.3845E-09	.3847E-09	.3853E-09	.3868E-09	.3890E-09	.3921E-09	.3958E-09	.4001E-09	.4047E-09
200.	.4047E-09	.4001E-09	.3959E-09	.3921E-09	.3891E-09	.3868E-09	.3854E-09	.3847E-09	.3845E-09	.3847E-09	.3854E-09	.3868E-09	.3890E-09	.3921E-09	.3958E-09	.4001E-09	.4047E-09
210.	.4047E-09	.4002E-09	.3959E-09	.3922E-09	.3892E-09	.3870E-09	.3855E-09	.3848E-09	.3847E-09	.3848E-09	.3855E-09	.3869E-09	.3892E-09	.3922E-09	.3959E-09	.4001E-09	.4047E-09
220.	.4048E-09	.4004E-09	.3962E-09	.3926E-09	.3897E-09	.3875E-09	.3861E-09	.3855E-09	.3853E-09	.3855E-09	.3861E-09	.3875E-09	.3897E-09	.3926E-09	.3962E-09	.4003E-09	.4048E-09
230.	.4050E-09	.4006E-09	.3969E-09	.3935E-09	.3907E-09	.3887E-09	.3874E-09	.3868E-09	.3867E-09	.3868E-09	.3874E-09	.3887E-09	.3907E-09	.3934E-09	.3968E-09	.4007E-09	.4050E-09
240.	.4054E-09	.4013E-09	.3979E-09	.3949E-09	.3924E-09	.3906E-09	.3895E-09	.3890E-09	.3889E-09	.3890E-09	.3895E-09	.3906E-09	.3924E-09	.3948E-09	.3979E-09	.4014E-09	.4053E-09
250.	.4059E-09	.4023E-09	.3995E-09	.3969E-09	.3949E-09	.3934E-09	.3926E-09	.3922E-09	.3922E-09	.3922E-09	.3926E-09	.3934E-09	.3948E-09	.3969E-09	.3994E-09	.4025E-09	.4058E-09
260.	.4065E-09	.4039E-09	.4015E-09	.3996E-09	.3981E-09	.3971E-09	.3965E-09	.3963E-09	.3963E-09	.3963E-09	.3965E-09	.3971E-09	.3981E-09	.3995E-09	.4015E-09	.4038E-09	.4065E-09
270.	.4074E-09	.4055E-09	.4039E-09	.4027E-09	.4019E-09	.4014E-09	.4012E-09	.4012E-09	.4013E-09	.4012E-09	.4012E-09	.4014E-09	.4019E-09	.4027E-09	.4039E-09	.4055E-09	.4073E-09
280.	.4083E-09	.4074E-09	.4067E-09	.4063E-09	.4061E-09	.4062E-09	.4063E-09	.4065E-09	.4066E-09	.4065E-09	.4063E-09	.4061E-09	.4061E-09	.4063E-09	.4067E-09	.4073E-09	.4082E-09
290.	.4093E-09	.4094E-09	.4096E-09	.4100E-09	.4105E-09	.4111E-09	.4116E-09	.4120E-09	.4121E-09	.4120E-09	.4116E-09	.4111E-09	.4105E-09	.4100E-09	.4096E-09	.4093E-09	.4092E-09
300.	.4103E-09	.4114E-09	.4125E-09	.4137E-09	.4148E-09	.4158E-09	.4167E-09	.4172E-09	.4174E-09	.4172E-09	.4167E-09	.4158E-09	.4148E-09	.4137E-09	.4125E-09	.4113E-09	.4103E-09
310.	.4113E-09	.4133E-09	.4153E-09	.4171E-09	.4186E-09	.4262E-09	.4213E-09	.4220E-09	.4223E-09	.4220E-09	.4213E-09	.4202E-09	.4186E-09	.4171E-09	.4152E-09	.4133E-09	.4113E-09
320.	.4122E-09	.4150E-09	.4177E-09	.4201E-09	.4222E-09	.4240E-09	.4253E-09	.4261E-09	.4264E-09	.4261E-09	.4253E-09	.4240E-09	.4222E-09	.4201E-09	.4176E-09	.4150E-09	.4122E-09
330.	.4130E-09	.4164E-09	.4197E-09	.4225E-09	.4250E-09	.4270E-09	.4285E-09	.4294E-09	.4297E-09	.4294E-09	.4285E-09	.4270E-09	.4250E-09	.4225E-09	.4196E-09	.4164E-09	.4129E-09
340.	.4136E-09	.4175E-09	.4211E-09	.4244E-09	.4271E-09	.4293E-09	.4308E-09	.4318E-09	.4321E-09	.4318E-09	.4308E-09	.4292E-09	.4271E-09	.4243E-09	.4211E-09	.4175E-09	.4135E-09
350.	.4139E-09	.4182E-09	.4221E-09	.4259E-09	.4294E-09	.4306E-09	.4323E-09	.4333E-09	.4336E-09	.4333E-09	.4323E-09	.4306E-09	.4283E-09	.4255E-09	.4220E-09	.4181E-09	.4139E-09

90.	-90.
.4094E-09	.4094E-09

Number of Data Values: 612

Mean Value: .4074E-09

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 230.0
F10: 230.00 F10B: 230.00 GI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0.	.2021E-09	.2055E-09	.2087E-09	.2115E-09	.2138E-09	.2157E-09	.2170E-09	.2178E-09	.2181E-09	.2178E-09	.2170E-09	.2156E-09	.2138E-09	.2114E-09	.2086E-09	.2055E-09	.2021E-09
10.	.2021E-09	.2054E-09	.2086E-09	.2113E-09	.2136E-09	.2155E-09	.2168E-09	.2176E-09	.2179E-09	.2176E-09	.2168E-09	.2154E-09	.2136E-09	.2113E-09	.2085E-09	.2054E-09	.2020E-09
20.	.2018E-09	.2051E-09	.2084E-09	.2107E-09	.2129E-09	.2147E-09	.2160E-09	.2167E-09	.2170E-09	.2167E-09	.2159E-09	.2146E-09	.2129E-09	.2106E-09	.2080E-09	.2050E-09	.2018E-09
30.	.2015E-09	.2044E-09	.2071E-09	.2094E-09	.2116E-09	.2133E-09	.2145E-09	.2153E-09	.2155E-09	.2153E-09	.2145E-09	.2133E-09	.2116E-09	.2095E-09	.2071E-09	.2044E-09	.2015E-09
40.	.2011E-09	.2036E-09	.2059E-09	.2081E-09	.2099E-09	.2114E-09	.2126E-09	.2133E-09	.2135E-09	.2133E-09	.2126E-09	.2114E-09	.2099E-09	.2080E-09	.2059E-09	.2035E-09	.2010E-09
50.	.2008E-09	.2029E-09	.2045E-09	.2063E-09	.2078E-09	.2092E-09	.2102E-09	.2108E-09	.2110E-09	.2108E-09	.2101E-09	.2091E-09	.2078E-09	.2062E-09	.2044E-09	.2025E-09	.2005E-09
60.	.1999E-09	.2014E-09	.2028E-09	.2042E-09	.2053E-09	.2065E-09	.2074E-09	.2079E-09	.2081E-09	.2079E-09	.2074E-09	.2065E-09	.2054E-09	.2042E-09	.2028E-09	.2013E-09	.1999E-09
70.	.1993E-09	.2001E-09	.2010E-09	.2020E-09	.2029E-09	.2037E-09	.2043E-09	.2048E-09	.2049E-09	.2047E-09	.2043E-09	.2036E-09	.2028E-09	.2019E-09	.2010E-09	.2001E-09	.1992E-09
80.	.1986E-09	.1988E-09	.1992E-09	.1996E-09	.2001E-09	.2006E-09	.2011E-09	.2014E-09	.2015E-09	.2014E-09	.2011E-09	.2006E-09	.2001E-09	.1996E-09	.1991E-09	.1988E-09	.1986E-09
90.	.1980E-09	.1976E-09	.1973E-09	.1973E-09	.1974E-09	.1975E-09	.1978E-09	.1980E-09	.1981E-09	.1980E-09	.1978E-09	.1975E-09	.1973E-09	.1973E-09	.1973E-09	.1975E-09	.1979E-09
100.	.1974E-09	.1964E-09	.1956E-09	.1950E-09	.1947E-09	.1945E-09	.1945E-09	.1946E-09	.1947E-09	.1946E-09	.1945E-09	.1945E-09	.1946E-09	.1950E-09	.1955E-09	.1963E-09	.1973E-09
110.	.1968E-09	.1952E-09	.1939E-09	.1929E-09	.1921E-09	.1917E-09	.1915E-09	.1914E-09	.1915E-09	.1914E-09	.1915E-09	.1917E-09	.1921E-09	.1929E-09	.1939E-09	.1952E-09	.1968E-09
120.	.1963E-09	.1942E-09	.1924E-09	.1910E-09	.1898E-09	.1891E-09	.1887E-09	.1885E-09	.1885E-09	.1885E-09	.1887E-09	.1891E-09	.1898E-09	.1909E-09	.1924E-09	.1942E-09	.1963E-09
130.	.1959E-09	.1934E-09	.1912E-09	.1893E-09	.1878E-09	.1868E-09	.1862E-09	.1860E-09	.1859E-09	.1860E-09	.1862E-09	.1868E-09	.1878E-09	.1893E-09	.1911E-09	.1934E-09	.1958E-09
140.	.1955E-09	.1927E-09	.1901E-09	.1879E-09	.1862E-09	.1850E-09	.1842E-09	.1839E-09	.1838E-09	.1839E-09	.1842E-09	.1850E-09	.1862E-09	.1879E-09	.1901E-09	.1927E-09	.1955E-09
150.	.1953E-09	.1922E-09	.1894E-09	.1869E-09	.1850E-09	.1836E-09	.1827E-09	.1823E-09	.1822E-09	.1823E-09	.1827E-09	.1835E-09	.1849E-09	.1869E-09	.1893E-09	.1921E-09	.1953E-09
160.	.1951E-09	.1918E-09	.1888E-09	.1862E-09	.1841E-09	.1826E-09	.1816E-09	.1811E-09	.1810E-09	.1811E-09	.1816E-09	.1826E-09	.1841E-09	.1862E-09	.1888E-09	.1918E-09	.1951E-09
170.	.1950E-09	.1916E-09	.1885E-09	.1858E-09	.1836E-09	.1820E-09	.1810E-09	.1805E-09	.1804E-09	.1805E-09	.1810E-09	.1820E-09	.1836E-09	.1858E-09	.1885E-09	.1916E-09	.1950E-09
180.	.1950E-09	.1915E-09	.1883E-09	.1856E-09	.1834E-09	.1817E-09	.1807E-09	.1802E-09	.1801E-09	.1802E-09	.1807E-09	.1817E-09	.1833E-09	.1856E-09	.1883E-09	.1915E-09	.1949E-09
190.	.1950E-09	.1915E-09	.1883E-09	.1855E-09	.1833E-09	.1817E-09	.1806E-09	.1801E-09	.1800E-09	.1801E-09	.1806E-09	.1816E-09	.1833E-09	.1855E-09	.1883E-09	.1915E-09	.1949E-09
200.	.1950E-09	.1915E-09	.1883E-09	.1855E-09	.1833E-09	.1817E-09	.1806E-09	.1801E-09	.1800E-09	.1801E-09	.1806E-09	.1816E-09	.1833E-09	.1855C-09	.1883E-09	.1915E-09	.1949E-09
210.	.1950E-09	.1915E-09	.1884E-09	.1856E-09	.1834E-09	.1818E-09	.1807E-09	.1802E-09	.1801E-09	.1802E-09	.1807E-09	.1818E-09	.1834E-09	.1856E-09	.1883E-09	.1915E-09	.1949E-09
220.	.1950E-09	.1917E-09	.1886E-09	.1859E-09	.1838E-09	.1822E-09	.1812E-09	.1807E-09	.1806E-09	.1807E-09	.1812E-09	.1822E-09	.1837E-09	.1859E-09	.1886E-09	.1916E-09	.1950E-09
230.	.1952E-09	.1920E-09	.1891E-09	.1865E-09	.1845E-09	.1830E-09	.1821E-09	.1817E-09	.1816E-09	.1817E-09	.1821E-09	.1830E-09	.1845E-09	.1865E-09	.1890E-09	.1920E-09	.1952E-09
240.	.1955E-09	.1925E-09	.1898E-09	.1876E-09	.1858E-09	.1845E-09	.1836E-09	.1833E-09	.1832E-09	.1833E-09	.1836E-09	.1844E-09	.1857E-09	.1875E-09	.1898E-09	.1925E-09	.1954E-09
250.	.1958E-09	.1933E-09	.1910E-09	.1891E-09	.1876E-09	.1865E-09	.1859E-09	.1856E-09	.1856E-09	.1856E-09	.1859E-09	.1865E-09	.1876E-09	.1890E-09	.1910E-09	.1932E-09	.1958E-09
260.	.1963E-09	.1943E-09	.1928E-09	.1911E-09	.1900E-09	.1892E-09	.1888E-09	.1887E-09	.1887E-09	.1887E-09	.1888E-09	.1892E-09	.1899E-09	.1910E-09	.1925E-09	.1943E-09	.1963E-09
270.	.1970E-09	.1955E-09	.1944E-09	.1935E-09	.1928E-09	.1925E-09	.1923E-09	.1923E-09	.1923E-09	.1923E-09	.1923E-09	.1924E-09	.1928E-09	.1934E-09	.1943E-09	.1955E-09	.1969E-09
280.	.1977E-09	.1970E-09	.1965E-09	.1963E-09	.1960E-09	.1961E-09	.1962E-09	.1963E-09	.1964E-09	.1963E-09	.1962E-09	.1960E-09	.1960E-09	.1961E-09	.1964E-09	.1969E-09	.1976E-09
290.	.1984E-09	.1985E-09	.1987E-09	.1990E-09	.1994E-09	.1998E-09	.2002E-09	.2005E-09	.2006E-09	.2005E-09	.2002E-09	.1998E-09	.1994E-09	.1990E-09	.1987E-09	.1985E-09	.1984E-09
300.	.1992E-09	.2000E-09	.2009E-09	.2018E-09	.2027E-09	.2035E-09	.2041E-09	.2046E-09	.2047E-09	.2046E-09	.2041E-09	.2035E-09	.2027E-09	.2018E-09	.2009E-09	.2000E-09	.1992E-09
310.	.2000E-09	.2015E-09	.2030E-09	.2045E-09	.2058E-09	.2069E-09	.2078E-09	.2083E-09	.2085E-09	.2083E-09	.2078E-09	.2069E-09	.2058E-09	.2045E-09	.2030E-09	.2015E-09	.2000E-09
320.	.2007E-09	.2029E-09	.2049E-09	.2068E-09	.2085E-09	.2099E-09	.2109E-09	.2116E-09	.2118E-09	.2116E-09	.2109E-09	.2099E-09	.2085E-09	.2068E-09	.2049E-09	.2028E-09	.2007E-09
330.	.2013E-09	.2040E-09	.2065E-09	.2088E-09	.2107E-09	.2123E-09	.2135E-09	.2142E-09	.2144E-09	.2142E-09	.2135E-09	.2123E-09	.2107E-09	.2087E-09	.2064E-09	.2039E-09	.2012E-09
340.	.2017E-09	.2048E-09	.2076E-09	.2102E-09	.2124E-09	.2141E-09	.2154E-09	.2161E-09	.2164E-09	.2161E-09	.2153E-09	.2141E-09	.2123E-09	.2102E-09	.2076E-09	.2048E-09	.2017E-09
350.	.2020E-09	.2053E-09	.2084E-09	.2111E-09	.2134E-09	.2152E-09	.2165E-09	.2173E-09	.2176E-09	.2173E-09	.2165E-09	.2152E-09	.2134E-09	.2111E-09	.2083E-09	.2053E-09	.2020E-09

90.	-90.
.1985E-09	.1988E-09

Number of Data Values: 612

Mean Value: .1971E-09

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 250.0
F10: 230.00 F10B: 230.00 GI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0.	.1337E-09	.1366E-09	.1393E-09	.1417E-09	.1437E-09	.1453E-09	.1465E-09	.1472E-09	.1475E-09	.1472E-09	.1465E-09	.1453E-09	.1437E-09	.1417E-09	.1393E-09	.1366E-09	.1337E-09
10.	.1336E-09	.1365E-09	.1392E-09	.1415E-09	.1436E-09	.1452E-09	.1463E-09	.1471E-09	.1473E-09	.1470E-09	.1463E-09	.1452E-09	.1435E-09	.1415E-09	.1391E-09	.1365E-09	.1336E-09
20.	.1338E-09	.1362E-09	.1387E-09	.1410E-09	.1429E-09	.1445E-09	.1456E-09	.1463E-09	.1465E-09	.1463E-09	.1456E-09	.1445E-09	.1429E-09	.1410E-09	.1387E-09	.1362E-09	.1334E-09
30.	.1332E-09	.1356E-09	.1379E-09	.1400E-09	.1418E-09	.1433E-09	.1443E-09	.1450E-09	.1452E-09	.1450E-09	.1443E-09	.1433E-09	.1418E-09	.1400E-09	.1379E-09	.1356E-09	.1332E-09
40.	.1326E-09	.1349E-09	.1369E-09	.1388E-09	.1404E-09	.1417E-09	.1426E-09	.1432E-09	.1435E-09	.1432E-09	.1426E-09	.1417E-09	.1403E-09	.1387E-09	.1369E-09	.1349E-09	.1328E-09
50.	.1323E-09	.1340E-09	.1357E-09	.1372E-09	.1386E-09	.1397E-09	.1406E-09	.1411E-09	.1413E-09	.1411E-09	.1405E-09	.1397E-09	.1385E-09	.1372E-09	.1356E-09	.1340E-09	.1323E-09
60.	.1318E-09	.1330E-09	.1343E-09	.1354E-09	.1365E-09	.1374E-09	.1382E-09	.1386E-09	.1388E-09	.1386E-09	.1381E-09	.1374E-09	.1365E-09	.1354E-09	.1342E-09	.1330E-09	.1318E-09
70.	.1313E-09	.1320E-09	.1328E-09	.1335E-09	.1343E-09	.1350E-09	.1355E-09	.1359E-09	.1361E-09	.1359E-09	.1355E-09	.1350E-09	.1343E-09	.1335E-09	.1327E-09	.1320E-09	.1313E-09
80.	.1307E-09	.1309E-09	.1312E-09	.1316E-09	.1320E-09	.1324E-09	.1328E-09	.1331E-09	.1332E-09	.1331E-09	.1328E-09	.1324E-09	.1320E-09	.1316E-09	.1312E-09	.1309E-09	.1307E-09
90.	.1302E-09	.1299E-09	.1297E-09	.1296E-09	.1297E-09	.1298E-09	.1300E-09	.1302E-09	.1303E-09	.1302E-09	.1300E-09	.1298E-09	.1297E-09	.1296E-09	.1296E-09	.1298E-09	.1302E-09
100.	.1297E-09	.1289E-09	.1282E-09	.1277E-09	.1274E-09	.1273E-09	.1273E-09	.1274E-09	.1275E-09	.1274E-09	.1273E-09	.1273E-09	.1274E-09	.1277E-09	.1282E-09	.1288E-09	.1297E-09
110.	.1293E-09	.1279E-09	.1268E-09	.1260E-09	.1253E-09	.1250E-09	.1248E-09	.1248E-09	.1248E-09	.1248E-09	.1248E-09	.1250E-09	.1253E-09	.1259E-09	.1268E-09	.1279E-09	.1292E-09
120.	.1288E-09	.1271E-09	.1256E-09	.1244E-09	.1235E-09	.1228E-09	.1225E-09	.1224E-09	.1224E-09	.1224E-09	.1225E-09	.1228E-09	.1234E-09	.1244E-09	.1256E-09	.1271E-09	.1288E-09
130.	.1285E-09	.1264E-09	.1246E-09	.1230E-09	.1218E-09	.1210E-09	.1205E-09	.1203E-09	.1203E-09	.1203E-09	.1205E-09	.1210E-09	.1218E-09	.1230E-09	.1245E-09	.1264E-09	.1284E-09
140.	.1283E-09	.1258E-09	.1237E-09	.1219E-09	.1205E-09	.1195E-09	.1189E-09	.1186E-09	.1185E-09	.1186E-09	.1189E-09	.1195E-09	.1205E-09	.1219E-09	.1237E-09	.1256E-09	.1281E-09
150.	.1280E-09	.1254E-09	.1231E-09	.1211E-09	.1195E-09	.1183E-09	.1176E-09	.1173E-09	.1172E-09	.1173E-09	.1176E-09	.1183E-09	.1195E-09	.1210E-09	.1230E-09	.1254E-09	.1279E-09
160.	.1278E-09	.1251E-09	.1226E-09	.1205E-09	.1188E-09	.1176E-09	.1168E-09	.1164E-09	.1163E-09	.1164E-09	.1168E-09	.1175E-09	.1188E-09	.1205E-09	.1226E-09	.1251E-09	.1278E-09
170.	.1277E-09	.1249E-09	.1224E-09	.1201E-09	.1184E-09	.1171E-09	.1163E-09	.1159E-09	.1158E-09	.1159E-09	.1163E-09	.1171E-09	.1184E-09	.1201E-09	.1223E-09	.1249E-09	.1277E-09
180.	.1277E-09	.1248E-09	.1222E-09	.1200E-09	.1182E-09	.1169E-09	.1160E-09	.1156E-09	.1155E-09	.1156E-09	.1160E-09	.1169E-09	.1182E-09	.1200E-09	.1222E-09	.1248E-09	.1277E-09
190.	.1277E-09	.1248E-09	.1222E-09	.1199E-09	.1181E-09	.1168E-09	.1160E-09	.1156E-09	.1155E-09	.1156E-09	.1160E-09	.1168E-09	.1181E-09	.1199E-09	.1222E-09	.1248E-09	.1276E-09
200.	.1277E-09	.1248E-09	.1222E-09	.1199E-09	.1181E-09	.1168E-09	.1160E-09	.1156E-09	.1155E-09	.1156E-09	.1160E-09	.1168E-09	.1181E-09	.1199E-09	.1222E-09	.1248E-09	.1276E-09
210.	.1277E-09	.1248E-09	.1223E-09	.1200E-09	.1182E-09	.1169E-09	.1161E-09	.1157E-09	.1156E-09	.1157E-09	.1161E-09	.1169E-09	.1182E-09	.1200E-09	.1222E-09	.1248E-09	.1277E-09
220.	.1278E-09	.1250E-09	.1224E-09	.1203E-09	.1185E-09	.1172E-09	.1164E-09	.1160E-09	.1160E-09	.1160E-09	.1164E-09	.1172E-09	.1185E-09	.1202E-09	.1224E-09	.1249E-09	.1277E-09
230.	.1279E-09	.1252E-09	.1226E-09	.1206E-09	.1191E-09	.1179E-09	.1172E-09	.1168E-09	.1167E-09	.1168E-09	.1172E-09	.1179E-09	.1191E-09	.1207E-09	.1226E-09	.1252E-09	.1278E-09
240.	.1281E-09	.1257E-09	.1233E-09	.1216E-09	.1201E-09	.1191E-09	.1184E-09	.1181E-09	.1181E-09	.1181E-09	.1184E-09	.1191E-09	.1201E-09	.1216E-09	.1234E-09	.1256E-09	.1281E-09
250.	.1284E-09	.1263E-09	.1244E-09	.1228E-09	.1216E-09	.1207E-09	.1202E-09	.1200E-09	.1200E-09	.1200E-09	.1202E-09	.1207E-09	.1216E-09	.1228E-09	.1244E-09	.1263E-09	.1284E-09
260.	.1288E-09	.1271E-09	.1257E-09	.1249E-09	.1236E-09	.1230E-09	.1226E-09	.1225E-09	.1225E-09	.1225E-09	.1226E-09	.1229E-09	.1235E-09	.1244E-09	.1256E-09	.1271E-09	.1288E-09
270.	.1293E-09	.1283E-09	.1272E-09	.1264E-09	.1259E-09	.1256E-09	.1255E-09	.1255E-09	.1255E-09	.1255E-09	.1255E-09	.1256E-09	.1259E-09	.1264E-09	.1272E-09	.1281E-09	.1293E-09
280.	.1299E-09	.1294E-09	.1289E-09	.1287E-09	.1286E-09	.1286E-09	.1287E-09	.1288E-09	.1289E-09	.1288E-09	.1287E-09	.1286E-09	.1286E-09	.1287E-09	.1289E-09	.1293E-09	.1299E-09
290.	.1306E-09	.1306E-09	.1306E-09	.1311E-09	.1314E-09	.1317E-09	.1321E-09	.1323E-09	.1324E-09	.1323E-09	.1321E-09	.1317E-09	.1314E-09	.1310E-09	.1306E-09	.1306E-09	.1306E-09
300.	.1313E-09	.1319E-09	.1327E-09	.1334E-09	.1342E-09	.1349E-09	.1354E-09	.1358E-09	.1359E-09	.1358E-09	.1354E-09	.1349E-09	.1342E-09	.1334E-09	.1327E-09	.1319E-09	.1312E-09
310.	.1319E-09	.1332E-09	.1345E-09	.1357E-09	.1368E-09	.1378E-09	.1385E-09	.1390E-09	.1391E-09	.1390E-09	.1385E-09	.1378E-09	.1368E-09	.1357E-09	.1344E-09	.1332E-09	.1319E-09
320.	.1325E-09	.1343E-09	.1361E-09	.1377E-09	.1391E-09	.1403E-09	.1412E-09	.1418E-09	.1420E-09	.1418E-09	.1412E-09	.1403E-09	.1391E-09	.1377E-09	.1360E-09	.1343E-09	.1325E-09
330.	.1330E-09	.1352E-09	.1374E-09	.1393E-09	.1410E-09	.1424E-09	.1434E-09	.1441E-09	.1443E-09	.1441E-09	.1434E-09	.1424E-09	.1410E-09	.1393E-09	.1374E-09	.1352E-09	.1329E-09
340.	.1334E-09	.1360E-09	.1384E-09	.1406E-09	.1425E-09	.1440E-09	.1451E-09	.1457E-09	.1460E-09	.1457E-09	.1451E-09	.1439E-09	.1424E-09	.1406E-09	.1384E-09	.1359E-09	.1333E-09
350.	.1336E-09	.1364E-09	.1390E-09	.1414E-09	.1433E-09	.1449E-09	.1461E-09	.1468E-09	.1470E-09	.1468E-09	.1461E-09	.1449E-09	.1433E-09	.1413E-09	.1390E-09	.1364E-09	.1336E-09

90. -90.

.1300E-09 .1307E-09

Number of Data Values: 612

Mean Value: .1296E-09

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 275.0
F10: 230.00 F10B: 230.00 GI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	-80.	-70.	(-SOUTH) LATITUDES (+NORTH) -60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50	60.	70.	80.
0.	.83a7E-10	.8601E-10	.8820E-10	.9017E-10	.9185E-10	.9321E-10	.9420E-10	.9481E-10	.9501E-10	.9480E-10	.9419E-10	.9328E-10	.9184E-10	.9015E-10	.8818E-10	.8590E-10	.8365E-10
10.	.8364E-10	.8594E-10	.8811E-10	.9006E-10	.9172E-10	.9307E-10	.9405E-10	.9465E-10	.9485E-10	.9465E-10	.9404E-10	.9366E-10	.9171E-10	.9004E-10	.8808E-10	.8592E-10	.8361E-10
20.	.8358E-10	.8586E-10	.8774E-10	.8959E-10	.9119E-10	.9248E-10	.9343E-10	.9401E-10	.9421E-10	.9401E-10	.9342E-10	.9247E-10	.9117E-10	.8957E-10	.8771E-10	.8566E-10	.8347E-10
30.	.8327E-10	.8524E-10	.8711E-10	.8882E-10	.9029E-10	.9150E-10	.9238E-10	.9293E-10	.9312E-10	.9293E-10	.9238E-10	.9148E-10	.9020E-10	.8879E-10	.8709E-10	.8521E-10	.8324E-10
40.	.8294E-10	.8465E-10	.8627E-10	.8777E-10	.8906E-10	.9016E-10	.9097E-10	.9147E-10	.9164E-10	.9146E-10	.9096E-10	.9015E-10	.8906E-10	.8775E-10	.8625E-10	.8462E-10	.8294E-10
50.	.8260E-10	.8396E-10	.8526E-10	.8651E-10	.8761E-10	.8854E-10	.8924E-10	.8969E-10	.8984E-10	.8969E-10	.8923E-10	.8853E-10	.8760E-10	.8649E-10	.8524E-10	.8392E-10	.8257E-10
60.	.8219E-10	.8315E-10	.8413E-10	.8508E-10	.8595E-10	.8670E-10	.8728E-10	.8766E-10	.8780E-10	.8766E-10	.8727E-10	.8669E-10	.8594E-10	.8506E-10	.8411E-10	.8313E-10	.8216E-10
70.	.8176E-10	.8238E-10	.8299E-10	.8356E-10	.8417E-10	.8472E-10	.8516E-10	.8547E-10	.8558E-10	.8546E-10	.8516E-10	.8470E-10	.8415E-10	.8354E-10	.8291E-10	.8229E-10	.8172E-10
80.	.8133E-10	.8167E-10	.8178E-10	.8199E-10	.8233E-10	.8264E-10	.8297E-10	.8319E-10	.8328E-10	.8319E-10	.8296E-10	.8265E-10	.8231E-10	.8197E-10	.8167E-10	.8144E-10	.8136E-10
90.	.8090E-10	.8063E-10	.8040E-10	.8044E-10	.8049E-10	.8061E-10	.8077E-10	.8091E-10	.8097E-10	.8090E-10	.8076E-10	.8060E-10	.8040E-10	.8042E-10	.8046E-10	.8060E-10	.8087E-10
100.	.8049E-10	.7983E-10	.7931E-10	.7898E-10	.7873E-10	.7864E-10	.7864E-10	.7870E-10	.7874E-10	.7870E-10	.7864E-10	.7863E-10	.7871E-10	.7893E-10	.7929E-10	.7981E-10	.8047E-10
110.	.8012E-10	.7910E-10	.7824E-10	.7757E-10	.7705E-10	.7680E-10	.7666E-10	.7664E-10	.7666E-10	.7664E-10	.7666E-10	.7679E-10	.7708E-10	.7755E-10	.7822E-10	.7908E-10	.8010E-10
120.	.7986E-10	.7845E-10	.7729E-10	.7634E-10	.7563E-10	.7515E-10	.7489E-10	.7479E-10	.7479E-10	.7479E-10	.7488E-10	.7514E-10	.7561E-10	.7632E-10	.7727E-10	.7843E-10	.7977E-10
130.	.7980E-10	.7796E-10	.7647E-10	.7529E-10	.7437E-10	.7374E-10	.7336E-10	.7320E-10	.7318E-10	.7320E-10	.7335E-10	.7373E-10	.7436E-10	.7527E-10	.7645E-10	.7788E-10	.7950E-10
140.	.7980E-10	.7746E-10	.7582E-10	.7444E-10	.7336E-10	.7259E-10	.7212E-10	.7191E-10	.7187E-10	.7191E-10	.7211E-10	.7258E-10	.7334E-10	.7442E-10	.7588E-10	.7743E-10	.7920E-10
150.	.7913E-10	.7712E-10	.7532E-10	.7379E-10	.7259E-10	.7172E-10	.7118E-10	.7093E-10	.7088E-10	.7092E-10	.7117E-10	.7171E-10	.7257E-10	.7378E-10	.7538E-10	.7718E-10	.7911E-10
160.	.7902E-10	.7689E-10	.7498E-10	.7335E-10	.7209E-10	.7112E-10	.7053E-10	.7025E-10	.7019E-10	.7025E-10	.7052E-10	.7111E-10	.7204E-10	.7333E-10	.7496E-10	.7687E-10	.7899E-10
170.	.7899E-10	.7675E-10	.7478E-10	.7309E-10	.7174E-10	.7076E-10	.7014E-10	.6985E-10	.6978E-10	.6984E-10	.7014E-10	.7075E-10	.7172E-10	.7307E-10	.7475E-10	.7673E-10	.7893E-10
180.	.7895E-10	.7669E-10	.7468E-10	.7296E-10	.7159E-10	.7059E-10	.6996E-10	.6966E-10	.6959E-10	.6966E-10	.6996E-10	.7059E-10	.7159E-10	.7295E-10	.7466E-10	.7667E-10	.7889E-10
190.	.7891E-10	.7668E-10	.7466E-10	.7293E-10	.7156E-10	.7055E-10	.6992E-10	.6961E-10	.6955E-10	.6961E-10	.6992E-10	.7055E-10	.7156E-10	.7292E-10	.7466E-10	.7665E-10	.7889E-10
200.	.7891E-10	.7668E-10	.7466E-10	.7294E-10	.7156E-10	.7056E-10	.6992E-10	.6962E-10	.6955E-10	.6962E-10	.6992E-10	.7055E-10	.7155E-10	.7292E-10	.7466E-10	.7665E-10	.7889E-10
210.	.7893E-10	.7671E-10	.7470E-10	.7299E-10	.7162E-10	.7063E-10	.7000E-10	.6970E-10	.6963E-10	.6970E-10	.7000E-10	.7062E-10	.7161E-10	.7297E-10	.7468E-10	.7668E-10	.7890E-10
220.	.7897E-10	.7680E-10	.7484E-10	.7317E-10	.7184E-10	.7087E-10	.7027E-10	.6997E-10	.6991E-10	.6997E-10	.7026E-10	.7086E-10	.7183E-10	.7315E-10	.7482E-10	.7677E-10	.7895E-10
230.	.7907E-10	.7700E-10	.7513E-10	.7350E-10	.7220E-10	.7139E-10	.7083E-10	.7056E-10	.7050E-10	.7056E-10	.7082E-10	.7138E-10	.7220E-10	.7353E-10	.7511E-10	.7697E-10	.7905E-10
240.	.7924E-10	.7733E-10	.7563E-10	.7420E-10	.7307E-10	.7226E-10	.7177E-10	.7154E-10	.7150E-10	.7154E-10	.7176E-10	.7226E-10	.7306E-10	.7418E-10	.7561E-10	.7731E-10	.7921E-10
250.	.7949E-10	.7783E-10	.7636E-10	.7519E-10	.7426E-10	.7359E-10	.7319E-10	.7299E-10	.7296E-10	.7299E-10	.7315E-10	.7354E-10	.7419E-10	.7513E-10	.7634E-10	.7788E-10	.7946E-10
260.	.7983E-10	.7849E-10	.7734E-10	.7641E-10	.7570E-10	.7524E-10	.7498E-10	.7489E-10	.7488E-10	.7489E-10	.7497E-10	.7523E-10	.7569E-10	.7639E-10	.7732E-10	.7846E-10	.7979E-10
270.	.8028E-10	.7938E-10	.7853E-10	.7794E-10	.7753E-10	.7730E-10	.7720E-10	.7720E-10	.7722E-10	.7719E-10	.7729E-10	.7752E-10	.7792E-10	.7851E-10	.7927E-10	.8020E-10
280.	.8069E-10	.8023E-10	.7990E-10	.7970E-10	.7962E-10	.7963E-10	.7971E-10	.7981E-10	.7986E-10	.7981E-10	.7971E-10	.7962E-10	.7960E-10	.7968E-10	.7988E-10	.8021E-10	.8067E-10
290.	.8121E-10	.8124E-10	.8137E-10	.8158E-10	.8184E-10	.8212E-10	.8238E-10	.8258E-10	.8267E-10	.8258E-10	.8237E-10	.8211E-10	.8182E-10	.8156E-10	.8135E-10	.8122E-10	.8118E-10
300.	.8174E-10	.8227E-10	.8287E-10	.8348E-10	.8407E-10	.8461E-10	.8505E-10	.8535E-10	.8546E-10	.8535E-10	.8504E-10	.8460E-10	.8406E-10	.8346E-10	.8284E-10	.8225E-10	.8171E-10
310.	.8225E-10	.8327E-10	.8438E-10	.8529E-10	.8619E-10	.8696E-10	.8756E-10	.8795E-10	.8809E-10	.8795E-10	.8756E-10	.8695E-10	.8617E-10	.8527E-10	.8427E-10	.8324E-10	.8222E-10
320.	.8271E-10	.8417E-10	.8588E-10	.8691E-10	.8808E-10	.8905E-10	.8979E-10	.9025E-10	.9041E-10	.9025E-10	.8978E-10	.8904E-10	.8806E-10	.8689E-10	.8556E-10	.8414E-10	.8268E-10
330.	.8310E-10	.8493E-10	.8666E-10	.8823E-10	.8964E-10	.9078E-10	.9162E-10	.9214E-10	.9232E-10	.9214E-10	.9161E-10	.9076E-10	.8962E-10	.8823E-10	.8664E-10	.8498E-10	.8308E-10
340.	.8340E-10	.8549E-10	.8747E-10	.8926E-10	.9081E-10	.9206E-10	.9299E-10	.9359E-10	.9374E-10	.9359E-10	.9298E-10	.9205E-10	.9079E-10	.8924E-10	.8745E-10	.8547E-10	.8330E-10
350.	.8359E-10	.8566E-10	.8799E-10	.8991E-10	.9159E-10	.9288E-10	.9385E-10	.9444E-10	.9464E-10	.9444E-10	.9384E-10	.9287E-10	.9154E-10	.8988E-10	.8796E-10	.8583E-10	.8357E-10

90. -90.
.8128E-10 .8128E-10

Number of Data Values: 612
Mean Value: .8855E-10

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1978 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 300.0
F10: 230.00 F10B: 230.00 CI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	-80	-70.	(-SOUTH) LATITUDES (+NORTH) -60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0	.5445E-10	.5[illegible]E-10	.5806E-10	.5963E-10	.6103E-10	.6214E-10	.6296E-10	.6346E-10	.6363E-10	.6346E-10	.6296E-10	.6213E-10	.6102E-10	.5964E-10	.5804E-10	.5628E-10	.5443E-10
10	.5442E-10	.5[illegible]E-10	.5799E-10	.5956E-10	.6093E-10	.6203E-10	.6284E-10	.6333E-10	.6350E-10	.6333E-10	.6283E-10	.6202E-10	.6091E-10	.5955E-10	.5797E-10	.5623E-10	.5440E-10
20	.5431E-10	.5604E-10	.5769E-10	.5919E-10	.6049E-10	.6155E-10	.6233E-10	.6281E-10	.6297E-10	.6280E-10	.6234E-10	.6154E-10	.6047E-10	.5917E-10	.5767E-10	.5602E-10	.5429E-10
30	.5413E-10	.5569E-10	.5719E-10	.5856E-10	.5976E-10	.6074E-10	.6147E-10	.6194E-10	.6207E-10	.6191E-10	.6146E-10	.6073E-10	.5974E-10	.5854E-10	.5717E-10	.5567E-10	.5411E-10
40.	.5388E-10	.5522E-10	.5651E-10	.5771E-10	.5877E-10	.5965E-10	.6030E-10	.6072E-10	.6086E-10	.6071E-10	.6030E-10	.5964E-10	.5876E-10	.5770E-10	.5650E-10	.5520E-10	.5385E-10
50	.5360E-10	.5466E-10	.5571E-10	.5670E-10	.5759E-10	.5833E-10	.5890E-10	.5926E-10	.5937E-10	.5926E-10	.5890E-10	.5832E-10	.5750E-10	.5648E-10	.5525E-10	.5395E-10	.5260E-10
60.	.5328E-10	.5404E-10	.5481E-10	.5556E-10	.5626E-10	.5686E-10	.5732E-10	.5763E-10	.5774E-10	.5762E-10	.5732E-10	.5680E-10	.5625E-10	.5555E-10	.5479E-10	.5402E-10	.5325E-10
70.	.5294E-10	.5338E-10	.5386E-10	.5436E-10	.5484E-10	.5527E-10	.5563E-10	.5587E-10	.5596E-10	.5587E-10	.5563E-10	.5526E-10	.5480E-10	.5434E-10	.5387E-10	.5341E-10	.5296E-10
80	.5260E-10	.5271E-10	.5289E-10	.5312E-10	.5338E-10	.5365E-10	.5389E-10	.5406E-10	.5414E-10	.5406E-10	.5388E-10	.5364E-10	.5337E-10	.5311E-10	.5287E-10	.5269E-10	.5260E-10
90	.5226E-10	.5205E-10	.5194E-10	.5190E-10	.5195E-10	.5204E-10	.5216E-10	.5227E-10	.5232E-10	.5227E-10	.5216E-10	.5203E-10	.5194E-10	.5189E-10	.5192E-10	.5203E-10	.5224E-10
100	.5195E-10	.5143E-10	.5103E-10	.5079E-10	.5058E-10	.5050E-10	.5051E-10	.5055E-10	.5058E-10	.5055E-10	.5050E-10	.5058E-10	.5084E-10	.5073E-10	.5101E-10	.5141E-10	.5193E-10
110	.5166E-10	.5066E-10	.5028E-10	.4968E-10	.4931E-10	.4908E-10	.4898E-10	.4896E-10	.4898E-10	.4896E-10	.4898E-10	.4908E-10	.4938E-10	.4967E-10	.5018E-10	.5084E-10	.5164E-10
120.	.5141E-10	.5036E-10	.4966E-10	.4877E-10	.4819E-10	.4782E-10	.4762E-10	.4755E-10	.4754E-10	.4755E-10	.4762E-10	.4781E-10	.4818E-10	.4872E-10	.4945E-10	.5034E-10	.5139E-10
130.	.5119E-10	.4994E-10	.4904E-10	.4793E-10	.4723E-10	.4679E-10	.4646E-10	.4634E-10	.4632E-10	.4634E-10	.4646E-10	.4674E-10	.4722E-10	.4792E-10	.4882E-10	.4992E-10	.5117E-10
140.	.5102E-10	.4959E-10	.4833E-10	.4720E-10	.4646E-10	.4588E-10	.4552E-10	.4536E-10	.4533E-10	.4536E-10	.4552E-10	.4587E-10	.4645E-10	.4727E-10	.4832E-10	.4957E-10	.5100E-10
150.	.5089E-10	.4933E-10	.4795E-10	.4679E-10	.4588E-10	.4522E-10	.4492E-10	.4469E-10	.4462E-10	.4481E-10	.4521E-10	.4587E-10	.4678E-10	.4794E-10	.4932E-10	.5087E-10	
160.	.5080E-10	.4916E-10	.4769E-10	.4648E-10	.4547E-10	.4477E-10	.4433E-10	.4412E-10	.4407E-10	.4412E-10	.4432E-10	.4476E-10	.4546E-10	.4646E-10	.4760E-10	.4914E-10	.5078E-10
170.	.5075E-10	.4905E-10	.4754E-10	.4625E-10	.4523E-10	.4450E-10	.4404E-10	.4382E-10	.4377E-10	.4381E-10	.4403E-10	.4449E-10	.4523E-10	.4624E-10	.4752E-10	.4903E-10	.5073E-10
180	.5072E-10	.4900E-10	.4747E-10	.4616E-10	.4513E-10	.4438E-10	.4391E-10	.4368E-10	.4363E-10	.4368E-10	.4390E-10	.4437E-10	.4512E-10	.4613E-10	.4745E-10	.4899E-10	.5070E-10
190.	.5072E-10	.4899E-10	.4745E-10	.4614E-10	.4510E-10	.4435E-10	.4387E-10	.4364E-10	.4359E-10	.4364E-10	.4387E-10	.4434E-10	.4509E-10	.4613E-10	.4743E-10	.4897E-10	.5070E-10
200	.5072E-10	.4899E-10	.4745E-10	.4614E-10	.4510E-10	.4435E-10	.4388E-10	.4365E-10	.4360E-10	.4365E-10	.4387E-10	.4434E-10	.4509E-10	.4613E-10	.4743E-10	.4898E-10	.5070E-10
210	.5073E-10	.4901E-10	.4748E-10	.4618E-10	.4515E-10	.4440E-10	.4393E-10	.4371E-10	.4366E-10	.4371E-10	.4393E-10	.4440E-10	.4514E-10	.4617E-10	.4746E-10	.4900E-10	.5071E-10
220	.5076E-10	.4905E-10	.4755E-10	.4627E-10	.4523E-10	.4449E-10	.4403E-10	.4381E-10	.4376E-10	.4381E-10	.4403E-10	.4449E-10	.4523E-10	.4626E-10	.4757E-10	.4907E-10	.5074E-10
230.	.5080E-10	.4910E-10	.4761E-10	.4636E-10	.4536E-10	.4467E-10	.4425E-10	.4403E-10	.4398E-10	.4403E-10	.4425E-10	.4467E-10	.4535E-10	.4635E-10	.4759E-10	.4910E-10	.5077E-10
240.	.5087E-10	.4918E-10	.4771E-10	.4647E-10	.4550E-10	.4483E-10	.4443E-10	.4422E-10	.4417E-10	.4422E-10	.4443E-10	.4483E-10	.4549E-10	.4646E-10	.4764E-10	.4914E-10	.5080E-10
250.	.5116E-10	.4908E-10	.4775E-10	.4652E-10	.4556E-10	.4489E-10	.4449E-10	.4428E-10	.4423E-10	.4428E-10	.4449E-10	.4489E-10	.4555E-10	.4652E-10	.4770E-10	.4919E-10	.5085E-10
260.	.5142E-10	.4939E-10	.4950E-10	.4670E-10	.4572E-10	.4504E-10	.4463E-10	.4442E-10	.4437E-10	.4442E-10	.4463E-10	.4504E-10	.4570E-10	.4668E-10	.4787E-10	.4938E-10	.5104E-10
270	.5174E-10	.5102E-10	.5042E-10	.4997E-10	.4965E-10	.4947E-10	.4939E-10	.4939E-10	.4941E-10	.4939E-10	.4939E-10	.4946E-10	.4964E-10	.4993E-10	.5041E-10	.5108E-10	.5172E-10
280	.5210E-10	.5174E-10	.5148E-10	.5133E-10	.5126E-10	.5128E-10	.5134E-10	.5142E-10	.5146E-10	.5141E-10	.5133E-10	.5127E-10	.5125E-10	.5131E-10	.5147E-10	.5172E-10	.5208E-10
290	.5251E-10	.5253E-10	.5263E-10	.5280E-10	.5300E-10	.5322E-10	.5343E-10	.5359E-10	.5365E-10	.5358E-10	.5342E-10	.5321E-10	.5299E-10	.5278E-10	.5262E-10	.5251E-10	.5249E-10
300	.5292E-10	.5334E-10	.5381E-10	.5429E-10	.5476E-10	.5519E-10	.5554E-10	.5578E-10	.5587E-10	.5577E-10	.5553E-10	.5518E-10	.5475E-10	.5428E-10	.5379E-10	.5332E-10	.5290E-10
310	.5334E-10	.5413E-10	.5494E-10	.5573E-10	.5645E-10	.5707E-10	.5755E-10	.5786E-10	.5797E-10	.5786E-10	.5754E-10	.5706E-10	.5644E-10	.5571E-10	.5492E-10	.5411E-10	.5333E-10
320	.5369E-10	.5484E-10	.5596E-10	.5702E-10	.5796E-10	.5875E-10	.5935E-10	.5972E-10	.5986E-10	.5972E-10	.5934E-10	.5874E-10	.5795E-10	.5700E-10	.5595E-10	.5487E-10	.5382E-10
330	.5408E-10	.5544E-10	.5662E-10	.5810E-10	.5923E-10	.6015E-10	.6084E-10	.6127E-10	.6141E-10	.6126E-10	.6083E-10	.6014E-10	.5921E-10	.5809E-10	.5688E-10	.5562E-10	.5398E-10
340	.5423E-10	.5589E-10	.5747E-10	.5892E-10	.6018E-10	.6120E-10	.6196E-10	.6243E-10	.6258E-10	.6242E-10	.6195E-10	.6119E-10	.6016E-10	.5898E-10	.5766E-10	.5587E-10	.5421E-10
350.	.5438E-10	.5610E-10	.5789E-10	.5944E-10	.6078E-10	.6187E-10	.6267E-10	.6316E-10	.6333E-10	.6316E-10	.6267E-10	.6186E-10	.6077E-10	.5943E-10	.5787E-10	.5616E-10	.5436E-10

90. -90.

.5258E-10 .5258E-10

Number of Data Values: 612

Mean Value: .5207E-10

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 400.0
F10: 230.00 F10B: 230.00 GI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60	70.	80
0.	.1240E-10	.1310E-10	.1378E-10	.1442E-10	.1499E-10	.1545E-10	.1580E-10	.1602E-10	.1609E-10	.1602E-10	.1580E-10	.1545E-10	.1490E-10	.1442E-10	.1378E-10	.1309E-10	.1274E-10
10.	.1239E-10	.1308E-10	.1376E-10	.1439E-10	.1494E-10	.1541E-10	.1575E-10	.1596E-10	.1603E-10	.1596E-10	.1575E-10	.1540E-10	.1494E-10	.1438E-10	.1375E-10	.1307E-10	.1239E-10
20.	.1235E-10	.1306E-10	.1364E-10	.1423E-10	.1476E-10	.1520E-10	.1553E-10	.1573E-10	.1580E-10	.1573E-10	.1553E-10	.1520E-10	.1476E-10	.1423E-10	.1363E-10	.1299E-10	.1234E-10
30.	.1228E-10	.1286E-10	.1344E-10	.1398E-10	.1446E-10	.1487E-10	.1517E-10	.1536E-10	.1542E-10	.1536E-10	.1517E-10	.1486E-10	.1446E-10	.1398E-10	.1343E-10	.1286E-10	.1227E-10
40.	.1219E-10	.1269E-10	.1318E-10	.1365E-10	.1407E-10	.1442E-10	.1469E-10	.1486E-10	.1492E-10	.1486E-10	.1469E-10	.1442E-10	.1406E-10	.1364E-10	.1317E-10	.1268E-10	.1218E-10
50.	.1208E-10	.1248E-10	.1287E-10	.1325E-10	.1360E-10	.1389E-10	.1412E-10	.1427E-10	.1432E-10	.1426E-10	.1412E-10	.1389E-10	.1359E-10	.1325E-10	.1287E-10	.1247E-10	.1207E-10
60.	.1196E-10	.1224E-10	.1253E-10	.1282E-10	.1308E-10	.1331E-10	.1349E-10	.1361E-10	.1366E-10	.1361E-10	.1349E-10	.1331E-10	.1308E-10	.1281E-10	.1253E-10	.1224E-10	.1196E-10
70.	.1184E-10	.1200E-10	.1218E-10	.1236E-10	.1254E-10	.1271E-10	.1284E-10	.1293E-10	.1297E-10	.1293E-10	.1284E-10	.1270E-10	.1254E-10	.1236E-10	.1217E-10	.1199E-10	.1183E-10
80.	.1172E-10	.1176E-10	.1182E-10	.1191E-10	.1200E-10	.1210E-10	.1219E-10	.1225E-10	.1228E-10	.1225E-10	.1219E-10	.1210E-10	.1200E-10	.1190E-10	.1182E-10	.1175E-10	.1171E-10
90.	.1159E-10	.1152E-10	.1148E-10	.1147E-10	.1148E-10	.1152E-10	.1156E-10	.1160E-10	.1162E-10	.1160E-10	.1156E-10	.1151E-10	.1148E-10	.1146E-10	.1147E-10	.1151E-10	.1159E-10
100.	.1148E-10	.1138E-10	.1116E-10	.1105E-10	.1100E-10	.1097E-10	.1097E-10	.1099E-10	.1100E-10	.1099E-10	.1097E-10	.1097E-10	.1099E-10	.1105E-10	.1115E-10	.1129E-10	.1147E-10
110.	.1138E-10	.1110E-10	.1086E-10	.1063E-10	.1056E-10	.1049E-10	.1044E-10	.1044E-10	.1044E-10	.1044E-10	.1044E-10	.1048E-10	.1055E-10	.1068E-10	.1086E-10	.1109E-10	.1137E-10
120.	.1129E-10	.1092E-10	.1061E-10	.1036E-10	.1017E-10	.1003E-10	.9983E-11	.9959E-11	.9958E-11	.9958E-11	.9982E-11	.1005E-10	.1017E-10	.1035E-10	.1060E-10	.1091E-10	.1128E-10
130.	.1121E-10	.1077E-10	.1039E-10	.1009E-10	.9854E-11	.9693E-11	.9599E-11	.9560E-11	.9554E-11	.9559E-11	.9598E-11	.9691E-11	.9850E-11	.1008E-10	.1039E-10	.1077E-10	.1121E-10
140.	.1115E-10	.1065E-10	.1022E-10	.9870E-11	.9599E-11	.9409E-11	.9294E-11	.9243E-11	.9233E-11	.9242E-11	.9293E-11	.9406E-11	.9595E-11	.9865E-11	.1022E-10	.1065E-10	.1114E-10
150.	.1111E-10	.1056E-10	.1009E-10	.9707E-11	.9400E-11	.9196E-11	.9067E-11	.9006E-11	.8994E-11	.9006E-11	.9045E-11	.9194E-11	.9405E-11	.9703E-11	.1009E-10	.1056E-10	.1110E-10
160.	.1107E-10	.1050E-10	.1001E-10	.9597E-11	.9278E-11	.9052E-11	.8912E-11	.8845E-11	.8831E-11	.8845E-11	.8910E-11	.9050E-11	.9275E-11	.9592E-11	.1000E-10	.1054E-10	.1107E-10
170.	.1106E-10	.1047E-10	.9955E-11	.9531E-11	.9201E-11	.8966E-11	.8820E-11	.8750E-11	.8735E-11	.8750E-11	.8819E-11	.8964E-11	.9198E-11	.9527E-11	.9950E-11	.1046E-10	.1105E-10
180.	.1105E-10	.1045E-10	.9932E-11	.9501E-11	.9166E-11	.8927E-11	.8778E-11	.8707E-11	.8691E-11	.8707E-11	.8777E-11	.8925E-11	.9163E-11	.9497E-11	.9926E-11	.1044E-10	.1104E-10
190.	.1105E-10	.1045E-10	.9926E-11	.9494E-11	.9158E-11	.8918E-11	.8768E-11	.8696E-11	.8681E-11	.8696E-11	.8767E-11	.8916E-11	.9155E-11	.9490E-11	.9921E-11	.1044E-10	.1104E-10
200.	.1105E-10	.1045E-10	.9926E-11	.9495E-11	.9158E-11	.8919E-11	.8769E-11	.8697E-11	.8682E-11	.8697E-11	.8768E-11	.8916E-11	.9155E-11	.9490E-11	.9921E-11	.1044E-10	.1104E-10
210.	.1105E-10	.1045E-10	.9937E-11	.9508E-11	.9174E-11	.8935E-11	.8787E-11	.8716E-11	.8701E-11	.8716E-11	.8786E-11	.8933E-11	.9171E-11	.9503E-11	.9931E-11	.1045E-10	.1104E-10
220.	.1106E-10	.1046E-10	.9972E-11	.9552E-11	.9226E-11	.8994E-11	.8849E-11	.8781E-11	.8766E-11	.8780E-11	.8848E-11	.8991E-11	.9223E-11	.9548E-11	.9966E-11	.1047E-10	.1105E-10
230.	.1108E-10	.1053E-10	.1005E-10	.9647E-11	.9337E-11	.9118E-11	.8982E-11	.8919E-11	.8905E-11	.8918E-11	.8981E-11	.9115E-11	.9334E-11	.9643E-11	.1004E-10	.1053E-10	.1108E-10
240.	.1113E-10	.1062E-10	.1018E-10	.9809E-11	.9527E-11	.9330E-11	.9209E-11	.9154E-11	.9144E-11	.9154E-11	.9208E-11	.9327E-11	.9524E-11	.9805E-11	.1017E-10	.1061E-10	.1113E-10
250.	.1120E-10	.1075E-10	.1037E-10	.1005E-10	.9811E-11	.9645E-11	.9548E-11	.9507E-11	.9500E-11	.9506E-11	.9547E-11	.9643E-11	.9807E-11	.1005E-10	.1036E-10	.1075E-10	.1120E-10
260.	.1129E-10	.1093E-10	.1062E-10	.1038E-10	.1019E-10	.1007E-10	.1001E-10	.9984E-11	.9983E-11	.9983E-11	.1001E-10	.1007E-10	.1019E-10	.1037E-10	.1062E-10	.1092E-10	.1129E-10
270.	.1141E-10	.1115E-10	.1094E-10	.1078E-10	.1067E-10	.1061E-10	.1058E-10	.1058E-10	.1059E-10	.1058E-10	.1058E-10	.1061E-10	.1067E-10	.1078E-10	.1094E-10	.1114E-10	.1140E-10
280.	.1154E-10	.1141E-10	.1132E-10	.1126E-10	.1124E-10	.1124E-10	.1126E-10	.1129E-10	.1131E-10	.1129E-10	.1126E-10	.1124E-10	.1123E-10	.1126E-10	.1131E-10	.1140E-10	.1153E-10
290.	.1168E-10	.1169E-10	.1173E-10	.1179E-10	.1186E-10	.1194E-10	.1202E-10	.1208E-10	.1210E-10	.1208E-10	.1202E-10	.1194E-10	.1186E-10	.1178E-10	.1172E-10	.1169E-10	.1168E-10
300	.1183E-10	.1199E-10	.1216E-10	.1234E-10	.1251E-10	.1267E-10	.1281E-10	.1290E-10	.1293E-10	.1290E-10	.1280E-10	.1267E-10	.1251E-10	.1233E-10	.1215E-10	.1198E-10	.1183E-10
310.	.1196E-10	.1220E-10	.1258E-10	.1288E-10	.1316E-10	.1340E-10	.1358E-10	.1371E-10	.1375E-10	.1371E-10	.1359E-10	.1339E-10	.1315E-10	.1287E-10	.1257E-10	.1227E-10	.1197E-10
320.	.1211E-10	.1254E-10	.1297E-10	.1338E-10	.1375E-10	.1406E-10	.1430E-10	.1445E-10	.1450E-10	.1445E-10	.1430E-10	.1405E-10	.1374E-10	.1337E-10	.1296E-10	.1254E-10	.1211E-10
330.	.1223E-10	.1277E-10	.1330E-10	.1380E-10	.1425E-10	.1462E-10	.1491E-10	.1509E-10	.1515E-10	.1509E-10	.1491E-10	.1462E-10	.1424E-10	.1379E-10	.1329E-10	.1276E-10	.1222E-10
340.	.1232E-10	.1294E-10	.1355E-10	.1413E-10	.1464E-10	.1506E-10	.1538E-10	.1557E-10	.1564E-10	.1557E-10	.1537E-10	.1505E-10	.1463E-10	.1412E-10	.1355E-10	.1293E-10	.1231E-10
350.	.1237E-10	.1305E-10	.1372E-10	.1434E-10	.1489E-10	.1534E-10	.1568E-10	.1589E-10	.1596E-10	.1589E-10	.1568E-10	.1533E-10	.1488E-10	.1433E-10	.1371E-10	.1305E-10	.1236E-10

Number of Data Values: 612

90.	-90.
.1168E-10	.1170E-10

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 407.7
F10: 230.00 F10B: 230.00 GI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0	(-SOUTH) LATITUDES (+NORTH) 10	20.	30	40	50.	60.	70.	80
0.	.1119E-10	.1184E-10	.1240E-10	.1308E-10	.1360E-10	.1404E-10	.1436E-10	.1456E-10	.1463E-10	.1456E-10	.1436E-10	.1403E-10	.1360E-10	.1307E-10	.1247E-10	.1184E-10	.1119E-10
10.	.1118E-10	.1183E-10	.1245E-10	.1304E-10	.1356E-10	.1399E-10	.1431E-10	.1451E-10	.1458E-10	.1451E-10	.1431E-10	.1399E-10	.1356E-10	.1304E-10	.1245E-10	.1182E-10	.1117E-10
20.	.1114E-10	.1175E-10	.1234E-10	.1290E-10	.1339E-10	.1380E-10	.1411E-10	.1430E-10	.1436E-10	.1430E-10	.1411E-10	.1380E-10	.1339E-10	.1289E-10	.1234E-10	.1174E-10	.1114E-10
30.	.1108E-10	.1163E-10	.1216E-10	.1266E-10	.1311E-10	.1349E-10	.1377E-10	.1395E-10	.1401E-10	.1395E-10	.1377E-10	.1349E-10	.1311E-10	.1266E-10	.1215E-10	.1162E-10	.1107E-10
40.	.1100E-10	.1146E-10	.1192E-10	.1235E-10	.1274E-10	.1307E-10	.1332E-10	.1348E-10	.1353E-10	.1348E-10	.1332E-10	.1307E-10	.1274E-10	.1235E-10	.1191E-10	.1145E-10	.1099E-10
50.	.1090E-10	.1126E-10	.1163E-10	.1199E-10	.1231E-10	.1258E-10	.1279E-10	.1293E-10	.1298E-10	.1293E-10	.1279E-10	.1258E-10	.1230E-10	.1198E-10	.1163E-10	.1126E-10	.1089E-10
60.	.1079E-10	.1105E-10	.1132E-10	.1158E-10	.1183E-10	.1204E-10	.1221E-10	.1232E-10	.1236E-10	.1232E-10	.1221E-10	.1204E-10	.1182E-10	.1158E-10	.1131E-10	.1104E-10	.1078E-10
70.	.1067E-10	.1082E-10	.1099E-10	.1116E-10	.1133E-10	.1148E-10	.1160E-10	.1169E-10	.1172E-10	.1169E-10	.1160E-10	.1148E-10	.1132E-10	.1115E-10	.1098E-10	.1082E-10	.1067E-10
80.	.1056E-10	.1068E-10	.1066E-10	.1074E-10	.1083E-10	.1092E-10	.1100E-10	.1106E-10	.1108E-10	.1106E-10	.1100E-10	.1091E-10	.1082E-10	.1073E-10	.1065E-10	.1059E-10	.1055E-10
90.	.1045E-10	.1038E-10	.1034E-10	.1033E-10	.1034E-10	.1037E-10	.1041E-10	.1045E-10	.1047E-10	.1045E-10	.1041E-10	.1037E-10	.1034E-10	.1032E-10	.1033E-10	.1037E-10	.1044E-10
100.	.1034E-10	.1017E-10	.1004E-10	.9949E-11	.9894E-11	.9871E-11	.9872E-11	.9886E-11	.9897E-11	.9886E-11	.9871E-11	.9868E-11	.9890E-11	.9944E-11	.1004E-10	.1017E-10	.1034E-10
110.	.1025E-10	.9907E-11	.9772E-11	.9606E-11	.9408E-11	.9417E-11	.9384E-11	.9379E-11	.9383E-11	.9378E-11	.9383E-11	.9414E-11	.9485E-11	.9601E-11	.9767E-11	.9981E-11	.1024E-10
120.	.1016E-10	.9825E-11	.9536E-11	.9366E-11	.9136E-11	.9022E-11	.8960E-11	.8938E-11	.8937E-11	.8937E-11	.8959E-11	.9020E-11	.9132E-11	.9302E-11	.9531E-11	.9819E-11	.1016E-10
130.	.1009E-10	.9688E-11	.9339E-11	.9056E-11	.8841E-11	.8693E-11	.8607E-11	.8570E-11	.8565E-11	.8570E-11	.8606E-11	.8691E-11	.8838E-11	.9051E-11	.9334E-11	.9682E-11	.1009E-10
140.	.1004E-10	.9578E-11	.9181E-11	.8856E-11	.8606E-11	.8431E-11	.8326E-11	.8279E-11	.8270E-11	.8278E-11	.8325E-11	.8429E-11	.8603E-11	.8852E-11	.9176E-11	.9572E-11	.1003E-10
150.	.9996E-11	.9496E-11	.9063E-11	.8706E-11	.8431E-11	.8236E-11	.8117E-11	.8062E-11	.8050E-11	.8061E-11	.8116E-11	.8234E-11	.8428E-11	.8702E-11	.9058E-11	.9490E-11	.9989E-11
160.	.9967E-11	.9440E-11	.8982E-11	.8604E-11	.8311E-11	.8103E-11	.7975E-11	.7914E-11	.7901E-11	.7913E-11	.7973E-11	.8101E-11	.8308E-11	.8600E-11	.8977E-11	.9434E-11	.9960E-11
170.	.9950E-11	.9407E-11	.8935E-11	.8544E-11	.8241E-11	.8025E-11	.7891E-11	.7827E-11	.7813E-11	.7826E-11	.7889E-11	.8023E-11	.8238E-11	.8540E-11	.8930E-11	.9401E-11	.9943E-11
180.	.9942E-11	.9391E-11	.8913E-11	.8517E-11	.8209E-11	.7989E-11	.7852E-11	.7787E-11	.7773E-11	.7786E-11	.7851E-11	.7987E-11	.8206E-11	.8513E-11	.8906E-11	.9386E-11	.9936E-11
190.	.9940E-11	.9388E-11	.8908E-11	.8510E-11	.8201E-11	.7980E-11	.7843E-11	.7777E-11	.7763E-11	.7777E-11	.7842E-11	.7978E-11	.8198E-11	.8506E-11	.8902E-11	.9382E-11	.9934E-11
200.	.9940E-11	.9388E-11	.8908E-11	.8510E-11	.8201E-11	.7981E-11	.7844E-11	.7778E-11	.7763E-11	.7777E-11	.7842E-11	.7979E-11	.8198E-11	.8506E-11	.8903E-11	.9382E-11	.9934E-11
210.	.9944E-11	.9395E-11	.8917E-11	.8522E-11	.8215E-11	.7996E-11	.7860E-11	.7795E-11	.7781E-11	.7795E-11	.7859E-11	.7995E-11	.8212E-11	.8518E-11	.8912E-11	.9389E-11	.9937E-11
220.	.9955E-11	.9417E-11	.8950E-11	.8563E-11	.8263E-11	.8050E-11	.7917E-11	.7854E-11	.7841E-11	.7854E-11	.7916E-11	.8048E-11	.8260E-11	.8559E-11	.8945E-11	.9411E-11	.9949E-11
230.	.9970E-11	.9465E-11	.9019E-11	.8651E-11	.8366E-11	.8164E-11	.8039E-11	.7981E-11	.7969E-11	.7981E-11	.8038E-11	.8162E-11	.8363E-11	.8647E-11	.9014E-11	.9460E-11	.9974E-11
240.	.1002E-10	.9547E-11	.9137E-11	.8800E-11	.8541E-11	.8359E-11	.8248E-11	.8198E-11	.8188E-11	.8197E-11	.8247E-11	.8357E-11	.8538E-11	.8796E-11	.9132E-11	.9542E-11	.1002E-10
250.	.1009E-10	.9669E-11	.9312E-11	.9022E-11	.8801E-11	.8649E-11	.8560E-11	.8521E-11	.8515E-11	.8521E-11	.8558E-11	.8647E-11	.8798E-11	.9018E-11	.9307E-11	.9663E-11	.1009E-10
260.	.1017E-10	.9833E-11	.9549E-11	.9322E-11	.9154E-11	.9043E-11	.8983E-11	.8961E-11	.8960E-11	.8960E-11	.8981E-11	.9041E-11	.9151E-11	.9318E-11	.9544E-11	.9827E-11	.1016E-10
270.	.1027E-10	.1004E-10	.9844E-11	.9698E-11	.9597E-11	.9539E-11	.9515E-11	.9514E-11	.9520E-11	.9514E-11	.9513E-11	.9536E-11	.9594E-11	.9693E-11	.9839E-11	.1003E-10	.1027E-10
280.	.1040E-10	.1020E-10	.1019E-10	.1014E-10	.1012E-10	.1012E-10	.1014E-10	.1017E-10	.1018E-10	.1017E-10	.1014E-10	.1012E-10	.1011E-10	.1013E-10	.1018E-10	.1027E-10	.1039E-10
290.	.1053E-10	.1054E-10	.1057E-10	.1063E-10	.1070E-10	.1077E-10	.1084E-10	.1089E-10	.1092E-10	.1089E-10	.1084E-10	.1077E-10	.1069E-10	.1062E-10	.1057E-10	.1053E-10	.1052E-10
300.	.1067E-10	.1081E-10	.1097E-10	.1114E-10	.1130E-10	.1145E-10	.1157E-10	.1166E-10	.1169E-10	.1166E-10	.1157E-10	.1145E-10	.1130E-10	.1113E-10	.1096E-10	.1081E-10	.1066E-10
310.	.1080E-10	.1100E-10	.1136E-10	.1164E-10	.1190E-10	.1212E-10	.1229E-10	.1241E-10	.1245E-10	.1241E-10	.1229E-10	.1211E-10	.1189E-10	.1163E-10	.1136E-10	.1107E-10	.1080E-10
320.	.1093E-10	.1133E-10	.1172E-10	.1210E-10	.1244E-10	.1274E-10	.1296E-10	.1310E-10	.1315E-10	.1310E-10	.1296E-10	.1273E-10	.1244E-10	.1210E-10	.1172E-10	.1132E-10	.1092E-10
330.	.1104E-10	.1154E-10	.1203E-10	.1250E-10	.1291E-10	.1326E-10	.1353E-10	.1369E-10	.1375E-10	.1369E-10	.1353E-10	.1326E-10	.1291E-10	.1249E-10	.1202E-10	.1153E-10	.1103E-10
340.	.1112E-10	.1170E-10	.1227E-10	.1280E-10	.1327E-10	.1367E-10	.1397E-10	.1415E-10	.1421E-10	.1415E-10	.1396E-10	.1366E-10	.1327E-10	.1279E-10	.1226E-10	.1169E-10	.1111E-10
350.	.1117E-10	.1180E-10	.1242 10	.1300E-10	.1351E-10	.1393E-10	.1425E-10	.1444E-10	.1451E-10	.1444E-10	.1424E-10	.1393E-10	.1350E-10	.1299E-10	.1241E-10	.1179E-10	.1116E-10

90. -90.

.1054E-10 .1055E-10

Number of Data Values: 612

Mean Value: .1047E-10

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM) 445.0
F10: 230.00 F10B: 230.00 GI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10	20.	30.	40.	50	60	70.	80.
0.	.6908E-11	.7364 -11	.7813E-11	.8235E-11	.8611E-11	.8924E-11	.9159E-11	.9304E-11	.9353E-11	.9303E-11	.9156E-11	.8921E-11	.8607E-11	.8231E-11	.7808E-11	.7359E-11	.6903E-11
10.	.6902E-11	.7351 -11	.7794E-11	.8211E-11	.8582E-11	.8891E-11	.9123E-11	.9266E -11	.9315E-11	.9265E-11	.9121E-11	.8888E-11	.8578E-11	.8206E-11	.7789E-11	.7346E-11	.6897E-11
20.	.6875E-11	.7299L -11	.7716E-11	.8110E-11	.8462E-11	.8755E-11	.8976E-11	.9113E-11	.9159E-11	.9112E-11	.8974E-11	.8752E-11	.8458E-11	.8106E-11	.7712E-11	.7294E-11	.6870E-11
30	.6831E-11	.7211E-11	.7587E-11	.7943E-11	.8263E-11	.8530E-11	.8732E-11	.8859E-11	.8902E-11	.8858E-11	.8730E-11	.8527E-11	.8259E-11	.7939E-11	.7583E-11	.7207E-11	.6827E-11
40.	.6774E-11	.7096E-11	.7417E-11	.7723E-11	.8000E-11	.8233E-11	.8411E-11	.8524E-11	.8563E-11	.8523E-11	.8410E-11	.8234E-11	.7996E-11	.7696E-11	.7413E-11	.7091E-11	.6769E-11
50	.6705E-11	.6960E-11	.7216E-11	.7464E-11	.7691E-11	.7884E-11	.8034E-11	.8130E-11	.8164E-11	.8130E-11	.8033E-11	.7882E-11	.7687E-11	.7460E-11	.7212E-11	.6955E-11	.6700E-11
60	.6629E-11	.6810E-11	.6996E-11	.7181E-11	.7353E-11	.7503E-11	.7623E-11	.7701E-11	.7729E-11	.7700E-11	.7621E-11	.7501E-11	.7350E-11	.7177E-11	.6992E-11	.6805E-11	.6625E-11
70	.6550E-11	.6654E-11	.6768E-11	.6886E-11	.7003E-11	.7109E-11	.7197E-11	.7257E-11	.7279E-11	.7256E-11	.7195E-11	.7107E-11	.7000E-11	.6883E-11	.6763E-11	.6649E-11	.6546E-11
80.	.6471E-11	.6497E-11	.6539E-11	.6593E-11	.6655E-11	.6718E-11	.6774E-11	.6816E-11	.6838E-11	.6816E-11	.6773E-11	.6716E-11	.6652E-11	.6590E- 1	.6535E-11	.6493E-11	.6466E-11
90.	.6394E-11	.6346E-11	.6319E-11	.6312E-11	.6322E-11	.6344E-11	.6371E-11	.6396E-11	.6408E-11	.6396E-11	.6370E-11	.6342E-11	.6319E-11	.6309E- 1	.6315E-11	.6342E-11	.6389E-11
100	.6322E-11	.6285E-11	.6115E-11	.6051E-11	.6014E-11	.5998E-11	.5999E-11	.6008E-11	.6015E-11	.6008E-11	.5998E-11	.5996E-11	.6011E-11	.6048E-11	.6111E-11	.6201E-11	.6317E-11
110.	.6257E-11	.6078E-11	.5930E-11	.5817E-11	.5737E-11	.5688E-11	.5666E-11	.5662E-11	.5665E-11	.5662E-11	.5665E-11	.5687E-11	.5735E-11	.5814E-11	.5927E-11	.6073E-11	.6252E-11
120.	.6199E-11	.5966E-11	.5770E-11	.5613E-11	.5498E-11	.5421E-11	.5379E-11	.5364E-11	.5364E-11	.5364E-11	.5378E-11	.5420E-11	.5496E-11	.5610E-11	.5766E-11	.5962E-11	.6195E-11
130.	.6151E-11	.5873E-11	.5636E-11	.5444E-11	.5299E-11	.5200E-11	.5142E-11	.5117E-11	.5114E-11	.5117E-11	.5141E-11	.5196E-11	.5297E-11	.5441E-11	.5632E-11	.5869E-11	.6146E-11
140.	.6112E-11	.5798E-11	.5529E-11	.5309E-11	.5141E-11	.5024E-11	.4954E-11	.4922E-11	.4916F-11	.4922E-11	.4953E-11	.5023E-11	.5139E-11	.5306E-11	.5525E-11	.5794E-11	.6108E-11
150	.6083E-11	.5742E-11	.5449E-11	.5208E-11	.5024E-11	.4894E-11	.4814E-11	.4777E-11	.4770E-11	.4777E-11	.4813E-11	.4892E-11	.5022E-11	.5206E-11	.5445E-11	.5738E-11	.6079E-11
160.	.6064E-11	.5704E-11	.5394E-11	.5140E-11	.4944E-11	.4805E-11	.4719E-11	.4679E-11	.4671E-11	.4679E-11	.4719E-11	.4804E-11	.4942E-11	.5137E-11	.5391E-11	.5700E-11	.6059E-11
170.	.6052E-11	.5682E-11	.5362E-11	.5100E-11	.4897E-11	.4753E-11	.4664E-11	.4621E-11	.4612E-11	.4621E-11	.4663E-11	.4752E-11	.4895E-11	.5097E-11	.5359E-11	.5670E-11	.6047E-11
180.	.6046E-11	.5671E-11	.5347E-11	.5081E-11	.4875E-11	.4729E-11	.4638E-11	.4595E-11	.4585E-11	.4595E-11	.4638E-11	.4728E-11	.4873E-11	.5078E-11	.5344E-11	.5667E-11	.6042E-11
190	.6045E-11	.5669E-11	.5344E-11	.5077E-11	.4870E-11	.4723E-11	.4632E-11	.4588E-11	.4579E-11	.4588E-11	.4631E-11	.4722E-11	.4868E-11	.5074E-11	.5340E-11	.5665E-11	.6041E-11
200.	.6045E-11	.5669E-11	.5344E-11	.5077E-11	.4870E-11	.4724E-11	.4632E-11	.4589E-11	.4579E-11	.4589E-11	.4632E-11	.4722E-11	.4868E-11	.5074E-11	.5341E-11	.5665E-11	.6041E-11
210.	.6048E-11	.5673E-11	.5350E-11	.5085E-11	.4880E-11	.4734E-11	.4643E-11	.4600E-11	.4591E-11	.4600E-11	.4643E-11	.4733E-11	.4878E-11	.5082E-11	.5347E-11	.5669E-11	.6043E-11
220	.6056E-11	.5689E-11	.5372E-11	.5112E-11	.4912E-11	.4769E-11	.4681E-11	.4640E-11	.4631E-11	.4639E-11	.4681E-11	.4760E-11	.4910E-11	.5110E-11	.5369E-11	.5685E-11	.6051E-11
230.	.6073E-11	.5721E-11	.5419E-11	.5171E-11	.4980E-11	.4845E-11	.4762E-11	.4724E-11	.4716E-11	.4723E-11	.4762E-11	.4844E-11	.4978E-11	.5168E-11	.5416E-11	.5718E-11	.6068E-11
240.	.6102E-11	.5777E-11	.5499E-11	.5271E-11	.5097E-11	.4975E-11	.4901E-11	.4868E-11	.4861E-11	.4868E-11	.4901E-11	.4974E-11	.5095E-11	.5269E-11	.5495E-11	.5773E-11	.6097E-11
250.	.6144E-11	.5860E-11	.5618E-11	.5421E-11	.5272E-11	.5170E-11	.5110E-11	.5084E-11	.5080E-11	.5084E-11	.5109E-11	.5168E-11	.5270E-11	.5418E-11	.5614E-11	.5856E-11	.6140E-11
260.	.6202E-11	.5972E-11	.5778E-11	.5624E-11	.5510E-11	.5435E-11	.5394E-11	.5380E-11	.5379E-11	.5379E-11	.5393E-11	.5434E-11	.5508E-11	.5621E-11	.5775E-11	.5968E-11	.6198E-11
270.	.6274E-11	.6112E-11	.5980E-11	.5880E-11	.5811E-11	.5771E-11	.5755E-11	.5755E-11	.5759E-11	.5754E-11	.5754E-11	.5769E-11	.5809E-11	.5877E-11	.5976E-11	.6108E-11	.6270E-11
280	.6358E-11	.6276E-11	.6217E-11	.6181E-11	.6167E-11	.6170E-11	.6184E-11	.6201E-11	.6211E-11	.6201E-11	.6183E-11	.6168E-11	.6165E-11	.6178E-11	.6213E-11	.6271E-11	.6353E-11
290.	.6450E-11	.6456E-11	.6490E-11	.6510E-11	.6565E-11	.6617E-11	.6665E-11	.6703E-11	.6716E-11	.6702E-11	.6664E-11	.6615E-11	.6562E-11	.6514E-11	.6476E-11	.6452E-11	.6446E-11
300.	.6546E-11	.6645E-11	.6756E-11	.6871E-11	.6984E-11	.7088E-11	.7174E-11	.7233E-11	.7256E-11	.7233E-11	.7173E-11	.7086E-11	.6981E-11	.6867E-11	.6751E-11	.6641E-11	.6541E-11
310.	.6640E-11	.6831E-11	.7020E-11	.7221E-11	.7401E-11	.7557E-11	.7681E-11	.7762E-11	.7791E-11	.7761E-11	.7679E-11	.7555E-11	.7398E-11	.7217E-11	.7023E-11	.6826E-11	.6635E-11
320.	.6727E-11	.7002E-11	.7280E-11	.7545E-11	.7788E-11	.7994E-11	.8153E-11	.8254E-11	.8289E-11	.8253E-11	.8151E-11	.7991E-11	.7784E-11	.7541E-11	.7275E-11	.6998E-11	.6722E-11
330.	.6800E-11	.7149E-11	.7495E-11	.7824E-11	.8120E-11	.8369E-11	.8558E-11	.8677E-11	.8718E-11	.8676E-11	.8556E-11	.8366E-11	.8116E-11	.7820E-11	.7491E-11	.7144E-11	.6795E-11
340.	.6857E-11	.7261E-11	.7661E-11	.8039E-11	.8377E-11	.8659E-11	.8872E-11	.9004E-11	.9049E-11	.9003E-11	.8870E-11	.8656E-11	.8373E-11	.8034E-11	.7657E-11	.7257E-11	.6852E-11
350.	.6893E-11	.7334E-11	.7769E-11	.8170E-11	.8543E-11	.8847E-11	.9075E-11	.9216E-11	.9264E-11	.9215E-11	.9073E-11	.8844E-11	.8539E-11	.8173E-11	.7764E-11	.7329E-11	.6888E-11

90. -90.
.8458E-11 .6463E-11

Number of Data Values: 612

Mean Value: .6424E-11

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 500.0
F10: 230.00 F10B: 230.00 GI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10	20	30.	40.	50.	60	70	80
0.	.3536E-11	.3809E-11	.4080E-11	.4338E-11	.4569E-11	.4763E-11	.4909E-11	.5000E-11	.5031E-11	.4999E-11	.4908E-11	.4761E-11	.4567E-11	.4335E-11	.4077E-11	.3806E-11	.3533E-11
10.	.3532E-11	.3801E-11	.4069E-11	.4323E-11	.4551E-11	.4743E-11	.4887E-11	.4977E-11	.5007E-11	.4976E-11	.4886E-11	.4741E-11	.4549E-11	.4320E-11	.4066E-11	.3798E-11	.3529E-11
20.	.3517E-11	.3778E-11	.4022E-11	.4261E-11	.4477E-11	.4658E-11	.4795E-11	.4881E-11	.4910E-11	.4880E-11	.4794E-11	.4656E-11	.4475E-11	.4258E-11	.4019E-11	.3767E-11	.3514E-11
30.	.3491E-11	.3717E-11	.3944E-11	.4159E-11	.4355E-11	.4519E-11	.4644E-11	.4723E-11	.4749E-11	.4722E-11	.4643E-11	.4517E-11	.4352E-11	.4157E-11	.3941E-11	.3714E-11	.3488E-11
40.	.3456E-11	.3640E-11	.3841E-11	.4026E-11	.4194E-11	.4337E-11	.4446E-11	.4515E-11	.4539E-11	.4515E-11	.4445E-11	.4335E-11	.4192E-11	.4023E-11	.3838E-11	.3645E-11	.3453E-11
50.	.3416E-11	.3567E-11	.3720E-11	.3869E-11	.4006E-11	.4124E-11	.4215E-11	.4274E-11	.4294E-11	.4273E-11	.4214E-11	.4122E-11	.4004E-11	.3867E-11	.3718E-11	.3564E-11	.3413E-11
60	.3371E-11	.3478E-11	.3589E-11	.3699E-11	.3802E-11	.3893E-11	.3965E-11	.4012E-11	.4029E-11	.4012E-11	.3964E-11	.3891E-11	.3800E-11	.3697E-11	.3586E-11	.3472E-11	.3360E-11
70	.3324E-11	.3385E-11	.3453E-11	.3523E-11	.3593E-11	.3656E-11	.3708E-11	.3744E-11	.3758E-11	.3744E-11	.3707E-11	.3655E-11	.3591E-11	.3521E-11	.3450E-11	.3383E-11	.3322E-11
80.	.3278E-11	.3293E-11	.3318E-11	.3350E-11	.3386E-11	.3423E-11	.3457E-11	.3482E-11	.3492E-11	.3481E-11	.3456E-11	.3422E-11	.3384E-11	.3348E-11	.3315E-11	.3290E-11	.3275E-11
90.	.3233E-11	.3204E-11	.3189E-11	.3185E-11	.3190E-11	.3203E-11	.3219E-11	.3234E-11	.3241E-11	.3233E-11	.3210E-11	.3202E-11	.3189E-11	.3183E-11	.3186E-11	.3202E-11	.3230E-11
100.	.3194E-11	.3122E-11	.3069E-11	.3032E-11	.3010E-11	.3001E-11	.3002E-11	.3007E-11	.3011E-11	.3007E-11	.3001E-11	.3000E-11	.3009E-11	.3030E-11	.3067E-11	.3119E-11	.3186E-11
110.	.3152E-11	.3048E-11	.2962E-11	.2896E-11	.2850E-11	.2822E-11	.2810E-11	.2807E-11	.2809E-11	.2807E-11	.2809E-11	.2821E-11	.2849E-11	.2895E-11	.2960E-11	.3045E-11	.3149E-11
120	.3110E-11	.2983E-11	.2869E-11	.2779E-11	.2713E-11	.2669E-11	.2645E-11	.2637E-11	.2636E-11	.2636E-11	.2645E-11	.2668E-11	.2712E-11	.2777E-11	.2867E-11	.2980E-11	.3116E-11
130	.3090E-11	.2929E-11	.2792E-11	.2682E-11	.2599E-11	.2543E-11	.2510E-11	.2496E-11	.2494E-11	.2496E-11	.2510E-11	.2542E-11	.2598E-11	.2680E-11	.2790E-11	.2926E-11	.3068E-11
140.	.3068E-11	.2886E-11	.2730E-11	.2605E-11	.2510E-11	.2444E-11	.2404E-11	.2386E-11	.2383E-11	.2386E-11	.2403E-11	.2443E-11	.2509E-11	.2603E-11	.2729E-11	.2883E-11	.3065E-11
150	.3051E-11	.2853E-11	.2695E-11	.2548E-11	.2443E-11	.2370E-11	.2326E-11	.2305E-11	.2301E-11	.2305E-11	.2325E-11	.2369E-11	.2442E-11	.2546E-11	.2683E-11	.2851E-11	.3048E-11
160.	.3039E-11	.2831E-11	.2654E-11	.2509E-11	.2398E-11	.2321E-11	.2273E-11	.2250E-11	.2245E-11	.2250E-11	.2272E-11	.2320E-11	.2397E-11	.2508E-11	.2652E-11	.2829E-11	.3037E-11
170.	.3033E-11	.2810E-11	.2635E-11	.2486E-11	.2372E-11	.2291E-11	.2242E-11	.2218E-11	.2213E-11	.2218E-11	.2241E-11	.2291E-11	.2371E-11	.2485E-11	.2633E-11	.2816E-11	.3030E-11
180.	.3029E-11	.2812E-11	.2627E-11	.2476E-11	.2360E-11	.2278E-11	.2227E-11	.2203E-11	.2198E-11	.2203E-11	.2227E-11	.2277E-11	.2359E-11	.2474E-11	.2625E-11	.2810E-11	.3027E-11
190.	.3029E-11	.2811E-11	.2625E-11	.2473E-11	.2357E-11	.2275E-11	.2224E-11	.2200E-11	.2194E-11	.2199E-11	.2223E-11	.2274E-11	.2356E-11	.2472E-11	.2624E-11	.2809E-11	.3026E-11
200	.3029E-11	.2811E-11	.2625E-11	.2473E-11	.2357E-11	.2275E-11	.2224E-11	.2200E-11	.2195E-11	.2200E-11	.2224E-11	.2274E-11	.2356E-11	.2472E-11	.2623E-11	.2809E-11	.3026E-11
210.	.3030E-11	.2814E-11	.2629E-11	.2478E-11	.2362E-11	.2281E-11	.2230E-11	.2206E-11	.2201E-11	.2206E-11	.2230E-11	.2280E-11	.2361E-11	.2476E-11	.2627E-11	.2811E-11	.3028E-11
220.	.3035E-11	.2822E-11	.2641E-11	.2493E-11	.2380E-11	.2301E-11	.2251E-11	.2228E-11	.2223E-11	.2228E-11	.2251E-11	.2300E-11	.2379E-11	.2492E-11	.2639E-11	.2820E-11	.3032E-11
230	.3045E-11	.2841E-11	.2668E-11	.2527E-11	.2419E-11	.2343E-11	.2297E-11	.2275E-11	.2271E-11	.2275E-11	.2296E-11	.2342E-11	.2418E-11	.2525E-11	.2666E-11	.2839E-11	.3042E-11
240.	.3062E-11	.2874E-11	.2713E-11	.2584E-11	.2485E-11	.2416E-11	.2375E-11	.2356E-11	.2352E-11	.2356E-11	.2374E-11	.2415E-11	.2484E-11	.2582E-11	.2711E-11	.2871E-11	.3059E-11
250.	.3087E-11	.2921E-11	.2782E-11	.2669E-11	.2584E-11	.2526E-11	.2492E-11	.2478E-11	.2475E-11	.2477E-11	.2492E-11	.2525E-11	.2583E-11	.2667E-11	.2780E-11	.2919E-11	.3084E-11
260.	.3120E-11	.2986E-11	.2874E-11	.2785E-11	.2720E-11	.2677E-11	.2654E-11	.2645E-11	.2645E-11	.2645E-11	.2653E-11	.2676E-11	.2719E-11	.2784E-11	.2872E-11	.2984E-11	.3118E-11
270.	.3162E-11	.3067E-11	.2991E-11	.2933E-11	.2893E-11	.2870E-11	.2861E-11	.2861E-11	.2863E-11	.2860E-11	.2860E-11	.2869E-11	.2892E-11	.2931E-11	.2989E-11	.3065E-11	.3160E-11
280.	.3211E-11	.3163E-11	.3129E-11	.3108E-11	.3100E-11	.3101E-11	.3110E-11	.3120E-11	.3125E-11	.3119E-11	.3109E-11	.3100E-11	.3090E-11	.3106E-11	.3127E-11	.3161E-11	.3209E-11
290	.3266E-11	.3269E-11	.3283E-11	.3305E-11	.3333E-11	.3364E-11	.3392E-11	.3414E-11	.3424E-11	.3414E-11	.3391E-11	.3362E-11	.3331E-11	.3303E-11	.3281E-11	.3267E-11	.3263E-11
300.	.3322E-11	.3380E-11	.3446E-11	.3514E-11	.3582E-11	.3644E-11	.3695E-11	.3730E-11	.3744E-11	.3730E-11	.3694E-11	.3642E-11	.3580E-11	.3512E-11	.3443E-11	.3378E-11	.3319E-11
310.	.3377E-11	.3490E-11	.3607E-11	.3723E-11	.3831E-11	.3925E-11	.4000E-11	.4049E-11	.4067E-11	.4049E-11	.3999E-11	.3924E-11	.3829E-11	.3721E-11	.3605E-11	.3488E-11	.3375E-11
320	.3429E-11	.3592E-11	.3758E-11	.3918E-11	.4065E-11	.4190E-11	.4287E-11	.4349E-11	.4371E-11	.4349E-11	.4286E-11	.4189E-11	.4065E-11	.3916E-11	.3755E-11	.3590E-11	.3426E-11
330.	.3472E-11	.3690E-11	.3888E-11	.4087E-11	.4267E-11	.4420E-11	.4536E-11	.4610E-11	.4635E-11	.4609E-11	.4535E-11	.4410E-11	.4265E-11	.4084E-11	.3885E-11	.3677E-11	.3469E-11
340.	.3506E-11	.3747E-11	.3988E-11	.4218E-11	.4425E-11	.4599E-11	.4731E-11	.4813E-11	.4841E-11	.4812E-11	.4729E-11	.4597E-11	.4422E-11	.4215E-11	.3985E-11	.3744E-11	.3503E-11
350	.3527E-11	.3791E-11	.4053E-11	.4303E-11	.4527E-11	.4715E-11	.4857E-11	.4945E-11	.4975E-11	.4945E-11	.4856E-11	.4713E-11	.4525E-11	.4300E-11	.4050E-11	.3788E-11	.3524E-11

90.	-90.
.3270E-11	.3273E-11

Number of Data Values: 612

Mean Value: .3262E-11

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667 TIME: 14002 ALTITUDE(KM): 555.9
F10: 230.00 F10B: 230.00 GI: 3 00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30	-20	-10	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60	70	80
0.	.1873E-11	.2039E-11	.2190E-11	.2349E-11	.2492E-11	.2613E-11	.2705E-11	.2762E-11	.2781E-11	.2761E-11	.2704E-11	.2612E-11	.2491E-11	.2347E-11	.2189E-11	.2037E-11	.1872E-11
10.	.1871E-11	.2034E-11	.2183E-11	.2339E-11	.2481E-11	.2600E-11	.2691E-11	.2747E-11	.2766E-11	.2747E-11	.2690E-11	.2599E-11	.2479E-11	.2338E-11	.2182E-11	.2033E-11	.1869E-11
20.	.1862E-11	.2015E-11	.2154E-11	.2301E-11	.2435E-11	.2547E-11	.2633E-11	.2687E-11	.2705E-11	.2686E-11	.2632E-11	.2546E-11	.2433E-11	.2309E-11	.2153E-11	.2013E-11	.1860E-11
30.	.1846E-11	.1983E-11	.2107E-11	.2239E-11	.2359E-11	.2461E-11	.2539E-11	.2588E-11	.2604E-11	.2587E-11	.2538E-11	.2460E-11	.2358E-11	.2237E-11	.2105E-11	.1981E-11	.1844E-11
40.	.1825E-11	.1941E-11	.2059E-11	.2157E-11	.2260E-11	.2348E-11	.2416E-11	.2459E-11	.2473E-11	.2458E-11	.2415E-11	.2347E-11	.2259E-11	.2155E-11	.2057E-11	.1949E-11	.1824E-11
50.	.1801E-11	.1892E-11	.1985E-11	.2076E-11	.2145E-11	.2217E-11	.2273E-11	.2309E-11	.2322E-11	.2309E-11	.2272E-11	.2216E-11	.2144E-11	.2074E-11	.1983E-11	.1890E-11	.1799E-11
60.	.1774E-11	.1838E-11	.1905E-11	.1972E-11	.2035E-11	.2090E-11	.2120E-11	.2149E-11	.2159E-11	.2148E-11	.2119E-11	.2089E-11	.2034E-11	.1971E-11	.1904E-11	.1837E-11	.1772E-11
70.	.1746E-11	.1783E-11	.1823E-11	.1866E-11	.1907E-11	.1946E-11	.1979E-11	.2000E-11	.2008E-11	.1999E-11	.1977E-11	.1945E-11	.1906E-11	.1864E-11	.1822E-11	.1781E-11	.1744E-11
80.	.1718E-11	.1727E-11	.1742E-11	.1761E-11	.1783E-11	.1805E-11	.1825E-11	.1840E-11	.1847E-11	.1840E-11	.1825E-11	.1805E-11	.1782E-11	.1760E-11	.1741E-11	.1726E-11	.1716E-11
90.	.1680E-11	.1663E-11	.1654E-11	.1651E-11	.1655E-11	.1662E-11	.1672E-11	.1680E-11	.1696E-11	.1680E-11	.1671E-11	.1662E-11	.1654E-11	.1650E-11	.1652E-11	.1662E-11	.1678E-11
100.	.1655E-11	.1614E-11	.1583E-11	.1562E-11	.1549E-11	.1543E-11	.1544E-11	.1547E-11	.1549E-11	.1547E-11	.1543E-11	.1543E-11	.1548E-11	.1561E-11	.1582E-11	.1613E-11	.1653E-11
110.	.1632E-11	.1571E-11	.1520E-11	.1482E-11	.1455E-11	.1439E-11	.1432E-11	.1430E-11	.1431E-11	.1430E-11	.1431E-11	.1438E-11	.1455E-11	.1481E-11	.1519E-11	.1569E-11	.1631E-11
120.	.1612E-11	.1533E-11	.1466E-11	.1414E-11	.1376E-11	.1350E-11	.1337E-11	.1332E-11	.1331E-11	.1331E-11	.1336E-11	.1350E-11	.1375E-11	.1413E-11	.1465E-11	.1531E-11	.1611E-11
130.	.1596E-11	.1501E-11	.1421E-11	.1358E-11	.1310E-11	.1278E-11	.1259E-11	.1251E-11	.1250E-11	.1251E-11	.1259E-11	.1277E-11	.1309E-11	.1357E-11	.1420E-11	.1500E-11	.1594E-11
140.	.1582E-11	.1476E-11	.1386E-11	.1313E-11	.1259E-11	.1221E-11	.1199E-11	.1188E-11	.1187E-11	.1188E-11	.1198E-11	.1221E-11	.1258E-11	.1313E-11	.1385E-11	.1474E-11	.1581E-11
150.	.1573E-11	.1457E-11	.1359E-11	.1281E-11	.1221E-11	.1179E-11	.1154E-11	.1143E-11	.1140E-11	.1142E-11	.1154E-11	.1179E-11	.1220E-11	.1280E-11	.1358E-11	.1456E-11	.1571E-11
160.	.1566E-11	.1444E-11	.1341E-11	.1258E-11	.1195E-11	.1151E-11	.1124E-11	.1112E-11	.1109E-11	.1112E-11	.1124E-11	.1151E-11	.1195E-11	.1258E-11	.1340E-11	.1443E-11	.1564E-11
170.	.1562E-11	.1437E-11	.1331E-11	.1245E-11	.1180E-11	.1135E-11	.1107E-11	.1093E-11	.1091E-11	.1093E-11	.1107E-11	.1134E-11	.1180E-11	.1245E-11	.1330E-11	.1435E-11	.1560E-11
180.	.1560E-11	.1433E-11	.1326E-11	.1239E-11	.1174E-11	.1127E-11	.1099E-11	.1085E-11	.1082E-11	.1085E-11	.1099E-11	.1127E-11	.1173E-11	.1239E-11	.1325E-11	.1432E-11	.1558E-11
190.	.1559E-11	.1432E-11	.1325E-11	.1238E-11	.1172E-11	.1125E-11	.1097E-11	.1083E-11	.1080E-11	.1083E-11	.1097E-11	.1125E-11	.1171E-11	.1237E-11	.1324E-11	.1431E-11	.1558E-11
200.	.1560E-11	.1432E-11	.1325E-11	.1238E-11	.1172E-11	.1126E-11	.1097E-11	.1083E-11	.1080E-11	.1083E-11	.1097E-11	.1125E-11	.1171E-11	.1237E-11	.1324E-11	.1431E-11	.1558E-11
210.	.1560E-11	.1434E-11	.1327E-11	.1241E-11	.1175E-11	.1129E-11	.1100E-11	.1087E-11	.1084E-11	.1087E-11	.1100E-11	.1126E-11	.1174E-11	.1240E-11	.1326E-11	.1433E-11	.1559E-11
220.	.1563E-11	.1439E-11	.1334E-11	.1250E-11	.1185E-11	.1140E-11	.1112E-11	.1099E-11	.1096E-11	.1099E-11	.1112E-11	.1140E-11	.1185E-11	.1249E-11	.1333E-11	.1438E-11	.1562E-11
230.	.1569E-11	.1450E-11	.1350E-11	.1269E-11	.1207E-11	.1164E-11	.1138E-11	.1126E-11	.1123E-11	.1126E-11	.1138E-11	.1164E-11	.1206E-11	.1269E-11	.1349E-11	.1449E-11	.1567E-11
240.	.1579E-11	.1469E-11	.1376E-11	.1301E-11	.1245E-11	.1205E-11	.1182E-11	.1171E-11	.1169E-11	.1171E-11	.1182E-11	.1205E-11	.1244E-11	.1300E-11	.1375E-11	.1468E-11	.1577E-11
250.	.1593E-11	.1497E-11	.1415E-11	.1350E-11	.1301E-11	.1268E-11	.1249E-11	.1241E-11	.1239E-11	.1240E-11	.1249E-11	.1268E-11	.1301E-11	.1349E-11	.1414E-11	.1495E-11	.1592E-11
260.	.1613E-11	.1535E-11	.1469E-11	.1417E-11	.1380E-11	.1355E-11	.1341E-11	.1337E-11	.1337E-11	.1337E-11	.1341E-11	.1354E-11	.1379E-11	.1417E-11	.1469E-11	.1533E-11	.1612E-11
270.	.1638E-11	.1582E-11	.1537E-11	.1503E-11	.1480E-11	.1467E-11	.1461E-11	.1461E-11	.1463E-11	.1461E-11	.1461E-11	.1466E-11	.1479E-11	.1502E-11	.1536E-11	.1581E-11	.1637E-11
280.	.1667E-11	.1639E-11	.1618E-11	.1606E-11	.1601E-11	.1602E-11	.1607E-11	.1613E-11	.1616E-11	.1613E-11	.1607E-11	.1602E-11	.1600E-11	.1605E-11	.1617E-11	.1637E-11	.1666E-11
290.	.1711E-11	.1713E-11	.1721E-11	.1734E-11	.1751E-11	.1769E-11	.1787E-11	.1800E-11	.1806E-11	.1800E-11	.1786E-11	.1769E-11	.1750E-11	.1733E-11	.1720E-11	.1711E-11	.1709E-11
300.	.1745E-11	.1788E-11	.1819E-11	.1860E-11	.1901E-11	.1938E-11	.1970E-11	.1991E-11	.1999E-11	.1991E-11	.1969E-11	.1938E-11	.1900E-11	.1859E-11	.1817E-11	.1778E-11	.1743E-11
310.	.1778E-11	.1846E-11	.1916E-11	.1987E-11	.2052E-11	.2096E-11	.2141E-11	.2171E-11	.2182E-11	.2171E-11	.2141E-11	.2095E-11	.2051E-11	.1985E-11	.1915E-11	.1844E-11	.1776E-11
320.	.1808E-11	.1907E-11	.2008E-11	.2091E-11	.2181E-11	.2258E-11	.2317E-11	.2356E-11	.2369E-11	.2355E-11	.2317E-11	.2257E-11	.2180E-11	.2090E-11	.2006E-11	.1906E-11	.1807E-11
330.	.1835E-11	.1960E-11	.2087E-11	.2194E-11	.2305E-11	.2399E-11	.2472E-11	.2517E-11	.2533E-11	.2517E-11	.2471E-11	.2398E-11	.2304E-11	.2193E-11	.2086E-11	.1959E-11	.1833E-11
340.	.1855E-11	.2001E-11	.2134E-11	.2275E-11	.2402E-11	.2510E-11	.2593E-11	.2644E-11	.2662E-11	.2644E-11	.2592E-11	.2509E-11	.2401E-11	.2273E-11	.2132E-11	.2000E-11	.1853E-11
350.	.1868E-11	.2028E-11	.2174E-11	.2327E-11	.2466E-11	.2583E-11	.2672E-11	.2727E-11	.2746E-11	.2727E-11	.2671E-11	.2582E-11	.2464E-11	.2325E-11	.2172E-11	.2026E-11	.1866E-11

90. -90.

.1714E-11 .1715E-11

Number of Data Values: 612

Mean Value: .1707E-11

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 600.0
F10: 230.00 F10B: 230.00 GI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40	50.	60	70	80
0.	.1145E-11	.1257E-11	.1370E-11	.1479E-11	.1578E-11	.1662E-11	.1726E-11	.1766E-11	.1780E-11	.1766E-11	.1725E-11	.1661E-11	.1577E-11	.1477E-11	1369E-11	.1256E-11	1144E-11
10.	.1144E-11	.1254E-11	.1365E-11	.1472E-11	.1570E-11	.1653E-11	.1716E-11	.1756E-11	.1769E-11	.1755E-11	.1716E-11	.1652E-11	.1569E-11	.1471E-11	1364E-11	1253E-11	1143E-11
20.	.1138E-11	.1241E-11	.1345E-11	.1446E-11	.1538E-11	.1616E-11	.1676E-11	.1714E-11	.1726E-11	.1713E-11	.1676E-11	.1616E-11	.1537E-11	.1445E-11	1344E-11	.1240E-11	.1136E-11
30.	.1127E-11	.1219E-11	.1313E-11	.1403E-11	.1486E-11	.1556E-11	.1610E-11	.1644E-11	.1656E-11	.1644E-11	.1610E-11	.1556E-11	.1485E-11	1402E-11	1311E-11	1218E-11	.1126E-11
40.	.1113E-11	.1191E-11	.1270E-11	.1347E-11	.1418E-11	.1478E-11	.1525E-11	.1555E-11	.1565E-11	.1554E-11	.1524E-11	.1477E-11	.1417E-11	1346E-11	.1269E-11	1190E-11	1112E-11
50.	.1097E-11	.1158E-11	.1220E-11	.1282E-11	.1339E-11	.1388E-11	.1426E-11	.1451E-11	.1460E-11	.1451E-11	.1426E-11	1387E-11	.1338E-11	1281E-11	1219E-11	1157E-11	1096E-11
60.	.1079E-11	.1122E-11	.1167E-11	.1212E-11	.1254E-11	.1292E-11	.1321E-11	.1341E-11	.1348E-11	.1341E-11	.1321E-11	.1291E-11	.1253E-11	.1211E-11	1166E-11	.1121E-11	.1078E-11
70.	.1060E-11	.1085E-11	.1112E-11	.1140E-11	.1168E-11	.1194E-11	.1216E-11	.1230E-11	.1236E-11	.1230E-11	.1215E-11	.1194E-11	.1169E-11	.1139E-11	1111E-11	.1084E-11	.1059E-11
80.	.1042E-11	.1048E-11	.1058E-11	.1071E-11	.1085E-11	.1100E-11	.1113E-11	.1123E-11	.1128E-11	.1123E-11	.1113E-11	.1099E-11	.1084E-11	.1070E-11	1057E-11	.1047E-11	1041E-11
90.	.1024E-11	.1013E-11	.1007E-11	.1005E-11	.1007E-11	.1012E-11	.1019E-11	.1024E-11	.1027E-11	.1024E-11	.1018E-11	.1012E-11	.1007E-11	.1004E-11	1006E-11	.1012E-11	1023E-11
100.	.1007E-11	.9884E-12	.9597E-12	.9453E-12	.9368E-12	.9333E-12	.9335E-12	.9357E-12	.9373E-12	.9356E-12	.9332E-12	.9329E-12	.9363E-12	9447E-12	9589E-12	.9794E-12	1006E-11
110.	.9922E-12	.9513E-12	.9101E-12	.8927E-12	.8751E-12	.8643E-12	.8595E-12	.8586E-12	.8593E-12	.8585E-12	.8592E-12	.8640E-12	8746E-12	8921E-12	.9173E-12	9504E-12	.9912E-12
120.	.9790E-12	.9261E-12	.8823E-12	.8479E-12	8227E-12	.8062E-12	.7972E-12	.7939E-12	.7938E-12	.7938E-12	.7970E-12	.8059E-12	.8223E-12	8473E-12	.8815E-12	9253E-12	.9780E-12
130.	.9688E-12	.9052E-12	.8527E-12	.8110E-12	.7799E-12	.7599E-12	.7467E-12	.7415E-12	7408E-12	.7415E-12	.7465E-12	.7586E-12	.7795E-12	8104E-12	.8520E-12	9043E-12	9670E-12
140.	.9592E-12	.8866E-12	.8294E-12	.7821E-12	.7465E-12	.7221E-12	7075E-12	.7010E-12	.6998E-12	.7009E-12	.7073E-12	.7218E-12	.7461E-12	7815E-12	.8287E-12	.8877E-12	9582E-12
150.	.9526E-12	.8762E-12	.8121E-12	.7607E-12	.7220E-12	.6951E-12	.6788E-12	6717E-12	.6698E-12	.6713E-12	.6787E-12	.6949E-12	.7215E-12	.7602E-12	8114E-12	.8754E-12	.9517E-12
160.	.9481E-12	.8670E-12	.8003E-12	.7463E-12	.7055E-12	.6770E-12	.6596E-12	.6515E-12	.6498E-12	.6514E-12	.6595E-12	.6768E-12	.7051E-12	.7458E-12	7997E-12	8670E-12	9472E-12
170.	.9454E-12	.8620E-12	.7934E-12	.7378E-12	.6957E-12	.6664E-12	.6484E-12	.6399E-12	.6380E-12	.6398E-12	.6482E-12	.6661E-12	.6954E-12	7373E-12	.7928E-12	.8620E-12	.9445E-12
180.	.9442E-12	.8605E-12	.7903E-12	.7340E-12	.6913E-12	.6616E-12	.6433E-12	.6346E-12	.6327E-12	6346E-12	.6431E-12	.6613E-12	.6910E-12	.7335E-12	.7896E-12	.8597E-12	9433E-12
190.	.9439E-12	.8600E-12	.7895E-12	.7330E-12	.6903E-12	.6604E-12	.6420E-12	.6333E-12	.6314E-12	.6333E-12	.6419E-12	.6601E-12	.6899E-12	.7325E-12	.7889E-12	.8592E-12	9430E-12
200.	.9440E-12	.8600E-12	.7896E-12	.7331E-12	.6903E-12	.6605E-12	.6421E-12	.6334E-12	.6315E-12	.6334E-12	.6420E-12	.6602E-12	.6900E-12	.7326E-12	.7889E-12	8592E-12	.9430E-12
210.	.9445E-12	.8610E-12	.7909E-12	.7340E-12	.6922E-12	.6625E-12	.6443E-12	.6357E-12	.6338E-12	6356E-12	.6442E-12	.6623E-12	6919E-12	7343E-12	.7903E-12	8602E-12	9435E-12
220.	.9463E-12	.8644E-12	.7956E-12	.7405E-12	.6988E-12	.6697E-12	.6519E-12	.6435E-12	.6417E-12	.6435E-12	.6518E-12	.6695E-12	.6985E-12	.7400E-12	.7950E-12	.8636E-12	.9454E-12
230.	.9501E-12	.8716E-12	.8057E-12	.7528E-12	.7130E-12	.6852E-12	.6683E-12	.6605E-12	.6589E-12	.6604E-12	.6682E-12	.6850E-12	.7126E-12	7523E-12	8050E-12	.8708E-12	9492E-12
240.	.9567E-12	.8839E-12	.8229E-12	.7741E-12	.7373E-12	.7120E-12	.6967E-12	.6898E-12	.6885E-12	.6898E-12	.6966E-12	.7117E-12	7369E-12	7735E-12	8222E-12	8831E-12	9558E-12
250.	.9665E-12	.9024E-12	.8488E-12	.8061E-12	.7743E-12	.7526E-12	.7400E-12	.7346E-12	.7338E-12	.7346E-12	.7398E-12	.7523E-12	.7739E-12	.8055E-12	.8481E-12	.9015E-12	.9655E-12
260.	.9797E-12	.9274E-12	.8841E-12	.8502E-12	.8254E-12	.8092E-12	.8004E-12	.7973E-12	.7972E-12	.7972E-12	.8002E-12	.8089E-12	.8250E-12	.8496E-12	.8834E-12	.9266E-12	.9787E-12
270.	.9962E-12	.9591E-12	.9292E-12	.9067E-12	.8914E-12	.8826E-12	.8790E-12	.8790E-12	.8799E-12	.8789E-12	.8788E-12	.8823E-12	.8909E-12	.9061E-12	.9284E-12	.9582E-12	.9952E-12
280.	.1016E-11	.9965E-12	.9831E-12	.9758E-12	.9717E-12	.9724E-12	.9756E-12	.9795E-12	.9817E-12	.9794E-12	.9753E-12	.9720E-12	.9711E-12	9743E-12	.9822E-12	.9956E-12	.1015E-11
290.	.1037E-11	.1038E-11	.1044E-11	.1053E-11	.1064E-11	.1076E-11	.1088E-11	.1096E-11	.1100E-11	.1096E-11	.1087E-11	.1076E-11	.1063E-11	1052E-11	1043E-11	1037E-11	.1036E-11
300.	.1059E-11	.1083E-11	.1109E-11	.1137E-11	.1164E-11	.1189E-11	.1210E-11	.1225E-11	.1230E-11	.1224E-11	.1210E-11	.1189E-11	.1163E-11	.1136E-11	1108E-11	.1082E-11	1058E-11
310.	.1082E-11	.1127E-11	.1174E-11	.1222E-11	.1266E-11	.1305E-11	.1336E-11	.1357E-11	.1364E-11	.1356E-11	.1336E-11	.1304E-11	.1265E-11	1221E-11	1173E-11	.1126E-11	.1081E-11
320.	.1102E-11	.1168E-11	.1236E-11	.1302E-11	.1363E-11	.1416E-11	.1457E-11	.1484E-11	.1493E-11	.1483E-11	.1457E-11	.1415E-11	.1362E-11	.1301E-11	1235E-11	.1167E-11	.1101E-11
330.	.1120E-11	.1204E-11	.1289E-11	.1372E-11	.1449E-11	.1514E-11	.1564E-11	.1595E-11	.1606E-11	.1595E-11	.1563E-11	.1513E-11	.1448E-11	.1371E-11	1288E-11	.1203E-11	.1118E-11
340.	.1133E-11	.1232E-11	.1331E-11	.1420E-11	.1516E-11	.1591E-11	.1648E-11	.1684E-11	.1696E-11	.1684E-11	.1647E-11	.1590E-11	.1515E-11	.1427E-11	1330E-11	.1230E-11	.1132E-11
350.	.1142E-11	.1249E-11	.1350E-11	.1444E-11	.1560E-11	.1641E-11	.1703E-11	.1742E-11	.1755E-11	.1742E-11	.1703E-11	.1640E-11	.1559E-11	.1463E-11	.1357E-11	.1248E-11	.1141E-11

90 -90.

.1038E-11 .1040E-11

Number of Data Values: 612

Mean Value: .1044E-11

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 700.0
F10: 230.00 F10B: 230.00 CI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50	60.	70.	80.
0.	.4032E-12	.4504E-12	.4990E-12	.5467E-12	5909E-12	.6207E-12	.6578E-12	.6761E-12	6823E-12	.6759E-12	.6575E-12	.6284E-12	.5905E-12	.5463E-12	.4985E-12	4499E-12	4027E-12
10.	.4025E-12	.4490E-12	.4969E-12	.5439E-12	.5874E-12	.6247E-12	.6533E-12	.6714E-12	.6775E-12	.6712E-12	.6531E-12	.6243E-12	5870E-12	5434E-12	.4964E-12	4485E-12	.4021E-12
20.	.3999E-12	.4434E-12	.4883E-12	.5324E-12	.5732E-12	.6082E-12	.6351E-12	.6521E-12	.6579E-12	.6520E-12	.6349E-12	.6078E-12	5727E-12	5319E-12	4879E-12	.4430E-12	3994E-12
30.	.3955E-12	.4343E-12	.4743E-12	.5135E-12	.5499E-12	.5812E-12	.6054E-12	.6208E-12	.6260E-12	6207E-12	.6052E-12	.5809E-12	5495E-12	5171E-12	.4738E-12	.4338E-12	3950E-12
40.	.3897E-12	.4223E-12	.4560E-12	.4891E-12	.5199E-12	5465E-12	.5673E-12	.5805E-12	.5851E-12	.5804E-12	.5671E-12	.5462E-12	.5195E-12	.4887E-12	.4555E-12	.4215E-12	3855E-12
50	.3829E-12	.4084E-12	.4348E-12	.4610E-12	.4855E-12	5070E-12	.5238E-12	.5347E-12	.5386E-12	.5346E-12	.5236E-12	.5067E-12	4852E-12	.4606E-12	.4344E-12	.4080E-12	3825E-12
60.	.3755E-12	.3933E-12	.4121E-12	.4311E-12	.4492E-12	.4652E-12	.4781E-12	.4867E-12	.4898E-12	.4866E-12	.4779E-12	.4650E-12	.4489E-12	.4307E-12	.4117E-12	.3929E-12	.3751E-12
70.	.3678E-12	.3778E-12	.3891E-12	.4010E-12	.4128E-12	.4237E-12	.4328E-12	.4390E-12	.4414E-12	.4390E-12	.4326E-12	.4235E-12	4125E-12	.4006E-12	3887E-12	.3774E-12	.3674E-12
80.	.3601E-12	.3626E-12	.3667E-12	.3720E-12	.3780E-12	.3842E-12	.3898E-12	3940E-12	.3957E-12	.3939E-12	.3897E-12	.3840E-12	.3777E-12	.3717E-12	.3663E-12	3622E-12	.3597E-12
90.	.3528E-12	.3482E-12	.3457E-12	.3450E-12	.3459E-12	.3480E-12	.3506E-12	.3530E-12	.3541E-12	.3529E-12	.3505E-12	.3478E-12	3457E-12	3447E-12	3454E-12	.3478E-12	3524E-12
100.	.3459E-12	.3358E-12	.3266E-12	.3208E-12	.3173E-12	.3159E-12	.3160E-12	.3169E-12	3175E-12	3169E-12	3159E-12	.3150E-12	.3171E-12	.3205E-12	3263E-12	.3346E-12	3455E-12
110.	.3398E-12	.3232E-12	.3098E-12	.2997E-12	2927E-12	.2884E-12	.2865E-12	.2862E-12	.2864E-12	.2861E-12	.2864E-12	.2903E-12	.2925E-12	.2995E-12	.3095E-12	.3229E-12	.3394E-12
120.	.3344E-12	.3131E-12	.2955E-12	.2819E-12	.2720E-12	.2655E-12	.2620E-12	.2608E-12	.2607E-12	.2607E-12	.2620E-12	.2654E-12	.2718E-12	.2817E-12	.2953E-12	3127E-12	.3340E-12
130.	.3299E-12	.3047E-12	.2838E-12	.2674E-12	.2553E-12	.2472E-12	.2425E-12	.2405E-12	2402E-12	.2405E-12	.2424E-12	.2471E-12	.2552E-12	.2672E-12	2835E-12	3043E-12	.3296E-12
140.	.3264E-12	.2980E-12	.2746E-12	.2562E-12	.2424E-12	.2331E-12	.2275E-12	.2251E-12	.2246E-12	.2250E-12	.2275E-12	.2330E-12	.2423E-12	.2560E-12	.2744E-12	.2977E-12	.3260E-12
150.	.3237E-12	.2931E-12	.2670E-12	.2479E-12	.2330E-12	.2228E-12	.2167E-12	.2139E-12	.2133E-12	.2139E-12	.2166E-12	.2228E-12	.2329E-12	2477E-12	.2676E-12	.2928E-12	.3234E-12
160.	.3219E-12	.2898E-12	.2633E-12	.2424E-12	.2268E-12	.2160E-12	.2095E-12	.2064E-12	.2058E-12	.2064E-12	.2094E-12	.2159E-12	.2266E-12	.2422E-12	.2630E-12	.2895E-12	.3216E-12
170.	.3208E-12	.2878E-12	.2606E-12	.2391E-12	.2231E-12	.2120E-12	.2053E-12	.2021E-12	.2014E-12	.2021E-12	.2052E-12	.2119E-12	.2230E-12	.2389E-12	.2603E-12	.2875E-12	.3205E-12
180.	.3203E-12	.2869E-12	.2593E-12	.2376E-12	.2214E-12	.2102E-12	.2034E-12	.2001E-12	.1994E-12	.2001E-12	.2033E-12	.2101E-12	.2213E-12	.2374E-12	.2591E-12	2866E-12	.3200E-12
190.	.3202E-12	.2867E-12	.2590E-12	.2373E-12	.2210E-12	2097E-12	.2029E-12	.1997E-12	.1990E-12	.1996E-12	.2029E-12	.2097E-12	.2209E-12	.2371E-12	.2588E-12	2864E-12	3199E-12
200.	.3202E-12	.2867E-12	.2591E-12	.2373E-12	.2210E-12	.2098E-12	.2029E-12	.1997E-12	.1990E-12	.1997E-12	2029E-12	.2097E-12	2209E-12	.2371E-12	.2588E-12	.2864E-12	.3199E-12
210.	.3204E-12	.2871E-12	.2596E-12	.2379E-12	.2217E-12	.2106E-12	.2038E-12	.2005E-12	.1998E-12	.2005E-12	.2037E-12	.2105E-12	.2216E-12	.2378E-12	.2594E-12	.2868E-12	.3201E-12
220.	.3212E-12	.2884E-12	.2614E-12	.2401E-12	.2242E-12	.2133E-12	.2066E-12	.2035E-12	.2028E-12	.2035E-12	.2066E-12	.2132E-12	.2241E-12	.2400E-12	2612E-12	.2881E-12	.3200E-12
230.	.3227E-12	.2913E-12	.2653E-12	.2449E-12	.2296E-12	.2191E-12	.2127E-12	.2098E-12	.2092[illegible].2	.2098E-12	.2127E-12	.2190E-12	.2295E-12	.2447E-12	.2651E-12	.2910E-12	.3224E-12
240.	.3254E-12	.2962E-12	.2721E-12	.2531E-12	.2389E-12	.2292E-12	.2234E-12	.2208E-12	.2203. -12	.2208E-12	.2234E-12	.2291E-12	2388E-12	.2529E-12	.2718E-12	.2959E-12	.3210E-12
250.	.3293E-12	.3035E-12	.2823E-12	.2655E-12	.2531E-12	.2440E-12	.2399E-12	.2379E-12	.2376E-12	.2379E-12	.2399E-12	.2447E-12	.2530E-12	.2653E-12	.2820E-12	.3032E-12	.3290E-12
260.	.3347E-12	.3136E-12	.2963E-12	.2828E-12	.2731E-12	.2667E-12	.2633E-12	.2621E-12	.2620E-12	.2620E-12	.2632E-12	.2666E-12	.2729E-12	.2826E-12	.2960E-12	.3133E-12	.3343E-12
270.	.3414E-12	.3263E-12	.3143E-12	.3053E-12	.2992E-12	.2957E-12	.2942E-12	.2942E-12	.2946E-12	.2942E-12	.2942E-12	.2955E-12	.2990E-12	.3050E-12	.3140E-12	.3260E-12	.3410E-12
280.	.3493E-12	.3416E-12	.3361E-12	.3320E-12	.3315E-12	.3317E-12	.3330E-12	.3346E-12	.3355E-12	.3346E-12	.3329E-12	.3316E-12	.3312E-12	.3325E-12	.3357E-12	.3412E-12	.3489E-12
290.	.3581E-12	.3587E-12	.3610E-12	.3646E-12	.3692E-12	.3742E-12	.3790E-12	.3827E-12	.3842E-12	.3826E-12	.3789E-12	.3741E-12	.3690E-12	.3647E-12	.3606E-12	.3563E-12	3577E-12
300.	.3674E-12	.3770E-12	.3879E-12	.3994E-12	.4109E-12	.4216E-12	.4304E-12	.4366E-12	.4389E-12	.4365E-12	.4303E-12	.4213E-12	.4106E-12	.3991E-12	.3875E-12	.3766E-12	.3670E-12
310.	.3765E-12	.3954E-12	.4153E-12	.4353E-12	.4542E-12	.4710E-12	.4845E-12	.4933E-12	.4966E-12	.4933E-12	.4843E-12	.4708E-12	4539E-12	.4349E-12	.4149E-12	.3950E-12	.3761E-12
320.	.3850E-12	.4127E-12	.4414E-12	.4697E-12	.4962E-12	.5192E-12	.5373E-12	.5489E-12	.5530E-12	5488E-12	.5371E-12	.5190E-12	4959E-12	.4693E-12	.4410E-12	.4123E-12	.3846E-12
330.	.3923E-12	.4270E-12	.4643E-12	.5002E-12	.5335E-12	.5623E-12	.5846E-12	5988E-12	.6037E-12	.5987E-12	.5844E-12	.5620E-12	.5332E-12	4998E-12	.4639E-12	.4273E-12	.3919E-12
340.	.3980E-12	.4395E-12	.4823E-12	.5243E-12	.5632E-12	.5966E-12	6223E-12	.6366E-12	.6442E-12	.6385E-12	.6221E-12	.5963E-12	.5620E-12	.5238E-12	.4818E-12	.4391E-12	.3975E-12
350.	.4016E-12	.4472E-12	.4941E-12	.5402E-12	.5827E-12	.6193E-12	.6474E-12	.6651E-12	.6711E-12	.6649E-12	.6471E-12	.6189E-12	.5823E-12	.5397E-12	.4936E-12	.4467E-12	.4012E-12

90. -90.

.3589E-12 .3593E-12

Number of Data Values: 612

Mean Value: 3647E-12

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 705.0
F10: 230.00 F10B: 230.00 GI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40	50	60	70.	80.
0.	.3833E-12	.4206E-12	.4753E-12	.5211E-12	.5635E-12	5999E-12	.6279E-12	.6455E-12	.6514E-12	.6453E-12	.6276E-12	.5996E-12	5631E-12	5207E-12	4748E-12	.4281E-12	3829E-12
10.	.3827E-12	4273E-12	.4733E-12	.5184E-12	5602E-12	5960E-12	.6236E-12	.6409E-12	.6468E-12	6408E-12	.6233E-12	5957E-12	5598E-12	.5180E-12	.4728E-12	.4258E-12	3823E-12
20.	.3802E-12	.4220E-12	.4650E-12	.5073E-12	.5465E-12	5801E-12	.6061E-12	.6224E-12	.6280E-12	6223E-12	.6058E-12	5798E-12	5461E-12	5069E-12	.4646E-12	.4215E-12	.3798E-12
30.	.3760E-12	.4132E-12	.4516E-12	.4892E-12	.5242E-12	.5542E-12	.5775E-12	.5923E-12	.5973E-12	.5922E-12	.5773E-12	5540E-12	.5238E-12	.4888E-12	4511E-12	.4126E-12	3756E-12
40.	.3704E-12	.4017E-12	.4340E-12	.4658E-12	.4953E-12	.5209E-12	.5408E-12	.5536E-12	.5580E-12	5535E-12	.5406E-12	.5206E-12	.4950E-12	.4654E-12	.4336E-12	.4013E-12	3700E-12
50.	.3639E-12	.3884E-12	.4137E-12	.4388E-12	.4623E-12	.4829E-12	.4991E-12	.5096E-12	.5133E-12	.5095E-12	.4989E-12	.4827E-12	.4620E-12	4384E-12	4133E-12	3879E-12	3635E-12
60.	.3568E-12	.3739E-12	.3920E-12	.4101E-12	4275E-12	.4429E-12	.4552E-12	.4634E-12	.4664E-12	.4633E-12	.4551E-12	4426E-12	.4272E-12	.4098E-12	3916E-12	3735E-12	.3564E-12
70.	.3495E-12	.3591E-12	.3699E-12	.3813E-12	.3926E-12	4030E-12	.4117E-12	.4177E-12	.4200E-12	.4177E-12	.4116E-12	4028E-12	3923E-12	.3809E-12	3695E-12	3587E-12	.3491E-12
80.	.3421E-12	.3445E-12	.3484E-12	.3535E-12	.3592E-12	.3652E-12	.3705E-12	.3745E-12	.3762E-12	.3745E-12	.3704E-12	3650E-12	.3590E-12	3532E-12	3481E-12	3442E-12	.3417E-12
90.	.3351E-12	.3307E-12	.3283E-12	.3277E-12	.3285E-12	3305E-12	.3330E-12	3353E-12	.3364E-12	.3352E-12	.3329E-12	.3304E-12	3283E-12	3274E-12	3280E-12	3304E-12	3347E-12
100.	.3285E-12	.3181E-12	.3101E-12	.3045E-12	.3012E-12	.2999E-12	.2999E-12	3008E-12	.3014E-12	.3007E-12	.2999E-12	.2997E-12	.3010E-12	.3043E-12	.3098E-12	.3177E-12	.3282E-12
110.	.3227E-12	.3060E-12	.2940E-12	.2843E-12	.2776E-12	.2736E-12	.2717E-12	.2714E-12	.2716E-12	.2714E-12	.2716E-12	.2734E-12	.2774E-12	.2841E-12	2937E-12	.3065E-12	.3225E-12
120.	.3175E-12	.2971E-12	.2804E-12	.2673E-12	.2579E-12	.2517E-12	.2484E-12	.2472E-12	.2471E-12	.2471E-12	.2483E-12	.2516E-12	.2577E-12	.2671E-12	2801E-12	.2968E-12	.3172E-12
130.	.3133E-12	.2891E-12	.2692E-12	.2535E-12	.2420E-12	.2342E-12	.2297E-12	.2278E-12	.2276E-12	.2278E-12	.2297E-12	.2341E-12	2418E-12	.2533E-12	.2689E-12	2888E-12	.3129E-12
140.	.3099E-12	.2827E-12	.2604E-12	.2428E-12	.2297E-12	.2207E-12	.2154E-12	.2131E-12	.2127E-12	.2131E-12	.2154E-12	.2207E-12	.2295E-12	.2426E-12	2601E-12	2825E-12	3095E-12
150.	.3073E-12	.2780E-12	.2539E-12	.2349E-12	.2207E-12	.2110E-12	.2051E-12	.2024E-12	.2019E-12	.2024E-12	.2051E-12	.2109E-12	.2206E-12	.2347E-12	2537E-12	.2778E-12	.3070E-12
160.	.3056E-12	.2749E-12	.2495E-12	.2296E-12	.2147E-12	.2045E-12	1982E-12	.1953E-12	.1947E-12	.1953E-12	.1982E-12	.2044E-12	.2146E-12	.2294E-12	2493E-12	.2746E-12	.3052E-12
170.	.3045E-12	.2730E-12	.2470E-12	.2265E-12	.2112E-12	.2006E-12	.1942E-12	1912E-12	.1906E-12	1912E-12	.1942E-12	2006E-12	.2111E-12	2263E-12	.2468E-12	2727E-12	.3042E-12
180.	.3041E-12	.2721E-12	.2452E-12	.2251E-12	.2096E-12	.1989E-12	.1924E-12	.1893E-12	.1887E-12	.1893E-12	.1924E-12	.1989E-12	2095E-12	.2249E-12	2456E-12	.2718E-12	.3037E-12
190.	.3040E-12	.2719E-12	.2455E-12	.2247E-12	.2092E-12	1985E-12	.1920E-12	1889E-12	.1882E-12	.1869E-12	.1919E-12	1984E-12	.2091E-12	2246E-12	2453E-12	.2716E-12	3036E-12
200.	.3040E-12	.2719E-12	.2455E-12	.2248E-12	.2092E-12	.1985E-12	.1920E-12	.1889E-12	.1883E-12	.1889E-12	.1920E-12	1985E-12	2091E-12	.2246E-12	.2453E-12	.2716E-12	.3036E-12
210.	.3042E-12	.2723E-12	.2460E-12	.2254E-12	.2099E-12	.1993E-12	.1928E-12	1897E-12	.1891E-12	.1897E-12	.1928E-12	1992E-12	.2098E-12	.2252E-12	2458E-12	.2720E-12	.3038E-12
220.	.3049E-12	.2736E-12	.2478E-12	.2275E-12	2123E-12	.2019E-12	.1955E-12	1925E-12	.1919E-12	.1925E-12	.1955E-12	.2010E-12	.2122E-12	2273E-12	2476E-12	.2733E-12	.3045E-12
230.	.3064E-12	.2763E-12	.2515E-12	.2320E-12	.2174E-12	2074E-12	2014E-12	1985E-12	1980E-12	1985E-12	.2013E-12	2073E-12	2173E-12	2318E-12	2513E-12	.2760E-12	.3060E-12
240.	.3089E-12	.2810E-12	.2580E-12	.2390E-12	.2263E-12	.2171E-12	.2116E-12	.2091E-12	.2086E-12	.2091E-12	.2115E-12	.2170E-12	.2262E-12	2396E-12	2577E-12	.2807E-12	3086E-12
250.	.3127E-12	.2880E-12	.2677E-12	.2517E-12	.2399E-12	2319E-12	2273E-12	.2253E-12	.2250E-12	.2253E-12	.2272E-12	2318E-12	2397E-12	2515E-12	.2674E-12	.2877E-12	.3123E-12
260.	.3178E-12	.2976E-12	.2811E-12	.2682E-12	.2589E-12	.2528E-12	.2496E-12	2484E-12	.2484E-12	.2484E-12	.2495E-12	2527E-12	.2587E-12	.2680E-12	2808E-12	.2973E-12	.3175E-12
270.	.3242E-12	.3098E-12	.2983E-12	.2897E-12	.2838E-12	.2805E-12	.2791E-12	.2791E-12	.2795E-12	.2791E-12	.2791E-12	.2804E-12	.2837E-12	.2895E-12	2980E-12	3095E-12	.3239E-12
280.	.3318E-12	.3244E-12	.3191E-12	.3160E-12	.3147E-12	.3150E-12	3162E-12	.3178E-12	.3186E-12	.3177E-12	.3161E-12	.3148E-12	3145E-12	3157E-12	3188E-12	3240E-12	.3314E-12
290.	.3402E-12	.3408E-12	.3429E-12	.3464E-12	.3508E-12	.3556E-12	.3602E-12	3637E-12	.3652E-12	.3637E-12	.3601E-12	.3555E-12	.3506E-12	3461E-12	.3426E-12	.3404E-12	.3398E-12
300.	.3491E-12	.3583E-12	.3687E-12	.3798E-12	.3908E-12	.4010E-12	.4095E-12	.4154E-12	.4176E-12	.4153E-12	4094E-12	4008E-12	.3905E-12	.3795E-12	.3684E-12	3579E-12	.3487E-12
310.	.3578E-12	.3760E-12	.3950E-12	.4141E-12	.4323E-12	.4484E-12	.4613E-12	.4690E-12	.4729E-12	.4698E-12	.4612E-12	.4482E-12	.4320E-12	4138E-12	.3946E-12	.3755E-12	.3574E-12
320.	.3660E-12	.3925E-12	.4200E-12	.4472E-12	.4726E-12	.4947E-12	.5120E-12	.5232E-12	.5271E-12	.5231E-12	.5118E-12	.4944E-12	.4723E-12	.4468E-12	.4196E-12	.3921E-12	3656E-12
330.	.3738E-12	.4078E-12	.4420E-12	.4764E-12	.5084E-12	.5360E-12	.5575E-12	.5711E-12	.5758E-12	.5710E-12	.5573E-12	.5358E-12	.5081E-12	4760E-12	.4416E-12	.4065E-12	.3726E-12
340.	.3784E-12	.4182E-12	.4593E-12	.4996E-12	.5369E-12	.5690E-12	5938E-12	6095E-12	.6148E-12	.6093E-12	.5936E-12	.5687E-12	.5365E-12	.4991E-12	.4588E-12	.4178E-12	.3780E-12
350.	.3819E-12	.4256E-12	.4706E-12	.5148E-12	.5557E-12	.5908E-12	.6178E-12	.6349E-12	.6407E-12	.6348E-12	.6176E-12	.5905E-12	5553E-12	.5143E-12	.4701E-12	.4251E-12	.3815E-12

90.	-90.
.3410E-12	.3414E-12

Number of Data Values: 612

Mean Value: .3467E-12

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 750.0
F10: 230.00 F10B: 230.00 GI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40	-30.	-20	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40	50	60	70.	80
0.	.2455E-12	.2765E-12	.3087E-12	.3406E-12	.3703E-12	.3960E-12	.4158E-12	.4282E-12	.4325E-12	.4281E-12	.4156E-12	.3958E-12	.3701E-12	.3403E-12	.3084E-12	.2762E-12	.2452E-12
10.	.2458E-12	.2756E-12	.3073E-12	.3387E-12	.3680E-12	.3932E-12	.4127E-12	.4250E-12	.4292E-12	.4249E-12	.4125E-12	.3930E-12	.3677E-12	.3384E-12	.3070E-12	.2753E-12	.2448E-12
20.	.2433E-12	.2719E-12	.3016E-12	.3318E-12	.3584E-12	.3820E-12	.4003E-12	.4119E-12	.4158E-12	.4118E-12	.4002E-12	.3818E-12	.3581E-12	.3307E-12	.3013E-12	.2716E-12	.2430E-12
30.	.2404E-12	.2659E-12	.2923E-12	.3184E-12	.3428E-12	.3638E-12	.3802E-12	.3906E-12	.3942E-12	.3905E-12	.3800E-12	.3636E-12	.3425E-12	.3181E-12	.2920E-12	.2656E-12	.2402E-12
40.	.2367E-12	.2588E-12	.2802E-12	.3021E-12	.3227E-12	.3405E-12	.3544E-12	.3634E-12	.3665E-12	.3633E-12	.3543E-12	.3403E-12	.3224E-12	.3019E-12	.2799E-12	.2577E-12	.2364E-12
50.	.2322E-12	.2489E-12	.2662E-12	.2835E-12	.2990E-12	.3140E-12	.3253E-12	.3326E-12	.3352E-12	.3325E-12	.3252E-12	.3138E-12	.2995E-12	.2833E-12	.2660E-12	.2486E-12	.2320E-12
60.	.2274E-12	.2390E-12	.2513E-12	.2638E-12	.2757E-12	.2863E-12	.2948E-12	.3005E-12	.3026E-12	.3005E-12	.2947E-12	.2861E-12	.2755E-12	.2636E-12	.2511E-12	.2388E-12	.2272E-12
70.	.2224E-12	.2290E-12	.2363E-12	.2440E-12	.2518E-12	.2589E-12	.2649E-12	.2690E-12	.2706E-12	.2690E-12	.2648E-12	.2588E-12	.2516E-12	.2438E-12	.2360E-12	.2287E-12	.2222E-12
80.	.2175E-12	.2191E-12	.2217E-12	.2251E-12	.2290E-12	.2331E-12	.2367E-12	.2395E-12	.2406E-12	.2394E-12	.2367E-12	.2330E-12	.2289E-12	.2249E-12	.2215E-12	.2188E-12	.2172E-12
90.	.2127E-12	.2098E-12	.2081E-12	.2077E-12	.2083E-12	.2096E-12	.2113E-12	.2128E-12	.2136E-12	.2128E-12	.2112E-12	.2095E-12	.2081E-12	.2075E-12	.2079E-12	.2095E-12	.2125E-12
100.	.2003E-12	.2012E-12	.1959E-12	.1921E-12	.1899E-12	.1890E-12	.1891E-12	.1896E-12	.1900E-12	.1896E-12	.1890E-12	.1889E-12	.1898E-12	.1920E-12	.1957E-12	.2010E-12	.2080E-12
110.	.2043E-12	.1937E-12	.1851E-12	.1786E-12	.1742E-12	.1715E-12	.1702E-12	.1700E-12	.1702E-12	.1700E-12	.1702E-12	.1714E-12	.1741E-12	.1785E-12	.1849E-12	.1935E-12	.2041E-12
120.	.2089E-12	.1872E-12	.1768E-12	.1673E-12	.1611E-12	.1570E-12	.1548E-12	.1540E-12	.1539E-12	.1540E-12	.1547E-12	.1569E-12	.1610E-12	.1672E-12	.1758E-12	.1870E-12	.2006E-12
130.	.1980E-12	.1810E-12	.1685E-12	.1582E-12	.1506E-12	.1455E-12	.1425E-12	.1413E-12	.1411E-12	.1413E-12	.1425E-12	.1454E-12	.1505E-12	.1581E-12	.1684E-12	.1816E-12	.1978E-12
140.	.1957E-12	.1776E-12	.1627E-12	.1511E-12	.1425E-12	.1366E-12	.1332E-12	.1316E-12	.1314E-12	.1316E-12	.1331E-12	.1366E-12	.1424E-12	.1510E-12	.1626E-12	.1774E-12	.1955E-12
150.	.1940E-12	.1744E-12	.1584E-12	.1459E-12	.1366E-12	.1302E-12	.1264E-12	.1247E-12	.1243E-12	.1247E-12	.1264E-12	.1302E-12	.1365E-12	.1458E-12	.1583E-12	.1743E-12	.1938E-12
160.	.1928E-12	.1723E-12	.1555E-12	.1424E-12	.1327E-12	.1260E-12	.1220E-12	.1201E-12	.1197E-12	.1201E-12	.1219E-12	.1260E-12	.1326E-12	.1423E-12	.1554E-12	.1721E-12	.1926E-12
170.	.1921E-12	.1711E-12	.1539E-12	.1404E-12	.1304E-12	.1235E-12	.1194E-12	.1174E-12	.1170E-12	.1174E-12	.1194E-12	.1235E-12	.1303E-12	.1403E-12	.1537E-12	.1709E-12	.1919E-12
180.	.1918E-12	.1705E-12	.1531E-12	.1395E-12	.1294E-12	.1224E-12	.1182E-12	.1162E-12	.1158E-12	.1162E-12	.1182E-12	.1224E-12	.1293E-12	.1394E-12	.1529E-12	.1703E-12	.1916E-12
190.	.1918E-12	.1704E-12	.1529E-12	.1392E-12	.1291E-12	.1221E-12	.1179E-12	.1159E-12	.1155E-12	.1159E-12	.1179E-12	.1221E-12	.1290E-12	.1391E-12	.1528E-12	.1702E-12	.1915E-12
200.	.1918E-12	.1704E-12	.1529E-12	.1393E-12	.1291E-12	.1222E-12	.1179E-12	.1159E-12	.1155E-12	.1159E-12	.1179E-12	.1221E-12	.1291E-12	.1392E-12	.1528E-12	.1702E-12	.1915E-12
210.	.1919E-12	.1706E-12	.1532E-12	.1396E-12	.1296E-12	.1226E-12	.1184E-12	.1165E-12	.1160E-12	.1165E-12	.1184E-12	.1226E-12	.1295E-12	.1396E-12	.1531E-12	.1704E-12	.1917E-12
220.	.1924E-12	.1715E-12	.1544E-12	.1410E-12	.1311E-12	.1243E-12	.1202E-12	.1183E-12	.1179E-12	.1183E-12	.1202E-12	.1243E-12	.1311E-12	.1409E-12	.1543E-12	.1713E-12	.1922E-12
230.	.1934E-12	.1733E-12	.1569E-12	.1440E-12	.1345E-12	.1279E-12	.1240E-12	.1222E-12	.1218E-12	.1222E-12	.1240E-12	.1279E-12	.1344E-12	.1439E-12	.1567E-12	.1731E-12	.1931E-12
240.	.1951E-12	.1764E-12	.1611E-12	.1491E-12	.1403E-12	.1342E-12	.1306E-12	.1290E-12	.1287E-12	.1290E-12	.1306E-12	.1342E-12	.1402E-12	.1490E-12	.1610E-12	.1762E-12	.1949E-12
250.	.1976E-12	.1811E-12	.1676E-12	.1570E-12	.1492E-12	.1439E-12	.1409E-12	.1396E-12	.1394E-12	.1396E-12	.1409E-12	.1439E-12	.1491E-12	.1568E-12	.1674E-12	.1809E-12	.1974E-12
260.	.2011E-12	.1875E-12	.1765E-12	.1679E-12	.1617E-12	.1577E-12	.1556E-12	.1548E-12	.1548E-12	.1548E-12	.1555E-12	.1577E-12	.1616E-12	.1678E-12	.1763E-12	.1873E-12	.2008E-12
270	.2054E-12	.1957E-12	.1880E-12	.1822E-12	.1783E-12	.1761E-12	.1752E-12	.1752E-12	.1754E-12	.1751E-12	.1751E-12	.1760E-12	.1782E-12	.1821E-12	.1878E-12	.1955E-12	.2051E-12
280.	.2105E-12	.2055E-12	.2019E-12	.1998E-12	.1990E-12	.1991E-12	.2000E-12	.2010E-12	.2016E-12	.2010E-12	.1999E-12	.1990E-12	.1988E-12	.1997E-12	.2017E-12	.2052E-12	.2102E-12
290.	.2162E-12	.2166E-12	.2180E-12	.2204E-12	.2233E-12	.2266E-12	.2297E-12	.2321E-12	.2331E-12	.2321E-12	.2296E-12	.2265E-12	.2232E-12	.2202E-12	.2178E-12	.2163E-12	.2159E-12
300.	.2222E-12	.2284E-12	.2355E-12	.2430E-12	.2505E-12	.2575E-12	.2634E-12	.2674E-12	.2689E-12	.2674E-12	.2633E-12	.2574E-12	.2504E-12	.2428E-12	.2353E-12	.2282E-12	.2219E-12
310.	.2281E-12	.2404E-12	.2534E-12	.2665E-12	.2790E-12	.2901E-12	.2991E-12	.3050E-12	.3071E-12	.3049E-12	.2990E-12	.2900E-12	.2788E-12	.2663E-12	.2532E-12	.2402E-12	.2278E-12
320.	.2336E-12	.2517E-12	.2706E-12	.2893E-12	.3069E-12	.3222E-12	.3343E-12	.3421E-12	.3448E-12	.3420E-12	.3342E-12	.3220E-12	.3066E-12	.2890E-12	.2703E-12	.2515E-12	.2334E-12
330.	.2384E-12	.2616E-12	.2857E-12	.3095E-12	.3318E-12	.3511E-12	.3661E-12	.3757E-12	.3790E-12	.3756E-12	.3660E-12	.3509E-12	.3315E-12	.3093E-12	.2854E-12	.2613E-12	.2381E-12
340.	.2421E-12	.2693E-12	.2976E-12	.3256E-12	.3517E-12	.3742E-12	.3916E-12	.4027E-12	.4065E-12	.4026E-12	.3915E-12	.3740E-12	.3514E-12	.3253E-12	.2973E-12	.2690E-12	.2418E-12
350.	.2445E-12	.2744E-12	.3059E-12	.3362E-12	.3648E-12	.3896E-12	.4086E-12	.4207E-12	.4248E-12	.4206E-12	.4085E-12	.3893E-12	.3646E-12	.3359E-12	.3052E-12	.2741E-12	.2442E-12

90. -90.

.2367E-12 .2188E-12

Number of Data Values: 612

Mean Value: .2216E-12

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1978 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 800.0
F10: 230.00 F10B: 230.00 GI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40	50	60	70	80
0.	.1520E-12	.1725E-12	.1940E-12	.2154E-12	.2356E-12	.2530E-12	.2665E-12	.2751E-12	.2780E-12	.2750E-12	.2664E-12	.2529E-12	.2354E-12	.2153E-12	.1938E-12	.1723E-12	.1519E-12
10.	.1518E-12	.1719E-12	.1931E-12	.2142E-12	.2340E-12	.2511E-12	.2644E-12	2729E-12	.2758E-12	.2728E-12	.2643E-12	.2510E-12	2338E-12	2140E-12	1929E-12	1717E-12	1516E-12
20.	.1506E-12	.1695E-12	.1893E-12	.2090E-12	.2275E-12	.2435E-12	.2560E-12	2639E-12	.2666E-12	.2638E-12	.2559E-12	.2434E-12	2273E-12	2088E-12	1891E-12	1693E-12	1504E-12
30.	.1487E-12	.1655E-12	.1838E-12	.2005E-12	.2169E-12	2311E-12	.2422E-12	.2493E-12	.2518E-12	.2493E-12	.2422E-12	.2310E-12	2167E-12	.2003E-12	1829E-12	1653E-12	1486E-12
40.	.1463E-12	.1603E-12	.1750E-12	.1896E-12	.2034E-12	.2154E-12	.2248E-12	.2308E-12	2329E-12	2308E-12	.2247E-12	2152E-12	.2032E-12	1894E-12	1748E-12	1601E-12	1461E-12
50.	.1434E-12	.1543E-12	.1657E-12	.1772E-12	.1880E-12	.1976E-12	.2051E-12	.2100E-12	.2116E-12	.2100E-12	.2050E-12	.1975E-12	.1879E-12	.1770E-12	1656E-12	1541E-12	.1432E-12
60.	.1402E-12	.1478E-12	.1559E-12	.1641E-12	.1720E-12	.1790E-12	.1847E-12	.1885E-12	.1899E-12	.1885E-12	.1847E-12	.1790E-12	.1719E-12	.1640E-12	1557E-12	1477E-12	.1401E-12
70.	.1370E-12	.1412E-12	.1460E-12	.1511E-12	.1562E-12	.1609E-12	.1648E-12	.1676E-12	.1686E-12	.1675E-12	.1648E-12	.1608E-12	.1561E-12	.1510E-12	.1459E-12	.1411E-12	.1368E-12
80.	.1337E-12	.1340E-12	.1365E-12	.1387E-12	.1413E-12	.1439E-12	.1463E-12	.1481E-12	.1488E-12	.1481E-12	.1463E-12	.1436E-12	.1412E-12	.1386E-12	.1364E-12	.1346E-12	.1336E-12
90.	.1306E-12	.1287E-12	.1277E-12	.1274E-12	.1278E-12	.1286E-12	.1297E-12	.1307E-12	.1312E-12	.1307E-12	.1297E-12	.1286E-12	.1277E-12	.1273E-12	.1275E-12	.1286E-12	.1305E-12
100.	.1278E-12	.1232E-12	.1197E-12	.1173E-12	.1159E-12	.1153E-12	.1153E-12	.1157E-12	.1160E-12	.1157E-12	.1153E-12	.1152E-12	.1158E-12	.1172E-12	.1196E-12	.1231E-12	.1276E-12
110.	.1252E-12	.1183E-12	.1126E-12	.1086E-12	.1058E-12	.1040E-12	.1033E-12	.1031E-12	.1032E-12	.1031E-12	.1032E-12	.1040E-12	.1057E-12	.1086E-12	.1127E-12	.1184E-12	.1250E-12
120.	.1230E-12	.1141E-12	.1069E-12	.1014E-12	.9742E-13	.9483E-13	.9343E-13	9292E-13	.9290E-13	.9292E-13	.9341E-13	.9480E-13	.9737E-13	.1013E-12	1068E-12	.1140E-12	.1220E-12
130.	.1211E-12	.1107E-12	.1022E-12	.9558E-13	.9075E-13	.8753E-13	8567E-13	.8490E-13	.8479E-13	.8490E-13	.8566E-13	.8750E-13	9071E-13	9551E-13	1021E-12	1106E-12	1210E-12
140.	.1196E-12	.1080E-12	.9847E-13	.9108E-13	.8565E-13	.8198E-13	.7981E-13	.7884E-13	.7867E-13	.7884E-13	7979E-13	8195E-13	.8561E-13	.9102E-13	.9838E-13	.1078E-12	.1195E-12
150.	.1185E-12	.1060E-12	.9575E-13	.8781E-13	.8196E-13	.7798E-13	.7560E-13	.7451E-13	7429E-13	7451E-13	.7559E-13	.7796E-13	.8192E-13	.8775E-13	9566E-13	1058E-12	.1184E-12
160.	.1178E-12	.1046E-12	.9391E-13	.8562E-13	.7950E-13	.7533E-13	.7282E-13	.7165E-13	.7141E-13	.7165E-13	.7281E-13	.7531E-13	7947E-13	.8556E-13	9383E-13	.1045E-12	1176E-12
170.	.1173E-12	.1038E-12	.9284E-13	.8433E-13	.7807E-13	.7379E-13	.7128E-13	.6999E-13	6973E-13	.6999E-13	.7119E-13	.7377E-13	7803E-13	.8428E-13	9276E-13	.1037E-12	.1172E-12
180.	.1171E-12	.1034E-12	.9235E-13	.8375E-13	.7742E-13	7309E-13	.7047E-13	.6924E-13	.6898E-13	6924E-13	.7047E-13	.7307E-13	.7739E-13	.8370E-13	9227E-13	.1033E-12	1170E-12
190.	.1171E-12	.1033E-12	.9223E-13	.8361E-13	.7726E-13	.7292E-13	7029E-13	.6906E-13	.6879E-13	.6906E-13	.7029E-13	.7290E-13	7723E-13	8356E-13	9215E-13	.1032E-12	1169E-12
200.	.1171E-12	.1033E-12	.9224E-13	.8362E-13	.7728E-13	.7294E-13	.7031E-13	6907E-13	.6881E-13	.6907E-13	.7030E-13	.7292E-13	.7724E-13	.8357E-13	9217E-13	.1032E-12	.1169E-12
210.	.1172E-12	.1035E-12	.9245E-13	.8387E-13	.7756E-13	.7324E-13	.7062E-13	6940E-13	.6913E-13	.6939E-13	.7061E-13	.7322E-13	.7752E-13	8382E-13	.9238E-13	.1034E-12	.1170E-12
220.	.1175E-12	.1040E-12	.9310E-13	.8474E-13	.7852E-13	.7428E-13	.7171E-13	.7051E-13	.7026E-13	.7051E-13	.7170E-13	.7425E-13	7849E-13	.8469E-13	9310E-13	1039E-12	.1173E-12
230.	.1181E-12	.1052E-12	.9474E-13	.8661E-13	.8062E-13	.7653E-13	.7407E-13	.7294E-13	.7271E-13	.7294E-13	.7406E-13	7650E-13	8058E-13	.8655E-13	9467E-13	.1051E-12	.1180E-12
240.	.1192E-12	.1072E-12	.9745E-13	.8995E-13	.8426E-13	.8047E-13	.7822E-13	.7721E-13	7702E-13	.7721E-13	.7821E-13	.8044E-13	.8422E-13	.8979E-13	.9736E-13	.1071E-12	.1191E-12
250.	.1208E-12	.1102E-12	.1015E-12	.9401E-13	.8900E-13	.8658E-13	.8467E-13	.8386E-13	.8374E-13	8386E-13	.8465E-13	.8655E-13	.8984E-13	.9475E-13	1015E-12	1101E-12	.1207E-12
260.	.1231E-12	.1143E-12	.1072E-12	.1018E-12	.9785E-13	.9538E-13	9393E-13	.9344E-13	.9343E-13	.9343E-13	.9391E-13	9526E-13	9779E-13	.1017E-12	1071E-12	.1142E-12	.1229E-12
270.	.1259E-12	.1196E-12	.1146E-12	.1109E-12	.1084E-12	.1070E-12	.1064E-12	.1064E-12	.1066E-12	.1064E-12	.1064E-12	.1069E-12	1084E-12	.1108E-12	1145E-12	1195E-12	1257E-12
280.	.1292E-12	.1259E-12	.1236E-12	.1223E-12	.1217E-12	.1218E-12	.1224E-12	.1231E-12	.1234E-12	.1230E-12	.1223E-12	.1216E-12	.1216E-12	.1222E-12	.1235E-12	.1258E-12	.1290E-12
290.	.1329E-12	.1331E-12	.1341E-12	.1356E-12	.1376E-12	.1397E-12	.1417E-12	.1433E-12	.1439E-12	.1433E-12	.1417E-12	.1396E-12	.1375E-12	.1355E-12	.1340E-12	.1330E-12	.1327E-12
300.	.1360E-12	.1409E-12	.1455E-12	.1504E-12	.1554E-12	.1600E-12	.1638E-12	.1665E-12	.1675E-12	.1665E-12	.1638E-12	.1599E-12	.1553E-12	.1503E-12	.1454E-12	.1407E-12	.1366E-12
310.	.1407E-12	.1407E-12	.1573E-12	.1659E-12	.1742E-12	.1816E-12	.1876E-12	1915E-12	.1929E-12	.1915E-12	.1875E-12	.1815E-12	1741E-12	.1658E-12	.1571E-12	.1486E-12	.1405E-12
320.	.1443E-12	.1562E-12	.1686E-12	.1810E-12	.1928E-12	.2031E-12	.2112E-12	.2164E-12	.2183E-12	.2164E-12	.2111E-12	.2029E-12	.1926E-12	.1809E-12	.1684E-12	1560E-12	.1441E-12
330.	.1474E-12	.1627E-12	.1787E-12	.1945E-12	.2095E-12	.2225E-12	.2327E-12	.2392E-12	.2415E-12	.2391E-12	.2326E-12	.2224E-12	.2093E-12	.1944E-12	.1785E-12	.1625E-12	.1472E-12
340.	.1498E-12	.1670E-12	.1866E-12	.2053E-12	.2229E-12	.2382E-12	.2501E-12	.2576E-12	.2602E-12	.2576E-12	.2500E-12	.2380E-12	.2227E-12	.2051E-12	.1864E-12	.1676E-12	.1496E-12
350.	.1514E-12	.1711E-12	.1918E-12	.2125E-12	.2310E-12	.2466E-12	.2617E-12	.2699E-12	.2727E-12	.2699E-12	.2616E-12	.2485E-12	.2317E-12	.2123E-12	.1916E-12	.1709E-12	.1512E-12

90. -90.

.1332E-12 .1334E-12

Number of Data Values: 612

Mean Value: .1372E-12

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 14002 ALTITUDE(KM): 900.0
F10: 230.00 F10B: 230.00 GI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40	50.	60	70	80
0.	.6177E-13	.7005E-13	.8055E-13	.9038E-13	.9973E-13	.1079E-12	.1143E-12	.1184E-12	.1198E-12	.1184E-12	.1143E-12	.1079E-12	9965E-13	.9030E-13	8047E-13	[illegible]	[illegible]
10.	.6165E-13	.7059E-13	.8013E-13	.8979E-13	.9898E-13	.1070E-12	.1134E-12	.1174E-12	.1188E-12	.1174E-12	.1133E-12	.1070E-12	9891E-13	.8971E-13	[illegible]	[illegible]	[illegible]
20.	.6115E-13	.6958E-13	.7840E-13	.8748E-13	.9595E-13	.1035E-12	.1093E-12	.1131E-12	.1144E-12	.1131E-12	.1093E-12	.1034E-12	9588E-13	.8732E-13	[illegible]	[illegible]	[illegible]
30.	.6032E-13	.6773E-13	.7558E-13	.8351E-13	.9104E-13	.9766E-13	.1029E-12	.1062E-12	.1074E-12	.1062E-12	.1028E-12	.9761E-13	9098E-13	.8344E-13	[illegible]	[illegible]	[illegible]
40.	.5924E-13	.6542E-13	.7196E-13	.7855E-13	.8482E-13	.9034E-13	.9470E-13	.9752E-13	.9850E-13	.9758E-13	.9467E-13	.9029E-13	.8476E-13	.7848E-13	[illegible]	[illegible]	[illegible]
50.	.5790E-13	.6276E-13	.6783E-13	.7295E-13	.7783E-13	.8217E-13	.8562E-13	.8789E-13	.8869E-13	.8787E-13	.8560E-13	.8213E-13	.7770E-13	.7279E-13	[illegible]	[illegible]	[illegible]
60.	.5660E-13	.5992E-13	.6347E-13	.6711E-13	.7062E-13	.7378E-13	.7635E-13	.7806E-13	.7869E-13	.7805E-13	.7632E-13	.7375E-13	.7058E-13	.6705E-13	[illegible]	[illegible]	[illegible]
70.	.5519E-13	.5704E-13	.5913E-13	.6136E-13	.6368E-13	.6568E-13	.6743E-13	.6865E-13	.6911E-13	.6864E-13	.6741E-13	.6565E-13	.6356E-13	.6132E-13	[illegible]	[illegible]	[illegible]
80.	.5379E-13	.5425E-13	.5499E-13	.5596E-13	.5707E-13	.5821E-13	.5926E-13	.6005E-13	.6037E-13	.6004E-13	.5925E-13	.5819E-13	.5704E-13	.5592E-13	[illegible]	[illegible]	[illegible]
90.	.5246E-13	.5163E-13	.5118E-13	.5106E-13	.5123E-13	.5159E-13	.5207E-13	.5250E-13	.5270E-13	.5249E-13	.5205E-13	.5158E-13	.5120E-13	.5103E-13	[illegible]	[illegible]	[illegible]
100.	.5122E-13	.4927E-13	.4779E-13	.4677E-13	.4616E-13	.4592E-13	.4593E-13	.4609E-13	.4628E-13	.4609E-13	.4593E-13	.4590E-13	4614E-13	.4674E-13	[illegible]	[illegible]	[illegible]
110.	.5012E-13	.4719E-13	.4405E-13	.4311E-13	.4191E-13	.4119E-13	.4086E-13	.4081E-13	.4086E-13	.4081E-13	.4086E-13	.4110E-13	.4189E-13	4309E-13	[illegible]	[illegible]	[illegible]
120.	.4917E-13	.4542E-13	.4240E-13	.4089E-13	.3944E-13	.3737E-13	.3679E-13	.3659E-13	.3658E-13	.3659E-13	.3679E-13	.3736E-13	.3843E-13	.4007E-13	[illegible]	[illegible]	[illegible]
130.	.4838E-13	.4396E-13	.4041E-13	.3760E-13	.3579E-13	.3438E-13	.3362E-13	.3331E-13	.3326E-13	.3331E-13	.3362E-13	.3457E-13	.3568E-13	.3766E-13	[illegible]	[illegible]	[illegible]
140.	.4775E-13	.4282E-13	.3907E-13	.3583E-13	.3361E-13	.3212E-13	.3125E-13	.3086E-13	.3079E-13	.3086E-13	.3125E-13	.3212E-13	.3361E-13	.3581E-13	[illegible]	[illegible]	[illegible]
150.	.4728E-13	.4190E-13	.3779E-13	.3449E-13	.3212E-13	.3051E-13	.2956E-13	.2913E-13	.2904E-13	.2913E-13	.2956E-13	.3051E-13	.3211E-13	.3448E-13	[illegible]	[illegible]	[illegible]
160.	.4696E-13	.4142E-13	.3699E-13	.3360E-13	.3113E-13	.2945E-13	.2845E-13	.2799E-13	.2789E-13	.2799E-13	.2845E-13	.2945E-13	.3112E-13	.3359E-13	[illegible]	[illegible]	[illegible]
170.	.4677E-13	.4108E-13	.3655E-13	.3306E-13	.3055E-13	.2884E-13	.2781E-13	.2733E-13	.2723E-13	.2733E-13	.2781E-13	.2883E-13	.3054E-13	.3307E-13	3e53E-13	.4106E-13	.4673E-13
180.	.4669E-13	.4093E-13	.3635E-13	.3284E-13	.3029E-13	.2856E-13	.2752E-13	.2703E-13	.2693E-13	.2703E-13	.2752E-13	.2856E-13	.3028E-13	.3283E-13	3e33E-13	.4090E-13	4665E-13
190.	.4667E-13	.4090E-13	.3630E-13	.3278E-13	.3023E-13	.2849E-13	.2745E-13	.2696E-13	.2685E-13	.2696E-13	.2745E-13	.2849E-13	.3022E-13	.3277E-13	3e28E-13	.4087E-13	.4663E-13
200.	.4667E-13	.4090E-13	.3630E-13	.3279E-13	.3023E-13	.2850E-13	.2745E-13	.2697E-13	.2686E-13	.2697E-13	.2745E-13	.2850E-13	.3023E-13	.3279E-13	3e29E-13	.4087E-13	4663E-13
210.	.4670E-13	.4096E-13	.3639E-13	.3289E-13	.3034E-13	.2862E-13	.2758E-13	.2709E-13	.2699E-13	.2710E-13	.2758E-13	.2862E-13	.3034E-13	.3288E-13	3e37E-13	.4093E-13	.4666E-13
220.	.4683E-13	.4119E-13	.3669E-13	.3324E-13	.3073E-13	.2903E-13	.2801E-13	.2754E-13	.2744E-13	.2754E-13	.2801E-13	.2903E-13	.3073E-13	.3323E-13	3e67E-13	.4116E-13	.4679E-13
230.	.4711E-13	.4160E-13	.3733E-13	.3400E-13	.3157E-13	.2993E-13	.2895E-13	.2850E-13	.2841E-13	.2850E-13	.2895E-13	.2993E-13	.3157E-13	.3399E-13	3731E-13	.4164E-13	.4706E-13
240.	.4757E-13	.4251E-13	.3845E-13	.3533E-13	.3305E-13	.3152E-13	.3061E-13	.3021E-13	.3013E-13	.3021E-13	.3061E-13	.3151E-13	.3304E-13	.3531E-13	3843E-13	.4240E-13	.4753E-13
250.	.4827E-13	.4377E-13	.4015E-13	.3736E-13	.3534E-13	.3399E-13	.3322E-13	.3289E-13	.3284E-13	.3289E-13	.3321E-13	.3399E-13	.3533E-13	.3735E-13	.4012E-13	.4374E-13	.4823E-13
260.	.4922E-13	.4551E-13	.4252E-13	.4024E-13	.3861E-13	.3756E-13	.3700E-13	.3680E-13	.3680E-13	.3680E-13	.3700E-13	.3756E-13	.3860E-13	.4022E-13	.4258E-13	.4547E-13	.4917E-13
270.	.5042E-13	.4774E-13	.4563E-13	.4407E-13	.4302E-13	.4242E-13	.4218E-13	.4218E-13	.4224E-13	.4218E-13	.4218E-13	.4241E-13	.4301E-13	.4405E-13	.4560E-13	.4770E-13	.5037E-13
280.	.5184E-13	.5044E-13	.4946E-13	.4880E-13	.4864E-13	.4869E-13	.4893E-13	.4921E-13	.4937E-13	.4921E-13	.4892E-13	.4868E-13	.4862E-13	.4885E-13	.4942E-13	.5040E-13	.5179E-13
290.	.5343E-13	.5354E-13	.5395E-13	.5461E-13	.5545E-13	.5638E-13	.5726E-13	.5794E-13	.5823E-13	.5794E-13	.5725E-13	.5635E-13	.5542E-13	.5457E-13	.5390E-13	.5349E-13	.5338E-13
300.	.5511E-13	.5609E-13	.5091E-13	.6187E-13	.6324E-13	.6527E-13	.6690E-13	.6818E-13	.6863E-13	.6817E-13	.6697E-13	.6524E-13	.6320E-13	.6102E-13	.5886E-13	.5684E-13	.5506E-13
310.	.5680E-13	.6022E-13	.6490E-13	.6792E-13	.7162E-13	.7494E-13	.7762E-13	.7941E-13	.8006E-13	.7940E-13	.7760E-13	.7490E-13	.7157E-13	.6786E-13	.6402E-13	.6026E-13	.5674E-13
320.	.5837E-13	.6359E-13	.6911E-13	.7460E-13	.7999E-13	.8468E-13	.8841E-13	.9084E-13	.9170E-13	.9083E-13	.8839E-13	.8464E-13	.7993E-13	.7462E-13	.6905E-13	.6353E-13	.5831E-13
330.	.5974E-13	.6647E-13	.7360E-13	.8080E-13	.8763E-13	.9365E-13	.9830E-13	.1014E-12	.1025E-12	.1014E-12	.9835E-13	.9360F-13	.8757E-13	.8073E-13	.7353E-13	.6640E-13	.5968E-13
340.	.6080E-13	.6874E-13	.7719E-13	.8572E-13	.9303E-13	.1010E-12	.1065E-12	.1101E-12	.1113E-12	.1101E-12	.1065E-12	.1009E-12	.9376E-13	.8565E-13	.7711E-13	.6867E-13	.6073E-13
350.	.6149E-13	.7023E-13	.7956E-13	.8901E-13	.9799E-13	.1059E-12	.1120E-12	.1160E-12	.1173E-12	.1159E-12	.1120E-12	.1058E-12	.9791E-13	.8893E-13	.7940E-13	.7016E-13	.6142E-13

90. -90.

.5358E-13 .5365E-13

Number of Data Values: 612

Mean Value: .5590E-13

TABLE 5. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 14002 ALTITUDE(KM): 1000.0
F10: 230.00 F10B: 230.00 GI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60	70	80
0.	.2769E-13	.3185E-13	.3637E-13	.4181E-13	.4549E-13	.4918E-13	.5229E-13	.5428E-13	.5496E-13	.5427E-13	.5227E-13	.4916E-13	.4546E-13	.4099E-13	.3635E-13	.3183E-13	.2767E-13
10.	.2763E-13	.3173E-13	.3617E-13	.4074E-13	.4513E-13	.4875E-13	.5181E-13	.5376E-13	.5443E-13	.5375E-13	.5179E-13	.4873E-13	.4510E-13	.4071E-13	.3615E-13	.3171E-13	.2761E-13
20.	.2740E-13	.3123E-13	.3536E-13	.3960E-13	.4367E-13	.4702E-13	.4986E-13	.5160E-13	.5230E-13	.5167E-13	.4984E-13	.4700E-13	.4365E-13	.3957E-13	.3534E-13	.3121E-13	.2736E-13
30.	.2703E-13	.3041E-13	.3405E-13	.3776E-13	.4133E-13	.4450E-13	.4674E-13	.4835E-13	.4890E-13	.4834E-13	.4673E-13	.4448E-13	.4131E-13	.3774E-13	.3403E-13	.3039E-13	.2701E-13
40.	.2654E-13	.2935E-13	.3237E-13	.3543E-13	.3838E-13	.4100E-13	.4300E-13	.4443E-13	.4490E-13	.4442E-13	.4306E-13	.4090E-13	.3836E-13	.3541E-13	.3234E-13	.2933E-13	.2652E-13
50.	.2596E-13	.2814E-13	.3046E-13	.3282E-13	.3510E-13	.3713E-13	.3876E-13	.3983E-13	.4022E-13	.3983E-13	.3875E-13	.3712E-13	.3508E-13	.3281E-13	.3044E-13	.2812E-13	.2595E-13
60.	.2522E-13	.2684E-13	.2846E-13	.3013E-13	.3175E-13	.3321E-13	.3441E-13	.3521E-13	.3550E-13	.3521E-13	.3440E-13	.3320E-13	.3173E-13	.3011E-13	.2845E-13	.2683E-13	.2520E-13
70.	.2458E-13	.2541E-13	.2649E-13	.2758E-13	.2852E-13	.2947E-13	.3020E-13	.3084E-13	.3105E-13	.3084E-13	.3027E-13	.2947E-13	.2851E-13	.2749E-13	.2647E-13	.2549E-13	.2457E-13
80.	.2396E-13	.2416E-13	.2449E-13	.2493E-13	.2543E-13	.2607E-13	.2655E-13	.2698E-13	.2705E-13	.2698E-13	.2654E-13	.2607E-13	.2542E-13	.2492E-13	.2448E-13	.2415E-13	.2394E-13
90.	.2336E-13	.2308E-13	.2280E-13	.2274E-13	.2282E-13	.2298E-13	.2319E-13	.2339E-13	.2348E-13	.2339E-13	.2319E-13	.2298E-13	.2281E-13	.2274E-13	.2279E-13	.2299E-13	.2335E-13
100.	.2282E-13	.2195E-13	.2130E-13	.2085E-13	.2058E-13	.2047E-13	.2048E-13	.2055E-13	.2060E-13	.2055E-13	.2048E-13	.2047E-13	.2058E-13	.2084E-13	.2129E-13	.2194E-13	.2281E-13
110.	.2233E-13	.2103E-13	.2001E-13	.1924E-13	.1872E-13	.1841E-13	.1827E-13	.1825E-13	.1827E-13	.1825E-13	.1827E-13	.1841E-13	.1872E-13	.1924E-13	.2000E-13	.2102E-13	.2232E-13
120.	.2191E-13	.2023E-13	.1893E-13	.1793E-13	.1722E-13	.1676E-13	.1651E-13	.1642E-13	.1642E-13	.1642E-13	.1651E-13	.1676E-13	.1722E-13	.1793E-13	.1893E-13	.2025E-13	.2190E-13
130.	.2156E-13	.1962E-13	.1807E-13	.1689E-13	.1604E-13	.1547E-13	.1515E-13	.1502E-13	.1500E-13	.1502E-13	.1515E-13	.1547E-13	.1604E-13	.1689E-13	.1807E-13	.1961E-13	.2155E-13
140.	.2120E-13	.1912E-13	.1740E-13	.1609E-13	.1515E-13	.1451E-13	.1414E-13	.1398E-13	.1395E-13	.1398E-13	.1414E-13	.1451E-13	.1515E-13	.1609E-13	.1740E-13	.1912E-13	.2127E-13
150.	.2107E-13	.1875E-13	.1692E-13	.1552E-13	.1451E-13	.1383E-13	.1342E-13	.1324E-13	.1321E-13	.1324E-13	.1343E-13	.1383E-13	.1451E-13	.1552E-13	.1692E-13	.1875E-13	.2106E-13
160.	.2093E-13	.1851E-13	.1659E-13	.1514E-13	.1409E-13	.1338E-13	.1295E-13	.1276E-13	.1272E-13	.1276E-13	.1296E-13	.1338E-13	.1409E-13	.1514E-13	.1659E-13	.1850E-13	.2092E-13
170.	.2085E-13	.1836E-13	.1640E-13	.1492E-13	.1384E-13	.1312E-13	.1268E-13	.1248E-13	.1244E-13	.1249E-13	.1269E-13	.1312E-13	.1385E-13	.1492E-13	.1640E-13	.1836E-13	.2084E-13
180.	.2081E-13	.1830E-13	.1632E-13	.1482E-13	.1373E-13	.1300E-13	.1256E-13	.1236E-13	.1232E-13	.1236E-13	.1257E-13	.1300E-13	.1374E-13	.1482E-13	.1632E-13	.1829E-13	.2080E-13
190.	.2080E-13	.1828E-13	.1630E-13	.1479E-13	.1370E-13	.1297E-13	.1253E-13	.1233E-13	.1229E-13	.1233E-13	.1254E-13	.1298E-13	.1371E-13	.1479E-13	.1630E-13	.1828E-13	.2079E-13
200.	.2080E-13	.1828E-13	.1630E-13	.1479E-13	.1371E-13	.1297E-13	.1254E-13	.1233E-13	.1229E-13	.1233E-13	.1254E-13	.1298E-13	.1371E-13	.1480E-13	.1630E-13	.1828E-13	.2080E-13
210.	.2082E-13	.1831E-13	.1633E-13	.1484E-13	.1375E-13	.1302E-13	.1259E-13	.1238E-13	.1234E-13	.1239E-13	.1259E-13	.1303E-13	.1376E-13	.1484E-13	.1633E-13	.1831E-13	.2081E-13
220.	.2086E-13	.1841E-13	.1646E-13	.1499E-13	.1392E-13	.1320E-13	.1277E-13	.1257E-13	.1253E-13	.1257E-13	.1277E-13	.1320E-13	.1392E-13	.1499E-13	.1646E-13	.1840E-13	.2087E-13
230.	.2100E-13	.1862E-13	.1674E-13	.1531E-13	.1428E-13	.1358E-13	.1317E-13	.1298E-13	.1294E-13	.1298E-13	.1317E-13	.1358E-13	.1428E-13	.1531E-13	.1674E-13	.1862E-13	.2099E-13
240.	.2120E-13	.1898E-13	.1722E-13	.1588E-13	.1498E-13	.1425E-13	.1387E-13	.1370E-13	.1367E-13	.1370E-13	.1387E-13	.1426E-13	.1491E-13	.1588E-13	.1722E-13	.1898E-13	.2119E-13
250.	.2151E-13	.1953E-13	.1796E-13	.1675E-13	.1588E-13	.1531E-13	.1498E-13	.1484E-13	.1482E-13	.1484E-13	.1498E-13	.1531E-13	.1589E-13	.1675E-13	.1795E-13	.1953E-13	.2150E-13
260.	.2193E-13	.2029E-13	.1899E-13	.1808E-13	.1729E-13	.1684E-13	.1664E-13	.1651E-13	.1651E-13	.1651E-13	.1664E-13	.1684E-13	.1729E-13	.1808E-13	.1899E-13	.2029E-13	.2192E-13
270	.2246E-13	.2127E-13	.2035E-13	.1966E-13	.1921E-13	.1895E-13	.1884E-13	.1884E-13	.1887E-13	.1884E-13	.1884E-13	.1895E-13	.1921E-13	.1966E-13	.2034E-13	.2127E-13	.2245E-13
280.	.2309E-13	.2247E-13	.2204E-13	.2178E-13	.2168E-13	.2170E-13	.2180E-13	.2193E-13	.2200E-13	.2193E-13	.2180E-13	.2170E-13	.2167E-13	.2177E-13	.2203E-13	.2246E-13	.2308E-13
290.	.2380E-13	.2385E-13	.2403E-13	.2432E-13	.2470E-13	.2512E-13	.2551E-13	.2595E-13	.2600E-13	.2595E-13	.2551E-13	.2511E-13	.2470E-13	.2432E-13	.2402E-13	.2383E-13	.2378E-13
300.	.2455E-13	.2535E-13	.2638E-13	.2737E-13	.2836E-13	.2929E-13	.3007E-13	.3062E-13	.3083E-13	.3062E-13	.3007E-13	.2928E-13	.2835E-13	.2735E-13	.2637E-13	.2533E-13	.2454E-13
310.	.2530E-13	.2702E-13	.2874E-13	.3058E-13	.3221E-13	.3375E-13	.3500E-13	.3584E-13	.3615E-13	.3584E-13	.3500E-13	.3374E-13	.3219E-13	.3040E-13	.2872E-13	.2701E-13	.2529E-13
320.	.2614E-13	.2852E-13	.3105E-13	.3363E-13	.3611E-13	.3832E-13	.4000E-13	.4124E-13	.4165E-13	.4123E-13	.4007E-13	.3838E-13	.3609E-13	.3361E-13	.3103E-13	.2850E-13	.2613E-13
330.	.2676E-13	.2903E-13	.3313E-13	.3649E-13	.3971E-13	.4257E-13	.4484E-13	.4631E-13	.4657E-13	.4638E-13	.4483E-13	.4255E-13	.3969E-13	.3646E-13	.3311E-13	.2981E-13	.2674E-13
340.	.2724E-13	.3088E-13	.3480E-13	.3881E-13	.4266E-13	.4600E-13	.4851E-13	.5023E-13	.5083E-13	.5023E-13	.4849E-13	.4606E-13	.4264E-13	.3870E-13	.3477E-13	.3006E-13	.2722E-13
350.	.2756E-13	.3157E-13	.3591E-13	.4036E-13	.4465E-13	.4818E-13	.5116E-13	.5300E-13	.5373E-13	.5307E-13	.5115E-13	.4816E-13	.4462E-13	.4033E-13	.3580E-13	.3154E-13	.2754E-13

90. -90.

.7388E-13 .2388E-13

Number of Data Values: 612

Mean Value: .2519E-13

TABLE 5. (Concluded)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 440667. TIME: 1400Z ALTITUDE(KM): 1100.0
F10: 250.00 F10B: 230.00 GI: 35.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20	-10.	0	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40	50.	60.	70.	80
0.	.1379E-13	.1576E-13	.1792E-13	.2016E-13	.2234E-13	.2429E-13	.2583E-13	.2683E-13	.2717E-13	.2682E-13	.2583E-13	.2429E-13	.2233E-13	.2015E-13	.1792E-13	.1576E-13	.1379E-13
10.	.1377E-13	.1571E-13	.1783E-13	.2002E-13	.2216E-13	.2407E-13	.2559E-13	.2657E-13	.2691E-13	.2657E-13	.2559E-13	.2407E-13	.2215E-13	.2002E-13	.1782E-13	.1570E-13	.1377E-13
20.	.1366E-13	.1547E-13	.1744E-13	.1947E-13	.2145E-13	.2322E-13	.2462E-13	.2553E-13	.2584E-13	.2553E-13	.2462E-13	.2321E-13	.2144E-13	.1947E-13	.1743E-13	.1546E-13	.1366E-13
30.	.1348E-13	.1508E-13	.1681E-13	.1859E-13	.2031E-13	.2185E-13	.2308E-13	.2387E-13	.2415E-13	.2387E-13	.2308E-13	.2185E-13	.2031E-13	.1858E-13	.1681E-13	.1508E-13	.1348E-13
40.	.1325E-13	.1458E-13	.1601E-13	.1747E-13	.1889E-13	.2015E-13	.2116E-13	.2182E-13	.2205E-13	.2182E-13	.2116E-13	.2015E-13	.1888E-13	.1747E-13	.1600E-13	.1458E-13	.1325E-13
50.	.1298E-13	.1401E-13	.1510E-13	.1623E-13	.1731E-13	.1829E-13	.1907E-13	.1959E-13	.1978E-13	.1959E-13	.1907E-13	.1829E-13	.1731E-13	.1622E-13	.1510E-13	.1400E-13	.1299E-13
60.	.1269E-13	.1346E-13	.1416E-13	.1485E-13	.1571E-13	.1641E-13	.1690E-13	.1737E-13	.1751E-13	.1737E-13	.1690E-13	.1641E-13	.1571E-13	.1494E-13	.1416E-13	.1346E-13	.1296E-13
70.	.1240E-13	.1279E-13	.1322E-13	.1371E-13	.1419E-13	.1464E-13	.1502E-13	.1520E-13	.1539E-13	.1520E-13	.1502E-13	.1464E-13	.1419E-13	.1371E-13	.1323E-13	.1279E-13	.1240E-13
80.	.1216E-13	.1228E-13	.1239E-13	.1256E-13	.1279E-13	.1304E-13	.1326E-13	.1343E-13	.1350E-13	.1343E-13	.1326E-13	.1304E-13	.1280E-13	.1256E-13	.1236E-13	.1220E-13	.1210E-13
90.	.1182E-13	.1165E-13	.1156E-13	.1153E-13	.1157E-13	.1165E-13	.1175E-13	.1184E-13	.1188E-13	.1184E-13	.1175E-13	.1165E-13	.1157E-13	.1154E-13	.1156E-13	.1164E-13	.1183E-13
100.	.1157E-13	.1116E-13	.1086E-13	.1065E-13	.1053E-13	.1048E-13	.1048E-13	.1051E-13	.1054E-13	.1052E-13	.1048E-13	.1048E-13	.1053E-13	.1065E-13	.1086E-13	.1117E-13	.1157E-13
110.	.1134E-13	.1073E-13	.1026E-13	.9904E-14	.9662E-14	.9517E-14	.9452E-14	.9442E-14	.9452E-14	.9444E-14	.9456E-14	.9522E-14	.9666E-14	.9909E-14	.1026E-13	.1074E-13	.1134E-13
120.	.1114E-13	.1037E-13	.9759E-14	.9295E-14	.8964E-14	.8752E-14	.8638E-14	.8598E-14	.8537E-14	.8599E-14	.8641E-14	.8756E-14	.8969E-14	.9308E-14	.9764E-14	.1038E-13	.1115E-13
130.	.1098E-13	.1008E-13	.9359E-14	.8812E-14	.8418E-14	.8158E-14	.8014E-14	.7949E-14	.7941E-14	.7951E-14	.8014E-14	.8163E-14	.8424E-14	.8818E-14	.9364E-14	.1008E-13	.1098E-13
140.	.1085E-13	.9944E-14	.9058E-14	.8444E-14	.8006E-14	.7714E-14	.7543E-14	.7468E-14	.7455E-14	.7470E-14	.7546E-14	.7719E-14	.8012E-14	.8450E-14	.9056E-14	.9851E-14	.1085E-13
150.	.1075E-13	.9676E-14	.8825E-14	.8179E-14	.7712E-14	.7390E-14	.7212E-14	.7128E-14	.7112E-14	.7130E-14	.7216E-14	.7403E-14	.7718E-14	.8185E-14	.8831E-14	.9681E-14	.1076E-13
160.	.1069E-13	.9563E-14	.8675E-14	.8003E-14	.7517E-14	.7198E-14	.6995E-14	.6905E-14	.6888E-14	.6900E-14	.6999E-14	.7195E-14	.7523E-14	.8009E-14	.8681E-14	.9567E-14	.1069E-13
170.	.1065E-13	.9494E-14	.8587E-14	.7908E-14	.7404E-14	.7078E-14	.6878E-14	.6777E-14	.6758E-14	.6780E-14	.6874E-14	.7075E-14	.7410E-14	.7907E-14	.8593E-14	.9500E-14	.1065E-13
180.	.1063E-13	.9464E-14	.8547E-14	.7854E-14	.7353E-14	.7016E-14	.6813E-14	.6719E-14	.6700E-14	.6722E-14	.6818E-14	.7021E-14	.7359E-14	.7868E-14	.8553E-14	.9469E-14	.1064E-13
190.	.1063E-13	.9456E-14	.8538E-14	.7843E-14	.7341E-14	.7002E-14	.6800E-14	.6705E-14	.6696E-14	.6708E-14	.6804E-14	.7008E-14	.7347E-14	.7842E-14	.8544E-14	.9462E-14	.1063E-13
200.	.1063E-13	.9457E-14	.8538E-14	.7844E-14	.7342E-14	.7003E-14	.6801E-14	.6707E-14	.6687E-14	.6709E-14	.6805E-14	.7009E-14	.7348E-14	.7850E-14	.8545E-14	.9462E-14	.1063E-13
210.	.1064E-13	.9470E-14	.8555E-14	.7864E-14	.7364E-14	.7027E-14	.6825E-14	.6731E-14	.6712E-14	.6734E-14	.6829E-14	.7032E-14	.7370E-14	.7870E-14	.8562E-14	.9476E-14	.1064E-13
220.	.1066E-13	.9516E-14	.8615E-14	.7933E-14	.7440E-14	.7100E-14	.6909E-14	.6818E-14	.6799E-14	.6820E-14	.6913E-14	.7113E-14	.7446E-14	.7939E-14	.8621E-14	.9521E-14	.1067E-13
230.	.1072E-13	.9613E-14	.8743E-14	.8003E-14	.7605E-14	.7284E-14	.7093E-14	.7006E-14	.6989E-14	.7008E-14	.7097E-14	.7289E-14	.7611E-14	.8089E-14	.8749E-14	.9619E-14	.1072E-13
240.	.1081E-13	.9782E-14	.8966E-14	.8344E-14	.7895E-14	.7594E-14	.7417E-14	.7339E-14	.7325E-14	.7341E-14	.7421E-14	.7599E-14	.7901E-14	.8351E-14	.8971E-14	.9787E-14	.1082E-13
250.	.1096E-13	.1004E-13	.9366E-14	.8749E-14	.8347E-14	.8081E-14	.7929E-14	.7866E-14	.7857E-14	.7868E-14	.7933E-14	.8066E-14	.8353E-14	.8755E-14	.9312E-14	.1004E-13	.1096E-13
260.	.1115E-13	.1039E-13	.9785E-14	.9326E-14	.8999E-14	.8790E-14	.8678E-14	.8644E-14	.8644E-14	.8642E-14	.8682E-14	.8795E-14	.9005E-14	.9331E-14	.9790E-14	.1040E-13	.1116E-13
270.	.1140E-13	.1085E-13	.1042E-13	.1010E-13	.9807E-14	.9766E-14	.9718E-14	.9719E-14	.9732E-14	.9720E-14	.9721E-14	.9778E-14	.9891E-14	.1010E-13	.1042E-13	.1085E-13	.1140E-13
280.	.1170E-13	.1141E-13	.1120E-13	.1108E-13	.1104E-13	.1105E-13	.1109E-13	.1116E-13	.1119E-13	.1116E-13	.1110E-13	.1105E-13	.1104E-13	.1109E-13	.1121E-13	.1141E-13	.1170E-13
290.	.1203E-13	.1208E-13	.1214E-13	.1227E-13	.1245E-13	.1265E-13	.1284E-13	.1298E-13	.1304E-13	.1298E-13	.1284E-13	.1265E-13	.1245E-13	.1228E-13	.1214E-13	.1205E-13	.1203E-13
300.	.1238E-13	.1275E-13	.1318E-13	.1364E-13	.1411E-13	.1455E-13	.1492E-13	.1518E-13	.1528E-13	.1518E-13	.1492E-13	.1455E-13	.1411E-13	.1364E-13	.1318E-13	.1276E-13	.1238E-13
310.	.1274E-13	.1348E-13	.1429E-13	.1512E-13	.1593E-13	.1667E-13	.1727E-13	.1767E-13	.1782E-13	.1767E-13	.1727E-13	.1667E-13	.1593E-13	.1512E-13	.1429E-13	.1348E-13	.1274E-13
320.	.1307E-13	.1410E-13	.1530E-13	.1661E-13	.1779E-13	.1886E-13	.1971E-13	.2027E-13	.2047E-13	.2027E-13	.1971E-13	.1885E-13	.1779E-13	.1661E-13	.1530E-13	.1410E-13	.1307E-13
330.	.1336E-13	.1481E-13	.1637E-13	.1790E-13	.1953E-13	.2092E-13	.2202E-13	.2274E-13	.2299E-13	.2274E-13	.2202E-13	.2091E-13	.1952E-13	.1797E-13	.1637E-13	.1480E-13	.1336E-13
340.	.1358E-13	.1538E-13	.1717E-13	.1909E-13	.2096E-13	.2263E-13	.2395E-13	.2481E-13	.2511E-13	.2481E-13	.2395E-13	.2262E-13	.2095E-13	.1909E-13	.1716E-13	.1538E-13	.1358E-13
350.	.1373E-13	.1563E-13	.1770E-13	.1984E-13	.2193E-13	.2379E-13	.2527E-13	.2623E-13	.2655E-13	.2622E-13	.2527E-13	.2379E-13	.2192E-13	.1984E-13	.1769E-13	.1562E-13	.1373E-13

Number of Data Values. 612

Mean Value: .1272E-13

90. -90.

.1297E-13 .1297E-13

TABLE 6. MSFC/J70 GLOBAL DENSITY VALUES GIVEN PEAK SOLAR/GEOMAGNETIC CONDITIONS DURING A VERNAL EQUINOX PERIOD

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 14007 ALTITUDE(KM): 130.0
F10: 230.0v F10B: 236.00 GI: 400 00 (1-KP OR 2-AP): 2

LON. (-WEST (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80	-70.	-60.	-50.	-40.	-30	-20	-10.	0	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30	40	50	60	70
0.	.9173E-00	.9195E-00	.9220E-00	.9245E-00	.9269E-00	.9290E-00	.9307E-00	.9317E-00	.9321E-00	.9321E-00	.9323E-00	.9324E-00	.9326E-00	.9325E-00			
10.	.9173E-00	.9195E-00	.9220E-00	.9245E-00	.9268E-00	.9289E-00	.9306E-00	.9316E-00	.9320E-00	.9320E-00	.9322E-00	.9323E-00	.9325E-00	.9324E-00			
20.	.9172E-00	.9193E-00	.9217E-00	.9241E-00	.9265E-00	.9285E-00	.9301E-00	.9311F-00	.9315E-00	.9315E-00	.9317E-00	.9319E-00	.9321E-00	.9321E-00			
30.	.9170E-00	.9190E-00	.9212E-00	.9236E-00	.9258E-00	.9278E-00	.9293E-00	.9303E-00	.9307E-00	.9307E-00	.9309E-00	.9312E-00	.9314E-00	.9315E-00			
40.	.9168E-00	.9186E-00	.9206E-00	.9228E-00	.9249E-00	.9269E-00	.9283E-00	.9293E-00	.9296E-00	.9297E-00	.9295E-00	.9302E-00	.9305E-00	.9308E-00			
50	.9165E-00	.9181E-00	.9199E-00	.9219E-00	.9239E-00	.9256E-00	.9271E-00	.9280E-00	.9283E-00	.9284E-00	.9286E-00	.9290E-00	.9295E-00	.9299E-00			
60	.9162E-00	.9175E-00	.9191E-00	.9209E-00	.9227E-00	.9243E-00	.9256E-00	.9265E-00	.9268E-00	.9269E-00	.9272E-00	.9277E-00	.9283E-00	.9288E-00			
70.	.9159E-00	.9169E-00	.9182E-00	.9198E-00	.9214E-00	.9229E-00	.9241E-00	.9249E-00	.9252E-00	.9253E-00	.9257E-00	.9263E-00	.9270E-00	.9277E-00			
80.	.9156E-00	.9163E-00	.9174E-00	.9187E-00	.9201E-00	.9214E-00	.9225E-00	.9233E-00	.9236E-00	.9237E-00	.9241E-00	.9248E-00	.9257E-00	.9266E-00			
90.	.9153E-00	.9157E-00	.9165E-00	.9176E-00	.9188E-00	.9200E-00	.9210E-00	.9217E-00	.9219E-00	.9221E-00	.9226E-00	.9233E-00	.9244E-00	.9255E-00			
100	.9150E-00	.9151E-00	.9157E-00	.9165E-00	.9175E-00	.9185E-00	.9194E-00	.9201E-00	.9203E-00	.9205E-00	.9210E-00	.9219E-00	.9231E-00	.9244E-00			
110.	.9148E-00	.9146E-00	.9149E-00	.9155E-00	.9163E-00	.9172E-00	.9180E-00	.9186E-00	.9188E-00	.9190E-00	.9196E-00	.9206E-00	.9219E-00	.9234E-00			
120.	.9145E-00	.9142E 00	.9142E-00	.9146E-00	.9153E-00	.9160E-00	.9167E-00	.9172E-00	.9174E-00	.9176E-00	.9183E-00	.9194E-00	.9208E-00	.9225E-00			
130	.9143E-00	.9138E-00	.9136E-00	.9139E-00	.9144E-00	.9150E-00	.9156E-00	.9161E-00	.9163E-00	.9165E-00	.9172E-00	.9184E-00	.9199E-00	.9218E-00			
140.	.9142E-00	.9134E-00	.9132E-00	.9132E-00	.9136E-00	.9142E-00	.9147E-00	.9151E-00	.9153E-00	.9155E-00	.9163E-00	.9175E-00	.9192E-00	.9211E-00			
150.	.9141E-00	.9132E-00	.9128E-00	.9128E-00	.9131E-00	.9135E-00	.9140E-00	.9144E-00	.9146E-00	.9148E-00	.9154E-00	.9169E-00	.9186E-00	.9207E-00			
160.	.9140E-00	.9130E-00	.9125E-00	.9125E-00	.9127E-00	.9131E-00	.9135E-00	.9139E-00	.9141E-00	.9143E-00	.9151E-00	.9164E-00	.9182E-00	.9203E-00			
170.	.9139E-00	.9129E-00	.9124E-00	.9123E-00	.9124E-00	.9128E-00	.9133E-00	.9136E-00	.9138E-00	.9140E-00	.9140E-00	.9162E-00	.9186E-00	.9201E-00			
180.	.9139E-00	.9129E-00	.9123E-00	.9122E-00	.9123E-00	.9127E-00	.9131E-00	.9135E-00	.9136E-00	.9139E-00	.9147E-00	.9160E-00	.9179E-00	.9201E-00			
190	.9139E-00	.9129E-00	.9123E-00	.9122E-00	.9123E-00	.9127E-00	.9131E-00	.9134E-00	.9136E-00	.9138E-00	.9147E-00	.9160E-00	.9179E-00	.9200E-00			
200.	.9139E-00	.9129E-00	.9123E-00	.9122E-00	.9123E-00	.9127E-00	.9131E-00	.9135E-00	.9136E-00	.9138E-00	.9147E-00	.9160E-00	.9179E-00	.9200E-00			
210.	.9139E-00	.9129E-00	.9123E-00	.9122E-00	.9124E-00	.9127E-00	.9131E-00	.9135E-00	.9137E-00	.9139E-00	.9147E-00	.9161E-00	.9179E-00	.9201E-00			
220	.9139E-00	.9130E-00	.9124E-00	.9123E-00	.9125E-00	.9129E-00	.9133E-00	.9137E-00	.9139E-00	.9141E-00	.9149E-00	.9161E-00	.9181E-00	.9202E-00			
230.	.9140E-00	.9131E-00	.9127E-00	.9126E-00	.9128E-00	.9133E-00	.9138F-00	.9141E-00	.9143E-00	.9145E-00	.9153E-00	.9166E-00	.9184E-00	.9205E-00			
240.	.9141E-00	.9133E-00	.9130E-00	.9131E-00	.9134E-00	.9139E-00	.9145E-00	.9149E-00	.9150E-00	.9153E-00	.9160E-00	.9173E-00	.9190E-00	.9210E-00			
250	.9143E-00	.9137E-00	.9135E-00	.9138E-00	.9142E-00	.9149E-00	.9155E-00	.9159E-00	.9161E-00	.9163E-00	.9170E-00	.9182E-00	.9198E-00	.9217E-00			
260.	.9145E-00	.9142E-00	.9142E-00	.9147E-00	.9153E-00	.9161E-00	.9168E-00	.9173E-00	.9175E-00	.9177E-00	.9184E-00	.9194E-00	.9209E-00	.9226E-00			
270.	.9148E-00	.9148E-00	.9151E-00	.9158E-00	.9166E-00	.9176E-00	.9184E-00	.9190E-00	.9192E-00	.9194E-00	.9200E-00	.9209E-00	.9222E-00	.9237E-00			
280.	.9152E-00	.9154E-00	.9161E-00	.9170E-00	.9181E-00	.9193E-00	.9202E-00	.9209E-00	.9211E-00	.9213E-00	.9216E-00	.9226E-00	.9237E-00	.9250E-00			
290.	.9155E-00	.9161E-00	.9171E-00	.9184E-00	.9197E-00	.9210E-00	.922?E-00	.9229E-00	.9231E-00	.9233E-00	.9237E-00	.9244E-00	.9253E-00	.9263E-00			
300.	.9159E-00	.9169E-00	.9182E-00	.9197E-00	.9213E-00	.9228E-00	.924?E-00	.9249E-00	.9251E-00	.9253E-00	.9256E-00	.9262E-00	.9269E-00	.9277E-00			
310.	.9163E-00	.9176E-00	.9192E-00	.9210E-00	229E-00	.9245E-00	.9258E-00	.9267E-00	.9270E-00	.9271E-00	.9274E-00	.9279E-00	.9285E-00	.9290E-00			
320	.9166E-00	.9182E-00	.9201E-00	.9222E-00	.9242E-00	.9260E-00	.9275E-00	.9284E-00	.9287E-00	.9288E-00	.9290E-00	.9294E-00	.9298E-00	.9302E-00			
330.	.9169E-00	.9188E-00	.9209E-00	.9232E-00	.9253E-00	.9273E-00	.9288E-00	.9298E-00	.9301E-00	.9302E-00	.9304E-00	.9307E-00	.9310E-00	.9311E 00			
340.	.9171E-00	.9192E-00	.9215E-00	.9239E-00	.9262E-00	.9282E-00	.9298E-00	.9308E-00	.9311E-00	.9312E-00	.9314E-00	.9316E-00	.9318E-00	.9319E-00			
350.	.9172E-00	.9194E-00	.9219E-00	.9243E-00	.9267E-00	.9288E-00	.9304E-00	.9314E-00	.9318E-00	.9319E-00	.9320E-00	.9322E-00	.9323E-00	.9323E-00			

Number of Data Values 612

Mean Value 9.1E-01

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE (MM DD YYYY): 1 1 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 200.0
F10: 250.00 F10B: 250.00 GI: 400.00 (1-KP OR 2-AP): 2

LON (-WEST, +EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0	.4513E-09	.4536E-09	.4559E-09	.4578E-09	.4595E-09	.4608E-09	.4618E-09	.4624E-09	.4626E-09	.4624E-09	.4618E-09	.4608E-09	.4595E-09	.4578E-09	.4558E-09	.4536E-09	.4512E-09
10	.4512E-09	.4536E-09	.4558E-09	.4577E-09	.4594E-09	.4607E-09	.4617E-09	.4623E-09	.4625E-09	.4623E-09	.4617E-09	.4607E-09	.4594E-09	.4577E-09	.4557E-09	.4536E-09	.4512E-09
20	.4511E-09	.4533E-09	.4548E-09	.4573E-09	.4588E-09	.4601E-09	.4611E-09	.4616E-09	.4618E-09	.4616E-09	.4611E-09	.4601E-09	.4588E-09	.4572E-09	.4554E-09	.4533E-09	.4510E-09
30	.4508E-09	.4529E-09	.4548E-09	.4565E-09	.4580E-09	.4591E-09	.4600E-09	.4606E-09	.4608E-09	.4606E-09	.4600E-09	.4591E-09	.4579E-09	.4565E-09	.4547E-09	.4528E-09	.4508E-09
40	.4505E-09	.4523E-09	.4539E-09	.4554E-09	.4567E-09	.4578E-09	.4586E-09	.4591E-09	.4593E-09	.4591E-09	.4586E-09	.4578E-09	.4567E-09	.4554E-09	.4539E-09	.4522E-09	.4505E-09
50	.4501E-09	.4515E-09	.4529E-09	.4542E-09	.4553E-09	.4562E-09	.4569E-09	.4574E-09	.4575E-09	.4573E-09	.4569E-09	.4562E-09	.4553E-09	.4541E-09	.4529E-09	.4515E-09	.4501E-09
60	.4497E-09	.4507E-09	.4517E-09	.4527E-09	.4536E-09	.4543E-09	.4549E-09	.4553E-09	.4555E-09	.4553E-09	.4549E-09	.4543E-09	.4536E-09	.4527E-09	.4517E-09	.4507E-09	.4497E-09
70	.4493E-09	.4499E-09	.4505E-09	.4511E-09	.4518E-09	.4523E-09	.4528E-09	.4531E-09	.4532E-09	.4531E-09	.4528E-09	.4523E-09	.4517E-09	.4511E-09	.4505E-09	.4498E-09	.4492E-09
80	.4488E-09	.4490E-09	.4492E-09	.4495E-09	.4499E-09	.4501E-09	.4505E-09	.4506E-09	.4506E-09	.4506E-09	.4505E-09	.4502E-09	.4498E-09	.4495E-09	.4492E-09	.4489E-09	.4488E-09
90	.4484E-09	.4481E-09	.4479E-09	.4479E-09	.4479E-09	.4481E-09	.4482E-09	.4484E-09	.4484E-09	.4484E-09	.4482E-09	.4481E-09	.4479E-09	.4479E-09	.4479E-09	.4481E-09	.4483E-09
100	.4479E-09	.4472E-09	.4467E-09	.4463E-09	.4461E-09	.4460E-09	.4460E-09	.4460E-09	.4461E-09	.4460E-09	.4460E-09	.4460E-09	.4463E-09	.4467E-09	.4472E-09	.4479E-09	.4486E-09
110	.4475E-09	.4465E-09	.4455E-09	.4448E-09	.4443E-09	.4440E-09	.4438E-09	.4438E-09	.4438E-09	.4438E-09	.4438E-09	.4440E-09	.4443E-09	.4448E-09	.4455E-09	.4464E-09	.4475E-09
120	.4472E-09	.4458E-09	.4445E-09	.4435E-09	.4427E-09	.4422E-09	.4419E-09	.4418E-09	.4418E-09	.4418E-09	.4419E-09	.4422E-09	.4427E-09	.4435E-09	.4445E-09	.4457E-09	.4472E-09
130	.4469E-09	.4452E-09	.4436E-09	.4423E-09	.4413E-09	.4406E-09	.4402E-09	.4400E-09	.4400E-09	.4400E-09	.4402E-09	.4406E-09	.4413E-09	.4423E-09	.4436E-09	.4451E-09	.4469E-09
140	.4467E-09	.4447E-09	.4429E-09	.4414E-09	.4402E-09	.4393E-09	.4388E-09	.4385E-09	.4385E-09	.4385E-09	.4388E-09	.4393E-09	.4402E-09	.4414E-09	.4429E-09	.4447E-09	.4467E-09
150	.4465E-09	.4443E-09	.4424E-09	.4407E-09	.4393E-09	.4383E-09	.4377E-09	.4374E-09	.4373E-09	.4374E-09	.4377E-09	.4383E-09	.4393E-09	.4406E-09	.4423E-09	.4443E-09	.4465E-09
160	.4464E-09	.4441E-09	.4420E-09	.4402E-09	.4387E-09	.4376E-09	.4369E-09	.4366E-09	.4365E-09	.4366E-09	.4369E-09	.4376E-09	.4387E-09	.4401E-09	.4420E-09	.4441E-09	.4463E-09
170	.4463E-09	.4439E-09	.4418E-09	.4399E-09	.4383E-09	.4372E-09	.4365E-09	.4361E-09	.4361E-09	.4361E-09	.4365E-09	.4372E-09	.4383E-09	.4398E-09	.4417E-09	.4439E-09	.4463E-09
180	.4463E-09	.4439E-09	.4416E-09	.4397E-09	.4382E-09	.4370E-09	.4363E-09	.4359E-09	.4358E-09	.4359E-09	.4363E-09	.4370E-09	.4382E-09	.4397E-09	.4416E-09	.4438E-09	.4462E-09
190	.4463E-09	.4438E-09	.4416E-09	.4397E-09	.4381E-09	.4370E-09	.4362E-09	.4359E-09	.4358E-09	.4359E-09	.4362E-09	.4370E-09	.4381E-09	.4397E-09	.4416E-09	.4438E-09	.4462E-09
200	.4463E-09	.4438E-09	.4416E-09	.4397E-09	.4381E-09	.4370E-09	.4362E-09	.4359E-09	.4358E-09	.4359E-09	.4362E-09	.4370E-09	.4381E-09	.4397E-09	.4416E-09	.4438E-09	.4462E-09
210	.4463E-09	.4439E-09	.4417E-09	.4398E-09	.4382E-09	.4371E-09	.4363E-09	.4360E-09	.4359E-09	.4360E-09	.4363E-09	.4370E-09	.4382E-09	.4397E-09	.4416E-09	.4438E-09	.4462E-09
220	.4463E-09	.4440E-09	.4418E-09	.4400E-09	.4384E-09	.4373E-09	.4366E-09	.4363E-09	.4362E-09	.4363E-09	.4366E-09	.4373E-09	.4384E-09	.4399E-09	.4418E-09	.4440E-09	.4463E-09
230	.4464E-09	.4442E-09	.4422E-09	.4404E-09	.4390E-09	.4379E-09	.4373E-09	.4370E-09	.4369E-09	.4370E-09	.4373E-09	.4379E-09	.4390E-09	.4404E-09	.4421E-09	.4442E-09	.4464E-09
240	.4466E-09	.4446E-09	.4427E-09	.4411E-09	.4398E-09	.4389E-09	.4383E-09	.4381E-09	.4381E-09	.4381E-09	.4384E-09	.4389E-09	.4398E-09	.4411E-09	.4427E-09	.4445E-09	.4466E-09
250	.4469E-09	.4451E-09	.4435E-09	.4422E-09	.4411E-09	.4404E-09	.4399E-09	.4397E-09	.4397E-09	.4397E-09	.4399E-09	.4404E-09	.4411E-09	.4421E-09	.4435E-09	.4451E-09	.4468E-09
260	.4472E-09	.4458E-09	.4446E-09	.4435E-09	.4428E-09	.4423E-09	.4420E-09	.4419E-09	.4419E-09	.4419E-09	.4420E-09	.4423E-09	.4428E-09	.4435E-09	.4445E-09	.4458E-09	.4472E-09
270	.4477E-09	.4467E-09	.4459E-09	.4452E-09	.4448E-09	.4445E-09	.4444E-09	.4444E-09	.4444E-09	.4444E-09	.4445E-09	.4448E-09	.4452E-09	.4458E-09	.4466E-09	.4476E-09	.4486E-09
280	.4481E-09	.4477E-09	.4473E-09	.4471E-09	.4470E-09	.4470E-09	.4471E-09	.4472E-09	.4473E-09	.4472E-09	.4471E-09	.4470E-09	.4470E-09	.4471E-09	.4473E-09	.4476E-09	.4481E-09
290	.4487E-09	.4487E-09	.4489E-09	.4491E-09	.4493E-09	.4496E-09	.4499E-09	.4501E-09	.4502E-09	.4501E-09	.4499E-09	.4496E-09	.4493E-09	.4491E-09	.4488E-09	.4487E-09	.4487E-09
300	.4492E-09	.4498E-09	.4504E-09	.4511E-09	.4517E-09	.4522E-09	.4527E-09	.4530E-09	.4531E-09	.4530E-09	.4527E-09	.4522E-09	.4517E-09	.4510E-09	.4504E-09	.4498E-09	.4492E-09
310	.4498E-09	.4508E-09	.4519E-09	.4529E-09	.4538E-09	.4546E-09	.4552E-09	.4556E-09	.4558E-09	.4556E-09	.4552E-09	.4546E-09	.4538E-09	.4529E-09	.4519E-09	.4506E-09	.4497E-09
320	.4503E-09	.4518E-09	.4532E-09	.4546E-09	.4557E-09	.4567E-09	.4575E-09	.4579E-09	.4581E-09	.4579E-09	.4574E-09	.4567E-09	.4557E-09	.4545E-09	.4532E-09	.4517E-09	.4502E-09
330	.4507E-09	.4525E-09	.4543E-09	.4559E-09	.4573E-09	.4584E-09	.4593E-09	.4598E-09	.4600E-09	.4598E-09	.4593E-09	.4584E-09	.4573E-09	.4559E-09	.4543E-09	.4525E-09	.4506E-09
340	.4510E-09	.4531E-09	.4551E-09	.4569E-09	.4585E-09	.4597E-09	.4606E-09	.4612E-09	.4614E-09	.4612E-09	.4606E-09	.4597E-09	.4585E-09	.4569E-09	.4551E-09	.4531E-09	.4510E-09
350	.4512E-09	.4535E-09	.4556E-09	.4576E-09	.4592E-09	.4605E-09	.4615E-09	.4621E-09	.4623E-09	.4621E-09	.4615E-09	.4605E-09	.4592E-09	.4575E-09	.4556E-09	.4535E-09	.4511E-09

90. -90.

Number of Data Values: 612

Mean Value .4478E-09

.4487E-09 .4488F-09

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE MAR 21 1970 JULIAN. 2440667. TIME: 1400Z ALTITUDE(KM). 230.0
F10 230.0 F10B 230.00 GI. 400.00 (1-KP OR 2-AP): 2

LON (-WEST, +EAST)	-80.	-70.	(-SOUTH) LATITUDES (+NORTH) -60	-50	-40	-30	-20.	-10.	0	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30	40	50	60.	70.	80.
0	.2320E-09	.2339E-09	.2358E-09	.2374E-09	.2387E-09	.2398E-09	.2406E-09	.2411E-09	.2412E-09	.2411E-09	.2406E-09	.2398E-09	.2387E-09	.2373E-09	.2357E-09	.2339E-09	.2320E-09
10	.2319E-09	.2339E-09	.2357E-09	.2373E-09	.2386E-09	.2397E-09	.2405E-09	.2410E-09	.2411E-09	.2410E-09	.2405E-09	.2397E-09	.2386E-09	.2373E-09	.2357E-09	.2339E-09	.2319E-09
20	.2318E-09	.2338E-09	.2356E-09	.2372E-09	.2385E-09	.2396E-09	.2404E-09	.2409E-09	.2410E-09	.2409E-09	.2404E-09	.2396E-09	.2385E-09	.2372E-09	.2356E-09	.2338E-09	.2318E-09
30	.2316E-09	.2337E-09	.2355E-09	.2371E-09	.2384E-09	.2395E-09	.2403E-09	.2408E-09	.2409E-09	.2408E-09	.2403E-09	.2395E-09	.2384E-09	.2371E-09	.2355E-09	.2337E-09	.2316E-09
40	.2314E-09	.2336E-09	.2354E-09	.2370E-09	.2383E-09	.2394E-09	.2402E-09	.2407E-09	.2408E-09	.2407E-09	.2402E-09	.2394E-09	.2383E-09	.2370E-09	.2354E-09	.2336E-09	.2314E-09
50	.2311E-09	.2332E-09	.2353E-09	.2369E-09	.2382E-09	.2393E-09	.2401E-09	.2406E-09	.2407E-09	.2406E-09	.2401E-09	.2393E-09	.2382E-09	.2369E-09	.2353E-09	.2334E-09	.2311E-09
60	.2307E-09	.2329E-09	.2349E-09	.2366E-09	.2379E-09	.2390E-09	.2398E-09	.2403E-09	.2404E-09	.2403E-09	.2398E-09	.2390E-09	.2379E-09	.2366E-09	.2349E-09	.2329E-09	.2307E-09
70	.2303E-09	.2324E-09	.2345E-09	.2361E-09	.2374E-09	.2385E-09	.2393E-09	.2398E-09	.2399E-09	.2398E-09	.2393E-09	.2385E-09	.2374E-09	.2361E-09	.2345E-09	.2325E-09	.2303E-09
80	.2300E-09	.2321E-09	.2340E-09	.2356E-09	.2369E-09	.2380E-09	.2388E-09	.2393E-09	.2394E-09	.2393E-09	.2388E-09	.2380E-09	.2369E-09	.2356E-09	.2340E-09	.2321E-09	.2300E-09
90	.2296E-09	.2294E-09	.2292E-09	.2292E-09	.2293E-09	.2294E-09	.2295E-09	.2296E-09	.2297E-09	.2296E-09	.2295E-09	.2294E-09	.2292E-09	.2292E-09	.2292E-09	.2294E-09	.2296E-09
100	.2293E-09	.2287E-09	.2282E-09	.2279E-09	.2277E-09	.2276E-09	.2276E-09	.2277E-09	.2277E-09	.2277E-09	.2276E-09	.2276E-09	.2277E-09	.2279E-09	.2282E-09	.2287E-09	.2292E-09
110	.2289E-09	.2280E-09	.2273E-09	.2267E-09	.2263E-09	.2260E-09	.2259E-09	.2259E-09	.2259E-09	.2259E-09	.2260E-09	.2263E-09	.2267E-09	.2273E-09	.2280E-09	.2289E-09	
120	.2287E-09	.2275E-09	.2264E-09	.2256E-09	.2250E-09	.2245E-09	.2243E-09	.2242E-09	.2242E-09	.2242E-09	.2243E-09	.2245E-09	.2250E-09	.2256E-09	.2264E-09	.2275E-09	.2286E-09
130	.2284E-09	.2270E-09	.2257E-09	.2247E-09	.2238E-09	.2233E-09	.2229E-09	.2228E-09	.2227E-09	.2228E-09	.2229E-09	.2232E-09	.2238E-09	.2246E-09	.2257E-09	.2270E-09	.2284E-09
140	.2282E-09	.2266E-09	.2251E-09	.2239E-09	.2229E-09	.2222E-09	.2218E-09	.2216E-09	.2215E-09	.2216E-09	.2218E-09	.2222E-09	.2229E-09	.2239E-09	.2251E-09	.2266E-09	.2282E-09
150	.2281E-09	.2263E-09	.2247E-09	.2233E-09	.2222E-09	.2214E-09	.2209E-09	.2207E-09	.2206E-09	.2207E-09	.2209E-09	.2214E-09	.2222E-09	.2233E-09	.2247E-09	.2263E-09	.2281E-09
160	.2280E-09	.2261E-09	.2244E-09	.2229E-09	.2217E-09	.2208E-09	.2203E-09	.2200E-09	.2200E-09	.2200E-09	.2203E-09	.2208E-09	.2217E-09	.2229E-09	.2244E-09	.2261E-09	.2280E-09
170	.2279E-09	.2260E-09	.2242E-09	.2227E-09	.2214E-09	.2205E-09	.2199E-09	.2196E-09	.2196E-09	.2196E-09	.2199E-09	.2205E-09	.2214E-09	.2226E-09	.2242E-09	.2260E-09	.2279E-09
180	.2279E-09	.2259E-09	.2241E-09	.2225E-09	.2213E-09	.2203E-09	.2197E-09	.2195E-09	.2194E-09	.2195E-09	.2197E-09	.2203E-09	.2213E-09	.2225E-09	.2241E-09	.2259E-09	.2279E-09
190	.2279E-09	.2259E-09	.2241E-09	.2225E-09	.2212E-09	.2203E-09	.2197E-09	.2194E-09	.2194E-09	.2194E-09	.2197E-09	.2203E-09	.2212E-09	.2225E-09	.2241E-09	.2259E-09	.2279E-09
200	.2279E-09	.2259E-09	.2241E-09	.2225E-09	.2212E-09	.2203E-09	.2197E-09	.2194E-09	.2194E-09	.2194E-09	.2197E-09	.2203E-09	.2212E-09	.2225E-09	.2241E-09	.2259E-09	.2279E-09
210	.2279E-09	.2259E-09	.2241E-09	.2226E-09	.2213E-09	.2204E-09	.2198E-09	.2195E-09	.2194E-09	.2195E-09	.2198E-09	.2204E-09	.2213E-09	.2226E-09	.2241E-09	.2259E-09	.2279E-09
220	.2279E-09	.2260E-09	.2243E-09	.2227E-09	.2215E-09	.2206E-09	.2200E-09	.2198E-09	.2197E-09	.2198E-09	.2200E-09	.2206E-09	.2215E-09	.2227E-09	.2242E-09	.2260E-09	.2279E-09
230	.2280E-09	.2262E-09	.2245E-09	.2231E-09	.2219E-09	.2211E-09	.2206E-09	.2203E-09	.2203E-09	.2203E-09	.2206E-09	.2211E-09	.2219E-09	.2231E-09	.2245E-09	.2262E-09	.2280E-09
240	.2282E-09	.2265E-09	.2250E-09	.2237E-09	.2226E-09	.2219E-09	.2214E-09	.2212E-09	.2212E-09	.2212E-09	.2214E-09	.2219E-09	.2226E-09	.2237E-09	.2250E-09	.2265E-09	.2281E-09
250	.2284E-09	.2269E-09	.2256E-09	.2245E-09	.2237E-09	.2231E-09	.2227E-09	.2226E-09	.2225E-09	.2226E-09	.2227E-09	.2231E-09	.2237E-09	.2245E-09	.2256E-09	.2269E-09	.2284E-09
260	.2287E-09	.2275E-09	.2265E-09	.2257E-09	.2250E-09	.2246E-09	.2244E-09	.2243E-09	.2243E-09	.2243E-09	.2244E-09	.2246E-09	.2250E-09	.2256E-09	.2265E-09	.2275E-09	.2286E-09
270	.2290E-09	.2282E-09	.2275E-09	.2270E-09	.2267E-09	.2265E-09	.2264E-09	.2264E-09	.2264E-09	.2264E-09	.2264E-09	.2264E-09	.2267E-09	.2270E-09	.2275E-09	.2282E-09	.2290E-09
280	.2294E-09	.2290E-09	.2287E-09	.2286E-09	.2285E-09	.2285E-09	.2286E-09	.2287E-09	.2287E-09	.2286E-09	.2285E-09	.2285E-09	.2285E-09	.2287E-09	.2290E-09	.2294E-09	.2299E-09
290	.2299E-09	.2299E-09	.2300E-09	.2302E-09	.2304E-09	.2307E-09	.2309E-09	.2311E-09	.2311E-09	.2311E-09	.2309E-09	.2306E-09	.2304E-09	.2302E-09	.2300E-09	.2299E-09	.2299E-09
300	.2303E-09	.2308E-09	.2313E-09	.2318E-09	.2323E-09	.2328E-09	.2331E-09	.2334E-09	.2335E-09	.2334E-09	.2331E-09	.2328E-09	.2323E-09	.2318E-09	.2313E-09	.2308E-09	.2303E-09
310	.2308E-09	.2316E-09	.2325E-09	.2333E-09	.2341E-09	.2347E-09	.2352E-09	.2355E-09	.2357E-09	.2355E-09	.2352E-09	.2347E-09	.2341E-09	.2333E-09	.2325E-09	.2316E-09	.2307E-09
320	.2312E-09	.2324E-09	.2336E-09	.2347E-09	.2356E-09	.2364E-09	.2371E-09	.2374E-09	.2376E-09	.2374E-09	.2370E-09	.2364E-09	.2356E-09	.2347E-09	.2336E-09	.2324E-09	.2311E-09
330	.2315E-09	.2330E-09	.2345E-09	.2358E-09	.2369E-09	.2379E-09	.2385E-09	.2390E-09	.2391E-09	.2390E-09	.2385E-09	.2378E-09	.2369E-09	.2358E-09	.2345E-09	.2330E-09	.2315E-09
340	.2317E-09	.2335E-09	.2352E-09	.2366E-09	.2379E-09	.2389E-09	.2396E-09	.2401E-09	.2402E-09	.2401E-09	.2396E-09	.2389E-09	.2379E-09	.2366E-09	.2351E-09	.2335E-09	.2317E-09
350	.2319E-09	.2338E-09	.2356E-09	.2371E-09	.2385E-09	.2395E-09	.2403E-09	.2408E-09	.2410E-09	.2408E-09	.2403E-09	.2395E-09	.2385E-09	.2371E-09	.2356E-09	.2338E-09	.2319E-09

Number of Data Values: 612

Mean Value: .2292E-09

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 250.0
F10: 230.00 F10B: 230.00 GI: 400.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	-80.	-70.	(-SOUTH) LATITUDES (+NORTH) -60.	-50.	-40	-30.	-20.	-10	0	(-SOUTH) LATITUDES (+NORTH) 10	20.	30	40	50	60	70	80
0.	.1599E-09	.1617E-09	.1634E-09	.1649E-09	.1662E-09	.1672E-09	.1679E-09	.1684E-09	.1685E-09	.1684E-09	.1679E-09	.1672E-09	.1662E-09	.1649E-09	.1634E-09	.1617E-09	.1599E-09
10.	.1599E-09	.1617E-09	.1633E-09	.1648E-09	.1661E-09	.1671E-09	.1678E-09	.1682E-09	.1684E-09	.1682E-09	.1678E-09	.1671E-09	.1661E-09	.1648E-09	.1633E-09	.1617E-09	.1599E-09
20.	.1598E-09	.1615E-09	.1631E-09	.1645E-09	.1657E-09	.1666E-09	.1673E-09	.1678E-09	.1679E-09	.1678E-09	.1673E-09	.1666E-09	.1657E-09	.1645E-09	.1631E-09	.1615E-09	.1598E-09
30.	.1596E-09	.1612E-09	.1626E-09	.1639E-09	.1650E-09	.1659E-09	.1666E-09	.1670E-09	.1671E-09	.1670E-09	.1666E-09	.1659E-09	.1650E-09	.1639E-09	.1626E-09	.1611E-09	.1596E-09
40.	.1594E-09	.1607E-09	.1619E-09	.1631E-09	.1641E-09	.1649E-09	.1655E-09	.1659E-09	.1660E-09	.1659E-09	.1655E-09	.1649E-09	.1641E-09	.1631E-09	.1619E-09	.1607E-09	.1594E-09
50.	.1591E-09	.1602E-09	.1612E-09	.1621E-09	.1630E-09	.1637E-09	.1642E-09	.1645E-09	.1647E-09	.1645E-09	.1642E-09	.1637E-09	.1630E-09	.1621E-09	.1612E-09	.1601E-09	.1591E-09
60.	.1588E-09	.1595E-09	.1603E-09	.1610E-09	.1617E-09	.1623E-09	.1627E-09	.1630E-09	.1631E-09	.1630E-09	.1627E-09	.1623E-09	.1617E-09	.1610E-09	.1603E-09	.1595E-09	.1588E-09
70.	.1585E-09	.1589E-09	.1594E-09	.1599E-09	.1603E-09	.1606E-09	.1611E-09	.1613E-09	.1614E-09	.1613E-09	.1611E-09	.1607E-09	.1603E-09	.1598E-09	.1594E-09	.1589E-09	.1584E-09
80.	.1581E-09	.1582E-09	.1584E-09	.1586E-09	.1589E-09	.1592E-09	.1594E-09	.1596E-09	.1596E-09	.1596E-09	.1594E-09	.1592E-09	.1589E-09	.1586E-09	.1584E-09	.1582E-09	.1581E-09
90.	.1578E-09	.1576E-09	.1575E-09	.1574E-09	.1575E-09	.1576E-09	.1577E-09	.1578E-09	.1578E-09	.1578E-09	.1577E-09	.1576E-09	.1575E-09	.1574E-09	.1574E-09	.1576E-09	.1578E-09
100.	.1575E-09	.1569E-09	.1565E-09	.1563E-09	.1561E-09	.1560E-09	.1560E-09	.1561E-09	.1561E-09	.1561E-09	.1560E-09	.1560E-09	.1561E-09	.1562E-09	.1565E-09	.1569E-09	.1574E-09
110.	.1572E-09	.1564E-09	.1557E-09	.1552E-09	.1548E-09	.1545E-09	.1544E-09	.1544E-09	.1544E-09	.1544E-09	.1544E-09	.1545E-09	.1548E-09	.1551E-09	.1557E-09	.1564E-09	.1572E-09
120.	.1569E-09	.1559E-09	.1549E-09	.1542E-09	.1536E-09	.1532E-09	.1530E-09	.1529E-09	.1529E-09	.1529E-09	.1530E-09	.1532E-09	.1536E-09	.1542E-09	.1549E-09	.1558E-09	.1569E-09
130.	.1567E-09	.1554E-09	.1543E-09	.1533E-09	.1526E-09	.1521E-09	.1518E-09	.1516E-09	.1516E-09	.1516E-09	.1517E-09	.1520E-09	.1526E-09	.1533E-09	.1543E-09	.1554E-09	.1567E-09
140.	.1566E-09	.1551E-09	.1537E-09	.1526E-09	.1517E-09	.1511E-09	.1507E-09	.1506E-09	.1505E-09	.1506E-09	.1507E-09	.1511E-09	.1517E-09	.1526E-09	.1537E-09	.1550E-09	.1565E-09
150.	.1564E-09	.1548E-09	.1533E-09	.1521E-09	.1511E-09	.1504E-09	.1500E-09	.1497E-09	.1497E-09	.1497E-09	.1499E-09	.1504E-09	.1511E-09	.1521E-09	.1533E-09	.1548E-09	.1564E-09
160.	.1563E-09	.1546E-09	.1531E-09	.1517E-09	.1507E-09	.1499E-09	.1494E-09	.1492E-09	.1491E-09	.1492E-09	.1494E-09	.1499E-09	.1507E-09	.1517E-09	.1531E-09	.1546E-09	.1563E-09
170.	.1563E-09	.1545E-09	.1529E-09	.1515E-09	.1504E-09	.1496E-09	.1491E-09	.1488E-09	.1488E-09	.1488E-09	.1491E-09	.1496E-09	.1504E-09	.1515E-09	.1529E-09	.1545E-09	.1562E-09
180.	.1562E-09	.1545E-09	.1528E-09	.1514E-09	.1503E-09	.1495E-09	.1489E-09	.1487E-09	.1486E-09	.1487E-09	.1489E-09	.1495E-09	.1503E-09	.1514E-09	.1528E-09	.1544E-09	.1562E-09
190.	.1562E-09	.1544E-09	.1528E-09	.1514E-09	.1503E-09	.1494E-09	.1489E-09	.1486E-09	.1486E-09	.1486E-09	.1489E-09	.1494E-09	.1503E-09	.1514E-09	.1528E-09	.1544E-09	.1562E-09
200.	.1562E-09	.1544E-09	.1528E-09	.1514E-09	.1503E-09	.1494E-09	.1489E-09	.1486E-09	.1486E-09	.1486E-09	.1489E-09	.1494E-09	.1503E-09	.1514E-09	.1528E-09	.1544E-09	.1562E-09
210.	.1562E-09	.1545E-09	.1528E-09	.1514E-09	.1503E-09	.1495E-09	.1490E-09	.1487E-09	.1487E-09	.1487E-09	.1490E-09	.1495E-09	.1503E-09	.1514E-09	.1528E-09	.1544E-09	.1562E-09
220.	.1563E-09	.1545E-09	.1530E-09	.1516E-09	.1505E-09	.1497E-09	.1492E-09	.1489E-09	.1489E-09	.1489E-09	.1492E-09	.1497E-09	.1505E-09	.1516E-09	.1530E-09	.1545E-09	.1562E-09
230.	.1563E-09	.1547E-09	.1532E-09	.1519E-09	.1509E-09	.1501E-09	.1497E-09	.1494E-09	.1494E-09	.1494E-09	.1497E-09	.1501E-09	.1509E-09	.1519E-09	.1532E-09	.1547E-09	.1563E-09
240.	.1565E-09	.1550E-09	.1536E-09	.1524E-09	.1515E-09	.1508E-09	.1504E-09	.1503E-09	.1502E-09	.1503E-09	.1504E-09	.1508E-09	.1515E-09	.1524E-09	.1536E-09	.1549E-09	.1565E-09
250.	.1567E-09	.1554E-09	.1542E-09	.1532E-09	.1524E-09	.1519E-09	.1516E-09	.1514E-09	.1514E-09	.1514E-09	.1516E-09	.1519E-09	.1524E-09	.1532E-09	.1542E-09	.1553E-09	.1567E-09
260.	.1569E-09	.1559E-09	.1550E-09	.1542E-09	.1537E-09	.1533E-09	.1531E-09	.1530E-09	.1530E-09	.1530E-09	.1531E-09	.1533E-09	.1536E-09	.1542E-09	.1550E-09	.1559E-09	.1569E-09
270.	.1573E-09	.1565E-09	.1559E-09	.1555E-09	.1551E-09	.1549E-09	.1549E-09	.1549E-09	.1549E-09	.1549E-09	.1549E-09	.1549E-09	.1551E-09	.1554E-09	.1559E-09	.1565E-09	.1572E-09
280.	.1576E-09	.1573E-09	.1570E-09	.1568E-09	.1568E-09	.1568E-09	.1569E-09	.1569E-09	.1570E-09	.1569E-09	.1568E-09	.1568E-09	.1568E-09	.1568E-09	.1570E-09	.1572E-09	.1576E-09
290.	.1580E-09	.1581E-09	.1582E-09	.1583E-09	.1585E-09	.1587E-09	.1589E-09	.1591E-09	.1592E-09	.1591E-09	.1589E-09	.1587E-09	.1585E-09	.1583E-09	.1582E-09	.1580E-09	.1580E-09
300.	.1584E-09	.1589E-09	.1593E-09	.1598E-09	.1603E-09	.1607E-09	.1610E-09	.1612E-09	.1613E-09	.1612E-09	.1610E-09	.1607E-09	.1602E-09	.1598E-09	.1593E-09	.1588E-09	.1584E-09
310.	.1588E-09	.1596E-09	.1604E-09	.1612E-09	.1619E-09	.1625E-09	.1629E-09	.1632E-09	.1633E-09	.1632E-09	.1629E-09	.1625E-09	.1619E-09	.1612E-09	.1604E-09	.1596E-09	.1588E-09
320.	.1592E-09	.1603E-09	.1614E-09	.1624E-09	.1633E-09	.1641E-09	.1646E-09	.1650E-09	.1651E-09	.1650E-09	.1646E-09	.1640E-09	.1633E-09	.1624E-09	.1614E-09	.1603E-09	.1592E-09
330.	.1595E-09	.1609E-09	.1622E-09	.1635E-09	.1645E-09	.1654E-09	.1660E-09	.1664E-09	.1665E-09	.1664E-09	.1660E-09	.1653E-09	.1645E-09	.1634E-09	.1622E-09	.1609E-09	.1595E-09
340.	.1597E-09	.1613E-09	.1629E-09	.1642E-09	.1654E-09	.1663E-09	.1670E-09	.1674E-09	.1676E-09	.1674E-09	.1670E-09	.1663E-09	.1654E-09	.1642E-09	.1629E-09	.1613E-09	.1597E-09
350.	.1599E-09	.1616E-09	.1633E-09	.1647E-09	.1659E-09	.1669E-09	.1677E-09	.1681E-09	.1682E-09	.1681E-09	.1676E-09	.1669E-09	.1659E-09	.1647E-09	.1633E-09	.1616E-09	.1599E-09

Number of Data Values: 612

Mean Value: .1574E-09

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 275.0
F10: 230.00 F10B: 230.00 GI: 400.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40	50	60	70	80
0.	.1058E-09	.1074E-09	.1089E-09	.1102E-09	.1114E-09	.1123E-09	.1130E-09	.1134E-09	.1135E-09	1 -09	1130E-09	1 -09	1114E-09	1102E-09	1093E-09	1074E-09	1058E-09
10.	.1058E-09	.1074E-09	.1088E-09	.1102E-09	.1113E-09	.1122E-09	.1129E-09	.1133E-09	.1134E-09	1 -09	1129E-09	1 -09	1113E-09	1102E-09	1093E-09	1074E-09	1058E-09
20.	.1057E-09	.1072E-09	.1086E-09	.1099E-09	.1109E-09	.1118E-09	.1125E-09	.1129E-09	.1130E-09	1 -09	1125E-09	1 -09	1109E-09	1098E-09	1072E-09	1057E-09	
30.	.1055E-09	.1069E-09	.1082E-09	.1093E-09	.1103E-09	.1112E-09	.1118E-09	.1121E-09	.1123E-09	1 -09	1118E-09	1 -09	1103E-09	1093E-09	1069E-09	1055E-09	
40.	.1053E-09	.1065E-09	.1076E-09	.1086E-09	.1095E-09	.1102E-09	.1108E-09	.1111E-09	.1112E-09	1 -09	1108E-09	1 -09	1095E-09	1086E-09	1065E-09	1053E-09	
50.	.1051E-09	.1060E-09	.1069E-09	.1077E-09	.1085E-09	.1091E-09	.1096E-09	.1099E-09	.1100E-09	1 -09	1096E-09	1 -09	1085E-09	1077E-09	1060E-09	1051E-09	
60.	.1048E-09	.1054E-09	.1061E-09	.1068E-09	.1074E-09	.1079E-09	.1083E-09	.1085E-09	.1086E-09	1 -09	1083E-09	1 -09	1074E-09	1068E-09	1054E-09	1048E-09	
70.	.1045E-09	.1049E-09	.1053E-09	.1057E-09	.1061E-09	.1065E-09	.1068E-09	.1070E-09	.1071E-09	1 -09	1068E-09	1 -09	1061E-09	1057E-09	1049E-09	1045E-09	
80.	.1042E-09	.1043E-09	.1044E-09	.1046E-09	.1049E-09	.1051E-09	.1053E-09	.1055E-09	.1055E-09	1 -09	1053E-09	1 -09	1049E-09	1046E-09	1043E-09	1042E-09	
90.	.1039E-09	.1037E-09	.1036E-09	.1036E-09	.1036E-09	.1037E-09	.1038E-09	.1039E-09	.1039E-09	1 -09	1038E-09	1 -09	1036E-09	1036E-09	1037E-09	1039E-09	
100.	.1036E-09	.1032E-09	.1028E-09	.1025E-09	.1024E-09	.1023E-09	.1023E-09	.1024E-09	.1024E-09	1 -09	1023E-09	1 -09	1024E-09	1025E-09	1027E-09		
110.	.1034E-09	.1027E-09	.1021E-09	.1016E-09	.1013E-09	.1011E-09	.1010E-09	.1009E-09	.1010E-09	1 -09	1010E-09	1 -09	1013E-09	1016E-09	1026E-09	1034E-09	
120.	.1031E-09	.1022E-09	.1014E-09	.1007E-09	.1002E-09	.9990E-10	.9972E-10	.9965E-10	.9965E-10	.9971E-10	1 -10	1007E-09	1022E-09	1031E-09			
130.	.1029E-09	.1018E-09	.1008E-09	.1000E-09	.9936E-10	.9891E-10	.9865E-10	.9854E-10	.9852E-10	.9864E-10	1 -10	9999E-10	1015E-09	1028E-09			
140.	.1028E-09	.1015E-09	.1004E-09	.9940E-10	.9865E-10	.9810E-10	.9777E-10	.9762E-10	.9760E-10	.9777E-10	1 -10	9939E-10	1013E-09	1027E-09			
150.	.1027E-09	.1013E-09	.1000E-09	.9895E-10	.9810E-10	.9749E-10	.9711E-10	.9693E-10	.9689E-10	.9710E-10	1 -10	9894E-10	1011E-09	1026E-09			
160	.1026E-09	.1011E-09	.9978E-10	.9864E-10	.9773E-10	.9706E-10	.9665E-10	.9645E-10	.9641E-10	.9664E-10	1 -10	9863E-10	1011E-09	1025E-09			
170.	.1025E-09	.1010E-09	.9964E-10	.9845E-10	.9750E-10	.9681E-10	.9637E-10	.9616E-10	.9612E-10	.9637E-10	1 -10	9844E-10	1010E-09	1025E-09			
180.	.1025E-09	.1010E-09	.9958E-10	.9837E-10	.9740E-10	.9669E-10	.9625E-10	.9603E-10	.9598E-10	.9624E-10	1 -10	9836E-10	1010E-09	1025E-09			
190.	.1025E-09	.1010E-09	.9956E-10	.9835E-10	.9738E-10	.9667E-10	.9622E-10	.9600E-10	.9595E-10	.9621E-10	1 -10	9834E-10	1010E-09	1025E-09			
200.	.1025E-09	.1010E-09	.9956E-10	.9835E-10	.9738E-10	.9667E-10	.9622E-10	.9600E-10	.9595E-10	.9621E-10	1 -10	9834E-10	1010E-09	1025E-09			
210.	.1025E-09	.1010E-09	.9959E-10	.9839E-10	.9742E-10	.9672E-10	.9627E-10	.9606E-10	.9601E-10	.9627E-10	1 -10	9837E-10	1010E-09	1025E-09			
220.	.1026E-09	.1011E-09	.9969E-10	.9851E-10	.9757E-10	.9689E-10	.9646E-10	.9625E-10	.9621E-10	.9646E-10	1 -10	9850E-10	1010E-09	1025E-09			
230	.1026E-09	.1012E-09	.9989E-10	.9878E-10	.9790E-10	.9726E-10	.9686E-10	.9667E-10	.9663E-10	.9685E-10	1 -10	9877E-10	1012E-09	1026E-09			
240.	.1027E-09	.1014E-09	.1002E-09	.9924E-10	.9844E-10	.9788E-10	.9753E-10	.9737E-10	.9734E-10	.9752E-10	1 -10	9922E-10	1014E-09	1027E-09			
250.	.1029E-09	.1018E-09	.1008E-09	.9990E-10	.9924E-10	.9878E-10	.9850E-10	.9838E-10	.9836E-10	.9850E-10	1 -10	9889E-10	1018E-09	1029E-09			
260.	.1031E-09	.1022E-09	.1014E-09	.1008E-09	.1003E-09	.9996E-10	.9978E-10	.9972E-10	.9972E-10	.9978E-10	1 -10	1008E-09	1022E-09	1031E-09			
270.	.1034E-09	.1028E-09	023E-09	.1018E-09	.1016E-09	.1014E-09	.1013E-09	.1013E-09	.1013E-09	1 -09	.1013E-09	1 -09	1016E-09	1028E-09	1034E-09		
280.	.1038E-09	.1034E-09	.1032E-09	.1031E-09	.1030E-09	.1030E-09	.1031E-09	.1031E-09	.1032E-09	1 -09	.1031E-09	1 -09	1034E-09	1037E-09			
290.	.1041E-09	.1041E-09	.1042E-09	.1044E-09	.1045E-09	.1047E-09	.1049E-09	.1051E-09	.1051E-09	.1049E-09	1 -09	1041E-09	1041E-09				
300.	.1045E-09	.1048E-09	.1052E-09	.1057E-09	.1061E-09	.1064E-09	.1068E-09	.1070E-09	.1070E-09	.1067E-09	1 -09	1057E-09	1045E-09				
310.	.1048E-09	.1055E-09	.1062E-09	.1069E-09	.1075E-09	.1081E-09	.1085E-09	.1087E-09	.1088E-09	.1085E-09	1 -09	1069E-09	1055E-09	1048E-09			
320.	.1051E-09	.1061E-09	.1071E-09	.1080E-09	.1088E-09	.1095E-09	.1100E-09	.1103E-09	.1104E-09	.1100E-09	1 -09	1080E-09	1061E-09	1051E-09			
330.	.1054E-09	.1067E-09	.1079E-09	.1089E-09	.1099E-09	.1107E-09	.1112E-09	.1116E-09	.1117E-09	.1112E-09	1 -09	1089E-09	1066E-09	1054E-09			
340.	.1056E-09	.1071E-09	.1084E-09	.1096E-09	.1107E-09	.1115E-09	.1122E-09	.1126E-09	.1127E-09	.1122E-09	1 -09	1096E-09	1070E-09	1056E-09			
350.	.1058E-09	.1073E-09	.1088E-09	.1101E-09	.1112E-09	.1121E-09	.1128E-09	.1132E-09	.1133E-09	.1127E-09	1 -09	1101E-09	1073E-09	1057E-09			

Number of Data Values: 612

Mean Value: 103E-09

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 14002 ALTITUDE(KM): 300 0
F10: 230.00 F10B: 230.00 GI: 400.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	-80.	-70.	-60.	-50.	-40	-30	-20.	-10	0.	10.	20.	30	40	50	60	70	80
	(-SOUTH) LATITUDES (+NORTH)									(-SOUTH) LATITUDES (+NORTH)							
0.	.7281E-10	.7421E-10	.7553E-10	.7672E-10	.7775E-10	.7857E-10	.7918E-10	.7955E-10	.7967E-10	.7955E-10	.7917E-10	.7856E-10	.7773E-10	.7671E-10	.7551E-10	.7420E-10	.7 -10
10.	.7279E-10	.7417E-10	.7548E-10	.7665E-10	.7767E-10	.7849E-10	.7909E-10	.7945E-10	.7958E-10	.7945E-10	.7908E-10	.7846E-10	.7766E-10	.7664E-10	.7541E-10	.7416E-10	.7 -10
20.	.7271E-10	.7401E-10	.7525E-10	.7637E-10	.7734E-10	.7813E-10	.7871E-10	.7906E-10	.7918E-10	.7906E-10	.7870E-10	.7812E-10	.7733E-10	.7636E-10	.7400F-10		-10
30.	.7257E-10	.7375E-10	.7487E-10	.7590E-10	.7680E-10	.7753E-10	.7807E-10	.7840E-10	.7851E-10	.7840E-10	.7806E-10	.7752E-10	.7679E-10	.7589E-10	.7 -10	.7374E-10	.7 -10
40.	.7239E-10	.7340E-10	.7437E-10	.7527E-10	.7606E-10	.7672E-10	.7721E-10	.7751E-10	.7761E-10	.7751E-10	.7720E-10	.7671E-10	.7605E-10	.7 -10	.7335E-10	.7 -10	
50.	.7217E-10	.7297E-10	.7377E-10	.7451E-10	.7518E-10	.7573E-10	.7616E-10	.7643E-10	.7652E-10	.7643E-10	.7615E-10	.7573E-10	.7517E-10	.7450E-10	.7 -10	.7294E-10	.7 -10
60.	.7192E-10	.7250E-10	.7309E-10	.7366E-10	.7418E-10	.7463E-10	.7498E-10	.7521E-10	.7529E-10	.7520E-10	.7497E-10	.7462E-10	.7417E-10	.7364E-10	.7 -10	.7249E-10	.7 -10
70.	.7167E-10	.7200E-10	.7237E-10	.7274E-10	.7311E-10	.7344E-10	.7370E-10	.7389E-10	.7396E-10	.7388E-10	.7370E-10	.7343E-10	.7310E-10	.7273E-10	.7 -10	.7199E-10	.7 -10
80.	.7141E-10	.7149E-10	.7163E-10	.7181E-10	.7201E-10	.7221E-10	.7239E-10	.7252E-10	.7258E-10	.7252E-10	.7238E-10	.7220E-10	.7200E-10	.7180E-10	.7 -10	.7148E-10	.7 -10
90.	.7115E-10	.7099E-10	.7091E-10	.7088E-10	.7091E-10	.7099E-10	.7108E-10	.7116E-10	.7120E-10	.7116E-10	.7107E-10	.7098E-10	.7090E-10	.7087E-10	.7 -10	.7098E-10	.7 -10
100.	.7091E-10	.7052E-10	.7021E-10	.6999E-10	.6986E-10	.6981E-10	.6981E-10	.6985E-10	.6987E-10	.6984E-10	.6981E-10	.6980E-10	.6986E-10	.6998E-10	.7051E-10	. -10	
110.	.7069E-10	.7008E-10	.6957E-10	.6917E-10	.6889E-10	.6872E-10	.6864E-10	.6862E-10	.6863E-10	.6862E-10	.6863E-10	.6871E-10	.6888E-10	.691 E-10	.7007E-10	.7 -10	
120	.7050E-10	.6970E-10	.6901E-10	.6844E-10	.6802E-10	.6774E-10	.6758E-10	.6752F-10	.6752F-10	.6752F-10	.6758E-10	.6773E-10	.6801E-10	.6843E-10	.6909E-10	.7 -10	
1	.7034E-10	.6937E-10	.6852E-10	.6782E-10	.6728E-10	.6690E-10	.6668E-10	.6658E-10	.6657E-10	.6658E-10	.6667E-10	.6689E-10	.6727E-10	.6781E-10	.6936E-10	.7 -10	
140.	.7020E-10	.6911E-10	.6813E-10	.6732E-10	.6667E-10	.6622E-10	.6594E-10	.6582E-10	.6579E-10	.6581E-10	.6594E-10	.6621E-10	.6667E-10	.6731E-10	.6909E-10	.7 -10	
150.	.7010E-10	.6891E-10	.6784E-10	.6693E-10	.6622E-10	.6570E-10	.6538E-10	.6523E-10	.6520E-10	.6523E-10	.6538E-10	.6570E-10	.6621E-10	.6692E-10	.6890E-10	.7 -10	
160.	.7004E-10	.6877E-10	.6764E-10	.6667E-10	.6590E-10	.6535E-10	.6500E-10	.6483F-10	.6480E-10	.6483E-10	.6499E-10	.6534F-10	.6589E-10	.6666E-10	.6876E-10	.7 -10	
170.	.7000E-10	.6869E-10	.6752E-10	.6651E-10	.6571E-10	.6513E-10	.6477E-10	.6459E-10	.6455E-10	.6459E-10	.6476E-10	.6513E-10	.6571E-10	.6650E-10	.6868E-10	.6 -10	
180.	.6998E-10	.6865E-10	.6746E-10	.6644E-10	.6563E-10	.6504E-10	.6466E-10	.6448E-10	.6444E-10	.6448E-10	.6466E-10	.6503E-10	.6562E-10	.6643E-10	.6864E-10	.6 -10	
190.	.6997E-10	.6864E-10	.6745E-10	.6642E-10	.6561E-10	.6501E-10	.6464E-10	.6445E-10	.6441E-10	.6445E-10	.6463E-10	.6501E-10	.6560E-10	.6641E-10	.6863E-10	.6 -10	
200.	.6997E-10	.6865E-10	.6745E-10	.6643E-10	.6561E-10	.6501E-10	.6464E-10	.6446E-10	.6442E-10	.6446E-10	.6464E-10	.6501E-10	.6560E-10	.6642E-10	.6863E-10	.6 -10	
210.	.6998E-10	.6866E-10	.6747E-10	.6646E-10	.6565E-10	.6506E-10	.6468E-10	.6450E-10	.6446E-10	.6450E-10	.6468E-10	.6505E-10	.6564E-10	.6645E-10	.6865E-10	.6 -10	
220.	.7001E-10	.6872E-10	.6755E-10	.6656E-10	.6577E-10	.6520E-10	.6484E-10	.6467E-10	.6463E-10	.6467E-10	.6484E-10	.6520E-10	.6577E-10	.6655E-10	.6870E-10	.6 -10	
230.	.7007E-10	.6883E-10	.6773E-10	.6679E-10	.6605E-10	.6551E-10	.6517E-10	.6501E-10	.6498E-10	.6501E-10	.6517E-10	.6555E-10	.6604E-10	.6678E-10	.6882E-10	.7 -10	
240.	.7017E-10	.6903E-10	.6803E-10	.6717E-10	.6650E-10	.6603E-10	.6573E-10	.6560E-10	.6557E-10	.6560E-10	.6573E-10	.6602E-10	.6650E-10	.6716E-10	.6902E-10	.7 -10	
250.	.7031E-10	.6933E-10	.6846E-10	.6774E-10	.6718E-10	.6679E-10	.6655E-10	.6645E-10	.6644E-10	.6645E-10	.6655E-10	.6678E-10	.6717E-10	.6773E-10	.6931E-10	.7 -10	
260.	.7051E-10	.6972E-10	.6904E-10	.6848E-10	.6807E-10	.6779E-10	.6764E-10	.6758E-10	.6758E-10	.6758E-10	.6763E-10	.6778E-10	.6806E-10	.6847E-10	.6971E-10	.7 -10	
270.	.7075E-10	.7020E-10	.6975E-10	.6940E-10	.6915E-10	.6901E-10	.6896E-10	.6895E-10	.6897E-10	.6895E-10	.6895E-10	.6901E-10	.6915E-10	.6939E-10	.7019E-10	.7 -10	
280.	.7103E-10	.7076E-10	.7056E-10	.7044E-10	.7039E-10	.7040E-10	.7045E-10	.7051E-10	.7054E-10	.7051E-10	.7045E-10	.7039E-10	.7038E-10	.7043E-10	.7074F-10	.7 -10	
290.	.7134E-10	.7136E-10	.7144E-10	.7156E-10	.7172E-10	.7188E-10	.7204E-10	.7216E-10	.7221E-10	.7216E-10	.7204E-10	.7188E-10	.7171E-10	.7155E-10	.7135E-10	.7 -10	
300.	.7165E-10	.7198E-10	.7233E-10	.7270E-10	.7305E-10	.7337E-10	.7364E-10	.7382E-10	.7388E-10	.7381E-10	.7363E-10	.7337E-10	.7304E-10	.7266E-10	.7196E-10	.7 -10	
310.	.7196E-10	.7257E-10	.7319E-10	.7378E-10	.7432E-10	.7479E-10	.7515E-10	.7538E-10	.7547E-10	.7538E-10	.7514E-10	.7476E-10	.7431E-10	.7377E-10	.7255E-10	.7 -10	
320.	.7224E-10	.7311E-10	.7396E-10	.7475E-10	.7546E-10	.7605E-10	.7649E-10	.7677E-10	.7687E-10	.7677E-10	.7649E-10	.7604E-10	.7545E-10	.7474E-10	.7309E-10	.7 -10	
330.	.7247E-10	.7356E-10	.7460E-10	.7556E-10	.7640E-10	.7709E-10	.7760E-10	.7792E-10	.7803E-10	.7792E-10	.7760E-10	.7708E-10	.7639E-10	.7555E-10	.7354E-10	.7 -10	
340.	.7265E-10	.7390E-10	.7509E-10	.7617E-10	.7711E-10	.7787E-10	.7844E-10	.7878E-10	.7890E-10	.7878E-10	.7843E-10	.7786E-10	.7710E-10	.7616E-10	.7389E-10	.7 -10	
350.	.7276E-10	.7412E-10	.7540E-10	.7656E-10	.7756E-10	.7837E-10	.7896E-10	.7933E-10	.7945E-10	.7932E-10	.7896E-10	.7836E-10	.7755E-10	.7655E-10	.7411E-10	.7 -10	

90. -90.

.7137E-10 .7138E-10

Number of Data Values: 612

Mean Value: .709EE-10

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE. MAR 21 1970 JULIAN: 2440667 TIME: 1400Z ALTITUDE(KM): 400.0
F10 230.00 F10B. 230.00 GI: 400.00 (1-KP OR 2-AP): 2

LON (-WEST) (+EAST)	-80	-70.	(-SOUTH) LATITUDES (+NORTH) -60.	-50.	-40.	-30.	-20	-10	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0	2[illegible]-10	.2109E-10	.2177E-10	.2240E-10	.2296E-10	.2341E-10	.2375E-10	.2396E-10	.2403E-10	.2395E-10	.2375E-10	.2341E-10	.2295E-10	.2240E-10	.2176E-10	.2100E-10	.2037E-10
10	2[illegible]-10	.2107E-10	.2174E-10	.2237E-10	.2291E-10	.2336E-10	.2370E-10	.2390E-10	.2397E-10	.2390E-10	.2369E-10	.2336E-10	.2291E-10	.2236E-10	.2173E-10	.2106E-10	.2036E-10
20	2[illegible]-10	.2098E-10	.2162E-10	.2222E-10	.2274E-10	.2317E-10	.2349E-10	.2368E-10	.2375E-10	.2368E-10	.2348E-10	.2316E-10	.2273E-10	.2221E-10	.2162E-10	.2098E-10	.2031E-10
30	2[illegible]-10	.2085E-10	.2143E-10	.2197E-10	.2244E-10	.2284E-10	.2313E-10	.2332E-10	.2338E-10	.2332E-10	.2313E-10	.2283E-10	.2244E-10	.2196E-10	.2142E-10	.2084E-10	.2024E-10
40	2[illegible]-10	.2067E-10	.2117E-10	.2163E-10	.2205E-10	.2240E-10	.2266E-10	.2283E-10	.2289E-10	.2283E-10	.2266E-10	.2240E-10	.2205E-10	.2163E-10	.2116E-10	.2066E-10	.2015E-10
50	2[illegible]-10	.2045E-10	.2086E-10	.2124E-10	.2159E-10	.2188E-10	.2210E-10	.2225E-10	.2230E-10	.2225E-10	.2210E-10	.2187E-10	.2158E-10	.2123E-10	.2085E-10	.2045E-10	.2004E-10
60	1[illegible]-10	.2022E-10	.2051E-10	.2080E-10	.2107E-10	.2130E-10	.2148E-10	.2160E-10	.2164E-10	.2160E-10	.2148E-10	.2130E-10	.2106E-10	.2079E-10	.2051E-10	.2021E-10	.1992E-10
70	1[illegible]-10	.1997E-10	.2015E-10	.2034E-10	.2052E-10	2069E-10	.2083E-10	2092E-10	.2095E-10	.2092E-10	.2082E-10	.2069E-10	.2052E-10	.2033E-10	.2014E-10	.1996E-10	.1980E-10
80	1[illegible]-10	.1972E-10	.1979E-10	.1987E-10	.1997E-10	.2007E-10	.2016E-10	.2023E-10	.2026E-10	.2023E-10	.2016E-10	.2007E-10	.1997E-10	.1987E-10	.1978E-10	.1971E-10	.1967E-10
90	1[illegible]-10	[illegible]47E-10	.1943E-10	.1942E-10	.1943E-10	1947E-10	.1951E-10	.1955E-10	.1957E-10	.1955E-10	.1951E-10	.1947E-10	.1943E-10	.1941E-10	.1942E-10	.1947E-10	.1954E-10
100	1[illegible]-10	[illegible]24E-10	.1909E-10	.1899E-10	.1893E-10	.1890E-10	.1890E-10	1892E-10	.1893E-10	.1892E-10	.1890E-10	.1890E-10	.1892E-10	.1898E-10	.1909E-10	.1924E-10	.1943E-10
110	1[illegible]-10	.1903E-10	.1879E-10	1860E-10	1847E-10	1838E-10	1835E-10	1834E-10	.1834E-10	.1834E-10	.1834E-10	.1838E-10	.1846E-10	.1859E-10	.1878E-10	.1903E-10	.1932E-10
120	1[illegible]-10	.1885E-10	.1852E-10	.1826E-10	1806E-10	.1793E-10	.1785E-10	1783E-10	.1783E-10	.1783E-10	.1785E-10	.1792E-10	.1805E-10	.1825E-10	.1851E-10	.1884E-10	.1923E-10
130	1[illegible]-10	.1869E-10	.1829E-10	.1797E-10	1772E-10	1754E-10	1744E-10	.1740E-10	.1739E-10	.1740E-10	.1744E-10	1754E-10	.1771E-10	.1796E-10	.1829E-10	.1869E-10	.1915E-10
140	1[illegible]-10	.1857E-10	.1811E-10	.1773E-10	.1744E-10	.1723E-10	.1711E-10	.1705E-10	.1704E-10	.1705E-10	.1711E-10	.1723E-10	.1744E-10	.1773E-10	.1811E-10	.1856E-10	.1908E-10
150	1[illegible]-10	.1847E-10	.1797E-10	.1756E-10	.1723E-10	.1700E-10	.1686E-10	.1679E-10	.1678E-10	.1679E-10	.1686E-10	.1700E-10	.1723E-10	.1755E-10	.1797E-10	.1847E-10	.1904E-10
160	1[illegible]-10	.1841E-10	.1788E-10	.1744E-10	1709E-10	.1684E-10	.1669E-10	.1661E-10	.1660E-10	.1661E-10	.1669E-10	.1684E-10	.1709E-10	.1743E-10	.1787E-10	.1840E-10	.1900E-10
170	1[illegible]-10	.1837E-10	1782E-10	.1737E-10	.1701E-10	.1675E-10	.1659E-10	.1651E-10	.1649E-10	.1651E-10	.1658E-10	.1675E-10	.1700E-10	.1736E-10	.1782E-10	.1836E-10	.1898E-10
180	1[illegible]-10	.1835E-10	.1780E-10	.1733E-10	1697E-10	.1670E-10	.1654E-10	.1646E-10	.1644E-10	.1646E-10	.1654E-10	.1670E-10	.1696E-10	.1733E-10	.1779E-10	.1835E-10	.1897E-10
190	1[illegible]-10	.1835E-10	.1779E-10	.1733E-10	.1696E-10	.1669E-10	.1653E-10	.1645E-10	.1643E-10	.1645E-10	.1653E-10	.1669E-10	.1695E-10	.1732E-10	.1779E-10	.1834E-10	.1897E-10
200	1[illegible]-10	.1835E-10	.1779E-10	.1733E-10	.1696E-10	.1669E-10	.1653E-10	.1645E-10	.1643E-10	.1645E-10	.1653E-10	.1669E-10	.1696E-10	.1732E-10	.1779E-10	.1834E-10	.1897E-10
210	1[illegible]-10	.1836E-10	.1780E-10	.1734E-10	.1698E-10	.1671E-10	.1655E-10	.1647E-10	.1645E-10	.1647E-10	.1655E-10	.1671E-10	.1697E-10	.1734E-10	.1780E-10	.1835E-10	.1898E-10
220	1[illegible]-10	.1838E-10	.1784E-10	.1739E-10	.1703E-10	.1678E-10	.1662E-10	.1654E-10	.1653E-10	.1654E-10	.1662E-10	.1678E-10	.1703E-10	.1738E-10	.1784E-10	.1838E-10	.1899E-10
230	1[illegible]-10	.1844E-10	.1792E-10	.1749E-10	.1716E-10	.1691E-10	.1677E-10	.1669E-10	.1668E-10	.1669E-10	.1676E-10	.1691E-10	.1715E-10	.1749E-10	.1792E-10	.1843E-10	.1902E-10
240	1[illegible]-10	.1853E-10	.1806E-10	.1767E-10	.1736E-10	.1715E-10	.1702E-10	.1695E-10	.1694E-10	.1695E-10	.1701E-10	.1714E-10	.1736E-10	.1766E-10	.1805E-10	.1853E-10	.1907E-10
250	1[illegible]-10	.1867E-10	.1826E-10	.1793E-10	.1767E-10	.1749E-10	.1738E-10	.1734E-10	.1733E-10	.1734E-10	.1738E-10	.1749E-10	.1767E-10	.1792E-10	.1826E-10	.1867E-10	.1914E-10
260	1[illegible]-10	.1886E-10	.1853E-10	.1827E-10	.1808E-10	.1795E-10	.1788E-10	.1786E-10	.1785E-10	.1785E-10	.1788E-10	.1795E-10	.1808E-10	.1827E-10	.1853E-10	.1885E-10	.1923E-10
270	1[illegible]-10	.1909E-10	.1887E-10	.1870E-10	.1859E-10	.1852E-10	.1850E-10	.1850E-10	.1850E-10	.1849E-10	.1849E-10	.1852E-10	.1859E-10	.1870E-10	.1887E-10	.1908E-10	.1935E-10
280	1[illegible]-10	.1936E-10	.1926E-10	.1920E-10	.1918E-10	.1919E-10	.1921E-10	.1924E-10	.1925E-10	.1924E-10	.1921E-10	.1918E-10	.1918E-10	.1920E-10	.1926E-10	.1935E-10	.1949E-10
290	1[illegible]-10	.1965E- 0	.1969E-10	.1975E-10	.1983E-10	.1991E-10	.1999E-10	.2005E-10	.2007E-10	.2005E-10	.1999E-10	.1991E-10	1982E-10	.1975E-10	.1968E-10	.1965E-10	.1963E-10
300	1[illegible]-10	.1996E-10	2013E-10	.2031E-10	.2049E-10	.2066E-10	.2079E-10	.2088E-10	.2092E-10	.2088E-10	.2079E-10	.2065E-10	.2049E-10	.2031E-10	.2013E-10	.1995E-10	.1979E-10
310	1[illegible]-10	.2025E-10	2056E-10	.2086E-10	.2114E-10	2138E-10	.2157E-10	.2169E-10	.2174E-10	.2169E-10	.2157E-10	.2138E-10	.2114E-10	.2086E-10	.2055E-10	.2024E-10	.1994E-10
320	2[illegible]-10	.2052E-10	.2095E-10	.2136E-10	2173E-10	2204E-10	.2228E-10	2243E-10	.2248E-10	.2243E-10	.2228E-10	.2204E-10	.2173E-10	.2136E-10	.2095E-10	.2051E-10	.2008E-10
330	2[illegible]-10	.2075E-10	.2129E-10	.2179E-10	.2223E-10	2260E-10	.2288E-10	2305E-10	.2311E-10	.2305E-10	.2288E-10	.2260E-10	.2223E-10	.2178E-10	.2128E-10	.2074E-10	.2028E-10
340	2[illegible]-10	.2093E-10	.2154E-10	.2211E-10	.2261E-10	.2303E-10	.2334E-10	.2353E-10	.2359E-10	.2353E-10	.2333E-10	.2302E-10	.2261E-10	.2210E-10	.2153E-10	.2092E-10	.2028E-10
350	2[illegible]-10	.2104E-10	[illegible]70E-10	.2232E-10	.2286E-10	.2330E-10	.2363E-10	.2383E-10	.2390E-10	.2383E-10	.2363E-10	.2329E-10	.2285E-10	.2231E-10	.2170E-10	.2103E-10	.2034E-10

90. -90.

.1966E-10 .1966E-10

Number of Data Values: 612

Mean Value: .1953E-10

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 407.7
F10: 230.00 F10B: 230.00 GI: 400.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60	70	
0.	.1866E-10	.1933E-10	.1998E-10	.2058E-10	.2111E-10	.2154E-10	.2186E-10	.2205E-10	.2212E-10	.2205E-10	.2185E-10	.2153E-10	.2110E-10	.2057E-10	1 -10	.1933E-10	1865E-10
10.	.1865E-10	.1931E-10	.1995E-10	.2055E-10	.2107E-10	.2149E-10	.2181E-10	.2200E-10	.2207E-10	.2200E-10	.2181E-10	.2149E-10	.2106E-10	.2054E-10	1 -10	.1931E-10	.1864E-10
20.	.1861E-10	.1924E-10	.1984E-10	.2040E-10	.2090E-10	.2130E-10	.2161E-10	.2180E-10	.2186E-10	.2179E-10	.2161E-10	.2130E-10	.2089E-10	.2040E-10	1 -10	.1923E-10	.1860E-10
30.	.1855E-10	.1911E-10	.1966E-10	.2017E-10	.2062E-10	.2099E-10	.2127E-10	.2145E-10	.2151E-10	.2145E-10	.2127E-10	.2099E-10	.2061E-10	.2016E-10	1 -10	.1910E-10	.1854E-10
40.	.1846E-10	.1894E-10	.1941E-10	.1985E-10	.2025E-10	.2058E-10	.2083E-10	.2098E-10	.2104E-10	.2098E-10	.2082E-10	.2057E-10	.2024E-10	.1985E-10	1 -10	.1895E-10	.1845E-10
50.	.1836E-10	.1874E-10	.1912E-10	.1948E-10	.1981E-10	.2008E-10	.2030E-10	.2043E-10	.2048E-10	.2043E-10	.2029E-10	.2008E-10	.1980E-10	.1947E-10	1 -10	.1873E-10	.1835E-10
60.	.1824E-10	.1851E-10	.1879E-10	.1906E-10	.1932E-10	.1954E-10	.1971E-10	.1982E-10	.1986E-10	.1982E-10	.1971E-10	.1954E-10	.1931E-10	.1906E-10	1 -10	.1851E-10	.1823E-10
70.	.1812E-10	.1828E-10	.1845E-10	.1863E-10	.1880E-10	.1896E-10	.1909E-10	.1917E-10	.1921E-10	.1917E-10	.1906E-10	.1895E-10	.1880E-10	.1862E-10	1 -10	.1827E-10	.1812E-10
80.	.1800E-10	.1804E-10	.1811E-10	.1819E-10	.1828E-10	.1837E-10	.1846E-10	.1852E-10	.1855E-10	.1852E-10	.1846E-10	.1837E-10	.1820E-10	.1818E-10	1 -10	.1803E-10	.1799E-10
90.	.1788E-10	.1781E-10	.1777E-10	.1776E-10	.1777E-10	.1781E-10	.1785E-10	.1789E-10	.1791E-10	.1789E-10	.1785E-10	.1780E-10	.1777E-10	.1775E-10	1 -10	.1780E-10	.1786E-10
100.	.1777E-10	.1759E-10	.1745E-10	.1736E-10	.1730E-10	.1727E-10	.1727E-10	.1729E-10	.1730E-10	.1729E-10	.1727E-10	.1727E-10	.1729E-10	.1735E-10	1 -10	.1759E-10	.1777E-10
110.	.1767E-10	.1748E-10	.1717E-10	.1699E-10	.1686E-10	.1678E-10	.1675E-10	.1674E-10	.1675E-10	.1674E-10	.1675E-10	.1678E-10	.1686E-10	.1698E-10	1 -10	.1739E-10	.1767E-10
120.	.1758E-10	.1722E-10	.1691E-10	.1666E-10	.1648E-10	.1636E-10	.1629E-10	.1626E-10	.1626E-10	.1626E-10	.1629E-10	.1635E-10	.1648E-10	.1666E-10	1 -10	.1722E-10	.1758E-10
130.	.1751E-10	.1708E-10	.1670E-10	.1639E-10	.1616E-10	.1599E-10	.1590E-10	.1586E-10	.1585E-10	.1586E-10	.1590E-10	.1599E-10	.1615E-10	.1639E-10	1 -10	.1707E-10	.1750E-10
140.	.1745E-10	.1696E-10	.1653E-10	.1617E-10	.1590E-10	.1570E-10	.1559E-10	.1553E-10	.1552E-10	.1553E-10	.1558E-10	.1570E-10	.1589E-10	.1617E-10	1 -10	.1695E-10	.1744E-10
150.	.1740E-10	.1687E-10	.1640E-10	.1601E-10	.1570E-10	.1549E-10	.1535E-10	.1529E-10	.1528E-10	.1529E-10	.1535E-10	.1548E-10	.1570E-10	.1600E-10	1 -10	.1686E-10	.1740E-10
160.	.1737E-10	.1681E-10	.1631E-10	.1590E-10	.1557E-10	.1534E-10	.1519E-10	.1512E-10	.1511E-10	.1512E-10	.1519E-10	.1533E-10	.1557E-10	.1589E-10	1 -10	.1680E-10	.1737E-10
170.	.1736E-10	.1677E-10	.1626E-10	.1583E-10	.1549E-10	.1525E-10	.1510E-10	.1502E-10	.1501E-10	.1502E-10	.1510E-10	.1525E-10	.1549E-10	.1582E-10	1 -10	.1677E-10	.1735E-10
180.	.1735E-10	.1676E-10	.1623E-10	.1580E-10	.1545E-10	.1521E-10	.1505E-10	.1496E-10	.1496E-10	.1496E-10	.1505E-10	.1521E-10	.1545E-10	.1579E-10	1 -10	.1675E-10	.1734E-10
190.	.1735E-10	.1675E-10	.1623E-10	.1579E-10	.1545E-10	.1520E-10	.1504E-10	.1497E-10	.1495E-10	.1497E-10	.1504E-10	.1520E-10	.1544E-10	.1579E-10	1 -10	.1675E-10	.1734E-10
200.	.1735E-10	.1675E-10	.1623E-10	.1579E-10	.1545E-10	.1520E-10	.1504E-10	.1497E-10	.1495E-10	.1497E-10	.1504E-10	.1520E-10	.1544E-10	.1579E-10	1 -10	.1675E-10	.1734E-10
210.	.1735E-10	.1676E-10	.1624E-10	.1580E-10	.1546E-10	.1522E-10	.1506E-10	.1499E-10	.1497E-10	.1499E-10	.1506E-10	.1521E-10	.1546E-10	.1580E-10	1 -10	.1675E-10	.1734E-10
220.	.1736E-10	.1678E-10	.1628E-10	.1585E-10	.1552E-10	.1528E-10	.1513E-10	.1506E-10	.1504E-10	.1506E-10	.1513E-10	.1527E-10	.1551E-10	.1585E-10	1 -10	.1676E-10	.1735E-10
230.	.1739E-10	.1684E-10	.1635E-10	.1595E-10	.1563E-10	.1540E-10	.1526E-10	.1520E-10	.1519E-10	.1520E-10	.1526E-10	.1540E-10	.1563E-10	.1594E-10	1 -10	.1683E-10	.1738E-10
240.	.1743E-10	.1692E-10	.1648E-10	.1611E-10	.1582E-10	.1562E-10	.1550E-10	.1544E-10	.1543E-10	.1544E-10	.1550E-10	.1562E-10	.1582E-10	.1611E-10	1 -10	.1692E-10	.1743E-10
250.	.1750E-10	.1706E-10	.1667E-10	.1635E-10	.1611E-10	.1594F-10	.1585E-10	.1580E-10	.1580E-10	.1580E-10	.1584E-10	.1594E-10	.1611E-10	.1635E-10	1 -10	.1705E-10	.1749E-10
260.	.1759E-10	.1723E-10	.1693E-10	.1668E-10	.1650E-10	.1638E-10	.1631E-10	.1629E-10	.1629E-10	.1629E-10	.1631E-10	.1638E-10	.1650E-10	.1668E-10	1 -10	.1722E-10	.1758E-10
270.	.1770E-10	.1745E-10	.1724E-10	.1709E-10	.1698E-10	.1692E-10	.1689E-10	.1689E-10	.1690E-10	.1689E-10	.1689E-10	.1691E-10	.1697E-10	.1708E-10	1 -10	.1744E-10	.1769E-10
280.	.1783E-10	.1770E-10	.1761E-10	.1756E-10	.1754E-10	.1754E-10	.1756E-10	.1759E-10	.1760E-10	.1759E-10	.1756E-10	.1754E-10	.1753E-10	.1755E-10	1 -10	.1770E-10	.1782E-10
290.	.1797E-10	.1798E-10	.1802E-10	.1807E-10	.1814E-10	.1822E-10	.1830E-10	.1835E-10	.1838E-10	.1835E-10	.1829E-10	.1822E-10	.1814E-10	.1807E-10	1 -10	.1797E-10	.1796E-10
300.	.1812E-10	.1827E-10	.1843E-10	.1860E-10	.1877E-10	.1893E-10	.1905E-10	.1914E-10	.1917E-10	.1914E-10	.1905E-10	.1892E-10	.1877E-10	.1860E-10	1 -10	.1826E-10	.1811E-10
310.	.1826E-10	.1855E-10	.1884E-10	.1912E-10	.1939E-10	.1961E-10	.1979E-10	.1991E-10	.1995E-10	.1991E-10	.1979E-10	.1961E-10	.1938E-10	.1912E-10	1 -10	.1854E-10	.1825E-10
320.	.1839E-10	.1880E-10	.1921E-10	.1960E-10	.1994E-10	.2024E-10	.2046E-10	.2061E-10	.2066E-10	.2061E-10	.2046E-10	.2024E-10	.1994E-10	.1959E-10	1 -10	.1879E-10	.1838E-10
330.	.1850E-10	.1902E-10	.1952E-10	.2000E-10	.2042E-10	.2077E-10	.2103E-10	.2120E-10	.2125E-10	.2120E-10	.2103E-10	.2076E-10	.2041E-10	.1999E-10	1 -10	.1901E-10	.1849E-10
340.	.1858E-10	.1918E-10	.1976E-10	.2030E-10	.2078E-10	.2117E-10	.2147E-10	.2165E-10	.2171E-10	.2165E-10	.2146E-10	.2117E-10	.2077E-10	.2030E-10	1 -10	.1916E-10	.1856E-10
350.	.1864E-10	.1929E-10	.1992E-10	.2050E-10	.2101E-10	.2143E-10	.2174E-10	.2194E-10	.2200E-10	.2193E-10	.2174E-10	.2143E-10	.2101E-10	.2049E-10	1 -10	.1928E-10	.1863E-10

90. -90.

.1790E-10 .1799E-10

Number of Data Values: 612

Mean Value: .1787E-10

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 14002 ALTITUDE(KM): 445.0
F10: 230.00 F10B: 230.00 GI: 400.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20	30	40.	50	60	70	90
0.	.1233E-10	.1204E-10	.1334E-10	.1380E-10	.1420E-10	.1454E-10	.1478E-10	.1494E-10	.1499E-10	.1494E-10	.1476E-10	.1453E-10	.1420E-10	.1379E-10	.1333E-10	.1284E-10	.1237E-10
10.	.1233E-10	.1203E-10	.1332E-10	.1377E-10	.1417E-10	.1450E-10	.1475E-10	.1490E-10	.1495E-10	.1490E-10	.1474E-10	.1450E-10	.1417E-10	.1376E-10	.1331E-10	.1282E-10	.1232E-10
20.	.1230E-10	.1277E-10	.1323E-10	.1366E-10	.1404E-10	.1436E-10	.1459E-10	.1474E-10	.1478E-10	.1473E-10	.1459E-10	.1435E-10	.1404E-10	.1366E-10	.1323E-10	.1276E-10	.1229E-10
30.	.1225E-10	.1267E-10	.1309E-10	.1348E-10	.1383E-10	.1411E-10	.1433E-10	.1447E-10	.1451E-10	.1446E-10	.1433E-10	.1411E-10	.1382E-10	.1347E-10	.1308E-10	.1267E-10	.1224E-10
40.	.1218E-10	.1254E-10	.1290E-10	.1324E-10	.1354E-10	.1379E-10	.1399E-10	.1411E-10	.1415E-10	.1411E-10	.1398E-10	.1379E-10	.1354E-10	.1323E-10	.1290E-10	.1254E-10	.1218E-10
50.	.1210E-10	.1239E-10	.1268E-10	.1295E-10	.1320E-10	.1342E-10	.1358E-10	.1368E-10	.1372E-10	.1368E-10	.1358E-10	.1341E-10	.1320E-10	.1295E-10	.1267E-10	.1237E-10	.1206E-10
60.	.1202E-10	.1222E-10	.1243E-10	.1264E-10	.1283E-10	.1300E-10	.1313E-10	.1321E-10	.1325E-10	.1321E-10	.1313E-10	.1299E-10	.1283E-10	.1263E-10	.1243E-10	.1222E-10	.1201E-10
70.	.1193E-10	.1205E-10	.1217E-10	.1231E-10	.1244E-10	.1256E-10	.1266E-10	.1272E-10	.1275E-10	.1274E-10	.1265E-10	.1256E-10	.1244E-10	.1230E-10	.1217E-10	.1204E-10	.1192E-10
80.	.1184E-10	.1187E-10	.1192E-10	.1198E-10	.1205E-10	.1212E-10	.1218E-10	.1223E-10	.1225E-10	.1223E-10	.1218E-10	.1212E-10	.1204E-10	.1197E-10	.1191E-10	.1186E-10	.1187E-10
90	.1175E-10	.1170E-10	.1166E-10	.1166E-10	.1167E-10	.1169E-10	.1172E-10	.1175F-10	.1177E-10	.1175F-10	.1172E-10	.1169E-10	.1166E-10	.1165E-10	.1166E-10	.1169E-10	.1174E-10
100.	.1167E-10	.1153E-10	.1143E-10	.1135E-10	.1131E-10	.1129E-10	.1129E-10	.1130E-10	.1131E-10	.1130E-10	.1129E-10	.1129E-10	.1131E-10	.1135E-10	.1142E-10	.1153E-10	.1166E-10
110.	.1159E-10	.1139E-10	.1121E-10	.1108E-10	.1099E-10	.1093E-10	.1090E-10	.1090E-10	.1090E-10	.1090E-10	.1090E-10	.1090E-10	.1093E-10	.1098E-10	.1108E-10	.1121E-10	.1139E-10
120.	.1153E-10	.1126E-10	.1163E-10	.1084E-10	.1079E-10	.1061E-10	.1056E-10	.1054E-10	.1054E-10	.1054E-10	.1056E-10	.1061E-10	.1070E-10	.1084E-10	.1102E-10	.1125E-10	.1152E-10
130.	.1147E-10	.1115E-10	.1087E-10	.1064E-10	.1047E-10	.1035E-10	.1028E-10	.1025E-10	.1024E-10	.1025E-10	.1028E-10	.1034E-10	.1046E-10	.1064E-10	.1066E-10	.1114F-10	.1146E-10
140.	.1143E-10	.1106E-10	.1074E-10	.1048E-10	.1028E-10	.1013E-10	.1005E-10	.1001E-10	.1000F-10	.1001E-10	.1005E-10	.1013E-10	.1027E-10	.1047E-10	.1074E-10	.1105E-10	.1142E-10
150	.1139E-10	.1099E-10	.1065E-10	.1036E-10	.1013E-10	.9974E-11	.9877E-11	.9831E-11	.9822E-11	.9831E-11	.9876E-11	.9973E-11	.1013E-10	.1035E-10	.1064E-10	.1099E-10	.1139E-10
160.	.1137E-10	.1095E-10	.1058E-10	.1027E-10	.1004E-10	.9865E-11	.9760E-11	.9710E-11	.9699E-11	.9709E-11	.9759E-11	.9864E-11	.1003E-10	.1027E-10	.1058E-10	.1094E-10	.1136E-10
170.	.1136E-10	.1092E-10	.1054E-10	.1023E-10	.9978E-11	.9801E-11	.9690E-11	.9638E-11	.9626E-11	.9637E-11	.9690E-11	.9795E-11	.9976E-11	.1022E-10	.1054F-10	.1092E-10	.1135E-10
180	.1135E-10	.1091E-10	.1052E-10	.1020E-10	.9952E-11	.9772E-11	.9659E-11	.9605E-11	.9593E-11	.9605E-11	.9658E-11	.9770E-11	.9949E-11	.1020E-10	.1052E-10	.1091E-10	.1134E-10
190.	.1135E-10	.1091E-10	.1052E-10	.1020E-10	.9945E-11	.9764E-11	.9651E-11	.9597E-11	.9585E-11	.9596E-11	.9650E-11	.9763E-11	.9943E-11	.1019E-10	.1052E-10	.1090F-10	.1134E-10
200	.1135E-10	.1091E-10	.1052E-10	.1020E-10	.9946E-11	.9765E-11	.9652E-11	.9597E-11	.9586E-11	.9597E-11	.9651E-11	.9763E-11	.9943E-11	.1019E-10	.1052E-10	.1090E-10	.1134E-10
210.	.1135E-10	.1091E-10	.1053E-10	.1021E-10	.9957E-11	.9778E-11	.9665E-11	.9612E-11	.9600E-11	.9611E-11	.9665E-11	.9776E-11	.9955E-11	.1020E-10	.1052E-10	.1091E-10	.1135E-10
220.	.1136E-10	.1093E-10	.1055E-10	.1024E-10	.9997E-11	.9821E-11	.9712E-11	.9661E-11	.9649E-11	.9660E-11	.9712E-11	.9820F-11	.9994F-11	.1024E-10	.1055E-10	.1093E-10	.1135E-10
230.	.1138E-10	.1097E-10	.1061E-10	.1031E-10	.1008E-10	.9915E-11	.9813E-11	.9765E-11	.9755E-11	.9765E-11	.9812E-11	.9913E-11	.1008E-10	.1031E-10	.1061E-10	.1096E-10	.1137E-10
240.	.1141E-10	.1103E-10	.1071E-10	.1043E-10	.1022E-10	.1007E-10	.9984E-11	.9943E-11	.9935E-11	.9942E-11	.9983E-11	.1007E-10	.1022E-10	.1043E-10	.1070E-10	.1103E-10	.1141E-10
250.	.1146E-10	.1113E-10	.1085E-10	.1061E-10	.1043E-10	.1031E-10	.1024E-10	.1021E-10	.1020E-10	.1021E-10	.1024E-10	.1031E-10	.1043E-10	.1061E-10	.1084E-10	.1113E-10	.1146E-10
260	.1153E-10	.1126E-10	.1104E-10	.1085E-10	.1072E-10	.1063E-10	.1058E-10	.1056E-10	.1056E-10	.1056E-10	.1058E-10	.1063E-10	.1072E-10	.1085E-10	.1103E-10	.1126E-10	.1152E-10
270	.1161E-10	.1142E-10	.1127E-10	.1115E-10	.1107E-10	.1103E-10	.1101E-10	.1101E-10	.1101E-10	.1101E-10	.1101E-10	.1103E-10	.1107E-10	.1115E-10	.1127E-10	.1142E-10	.1161E-10
280	.1171E-10	.1161E-10	.1155E-10	.1151E-10	.1149E-10	.1149E-10	.1151E-10	.1153E-10	.1154E-10	.1153E-10	.1151E-10	.1149E-10	.1149E-10	.1150E-10	.1154E-10	.1161E-10	.1170E-10
290	.1181E-10	.1182E-10	.1185E-10	.1189E-10	.1195E-10	.1200E-10	.1206E-10	.1210E-10	.1212E-10	.1210E-10	.1206E-10	.1200E-10	.1194E-10	.1189E-10	.1184F-10	.1182F-10	.1181F-10
300	.1192E-10	.1204E-10	.1216E-10	.1229E-10	.1242E-10	.1254E-10	.1263E-10	.1270E-10	.1272E-10	.1270E-10	.1263E-10	.1253E-10	.1242E-10	.1229E-10	.1216E-10	.1206E-10	.1192E-10
310	.1203E-10	.1225E-10	.1247E-10	.1268E-10	.1288E-10	.1306E-10	.1319E-10	.1328E-10	.1331E-10	.1328E-10	.1319E-10	.1305E-10	.1288E-10	.1268E-10	.1246E-10	.1224E-10	.1203E-10
320	.1213E-10	.1244E-10	.1275E-10	.1304E-10	.1331E-10	.1353E-10	.1371E-10	.1382E-10	.1385E-10	.1382E-10	.1370E-10	.1353E-10	.1331E-10	.1304E-10	.1274E-10	.1243E-10	.1212E-10
330.	.1221E-10	.1260E-10	.1299E-10	.1335E-10	.1367E-10	.1394E-10	.1414E-10	.1427E-10	.1432E-10	.1427E-10	.1414E-10	.1394E-10	.1367E-10	.1334E-10	.1298E-10	.1260E-10	.1221E-10
340.	.1220E-10	.1273E-10	.1317E-10	.1358E-10	.1395E-10	.1425E-10	.1448E-10	.1462E-10	.1467E-10	.1462E-10	.1448E-10	.1425E-10	.1394E-10	.1358E-10	.1317E-10	.1272E-10	.1227E-10
350	.1232E-10	.1201E-10	.1329E-10	.1373E-10	.1413E-10	.1445E-10	.1470E-10	.1485E-10	.1490E-10	.1484E-10	.1469E-10	.1445E-10	.1412E-10	.1373E-10	.1328E-10	.1280E-10	.1231E-10

Number of Data Values: 612

Mean Value: .1175E-10

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 14002 ALTITUDE(KM): 500.0
F10: 230.00 F10B: 230.00 CI: 400.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	-80.	-70.	(-SOUTH) LATITUDES (+NORTH) -60.	-50.	-40.	-30.	-20.	-10.	0	(-SOUTH) LATITUDES (+NORTH) 10	20	30	40.	50.	60.	70	80
0.	.6952E-11	.7290E-11	.7621E-11	.7930E-11	.8205E-11	.8433E-11	.8603E-11	.8708E-11	.8744E-11	.8708E-11	.8602E-11	.8430E-11	.8202E-11	.7927E-11	.7611E-11	.7286E-11	.6968E-11
10.	.6947E-11	.7281E-11	.7607E-11	.7912E-11	.8183E-11	.8409E-11	.8577E-11	.8681E-11	.8716E-11	.8681E-11	.8576E-11	.8406E-11	.8181E-11	.7909E-11	.7603E-11	.7277E-11	.6947E-11
20.	.6927E-11	.7242E-11	.7550E-11	.7839E-11	.8096E-11	.8310E-11	.8470E-11	.8570E-11	.8604E-11	.8569E-11	.8469E-11	.8307E-11	.8093E-11	.7835E-11	.7546E-11	.7234E-11	.6914E-11
30.	.6895E-11	.7177E-11	.7455E-11	.7716E-11	.7950E-11	.8146E-11	.8293E-11	.8385E-11	.8417E-11	.8384E-11	.8292E-11	.8143E-11	.7947E-11	.7713E-11	.7451E-11	.7173E-11	.6891E-11
40.	.6852E-11	.7091E-11	.7329E-11	.7555E-11	.7750E-11	.7929E-11	.8059E-11	.8141E-11	.8169E-11	.8140E-11	.8058E-11	.7927E-11	.7755E-11	.7552E-11	.7326E-11	.7088E-11	.6844E-11
50.	.6801E-11	.6990E-11	.7181E-11	.7364E-11	.7531E-11	.7673E-11	.7783E-11	.7854E-11	.7878E-11	.7853E-11	.7782E-11	.7671E-11	.7528E-11	.7361E-11	.7176E-11	.6976E-11	.6767E-11
60.	.6744E-11	.6879E-11	.7010E-11	.7134E-11	.7282E-11	.7393E-11	.7481E-11	.7538E-11	.7559E-11	.7538E-11	.7479E-11	.7391E-11	.7279E-11	.7151E-11	.7014E-11	.6875E-11	.6741E-11
70.	.6685E-11	.6762E-11	.6847E-11	.6936E-11	.7022E-11	.7101E-11	.7166E-11	.7210E-11	.7227E-11	.7210E-11	.7165E-11	.7099E-11	.7020E-11	.6933E-11	.6844E-11	.6759E-11	.6681E-11
80.	.6626E-11	.6645E-11	.6677E-11	.6717E-11	.6763E-11	.6810E-11	.6852E-11	.6884E-11	.6896E-11	.6883E-11	.6851E-11	.6808E-11	.6761E-11	.6715E-11	.6674E-11	.6642E-11	.6622E-11
90.	.6568E-11	.6532E-11	.6512E-11	.6507E-11	.6514E-11	.6530E-11	.6551E-11	.6570E-11	.6578E-11	.6569E-11	.6550E-11	.6529E-11	.6512E-11	.6504E-11	.6509E-11	.6529E-11	.6564E-11
100.	.6514E-11	.6426E-11	.6358E-11	.6310E-11	.6281E-11	.6270E-11	.6270E-11	.6278E-11	.6283E-11	.6277E-11	.6269E-11	.6268E-11	.6279E-11	.6308E-11	.6355E-11	.6423E-11	.6511E-11
110.	.6465E-11	.6330E-11	.6218E-11	.6132E-11	.6072E-11	.6035E-11	.6018E-11	.6015E-11	.6017E-11	.6015E-11	.6017E-11	.6033E-11	.6070E-11	.6130E-11	.6216E-11	.6327E-11	.6464E-11
120.	.6421E-11	.6246E-11	.6097E-11	.5978E-11	.5889E-11	.5831E-11	.5798E-11	.5787E-11	.5786E-11	.5787E-11	.5798E-11	.5829E-11	.5887E-11	.5975E-11	.6094E-11	.6242E-11	.6417E-11
130.	.6385E-11	.6175E-11	.5994E-11	.5840E-11	.5737E-11	.5660E-11	.5615E-11	.5596E-11	.5594E-11	.5596E-11	.5615E-11	.5659E-11	.5735E-11	.5846E-11	.5992E-11	.6172E-11	.6385E-11
140.	.6356E-11	.6118E-11	.5913E-11	.5744E-11	.5615E-11	.5524E-11	.5470E-11	.5445E-11	.5441E-11	.5445E-11	.5469E-11	.5523E-11	.5613E-11	.5742E-11	.5910E-11	.6115E-11	.6356E-11
150.	.6334E-11	.6076E-11	.5852E-11	.5667E-11	.5524E-11	.5423E-11	.5361E-11	.5332E-11	.5326E-11	.5332E-11	.5360E-11	.5422E-11	.5522E-11	.5665E-11	.5849E-11	.6073E-11	.6334E-11
160.	.6319E-11	.6047E-11	.5810E-11	.5614E-11	.5462E-11	.5354E-11	.5287E-11	.5255E-11	.5249E-11	.5255E-11	.5286E-11	.5353E-11	.5461E-11	.5612E-11	.5807E-11	.6044E-11	.6319E-11
170.	.6310E-11	.6029E-11	.5785E-11	.5583E-11	.5425E-11	.5313E-11	.5243E-11	.5210E-11	.5203E-11	.5210E-11	.5243E-11	.5312E-11	.5424E-11	.5581E-11	.5783E-11	.6027E-11	.6310E-11
180.	.6306E-11	.6022E-11	.5774E-11	.5569E-11	.5409E-11	.5295E-11	.5223E-11	.5189E-11	.5182E-11	.5189E-11	.5223E-11	.5293E-11	.5407E-11	.5566E-11	.5771E-11	.6019E-11	.6306E-11
190.	.6305E-11	.6020E-11	.5771E-11	.5565E-11	.5405E-11	.5290E-11	.5218E-11	.5184E-11	.5177E-11	.5184E-11	.5218E-11	.5289E-11	.5403E-11	.5563E-11	.5768E-11	.6017E-11	.6305E-11
200.	.6305E-11	.6020E-11	.5771E-11	.5565E-11	.5405E-11	.5290E-11	.5219E-11	.5185E-11	.5177E-11	.5184E-11	.5218E-11	.5289E-11	.5403E-11	.5563E-11	.5768E-11	.6017E-11	.6305E-11
210.	.6307E-11	.6023E-11	.5776E-11	.5571E-11	.5412E-11	.5298E-11	.5228E-11	.5194E-11	.5186E-11	.5193E-11	.5227E-11	.5297E-11	.5411E-11	.5569E-11	.5774E-11	.6022E-11	.6307E-11
220.	.6313E-11	.6035E-11	.5793E-11	.5593E-11	.5437E-11	.5326E-11	.5257E-11	.5224E-11	.5217E-11	.5224E-11	.5257E-11	.5325E-11	.5436E-11	.5591E-11	.5790E-11	.6035E-11	.6313E-11
230.	.6326E-11	.6060E-11	.5829E-11	.5630E-11	.5490E-11	.5385E-11	.5321E-11	.5290E-11	.5284E-11	.5290E-11	.5320E-11	.5384E-11	.5489E-11	.5636E-11	.5826E-11	.6060E-11	.6326E-11
240.	.6348E-11	.6102E-11	.5890E-11	.5715E-11	.5581E-11	.5486E-11	.5429E-11	.5403E-11	.5398E-11	.5403E-11	.5428E-11	.5485E-11	.5579E-11	.5713E-11	.5887E-11	.6102E-11	.6348E-11
250.	.6380E-11	.6165E-11	.5981E-11	.5830E-11	.5716E-11	.5637E-11	.5591E-11	.5571E-11	.5568E-11	.5571E-11	.5590E-11	.5636E-11	.5714E-11	.5828E-11	.5978E-11	.6165E-11	.6380E-11
260.	.6424E-11	.6256E-11	.6103E-11	.5986E-11	.5899E-11	.5841E-11	.5810E-11	.5799E-11	.5798E-11	.5798E-11	.5809E-11	.5840E-11	.5897E-11	.5983E-11	.6100E-11	.6255E-11	.6424E-11
270.	.6478E-11	.6356E-11	.6256E-11	.6180E-11	.6128E-11	.6098E-11	.6085E-11	.6085E-11	.6088E-11	.6085E-11	.6096E-11	.6126E-11	.6178E-11	.6257E-11	.6365E-11	.6501E-11	.6478E-11
280.	.6541E-11	.6479E-11	.6435E-11	.6408E-11	.6397E-11	.6400E-11	.6410E-11	.6423E-11	.6430E-11	.6423E-11	.6409E-11	.6398E-11	.6395E-11	.6406E-11	.6432E-11	.6484E-11	.6541E-11
290.	.6610E-11	.6615E-11	.6632E-11	.6661E-11	.6696E-11	.6735E-11	.6771E-11	.6799E-11	.6811E-11	.6799E-11	.6770E-11	.6733E-11	.6694E-11	.6658E-11	.6629E-11	.6611E-11	.6610E-11
300.	.6682E-11	.6756E-11	.6830E-11	.6924E-11	.7009E-11	.7086E-11	.7149E-11	.7193E-11	.7210E-11	.7193E-11	.7148E-11	.7084E-11	.7006E-11	.6922E-11	.6835E-11	.6748E-11	.6662E-11
310.	.6752E-11	.6895E-11	.7041E-11	.7184E-11	.7317E-11	.7433E-11	.7524E-11	.7583E-11	.7604E-11	.7582E-11	.7522E-11	.7431E-11	.7315E-11	.7181E-11	.7037E-11	.6885E-11	.6729E-11
320.	.6817E-11	.7022E-11	.7227E-11	.7424E-11	.7602E-11	.7753E-11	.7870E-11	.7944E-11	.7970E-11	.7943E-11	.7866E-11	.7751E-11	.7600E-11	.7421E-11	.7224E-11	.7020E-11	.6814E-11
330.	.6872E-11	.7131E-11	.7387E-11	.7629E-11	.7846E-11	.8020E-11	.8166E-11	.8253E-11	.8283E-11	.8252E-11	.8165E-11	.8026E-11	.7843E-11	.7626E-11	.7383E-11	.7126E-11	.6864E-11
340.	.6914E-11	.7214E-11	.7509E-11	.7786E-11	.8034E-11	.8240E-11	.8395E-11	.8491E-11	.8524E-11	.8490E-11	.8393E-11	.8237E-11	.8031E-11	.7783E-11	.7506E-11	.7215E-11	.6921E-11
350.	.6941E-11	.7260E-11	.7580E-11	.7880E-11	.8155E-11	.8376E-11	.8542E-11	.8645E-11	.8680E-11	.8644E-11	.8541E-11	.8374E-11	.8152E-11	.7885E-11	.7585E-11	.7265E-11	.6941E-11

90. -90.

.6616E-11 .6620E-11

Number of Data Values: 612

Mean Value: 6579E-11

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 555.9
F10 230.00 F10B: 230.00 GI: 400.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40	50	60	70	80
0.	.4023E-11	.4240E-11	.4469E-11	.4677E-11	.4863E-11	.5018E-11	.5135E-11	.5207E-11	.5231E-11	5206E-11	.5133E-11	5017E-11	4861E-11	4675E-11	[illegible]	4245E-11	4021E-11
10.	.4020E-11	.4242E-11	.4468E-11	.4665E-11	.4849E-11	.5002E-11	.5117E-11	.5188E-11	.5212E-11	.5188E-11	.5116E-11	.5000E-11	4847E-11	4663E-11	[illegible]	4235E-11	4005E-11
20.	.4007E-11	.4216E-11	.4421E-11	.4615E-11	.4789E-11	.4934E-11	.5044E-11	.5112E-11	.5135E-11	.5111E-11	.5043E-11	.4933E-11	.4787E-11	.4613E-11	[illegible]	4213E-11	4005E-11
30.	.3986E-11	.4173E-11	.4350E-11	.4533E-11	.4691E-11	.4823E-11	.4923E-11	.4986E-11	.5007E-11	4985E-11	.4922E-11	.4822E-11	4689E-11	4531E-11	[illegible]	4170E-11	3983E-11
40.	.3957E-11	.4116E-11	.4274E-11	.4425E-11	.4561E-11	.4676E-11	.4764E-11	.4820E-11	.4839E-11	.4820E-11	.4764E-11	.4675E-11	.4559E-11	4423E-11	[illegible]	4114E-11	3955E-11
50.	.3923E-11	.4049E-11	.4175E-11	.4297E-11	.4409E-11	.4504E-11	.4578E-11	.4626E-11	.4642E-11	.4625E-11	.4577E-11	.4503E-11	4407E-11	4295E-11	[illegible]	4047E-11	3921E-11
60.	.3886E-11	.3975E-11	.4067E-11	.4157E-11	.4242E-11	.4316E-11	.4375E-11	.4414E-11	.4428E-11	.4413E-11	.4374E-11	.4315E-11	4241E-11	.4156E-11	[illegible]	3973E-11	3884E-11
70.	.3847E-11	.3898E-11	.3954E-11	.4013E-11	.4070E-11	.4122E-11	.4165E-11	.4195E-11	.4206E-11	.4194E-11	.4165E-11	.4121E-11	.4069E-11	4011E-11	[illegible]	3896E-11	3845E-11
80.	.3808E-11	.3821E-11	.3842E-11	.3869E-11	.3899E-11	.3930E-11	.3958E-11	.3978E-11	.3987E-11	.3978E-11	3957E-11	.3929E-11	.3897E-11	.3867E-11	[illegible]	.3819E-11	3806E-11
90.	.3770E-11	.3747E-11	.3734E-11	.3730E-11	.3735E-11	.3746E-11	.3759E-11	.3771E-11	.3777E-11	.3771E-11	.3759E-11	.3745E-11	.3734E-11	.3729E-11	[illegible]	.3745E-11	3768E-11
100.	.3735E-11	.3677E-11	.3633E-11	.3602E-11	.3583E-11	.3575E-11	.3576E-11	.3581E-11	.3584E-11	.3580E-11	.3575E-11	.3575E-11	.3582E-11	.3600E-11	[illegible]	.3675E-11	3735E-11
110.	.3703E-11	.3615E-11	.3542E-11	.3486E-11	.3447E-11	.3423E-11	.3412E-11	.3410E-11	.3412E-11	.3410E-11	.3412E-11	.3422E-11	.3446E-11	.3485E-11	[illegible]	.3613E-11	3701E-11
120.	.3675E-11	.3560E-11	.3463E-11	.3386E-11	.3329E-11	.3291E-11	.3270E-11	.3263E-11	.3263E-11	.3263E-11	.3270E-11	.3290E-11	.3320E-11	.3384E-11	[illegible]	.3559E-11	3672E-11
130.	.3651E-11	.3514E-11	.3397E-11	.3302E-11	.3231E-11	.3181E-11	.3153E-11	3141E-11	.3139E-11	.3141E-11	.3152E-11	.3181E-11	.3230E-11	.3301E-11	[illegible]	.3512E-11	3649E-11
140.	.3632E-11	.3477E-11	.3344E-11	.3235E-11	.3152E-11	.3095E-11	.3060E-11	3044E-11	.3041E-11	.3044E-11	.3059E-11	.3094E-11	3151E-11	.3234E-11	[illegible]	.3475E-11	.3630E-11
150.	.3618E-11	.3449E-11	.3305E-11	.3186E-11	.3094E-11	.3030E-11	.2990E-11	.2972E-11	.2968E-11	.2972E-11	.2990E-11	3029E-11	.3093E-11	.3185E-11	[illegible]	.3448E-11	.3615E-11
160.	.3608E-11	.3431E-11	.3278E-11	.3152E-11	.3055E-11	.2986E-11	.2943E-11	.2923E-11	.2919E-11	.2923E-11	.2943E-11	.2985E-11	.3054E-11	.3151E-11	[illegible]	.3429E-11	3606E-11
170.	.3602E-11	.3420E-11	.3262E-11	.3132E-11	.3031E-11	.2960E-11	.2916E-11	.2894E-11	.2890E-11	.2894E-11	.2915E-11	.2959E-11	.3030E-11	.3131E-11	[illegible]	3418E-11	3600E-11
180.	.3599E-11	.3414E-11	.3255E-11	.3123E-11	.3021E-11	.2948E-11	.2903E-11	.2881E-11	.2877E-11	.2881E-11	.2903E-11	2947E-11	.3020E-11	.3121E-11	[illegible]	.3413E-11	3599E-11
190.	.3599E-11	.3413E-11	.3253E-11	.3120E-11	.3018E-11	.2945E-11	.2900E-11	.2878E-11	.2873E-11	.2878E-11	.2899E-11	.2945E-11	.3017E-11	.3119E-11	[illegible]	.3411E-11	.3597E-11
200.	.3599E-11	.3413E-11	.3253E-11	.3121E-11	.3018E-11	.2945E-11	.2900E-11	.2878E-11	.2874E-11	.2878E-11	.2900E-11	.2945E-11	.3017E-11	.3119E-11	[illegible]	.3411E-11	.3597E-11
210.	.3600E-11	.3415E-11	.3256E-11	.3125E-11	.3023E-11	.2950E-11	.2906E-11	.2884E-11	.2879E-11	.2884E-11	.2905E-11	.2950E-11	.3022E-11	.3123E-11	[illegible]	.3414E-11	.3598E-11
220.	.3604E-11	.3423E-11	.3267E-11	.3138E-11	.3039E-11	.2968E-11	.2924E-11	.2904E-11	.2899E-11	.2903E-11	.2924E-11	.2968E-11	.3038E-11	.3137E-11	[illegible]	.3421E-11	.3602E-11
230.	.3612E-11	.3439E-11	.3290E-11	.3167E-11	.3073E-11	.3006E-11	.2965E-11	.2945E-11	.2941E-11	.2945E-11	.2964E-11	.3005E-11	.3072E-11	.3166E-11	[illegible]	.3437E-11	.3610E-11
240.	.3626E-11	.3467E-11	.3329E-11	.3217E-11	.3131E-11	.3070E-11	.3034E-11	.3017E-11	.3014E-11	.3017E-11	.3033E-11	.3070E-11	.3130E-11	.3216E-11	[illegible]	.3465E-11	.3624E-11
250.	.3648E-11	.3508E-11	.3398E-11	.3291E-11	.3217E-11	.3167E-11	.3137E-11	.3124E-11	.3122E-11	.3124E-11	.3137E-11	.3166E-11	.3216E-11	.3290E-11	[illegible]	.3506E-11	.3645E-11
260.	.3676E-11	.3563E-11	.3467E-11	.3391E-11	.3335E-11	.3298E-11	.3278E-11	.3271E-11	.3270E-11	.3270E-11	.3277E-11	.3297E-11	.3334E-11	.3390E-11	[illegible]	.3561E-11	.3674E-11
270.	.3711E-11	.3632E-11	.3566E-11	.3517E-11	.3483E-11	.3464E-11	.3456E-11	.3456E-11	.3458E-11	.3465E-11	.3465E-11	.3483E-11	.3482E-11	.3516E-11	[illegible]	.3670E-11	.3709E-11
280.	.3751E-11	.3712E-11	.3683E-11	.3666E-11	.3659E-11	.3660E-11	.3667E-11	.3676E-11	.3680E-11	.3675E-11	.3667E-11	.3659E-11	.3658E-11	.3664E-11	[illegible]	.3710E-11	.3751E-11
290.	.3790E-11	.3801E-11	.3813E-11	.3831E-11	.3855E-11	.3886E-11	.3904E-11	.3922E-11	.3930E-11	.3922E-11	.3903E-11	.3879E-11	.3853E-11	.3836E-11	[illegible]	.3811E-11	.3799E-11
300.	.3845E-11	.3894E-11	.3948E-11	.4005E-11	.4061E-11	.4112E-11	.4154E-11	.4183E-11	.4194E-11	.4186E-11	.4154E-11	.4111E-11	.4060E-11	.4003E-11	[illegible]	.3932E-11	.3843E-11
310.	.3892E-11	.3986E-11	.4082E-11	.4177E-11	.4266E-11	.4343E-11	.4404E-11	.4444E-11	.4458E-11	.4443E-11	.4403E-11	.4342E-11	.4264E-11	.4175E-11	[illegible]	.3983E-11	.3889E-11
320.	.3934E-11	.4078E-11	.4206E-11	.4337E-11	.4457E-11	.4558E-11	.4637E-11	.4687E-11	.4704E-11	.4686E-11	.4636E-11	.4557E-11	.4455E-11	.4335E-11	[illegible]	.4064E-11	.3932E-11
330.	.3970E-11	.4142E-11	.4312E-11	.4474E-11	.4620E-11	.4743E-11	.4837E-11	.4896E-11	.4916E-11	.4895E-11	.4836E-11	.4742E-11	.4619E-11	.4472E-11	[illegible]	.4114E-11	.3968E-11
340.	.3998E-11	.4197E-11	.4394E-11	.4580E-11	.4747E-11	.4887E-11	.4992E-11	.5058E-11	.5080E-11	.5058E-11	.4991E-11	.4885E-11	.4745E-11	.4578E-11	[illegible]	.4195E-11	.3996E-11
350.	.4016E-11	.4233E-11	.4447E-11	.4649E-11	.4829E-11	.4980E-11	.5093E-11	.5163E-11	.5187E-11	.5163E-11	.5092E-11	.4978E-11	.4820E-11	.4647E-11	[illegible]	.4231E-11	.4014E-11

Number of Data Values: 612

Mean Value: .3705E-11

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 600.0
F10: 230.00 F10B: 230.00 GI: 400.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30	-20	-10	0	(-SOUTH) LATITUDES (+NORTH) 10	20.	30	40	50	60	70	80
0.	.2660E-11	.2831E-11	.2993E-11	.3147E-11	.3284E-11	.3399E-11	.3486E-11	.3540E-11	.3558E-11	.3539E-11	.3485E-11	.3398E-11	.3283E-11	.3145E-11	.2992E-11	.2870E-11	.2666E-11
10.	.2665E-11	.2827E-11	.2987E-11	.3138E-11	.3274E-11	.3387E-11	.3473E-11	.3526E-11	.3544E-11	.3525E-11	.3472E-11	.3386E-11	.3272E-11	.3136E-11	.2985E-11	.2825E-11	.2664E-11
20.	.2656E-11	.2808E-11	.2958E-11	.3101E-11	.3229E-11	.3337E-11	.3418E-11	.3469E-11	.3486E-11	.3469E-11	.3418E-11	.3336E-11	.3228E-11	.3100E-11	.2957E-11	.2806E-11	.2654E-11
30.	.2640E-11	.2776E-11	.2912E-11	.3041E-11	.3157E-11	.3254E-11	.3329E-11	.3375E-11	.3391E-11	.3375E-11	.3328E-11	.3253E-11	.3155E-11	.3039E-11	.2910E-11	.2775E-11	.2639E-11
40.	.2620E-11	.2735E-11	.2850E-11	.2961E-11	.3061E-11	.3146E-11	.3211E-11	.3252E-11	.3267E-11	.3252E-11	.3210E-11	.3145E-11	.3060E-11	.2959E-11	.2849E-11	.2733E-11	.2618E-11
50.	.2595E-11	.2686E-11	.2778E-11	.2867E-11	.2949E-11	.3019E-11	.3074E-11	.3109E-11	.3121E-11	.3108E-11	.3073E-11	.3018E-11	.2944E-11	.2866E-11	.2777E-11	.2685E-11	.2594E-11
60.	.2560E-11	.2633E-11	.2699E-11	.2765E-11	.2827E-11	.2882E-11	.2925E-11	.2953E-11	.2963E-11	.2953E-11	.2924E-11	.2881E-11	.2826E-11	.2764E-11	.2698E-11	.2631E-11	.2567E-11
70.	.2516E-11	.2577E-11	.2617E-11	.2660E-11	.2702E-11	.2740E-11	.2771E-11	.2793E-11	.2801E-11	.2792E-11	.2771E-11	.2739E-11	.2701E-11	.2659E-11	.2616E-11	.2575E-11	.2538E-11
80.	.2512E-11	.2521E-11	.2536E-11	.2555E-11	.2577E-11	.2600E-11	.2620E-11	.2635E-11	.2641E-11	.2635E-11	.2619E-11	.2599E-11	.2576E-11	.2554E-11	.2535E-11	.2520E-11	.2510E-11
90.	.2404E-11	.2467E-11	.2458E-11	.2455E-11	.2459E-11	.2466E-11	.2476E-11	.2485E-11	.2489E-11	.2485E-11	.2476E-11	.2466E-11	.2458E-11	.2454E-11	.2457E-11	.2466E-11	.2483E-11
100.	.2459E-11	.2417E-11	.2395E-11	.2363E-11	.2349E-11	.2344E-11	.2344E-11	.2348E-11	.2350E-11	.2347E-11	.2344E-11	.2343E-11	.2349E-11	.2362E-11	.2384E-11	.2416E-11	.2457E-11
110.	.2436E-11	.2372E-11	.2320E-11	.2280E-11	.2252E-11	.2235E-11	.2227E-11	.2225E-11	.2226E-11	.2225E-11	.2226E-11	.2234E-11	.2251E-11	.2279E-11	.2319E-11	.2371E-11	.2434E-11
120.	.2415E-11	.2333E-11	.2263E-11	.2208E-11	.2167E-11	.2140E-11	.2126E-11	.2120E-11	.2120E-11	.2120E-11	.2125E-11	.2140E-11	.2167E-11	.2207E-11	.2262E-11	.2331E-11	.2414E-11
130.	.2398E-11	.2308E-11	.2216E-11	.2140E-11	.2097E-11	.2062E-11	.2042E-11	.2033E-11	.2032E-11	.2033E-11	.2042E-11	.2062E-11	.2096E-11	.2147E-11	.2215E-11	.2298E-11	.2397E-11
140.	.2384E-11	.2273E-11	.2178E-11	.2101E-11	.2042E-11	.2001E-11	.1976E-11	.1965E-11	.1963E-11	.1965E-11	.1976E-11	.2000E-11	.2041E-11	.2100E-11	.2177E-11	.2272E-11	.2383E-11
150.	.2374E-11	.2253E-11	.2150E-11	.2065E-11	.2000E-11	.1955E-11	.1927E-11	.1914E-11	.1911E-11	.1914F-11	.1927E-11	.1954F-11	.2000E-11	.2064E-11	.2149E-11	.2252E-11	.2373E-11
160.	.2367E-11	.2240E-11	.2131E-11	.2041E-11	.1972E-11	.1924E-11	.1894E-11	.1880E-11	.1877E-11	.1879E-11	.1893E-11	.1923E-11	.1972E-11	.2040E-11	.2130E-11	.2239E-11	.2366E-11
170.	.2363E-11	.2232E-11	.2119E-11	.2027E-11	.1956E-11	.1905E-11	.1874E-11	.1859E-11	.1856E-11	.1859E-11	.1874E-11	.1905E-11	.1955E-11	.2026E-11	.2118E-11	.2231E-11	.2361E-11
180.	.2361F-11	.2228E-11	.2114E-11	.2021E-11	.1948E-11	.1897E-11	.1865E-11	.1850E-11	.1847E-11	.1850F-11	.1865E-11	.1897E-11	.1948E-11	.2020E-11	.2113E-11	.2227E-11	.2360E-11
190.	.2361E-11	.2228E-11	.2113E-11	.2019E-11	.1946E-11	.1895E-11	.1863E-11	.1848E-11	.1844E-11	.1848E-11	.1863E-11	.1895E-11	.1946E-11	.2018E-11	.2112E-11	.2226E-11	.2359E-11
200.	.2361E-11	.2228E-11	.2113E-11	.2019E-11	.1947E-11	.1895E-11	.1863E-11	.1848E-11	.1845E-11	.1848E-11	.1863E-11	.1895E-11	.1946E-11	.2018E-11	.2112E-11	.2226E-11	.2359E-11
210.	.2361E-11	.2229E-11	.2115E-11	.2021E-11	.1950E-11	.1899E-11	.1867E-11	.1852E-11	.1849E-11	.1852E-11	.1867E-11	.1898E-11	.1949E-11	.2021E-11	.2114E-11	.2228E-11	.2361E-11
220.	.2364E-11	.2235E-11	.2123E-11	.2032E-11	.1961E-11	.1911E-11	.1880E-11	.1866E-11	.1863E-11	.1866E-11	.1880E-11	.1911E-11	.1960E-11	.2031E-11	.2122E-11	.2233E-11	.2363E-11
230.	.2370E-11	.2246E-11	.2139E-11	.2052E-11	.1985E-11	.1930E-11	.1909E-11	.1895E-11	.1892E-11	.1895E-11	.1909E-11	.1937E-11	.1985E-11	.2051E-11	.2138E-11	.2245E-11	.2369E-11
240.	.2381E-11	.2266E-11	.2160E-11	.2087E-11	.2026E-11	.1983E-11	.1958E-11	.1946E-11	.1944E-11	.1946E-11	.1957E-11	.1983E-11	.2026E-11	.2087E-11	.2166E-11	.2265E-11	.2379E-11
250.	.2396E-11	.2295E-11	.2209E-11	.2140E-11	.2088E-11	.2052E-11	.2031E-11	.2022E-11	.2020E-11	.2022E-11	.2030E-11	.2051E-11	.2087E-11	.2139E-11	.22..8E-11	.2294E-11	.2394E-11
260.	.2416E-11	.2335E-11	.2266E-11	.2212E-11	.2172E-11	.2145E-11	.2131E-11	.2126E-11	.2126E-11	.2126E-11	.2131E-11	.2145E-11	.2171E-11	.2211E-11	.2263E-11	.2333E-11	.2415E-11
270.	.2442E-11	.2384E-11	.2337E-11	.2302E-11	.2278E-11	.2264E-11	.2258E-11	.2258E-11	.2259E-11	.2258E-11	.2258E-11	.2263E-11	.2277E-11	.2301E-11	.2336E-11	.2383E-11	.2440E-11
280.	.2472E-11	.2442E-11	.2422E-11	.2409E-11	.2404E-11	.2405E-11	.2410E-11	.2416E-11	.2419E-11	.2416E-11	.2409E-11	.2404E-11	.2403E-11	.2408E-11	.2420E-11	.2441E-11	.2470E-11
290.	.2504E-11	.2507E-11	.2515E-11	.2520E-11	.2545E-11	.2564E-11	.2501E-11	.2594E-11	.2600E-11	.2594E-11	.2501E-11	.2563E-11	.2544E-11	.2527E-11	.2514E-11	.2505E-11	.2503E-11
300.	.2539E-11	.2574E-11	.2613E-11	.2654E-11	.2695E-11	.2732E-11	.2763E-11	.2784E-11	.2792E-11	.2784F-11	.2763E-11	.2732E-11	.2694E-11	.2653E-11	..12E-11	.2572E-11	.2537E-11
310.	.2572E-11	.2644E-11	.2711E-11	.2780E-11	.2845E-11	.2901E-11	.2946E-11	.2975E-11	.2985E-11	.2975E-11	.2945E-11	.2900E-11	.2843E-11	.2778E-11	.2709E-11	.2639E-11	.2570E-11
320.	.2603E-11	.2702E-11	.2801E-11	.2897E-11	.2984E-11	.3059E-11	.3117E-11	.3154E-11	.3166E-11	.3153E-11	.3116E-11	.3058E-11	.2983E-11	.2895E-11	.2799E-11	.2700E-11	.2601E-11
330.	.2629E-11	.2754E-11	.2879E-11	.2997E-11	.3105E-11	.3196E-11	.3265E-11	.3308E-11	.3323E-11	.3308E-11	.3264E-11	.3195E-11	.3104E-11	.2996E-11	.2877E-11	.2752E-11	.2627E-11
340.	.2649E-11	.2794E-11	.2939E-11	.3075E-11	.3190E-11	.3282E-11	.3380E-11	.3429E-11	.3445E-11	.3428E-11	.3379E-11	.3301E-11	.3197E-11	.3074E-11	.2937E-11	.2793E-11	.2648E-11
350.	.2662E-11	.2821E-11	.2977E-11	.3126E-11	.3259E-11	.3371E-11	.3455E-11	.3507E-11	.3525E-11	.3507E-11	.3454E-11	.3370E-11	.3258E-11	.3124E-11	.2976E-11	.2819E-11	.2661E-11

90. -90.

.2507E-11 .2509E-11

Number of Data Values: 612

Mean Value: .2498E-11

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 700.0
F10 250.00 F10B. 250.00 GI: 400.00 (1-KP OR 2-AP): 2

LON (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80	-70	-60.	-50	-40.	-30	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0	.1107E-11	.1109E-11	.1271E-11	.1349E-11	.1420E-11	.1479E-11	.1525E-11	.1553E-11	.1562E-11	.1553E-11	.1524E-11	.1479E-11	.1419E-11	.1340E-11	.1270E-11	.1188E-11	.1106E-11
10	.1106E-11	.1107E-11	.1267E-11	.1344E-11	.1414E-11	.1473E-11	.1518E-11	.1546E-11	.1555E-11	.1545E-11	.1517E-11	.1473E-11	.1414E-11	.1344E-11	.1266E-11	.1186E-11	.1105E-11
20	.1101E-11	.1177E-11	.1257E-11	.1326E-11	.1392E-11	.1447E-11	.1489E-11	.1516E-11	.1525E-11	.1516E-11	.1489E-11	.1447E-11	.1391E-11	.1325E-11	.1252E-11	.1176E-11	.1101E-11
30	.1094E-11	.1161E-11	.1238E-11	.1295E-11	.1354E-11	.1404E-11	.1443E-11	.1467E-11	.1475E-11	.1467E-11	.1442E-11	.1404E-11	.1354E-11	.1294E-11	.1229E-11	.1161E-11	.1093E-11
40	.1083E-11	.1141E-11	.1199E-11	.1254E-11	.1305E-11	.1349E-11	.1382E-11	.1403E-11	.1411E-11	.1403E-11	.1382E-11	.1349E-11	.1305E-11	.1254E-11	.1190E-11	.1140E-11	.1083E-11
50	.1071E-11	.1116E-11	.1164E-11	.1207E-11	.1246E-11	.1284E-11	.1312E-11	.1330E-11	.1336E-11	.1329E-11	.1311E-11	.1284E-11	.1240E-11	.1206E-11	.1162E-11	.1116E-11	.1071E-11
60	.1058E-11	.1090E-11	.1127E-11	.1156E-11	.1187E-11	.1214E-11	.1236E-11	.1250E-11	.1255E-11	.1250E-11	.1236E-11	.1214E-11	.1186E-11	.1155E-11	.1122E-11	.1089E-11	.1057E-11
70	.1044E-11	.1062E-11	.1082E-11	.1103E-11	.1124E-11	.1143E-11	.1159E-11	.1170E-11	.1174E-11	.1169E-11	.1159E-11	.1143E-11	.1124E-11	.1103E-11	.1082E-11	.1062E-11	.1043E-11
80	.1030E-11	.1035E-11	.1042E-11	.1052E-11	.1063E-11	.1074E-11	.1084E-11	.1091E-11	.1094E-11	.1091E-11	.1083E-11	.1073E-11	.1062E-11	.1051E-11	.1042E-11	.1034E-11	.1030E-11
90	.1017E-11	.1009E-11	.1004E-11	.1003E-11	.1004E-11	.1008E-11	.1013E-11	.1017E-11	.1019E-11	.1017E-11	.1013E-11	.1008E-11	.1004E-11	.1002E-11	.1003E-11	.1008E-11	.1016E-11
100	.1004E-11	.9841E-12	.9685E-12	.9576E-12	.9511E-12	.9484E-12	.9486E-12	.9503E-12	.9515E-12	.9502E-12	.9484E-12	.9482E-12	.9587E-12	.9571E-12	.9679E-12	.9834E-12	.1004E-11
110	.9930E-12	.9621E-12	.9369E-12	.9175E-12	.9048E-12	.8958E-12	.8920E-12	.8914E-12	.8919E-12	.8913E-12	.8919E-12	.8955E-12	.9036E-12	.9171E-12	.9363E-12	.9615E-12	.9923E-12
120	.9831E-12	.9438E-12	.9095E-12	.8831E-12	.8636E-12	.8508E-12	.8438E-12	.8413E-12	.8411E-12	.8412E-12	.8436E-12	.8506E-12	.8633E-12	.8826E-12	.9090E-12	.9424E-12	.9824E-12
130	.9748E-12	.9271E-12	.8868E-12	.8545E-12	.8303E-12	.8138E-12	.8042E-12	.8002E-12	.7996E-12	.8001E-12	.8041E-12	.8136E-12	.8300E-12	.8541E-12	.8863E-12	.9264E-12	.9748E-12
140	.9681E-12	.9144E-12	.8686E-12	.8328E-12	.8041E-12	.7840E-12	.7732E-12	.7680E-12	.7671E-12	.7690E-12	.7731E-12	.7846E-12	.8038E-12	.8316E-12	.8683E-12	.9137E-12	.9674E-12
150	.9631E-12	.9049E-12	.8554E-12	.8153E-12	.7847E-12	.7634E-12	.7503E-12	.7443E-12	.7431E-12	.7443E-12	.7502E-12	.7632E-12	.7844E-12	.8149E-12	.8549E-12	.9043E-12	.9624E-12
160	.9597E-12	.8984E-12	.8462E-12	.8039E-12	.7716E-12	.7489E-12	.7349E-12	.7283E-12	.7270E-12	.7283E-12	.7348E-12	.7487E-12	.7713E-12	.8035E-12	.8457E-12	.8970E-12	.9598E-12
170	.9577E-12	.8946E-12	.8409E-12	.7972E-12	.7639E-12	.7403E-12	.7258E-12	.7190E-12	.7175E-12	.7189E-12	.7257E-12	.7402E-12	.7636E-12	.7960E-12	.8404E-12	.8948E-12	.9578E-12
180	.9568E-12	.8928E-12	.8384E-12	.7942E-12	.7603E-12	.7365E-12	.7217E-12	.7147E-12	.7132E-12	.7146E-12	.7216E-12	.7363E-12	.7601E-12	.7930E-12	.8379E-12	.8922E-12	.9561E-12
190	.9565E-12	.8924E-12	.8378E-12	.7934E-12	.7595E-12	.7355E-12	.7207E-12	.7136E-12	.7121E-12	.7136E-12	.7206E-12	.7353E-12	.7592E-12	.7931E-12	.8373E-12	.8918E-12	.9559E-12
200	.9566E-12	.8924E-12	.8379E-12	.7935E-12	.7595E-12	.7356E-12	.7209E-12	.7137E-12	.7122E-12	.7137E-12	.7207E-12	.7354E-12	.7593E-12	.7931E-12	.8374E-12	.8918E-12	.9559E-12
210	.9570E-12	.8932E-12	.8389E-12	.7948E-12	.7611E-12	.7373E-12	.7226E-12	.7156E-12	.7140E-12	.7155E-12	.7225E-12	.7371E-12	.7608E-12	.7944E-12	.8384E-12	.8926E-12	.9563E-12
220	.9583E-12	.8950E-12	.8426E-12	.7994E-12	.7663E-12	.7430E-12	.7287E-12	.7219E-12	.7205E-12	.7219E-12	.7286E-12	.7429E-12	.7660E-12	.7990E-12	.8421E-12	.8952E-12	.9576E-12
230	.9613E-12	.9013E-12	.8504E-12	.8091E-12	.7776E-12	.7554E-12	.7419E-12	.7356E-12	.7343E-12	.7356E-12	.7418E-12	.7552E-12	.7773E-12	.8087E-12	.8499E-12	.9007E-12	.9606E-12
240	.9662E-12	.9100E-12	.8630E-12	.8257E-12	.7969E-12	.7768E-12	.7646E-12	.7591E-12	.7581E-12	.7591E-12	.7645E-12	.7766E-12	.7966E-12	.8253E-12	.8633E-12	.9102E-12	.9659E-12
250	.9736E-12	.9249E-12	.8838E-12	.8507E-12	.8259E-12	.8089E-12	.7990E-12	.7947E-12	.7941E-12	.7947E-12	.7988E-12	.8087E-12	.8256E-12	.8503E-12	.8832E-12	.9243E-12	.9729E-12
260	.9836E-12	.9440E-12	.9110E-12	.8849E-12	.8657E-12	.8531E-12	.8463E-12	.8439E-12	.8438E-12	.8438E-12	.8461E-12	.8529E-12	.8654E-12	.8844E-12	.9104E-12	.9434E-12	.9829E-12
270	.9960E-12	.9640E-12	.9453E-12	.9282E-12	.9166E-12	.9098E-12	.9071E-12	.9070E-12	.9077E-12	.9078E-12	.9069E-12	.9095E-12	.9162E-12	.9278E-12	.9448E-12	.9673E-12	.9953E-12
280	.1011E-11	.9963E-12	.9861E-12	.9800E-12	.9776E-12	.9781E-12	.9805E-12	.9835E-12	.9851E-12	.9834E-12	.9803E-12	.9778E-12	.9772E-12	.9795E-12	.9859E-12	.9956E-12	.1010E-11
290	.1027E-11	.1028E-11	.1032E-11	.1038E-11	.1047E-11	.1056E-11	.1064E-11	.1071E-11	.1074E-11	.1071E-11	.1064E-11	.1055E-11	.1046E-11	.1038E-11	.1031E-11	.1027E-11	.1026E-11
300	.1043E-11	.1061E-11	.1080E-11	.1101E-11	.1121E-11	.1139E-11	.1153E-11	.1165E-11	.1169E-11	.1165E-11	.1155E-11	.1139E-11	.1120E-11	.1100E-11	.1080E-11	.1060E-11	.1043E-11
310	.1060E-11	.1094E-11	.1129E-11	.1163E-11	.1196E-11	.1224E-11	.1247E-11	.1261E-11	.1267E-11	.1261E-11	.1246E-11	.1224E-11	.1195E-11	.1162E-11	.1128E-11	.1093E-11	.1059E-11
320	.1075E-11	.1124E-11	.1174E-11	.1222E-11	.1266E-11	.1304E-11	.1334E-11	.1353E-11	.1359E-11	.1352E-11	.1333E-11	.1304E-11	.1266E-11	.1221E-11	.1173E-11	.1123E-11	.1074E-11
330	.1088E-11	.1156E-11	.1213E-11	.1273E-11	.1328E-11	.1374E-11	.1410E-11	.1432E-11	.1440E-11	.1432E-11	.1409E-11	.1374E-11	.1327E-11	.1272E-11	.1212E-11	.1149E-11	.1087E-11
340	.1098E-11	.1178E-11	.1243E-11	.1312E-11	.1376E-11	.1429E-11	.1469E-11	.1495E-11	.1504E-11	.1495E-11	.1469E-11	.1429E-11	.1375E-11	.1312E-11	.1242E-11	.1170E-11	.1097E-11
350	.1105E-11	.1184E-11	.1263E-11	.1336E-11	.1407E-11	.1465E-11	.1508E-11	.1536E-11	.1545E-11	.1536E-11	.1508E-11	.1464E-11	.1406E-11	.1338E-11	.1262E-11	.1183E-11	.1104E-11

90. -90.

.1028E-11 .1029E-11

Number of Data Values: 612

Mean Value: .1028E-11

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 705.0
F10: 230.00 F100: 230.00 GI: 400.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0	(-SOUTH) LATITUDES (+NORTH) 10	20	30	40	50	60	70	80
0.	.1061E-11	.1140E-11	.1219E-11	.1293E-11	.1364E-11	.1421E-11	.1465E-11	.1493E-11	.1502E-11	.1492E-11	.1465E-11	.1421E-11	.1363E-11	.1294E-11	.1219E-11	.1140E-11	.1061E-11
10.	.1060E-11	.1138E-11	.1216E-11	.1291E-11	.1358E-11	.1415E-11	.1459E-11	.1485E-11	.1495E-11	.1485E-11	.1458E-11	.1415E-11	.1358E-11	.1290E-11	.1215E-11	.1137E-11	.1059E-11
20.	.1056E-11	.1129E-11	.1202E-11	.1273E-11	.1336E-11	.1390E-11	.1431E-11	.1457E-11	.1465E-11	.1456E-11	.1431E-11	.1390E-11	.1336E-11	.1272E-11	.1202E-11	.1128E-11	.1055E-11
30.	.1048E-11	.1114E-11	.1180E-11	.1243E-11	.1300E-11	.1349E-11	.1386E-11	.1409E-11	.1417E-11	.1409E-11	.1386E-11	.1348E-11	.1300E-11	.1242E-11	.1179E-11	.1113E-11	.1047E-11
40.	.1038E-11	.1094E-11	.1150E-11	.1204E-11	.1253E-11	.1295E-11	.1327E-11	.1348E-11	.1355E-11	.1348E-11	.1327E-11	.1294E-11	.1252E-11	.1203E-11	.1149E-11	.1093E-11	.1038E-11
50.	.1027E-11	.1078E-11	.1115E-11	.1158E-11	.1198E-11	.1232E-11	.1259E-11	.1276E-11	.1282E-11	.1276E-11	.1259E-11	.1232E-11	.1197E-11	.1157E-11	.1114E-11	.1069E-11	.1026E-11
60.	.1014E-11	.1043E-11	.1077E-11	.1108E-11	.1138E-11	.1165E-11	.1186E-11	.1200E-11	.1205E-11	.1199E-11	.1185E-11	.1164E-11	.1138E-11	.1108E-11	.1076E-11	.1044E-11	.1013E-11
70.	.1000E-11	.1010E-11	.1037E-11	.1058E-11	.1078E-11	.1096E-11	.1111E-11	.1122E-11	.1125E-11	.1121E-11	.1111E-11	.1096E-11	.1077E-11	.1057E-11	.1037E-11	.1017E-11	.9966E-12
80.	.9878E-12	.9914E-12	.9985E-12	.1008E-11	.1018E-11	.1029E-11	.1038E-11	.1046E-11	.1049E-11	.1046E-11	.1038E-11	.1028E-11	.1018E-11	.1007E-11	.9979E-12	.9907E-12	.9863E-12
90	.9740E-12	.9660E-12	.9615E-12	.9603E-12	.9619E-12	.9656E-12	.9702E-12	.9744E-12	.9764E-12	.9743E-12	.9700E-12	.9653E-12	.9615E-12	.9590E-12	.9669E-12	.9657E-12	.9733E-12
100.	.9619E-12	.9424E-12	.9274E-12	.9168E-12	.9106E-12	.9088E-12	.9081E-12	.9098E-12	.9109E-12	.9097E-12	.9080E-12	.9077E-12	.9102E-12	.9164E-12	.9268E-12	.9417E-12	.9612E-12
110.	.9510E-12	.9212E-12	.8968E-12	.8782E-12	.8651E-12	.8572E-12	.8535E-12	.8529E-12	.8534E-12	.8529E-12	.8534E-12	.8569E-12	.8648E-12	.8777E-12	.8963E-12	.9206E-12	.9503E-12
120.	.9414E-12	.9087E-12	.8784E-12	.8449E-12	.8262E-12	.8138E-12	.8070E-12	.8046E-12	.8045E-12	.8045E-12	.8069E-12	.8136E-12	.8258E-12	.8445E-12	.8699E-12	.9021E-12	.9407E-12
130.	.9334E-12	.8973E-12	.8605E-12	.8174E-12	.7940E-12	.7781E-12	.7689E-12	.7650E-12	.7644E-12	.7649E-12	.7688E-12	.7779E-12	.7937E-12	.8170E-12	.8479E-12	.8867E-12	.9327E-12
140.	.9270E-12	.8731E-12	.8311E-12	.7957E-12	.7688E-12	.7502E-12	.7390E-12	.7340E-12	.7331E-12	.7340E-12	.7389E-12	.7500E-12	.7687E-12	.7953E-12	.8306E-12	.8744E-12	.9264E-12
150.	.9222E-12	.8499E-12	.8102E-12	.7793E-12	.7581E-12	.7295E-12	.7176E-12	.7112E-12	.7106E-12	.7111E-12	.7169E-12	.7293E-12	.7490E-12	.7772E-12	.8177E-12	.8654E-12	.9215E-12
160.	.9189E-12	.8297E-12	.8094E-12	.7686E-12	.7374E-12	.7155E-12	.7021E-12	.6958E-12	.6945E-12	.6958E-12	.7029E-12	.7154E-12	.7372E-12	.7692E-12	.8089E-12	.8591E-12	.9182E-12
170.	.9169E-12	.8360E-12	.8042E-12	.7622E-12	.7308E-12	.7073E-12	.5934E-12	.6867E-12	.6853E-12	.6867E-12	.6933E-12	.7072E-12	.7297E-12	.7618E-12	.8037E-12	.8554E-12	.9162E-12
180.	.9160E-12	.8343E-12	.8018E-12	.7592E-12	.7266E-12	.7036E-12	.6894E-12	.6826E-12	.6812E-12	.6826E-12	.6893E-12	.7034E-12	.7263E-12	.7589E-12	.8014E-12	.8538E-12	.9154E-12
190.	.9158E-12	.8339E-12	.8013E-12	.7585E-12	.7258E-12	.7027E-12	.6884E-12	.6816E-12	.6801E-12	.6816E-12	.6883E-12	.7025E-12	.7255E-12	.7581E-12	.8008E-12	.8533E-12	.9151E-12
200.	.9158E-12	.8340E-12	.8013E-12	.7586E-12	.7259E-12	.7028E-12	.6885E-12	.6817E-12	.6802E-12	.6817E-12	.6884E-12	.7026E-12	.7256E-12	.7582E-12	.8008E-12	.8534E-12	.9152E-12
210.	.9162E-12	.8347E-12	.8023E-12	.7598E-12	.7273E-12	.7044E-12	.6902E-12	.6835E-12	.6820E-12	.6835E-12	.6901E-12	.7042E-12	.7270E-12	.7595E-12	.8019E-12	.8541E-12	.9155E-12
220.	.9173E-12	.8372E-12	.8059E-12	.7642E-12	.7324E-12	.7099E-12	.6961E-12	.6896E-12	.6882E-12	.6896E-12	.6960E-12	.7098E-12	.7321E-12	.7638E-12	.8054E-12	.8566E-12	.9169E-12
230.	.9204E-12	.8429E-12	.8134E-12	.7736E-12	.7432E-12	.7219E-12	.7089E-12	.7028E-12	.7015E-12	.7027E-12	.7088E-12	.7217E-12	.7429E-12	.7732E-12	.8129E-12	.8620E-12	.9197E-12
240.	.9252E-12	.8717E-12	.8263E-12	.7896E-12	.7610E-12	.7424E-12	.7307E-12	.7255E-12	.7244E-12	.7254E-12	.7306E-12	.7422E-12	.7615E-12	.7892E-12	.8250E-12	.8711E-12	.9245E-12
250.	.9318E-12	.8853E-12	.8456E-12	.8137E-12	.7898E-12	.7734E-12	.7638E-12	.7597E-12	.7591E-12	.7597E-12	.7637E-12	.7732E-12	.7895E-12	.8133E-12	.8451E-12	.8847E-12	.9316E-12
260.	.9419E-12	.9037E-12	.8718E-12	.8466E-12	.8282E-12	.8169E-12	.8094E-12	.8071E-12	.8076E-12	.8076E-12	.8094E-12	.8156E-12	.8279E-12	.8442E-12	.8713E-12	.9031E-12	.9412E-12
270.	.9539E-12	.9269E-12	.9050E-12	.8885E-12	.8772E-12	.8707E-12	.8680E-12	.8680E-12	.8687E-12	.8680E-12	.8679E-12	.8704E-12	.8768E-12	.8880E-12	.9044E-12	.9262E-12	.9532E-12
280.	.9693E-12	.9542E-12	.9444E-12	.9385E-12	.9361E-12	.9366E-12	.9389E-12	.9410E-12	.9434E-12	.9417E-12	.9367E-12	.9363E-12	.9357E-12	.9380E-12	.9438E-12	.9535E-12	.9673E-12
290.	.9883E-12	.9843E-12	.9849E-12	.9849E-12	.9883E-12	.1012E-11	.1026E-11	.1029E-11	.1026E-11	.1026E-11	.1020E-11	.1011E-11	.1002E-11	.9943E-12	.9879E-12	.9839E-12	.9828E-12
300.	.9997E-12	.1016E-11	.1037E-11	.1035E-11	.1074E-11	.1092E-11	.1107E-11	.1110E-11	.1121E-11	.1117E-11	.1107E-11	.1092E-11	.1074E-11	.1054E-11	.1035E-11	.1018E-11	.5996E-12
310.	.1016E-11	.1040E-11	.1062E-11	.1115E-11	.1147E-11	.1174E-11	.1196E-11	.1210E-11	.1216E-11	.1210E-11	.1196E-11	.1174E-11	.1146E-11	.1115E-11	.1081E-11	.1047E-11	.1015E-11
320.	.1030E-11	.1070E-11	.1125E-11	.1172E-11	.1215E-11	.1252E-11	.1280E-11	.1299E-11	.1305E-11	.1299E-11	.1280E-11	.1251E-11	.1214E-11	.1171E-11	.1125E-11	.1077E-11	.1030E-11
330.	.1043E-11	.1103E-11	.1163E-11	.1221E-11	.1274E-11	.1319E-11	.1354E-11	.1376E-11	.1383E-11	.1376E-11	.1354E-11	.1319E-11	.1274E-11	.1221E-11	.1163E-11	.1102E-11	.1042E-11
340.	.1052E-11	.1122E-11	.1193E-11	.1260E-11	.1321E-11	.1372E-11	.1412E-11	.1436E-11	.1445E-11	.1436E-11	.1411E-11	.1372E-11	.1320E-11	.1259E-11	.1192E-11	.1123E-11	.1052E-11
350.	.1059E-11	.1135E-11	.1212E-11	.1286E-11	.1351E-11	.1407E-11	.1450E-11	.1476E-11	.1485E-11	.1476E-11	.1449E-11	.1407E-11	.1351E-11	.1284E-11	.1211E-11	.1134E-11	.1058E-11

Number of Data Values: 612

Mean Value: .9846E-12

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JULIAN: 2440667. TIME: 14002 ALTITUDE(KM): 750.0
F10: 230.00 F10B: 230.00 GI: 400.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30	-20.	-10	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40	50	60	70	80
0.	.7294E-12	.7077E-12	.6465E-12	.9029E-12	.9542E-12	.9976E-12	.1031E-11	1051E-11	.1050E-11	1051E-11	1036E-11	9972E-12	9537E-12	9024E-12	8459E-12	7871E-12	[illegible]
10.	.7206E-12	.7061E-12	.6448E-12	.8996E-12	.9502E-12	.9938E-12	.1026E-11	1046E-11	.1053E-11	1046E-11	.1025E-11	9926E-12	9497E-12	8991E-12	8434E-12	7855E-12	7280E-12
20	.7253E-12	.7793E-12	.8337E-12	.8861E-12	.9337E-12	.974'E-12	.1005E-11	1024E-11	1031E-11	1024E-11	1005E-11	9737E-12	9333E-12	8855E-12	8331E-12	7767E-12	7247E-12
30.	.7190E-12	.7601E-12	.8168E-12	.8638E-12	.9066E-12	.9431E-12	.9709E-12	.9885E-12	.9945E-12	.9884E-12	.9707E-12	.9427E-12	.9062E-12	.8632E-12	.8162E-12	.7675E-12	.7192E-12
40.	.7125E-12	.7533E-12	.7946E-12	.8346E-12	.8713E-12	.9027E-12	.9269E-12	.9423E-12	.9476E-12	.9421E-12	.9266E-12	.9023E-12	.8709E-12	.8341E-12	.7941E-12	.7527E-12	.7119E-12
50.	.7039E-12	.7399E-12	.7807E-12	.8087E-12	.8383E-12	.8560E-12	.8759E-12	.8866E-12	.8934E-12	.8887E-12	.8757E-12	.8556E-12	.8259E-12	.8002E-12	.7682E-12	.7354E-12	.7053E-12
60	.6949E-12	.7178E-12	.7466E-12	.7641E-12	.7863E-12	.8050E-12	.8214E-12	.8317E-12	.8354E-12	.8316E-12	.8212E-12	.8055E-12	.7859E-12	.7637E-12	.7441E-12	.7165E-12	.6959E-12
70.	.6846E-12	.6973E-12	.7117E-12	.7267E-12	.7414E-12	.7550E-12	.7662E-12	.7739E-12	.7768E-12	.7738E-12	.7668E-12	.7547E-12	.7411E-12	.7263E-12	.7112E-12	.6969E-12	.6841E-12
80.	.6740E-12	.6780E-12	.6832E-12	.6900E-12	.6976E-12	.7055E-12	.7126E-12	.7179E-12	.7200E-12	.7178E-12	.7124E-12	.7053E-12	.6973E-12	.6896E-12	.6828E-12	.6776E-12	.6745E-12
90.	.6683E-12	.6594E-12	.6562E-12	.6553E-12	.6565E-12	.6591E-12	.6625E-12	.6656E-12	.6678E-12	.6655E-12	.6624E-12	.6569E-12	.6562E-12	.6519E-12	.6557E-12	.6 90E-12	.6648E-12
100.	.6565E-12	.6422E-12	.6312E-12	.6236E-12	.6190E-12	.6171E-12	.6172E-12	.6184E-12	.6192E-12	.6183E-12	.6171E-12	.6169E-12	.6107E-12	.6232E-12	.6308E-12	.6417E-12	.6568E-12
110.	.6403E-12	.6267E-12	.6090E-12	.5954E-12	.5859E-12	.5802E-12	.5775E-12	.5771E-12	.5774E-12	.5771E-12	.5774E-12	.5800E-12	.5857E-12	.5951E-12	.6066E-12	.6265E-12	.6490E-12
120.	.6413E-12	.6133E-12	.5890E-12	.5713E-12	.5577E-12	.5488E-12	.5439E-12	.5421E-12	.5421E-12	.5421E-12	.5438E-12	.5486E-12	.5575E-12	.5710E-12	.5894E-12	.6120E-12	.6410E-12
130.	.6356E-12	.6021E-12	.5739E-12	.5514E-12	.5345E-12	.5231E-12	.5164E-12	.5136E-12	.5132E-12	.5136E-12	.5163E-12	.5229E-12	.5343E-12	.5511E-12	.5735E-12	.6017E-12	.6351E-12
140.	.6309E-12	.5932E-12	.5613E-12	.5357E-12	.5164E-12	.5030E-12	.4950E-12	.4914E-12	.4907E-12	.4914E-12	.4949E-12	.5028E-12	.5160E-12	.5354E-12	.5610E-12	.5928E-12	.6304E-12
150	.6274E-12	.5868E-12	.5528E-12	.5241E-12	.5029E-12	.4882E-12	.4792E-12	.4758E-12	.4742E-12	.4758E-12	.4791E-12	.4880E-12	.5027E-12	.5230E-12	.5516E-12	.5861E-12	.6269E-12
160.	.6258E-12	.5820E-12	.5456E-12	.5162E-12	.4938E-12	.4782E-12	.4686E-12	.4640E-12	.4631E-12	.4646E-12	.4685E-12	.4780E-12	.4939E-12	.5160E-12	.5453E-12	.5816E-12	.6245E-12
170.	.6236E-12	.5793E-12	.5419E-12	.5116E-12	.4885E-12	.4723E-12	.4623E-12	.4576E-12	.4566E-12	.4576E-12	.4623E-12	.4722E-12	.4886E-12	.5113E-12	.5415E-12	.5789E-12	.6231E-12
180.	.6230E-12	.5781E-12	.5402E-12	.5095E-12	.4861E-12	.4696E-12	.4595E-12	.4547E-12	.45 -12	.4546E-12	.4594E-12	.4695E-12	.4859E-12	.5092E-12	.5390E-12	.5777E-12	.6225E-12
190.	.6228E-12	.5778E-12	.5397E-12	.5090E-12	.4855E-12	.46.9E-12	.4568E-12	.4539E-12	.45 -12	.4539E-12	.4587E-12	.4688E-12	.4853E-12	.5087E-12	.5394E-12	.5774E-12	.6223E-12
200.	.6228E-12	.5779E-12	.5390E-12	.5090E-12	.4855E-12	.4690E-12	.4588E-12	.4540E-12	.4529E-12	.4540E-12	.4588E-12	.4689E-12	.4853E-12	.5087E-12	.5394E-12	.5774E-12	.6223E-12
210.	.6231E-12	.5784E-12	.5405E-12	.5099E-12	.4866E-12	.4702E-12	.4601E-12	.4553E-12	.4542E-12	.4552E-12	.4600E-12	.4701E-12	.4864E-12	.5097E-12	.5402E-12	.5780E-12	.6226E-12
220.	.6241E-12	.5802E-12	.5431E-12	.5131E-12	.4902E-12	.4742E-12	.4643E-12	.4596E-12	.4586E-12	.4596E-12	.4642E-12	.4740E-12	.4904E-12	.5128E-12	.5427E-12	.5790E-12	.6236E-12
230	.6261E-12	.5841E-12	.5485E-12	.5190E-12	.4980E-12	.4827E-12	.4734E-12	.4690E-12	.4681E-12	.4690E-12	.4733E-12	.4826E-12	.4970E-12	.5195E-12	.5482E-12	.5837E-12	.6256E-12
240.	.6296E-12	.5907E-12	.5570E-12	.53.4E-12	.5113E-12	.4974E-12	.4890E-12	.4853E-12	.4845E-12	.4852E-12	.4890E-12	.4973E-12	.5111E-12	.5311E-12	.5575E-12	.5903E-12	.6291E-12
250.	.6340E-12	.6006E-12	.5718E-12	.5487E-12	.5315E-12	.5197E-12	.5120E-12	.5079E-12	.5094E-12	.5090E-12	.5127E-12	.5195E-12	.5313E-12	.5483E-12	.5714F-12	.6002E-12	.6343E-12
260.	.6410E-12	.6140E-12	.5900E-12	.5726E-12	.5592E-12	.5504E-12	.5456E-12	.5440E-12	.5439E-12	.5439E-12	.5456E-12	.5503E-12	.5590E-12	.5723E-12	.5904E-12	.6136E-12	.6414E-12
270.	.6506E-12	.6309E-12	.6149E-12	.6029E-12	.5947E-12	.5900E-12	.5881E-12	.5881E-12	.5885E-12	.5880E-12	.5880F-12	.5898E-12	.5945E-12	.6026E-12	.6145E-12	.6306E-12	.6501E-12
280.	.6609E-12	.6500E-12	.6436E-12	.6393E-12	.6376E-12	.6379E-12	.6397E-12	.6418E-12	.6429E-12	.6417E-12	.6395E-12	.6377E-12	.6373E-12	.6432E-12	.6503E-12	.6604E-12	.6604E-12
290.	.6723E-12	.6730E-12	.6759E-12	.6806E-12	.6865E-12	.6929E-12	.6989E-12	.7036E-12	.7054E-12	.7036E-12	.6988E-12	.6926E-12	.6861E-12	.6802E-12	.6755E-12	.6725E-12	.6717E-12
300.	.6841E-12	.6964E-12	.7102E-12	.7247E-12	.7391E-12	.7523E-12	.7633E-12	.7709E-12	.7736E-12	.7708E-12	.7631E-12	.7521E-12	.7387E-12	.7243E-12	.7097E-12	.695[illegible]E-12	.6836E-12
310.	.6958E-12	.7197E-12	.7446E-12	.7693E-12	.7925E-12	.8129E-12	.8291E-12	.8397E-12	.8436E-12	.8396E-12	.8289E-12	.8126E-12	.7921E-12	.7688E-12	.7441E-12	.7192E-12	.6953E-12
320.	.7066E-12	.7414E-12	.7768E-12	.8113E-12	.8431E-12	.8705E-12	.8910E-12	.9055E-12	.9103E-12	.9054E-12	.8916E-12	.8702E-12	.8426E-12	.8106E-12	.7763E-12	.7408E-12	.7060E-12
330.	.7150E-12	.7608E-12	.8075E-12	.8479E-12	.8874E-12	.9211E-12	.9469E-12	.9633E-12	.9690E-12	.9632E-12	.9467E-12	.9207E-12	.8870E-12	.8474E-12	.8042E-12	.7595E-12	.7152E-12
3..	.7229E-12	.7745E-12	.8[illegible]E-12	.8765E-12	.9221E-12	.9600E-12	.9903E-12	1009E-11	.1015E-11	1009E-11	.9900E-12	.9604E-12	.9216E-12	.8768E-12	.8259E-12	.7739E-12	.7227E-12
350.	.7275E-12	.7839E-12	.8406E-12	.8952E-12	.9440E-12	.9860E-12	.1019E-11	1039E-11	.1046E-11	1039E-11	1018E-11	.9864E-12	.9443E-12	.8947E-12	.8401E-12	.7833E-12	.7269E-12

Number of Data Values 612

Mean Value: .8.43E-12

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE: MAR 21 1970 JU IAN: 2440667. TIME: 1400Z ALTITUDE(KM): 800.0
F10: 230.00 F10B: 230.00 CI: 400.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10	0.	(-SOUTH) LATITUDES (+NORTH) 10	20.	30	40	50.	60.	70.	80
0.	.4966E- 2	.5285E-12	.5709E-12	.5118E-12	.6492E-12	.6809E-12	.7051E-12	.7202E-12	.7253E-12	.7201E-12	.7049E-12	.6806E-12	.6488E-12	.6114E-12	.5705E-12	.5281E-12	.4862E-12
10.	.4860E-12	.5273E-12	.5691E-12	.6094E-12	.6463E-12	.6775E-12	.7014E-12	.7163E-12	.7214E-12	.7162E-12	.7012E-12	.6773E-12	.6459E-12	.6090E-12	.5687E-12	.5269E-12	.4856E-12
20.	.4837E-12	.5224E-12	.5617E-12	.5996E-12	.6342E-12	.6637E-12	.6862E-12	.7004E-12	.7052F-12	.7003E-12	.6860E-12	.6634E-12	.6339E-12	.5992E-12	.5612E-12	.5220F-12	.4833E-12
30.	.4797E-12	.5143E-12	.5494E-12	.5834E-12	.6145E-12	.6411E-12	.6614E-12	.6743E-12	.6787E-12	.6742E-12	.6612E-12	.6408E-12	.6142E-12	.5830E-12	.5490E-12	.5134E-12	.4763E-12
40.	.4745E-12	.5037E-12	.5334E-12	.5623E-12	.5819E-12	.6116E-12	.6293E-12	.6405E-12	.6443E-12	.6404E-12	.6291E-12	.6114E-12	.5866E-12	.5619E-12	.5331E-12	.5033E-12	.4741E-12
50.	.4684E-12	.4913E-12	.5140E-12	.5378E-12	.5512E-12	.5777E-12	.5922E-12	.6016E-12	.6049E-12	.6015E-12	.5921E-12	.5775E-12	.5589E-12	.5375E-12	.5144E-12	.4909E-12	.4680E-12
60.	.4617E-12	.4778E-12	.4946E-12	.5115E-12	.5274E-12	.5415E-12	.5520E-12	.5602E-12	.5629E-12	.5601E-12	.5526E-12	.5413E-12	.5272E-12	.5112E-12	.4943E-12	.4774E-12	.4613E-12
70.	.4547E-12	.4638E-12	.4747E-12	.4847E-12	.4952E-12	.5049E-12	.5130E-12	.5185E-12	.5206E-12	.5185E-12	.5120E-12	.5047E-12	.4950E-12	.4844E-12	.4737E-12	.4634E-12	.4543E-12
80.	.4477E-12	.4500E-12	.4537E-12	.4585E-12	.4639E-12	.4695E-12	.4746E-12	.4784E-12	.4799E-12	.4783E-12	.4745E-12	.4694E-12	.4637E-12	.4582E-12	.4534E-12	.4494E-12	.4473E-12
90.	.4409E-12	.4360E-12	.4344E-12	.4338E-12	.4346E-12	.4365E-12	.4389E-12	.4411E-12	.4422E-12	.4411E-12	.4388E-12	.4364E-12	.4344E-12	.4336E-12	.4 4 .-12	.4364E-12	.4446E-12
100.	.4346E-12	.4245E-12	.4167E-12	.4113E-12	.4081E-12	.4068E-12	.4069E-12	.4077E-12	.4088E-12	.4076E-12	.4068E-12	.4066E-12	.4079E-12	.4111E-12	.4 **1-12	.4242E-12	.4343E-12
110.	.4290E-	.4136F-12	.4010E-12	.3915E-12	.3848E-12	.3807E-12	.3789E-12	.3786E-12	.3788E-12	.3786E-12	.3788E-12	.3806E-12	.3846E-12	.3913E-12	.4 -1-12	.4133F-12	.4296F-12
120.	.4240E-12	.4041.-12	.3875E-12	.3745E-12	.3650E-12	.3587E-12	.3553E-12	.3541E-12	.3540E-12	.3541E-12	.3552E-12	.3566E-12	.3646E-12	.3743E-12	1-12	.4036E-12	.4237E-12
130.	.4199E-12	.3962E-12	.3763E-12	.3605E-12	.3488E-12	.3408E-12	.3361E-12	.3342E-12	.3339E-12	.3341E-12	.3361E-12	.3407E-12	.3486E-12	.3603E-12	. 1-12	.3959E-12	.4195E-12
140.	.4165E-12	.3899E-12	.3675E-12	.3496E-12	.3361E-12	.3267E-12	.3212E-12	.3187E-12	.3182E-12	.3187E-12	.3211E-12	.3267E-12	.3359E-12	.3494E-12	1-12	.3896E-12	.4162E-12
150.	.4141E-12	.3852E-12	.3609E-12	.3415E-12	.3267E-12	.3165E-12	.3102E-12	.3074E-12	.3068E-12	.3074E-12	.3102E-12	.3164E-12	.3266E-12	.3413E-12	1-12	.3849E-12	.4137E-12
160.	.4124E-12	.3820E-12	.3565E-12	.3360E-12	.3204E-12	.3095E-12	.3029E-12	.2998E-12	.2991E-12	.2998E-12	.3028E-12	.3095E-12	.3203E-12	.3358E-12	. 1-12	.3818E-12	.4120E-12
170.	.4114E-12	.3802E-12	.3539E-12	.3327E-12	.3167E-12	.3055E-12	.2986E-12	.2953E-12	.2946E-12	.2953E-12	.2985E-12	.3054E-12	.3166E-12	.3326E-12	-12	.3799E-12	.4110E-12
180.	.4109E-12	.3793E-12	.3527E-12	.3313E-12	.3150E-12	.3036E-12	.2966E-12	.2933E-12	.2926E-12	.2933E-12	.2966E-12	.3035E-12	.149E-12	.3311E-12	. .* -12	.3790E-12	.4106E-12
190.	.4108E-12	.3791E-12	.3524E-12	.3309E-12	.3146E-12	.3032E-12	.2961E-12	.2928E-12	.2921E-12	.2928E-12	.2961E-12	.3031E-12	.3145E-12	.3307E-12	.. -12	.3788E-12	.4105E-12
200.	.4108E-12	.3791E-12	.3524E-12	.3309E-12	.3146E-12	.3032E-12	.2962E-12	.2928E-12	.2921E-12	.2928E-12	.2961E-12	.3031E-12	.3145E-12	.3308E-12	*..1-12	.3788E-12	.4105E-12
210.	.4110E-12	.3795E-12	.3529E-12	.3316E-12	.3154E-12	.3040E-12	.2970E-12	.2937E-12	.2930E-12	.2937E-12	.2970E-12	.3039E-12	.3152E-12	.3314E-12	* *1-12	.3792E-12	.4107E-12
220.	.4117E-12	.3808E-12	.3547E-12	.3338E-12	.3179E-12	.3060E-12	.2999E-12	.2967E-12	.2960E-12	.2967E-12	.2999E-12	.3067E-12	.3178E-12	.3336E-12	.*a**-12	.3805E-12	.4114F-12
230.	.4131E-12	.3835E-12	.3585E-12	.3385E-12	.3233E-12	.3127E-12	.3062E-12	.3032E-12	.3026E-12	.3034E-12	.3062E-12	.3126E-12	.3231E-12	.3363E-12	: -12	.3832E-12	.4128E-12
240.	.4156E-12	.3881E-12	.3650E-12	.3465E-12	.3326E-12	.3229E-12	.3171E-12	.3145E-12	.3140E-12	.3144E-12	.3170E-12	.3228E-12	.3324E-12	.3463E-12	. .-12	.3879E-12	.4153E-12
250.	.4193E-12	.3951E-12	.3740E-12	.3587E-12	.3466E-12	.3384E-12	.3336E-12	.3315E-12	.3312E-12	.3315E-12	.3335E-12	.3383E-12	.3465E-12	.3585E-12	* a--12	.3948E-12	.4190E-12
260.	.4243E-12	.4046E-12	.3882E-12	.3754E-12	.3660E-12	.3599E-12	.3565E-12	.3553E-12	.3553E-12	.3553E-12	.3565E-12	.3598E-12	.3659E-12	.3752E-12	. . .-12	.4041E-12	.4239E-12
270.	.4305E-12	.4165E-12	.4052F-12	.3968E-12	.3910E-12	.3876E-12	.3863E-12	.3863E-12	.3866E-12	.3873E-12	.3862E-12	.3875E-12	.3908E-12	.3965E-12	a * . .-12	.4162E-12	.4301E-12
280.	.4378E-12	.4306E-12	.4255E-12	.4225E-12	.4213E-12	.4215E-12	.4227E-12	.4242E-12	.4250F-12	.4258E-12	.4286E-12	.4214E-12	.4211E-12	.4282E-12	a * *1-12	.4303E-12	.4374E-12
290.	.4459E-12	.4464E-12	.4485E-12	.4518E-12	.4560E-12	.4605E-12	.4649E-12	.4682E-12	.4696E-12	.4702E-12	.4648E-12	.4604E-12	.4558E-12	.4515E-12	.a* -12	.4461E-12	.4455E-12
300.	.4543E-12	.4631E-12	.4729E-12	.4833E-12	.4936E-12	.5030E-12	.5109E-12	.5164E-12	.5184E-12	.5183E-12	.5108E-12	.5029E-12	.4933E-12	.4830E-12	.a .* -12	.4627E-12	.4539E-12
310.	.4626E-12	.4797E-12	.4975E-12	.5152E-12	.5319E-12	.5466E-12	.5583E-12	.5660E-12	.5688E-12	.5659E-12	.5581E-12	.5464E-12	.5316E-12	.5149E-12	a .- -12	.4793E-12	.4622E-12
320.	.4703E-12	.4952E-12	.5206E-12	.5455E-12	.5685E-12	.5883E-12	.6037F-12	.6137E-12	.6172E-12	.6136E-12	.6036E-12	.5881E-12	.5682E-12	.5451E- 2	. -12	.4946E-12	.4695E-12
330.	.4769E-12	.5086E-12	.5407E-12	.5719E-12	.6006E-12	.6250E-12	.6439E-12	.6558E-12	.6600E-12	.6558E-12	.6437E-12	.6248E-12	.6002E-12	.5716E-12	.* * -12	.5093E-12	.4765E-12
340.	.4820E-12	.5190E-12	.5564E-12	.5926E-12	.6258E-12	.6540E-12	.6756E-12	.6892E-12	.6938E-12	.6891E-12	.6754E-12	.6537E-12	.6254E-12	.5923E-12	* . .-12	.5165E-12	.4816E-12
350.	.4853E-12	.5257E-12	.5667E-12	.6062E-12	.6423E-12	.6730E-12	.6964E-12	.7111E-12	.7161E-12	.7110E-12	.6962E-12	.6727E-12	.6420E-12	.6058E-12	.* .-12	.5253E-12	.4849E-12

90. -90

.466E-12 .4470E-12

Number of Data Values: 612

Mean Value: .4483E-12

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE. MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM): 900.0
F10: 230.00 F10B: 230.00 GI: 400.00 (1-KP OR 2-AP): 2

LON. (-WEST) (+EAST)	(-SOUTH) LATITUDES (+NORTH) -80	-70.	-60.	-50.	-40.	-30	-20.	-10.	0.	(-SOUTH) LATITUDES (+NORTH) 10.	20	30.	40.	50.	60.	70.	80.
0.	.2243E-12	.2461E-12	.2685E-12	.2903E-12	.3105E-12	.3277E-12	.3408E-12	.3491E-12	.3519E-12	.3491E-12	.3407E-12	.3275E-12	.3103E-12	.2901E-12	.2683E-12	.2459E-12	.2241E-12
10.	.2240E-12	.2456E-12	.2675E-12	.2891E-12	.3089E-12	.3258E-12	.3388E-12	.3470E-12	.3498E-12	.3469E-12	.3387E-12	.3257E-12	.3087E-12	.2889E-12	.2673E-12	.2453E-12	.2238E-12
20	.2227E-12	.2429E-12	.2636E-12	.2838E-12	.3024E-12	.3187E-12	.3306E-12	.3383E-12	.3409E-12	.3382E-12	.3305E-12	.3182E-12	.3022E-12	.2836E-12	.2634E-12	.2427E-12	.2225E-12
30.	.2207E-12	.2367E-12	.2571E-12	.2752E-12	.2918E-12	.3061E-12	.3171E-12	.3241E-12	.3264E-12	.3240E-12	.3170E-12	.3059E-12	.2916E-12	.2750E-12	.2570E-12	.2385E-12	.2205E-12
40	.2180E-12	.2332E-12	.2487E-12	.2640E-12	.2781E-12	.2903E-12	.2997E-12	.3057E-12	.3078E-12	.3057E-12	.2996E-12	.2901E-12	.2779E-12	.2638E-12	.2485E-12	.2330E-12	.2178E-12
50.	.2148E-12	.2267E-12	.2389E-12	.2510E-12	.2623E-12	.2721E-12	.2799E-12	.2849E-12	.2866E-12	.2848E-12	.2798E-12	.2720E-12	.2622E-12	.2509E-12	.2388E-12	.2265E-12	.2146E-12
60	.2114E-12	.2197E-12	.2284E-12	.2372E-12	.2456E-12	.2530E-12	.2589E-12	.2628E-12	.2643E-12	.2628E-12	.2588E-12	.2529E-12	.2454E-12	.2371E-12	.2283E-12	.2195E-12	.2112E-12
70	.2079E-12	.2125E-12	.2177E-12	.2232E-12	.2287E-12	.2338E-12	.2380E-12	.2409E-12	.2420E-12	.2409E-12	.2379E-12	.2337E-12	.2286E-12	.2231E-12	.2176E-12	.2123E-12	.2076E-12
80	.2042E-12	.2053E-12	.2072E-12	.2097E-12	.2125E-12	.2154E-12	.2180E-12	.2200E-12	.2208E-12	.2200E-12	.2180E-12	.2153E-12	.2124E-12	.2096E-12	.2071E-12	.2052E-12	.2040E-12
90	.2007E-12	.1986E-12	.1974E-12	.1971E-12	.1975E-12	.1985E-12	.1997E-12	.2008E-12	.2013E-12	.2008E-12	.1996E-12	.1984E-12	.1974E-12	.1970E-12	.1972E-12	.1984E-12	.2005E-12
100	.1975E-12	.1923E-12	.1884E-12	.1856E-12	.1840E-12	.1833E-12	.1834E-12	.1838E-12	.1841E-12	.1838E-12	.1833E-12	.1833E-12	.1839E-12	.1855E-12	.1903E-12	.1922E-12	.1973E-12
110	.1946E-12	.1868E-12	.1804E-12	.1756E-12	.1723E-12	.1702E-12	.1693E-12	.1691E-12	.1693E-12	.1691E-12	.1693E-12	.1702E-12	.1722E-12	.1755E-12	.1803E-12	.1866E-12	.1944E-12
120	.1921E-12	.1820E-12	.1736E-12	.1671E-12	.1624E-12	.1592E-12	.1575E-12	.1569E-12	.1569E-12	.1569E-12	.1575E-12	.1592E-12	.1623E-12	.1670E-12	.1735E-12	.1818E-12	.1919E-12
130	.1900E-12	.1780E-12	.1680E-12	.1601E-12	.1543E-12	.1503E-12	.1481E-12	.1471E-12	.1470E-12	.1471E-12	.1480E-12	.1503E-12	.1542E-12	.1601E-12	.1679E-12	.1778E-12	.1890E-12
140	.1883E-12	.1748E-12	.1636E-12	.1547E-12	.1480E-12	.1435E-12	.1407E-12	.1395E-12	.1393E-12	.1395E-12	.1407E-12	.1434E-12	.1480E-12	.1546E-12	.1635E-12	.1747E-12	.1881E-12
150	.1870E-12	.1725E-12	.1603E-12	.1507E-12	.1434E-12	.1384E-12	.1354E-12	.1340E-12	.1337E-12	.1340E-12	.1354E-12	.1384E-12	.1434E-12	.1506E-12	.1602E-12	.1723E-12	.1869E-12
160	.1862E-12	.1709E-12	.1581E-12	.1480E-12	.1403E-12	.1350E-12	.1318E-12	.1303E-12	.1300E-12	.1303E-12	.1318E-12	.1350E-12	.1403E-12	.1479E-12	.1580E-12	.1707E-12	.1860E-12
170	.1857E-12	.1699E-12	.1568E-12	.1464F-12	.1385E-12	.1331E-12	.1297E-12	.1282E-12	.1278E-12	.1282E-12	.1297E-12	.1330E-12	.1385E-12	.1463E-12	.1567E-12	.1698E-12	.1855E-12
180	.1854E-12	.1695E-12	.1562E-12	.1[-12	.1377E-12	.1322E-12	.1288E-12	.1272E-12	.1268E-12	.1272E-12	.1288E-12	.1321E-12	.1377E-12	.1456E-12	.1561E-12	.1694E-12	.1853E-12
190.	.1854E-12	.1694E-12	.1561E-12	.14 .E-12	.1375E-12	.1320E-12	.1285E-12	.1269E 12	.1266E-12	.1269E-12	.1285E-12	.1319E-12	.1375E-12	.1454E-12	.1560E-12	.1693E-12	.1852E-12
200	.1854E-12	.1694E-12	.1561E-12	.1459E-12	.1375E-12	.1320E-12	.1286E-12	.1270E-12	.1266E-12	.1270E-12	.1286E-12	.1319E-12	.1375E-12	.1454E-12	.1560E-12	.1693E-12	.1852E-12
210	.1855E-12	.1696E-12	.1564E-12	.1458E-12	.1379E-12	.1324E-12	.1290E-12	.1274E-12	.1270E-12	.1274E-12	.1290E-12	.1323E-12	.1378E-12	.1458E-12	.1563E-12	.1695E-12	.1853E-12
220	.1858E-12	.1702E-12	.1572E-12	.1469E-12	.1391E-12	.1337E-12	.1304E-12	.1288E-12	.1285E-12	.1288E-12	.1304E-12	.1337E-12	.1391E-12	.1468E-12	.1571E-12	.1701E-12	.1857E-12
230	.1866E-12	.1716E-12	.1591E-12	.1492E-12	.1418E-12	.1366E-12	.1334E-12	.1320E-12	.1317E-12	.1320E-12	.1334E-12	.1365E-12	.1417E-12	.1491E-12	.1590E-12	.1715E-12	.1864E-12
240	.1878E-12	.1739E-12	.1624E-12	.1532E-12	.1463E-12	.1416E-12	.1387E-12	.1374E-12	.1372E-12	.1374E-12	.1387E-12	.1415E-12	.1463E-12	.1531E-12	.1623E-12	.1738E-12	.1877E-12
250	.1897E-12	.1774E-12	.1673E-12	.1592E-12	.1532E-12	.1492E-12	.1468E-12	.1458E-12	.1457E-12	.1458E-12	.1468E-12	.1491E-12	.1532E-12	.1591E-12	.1672E-12	.1773E-12	.1895E-12
260	.1922E-12	.1822E-12	.1740E-12	.1675E-12	.1629E-12	.1598E-12	.1581E-12	.1576E-12	.1575E-12	.1576E-12	.1581E-12	.1598E-12	.1628E-12	.1675E-12	.1739E-12	.1821E-12	.1921E-12
270	.1954E-12	.1883E-12	.1825E-12	.1783E-12	.1754E-12	.1737E-12	.1730E-12	.1730E-12	.1732E-12	.1730E-12	.1730E-12	.1736E-12	.1753E-12	.1782E-12	.1824E-12	.1881E-12	.1952E-12
280.	.1991E-12	.1954E-12	.1929E-12	.1913E-12	.1907E-12	.1908E-12	.1914E-12	.1922E-12	.1926E-12	.1922E-12	.1914E-12	.1907E-12	.1906E-12	.1912E-12	.1927E-12	.1953E-12	.1989E-12
290	.2032E-12	.2035E-12	.2046E-12	.2063E-12	.2084E-12	.2108E-12	.2130E-12	.2147E-12	.2155E-12	.2147E-12	.2130E-12	.2107E-12	.2083E-12	.2061E-12	.2044E-12	.2034E-12	.2031E-12
300.	.2076E-12	.2121E-12	.2172E-12	.2225E-12	.2279E-12	.2328E-12	.2369E-12	.2398E-12	.2409E-12	.2397E-12	.2369E-12	.2327E-12	.2278E-12	.2224E-12	.2170E-12	.2119E-12	.2074E-12
310	.2119E-12	.2207E-12	.2299E-12	.2392E-12	.2479E-12	.2557E-12	.2618E-12	.2659E-12	.2674E-12	.2659E-12	.2618E-12	.2556E-12	.2478E-12	.2390E-12	.2297E-12	.2209E-12	.2117E-12
320	.2158E-12	.2267E-12	.2420E-12	.2551E-12	.2672E-12	.2778E-12	.2860E-12	.2913E-12	.2932E-12	.2913E-12	.2859E-12	.2777E-12	.2671E-12	.2549E-12	.2418E-12	.2285E-12	.2156E-12
330	.2192E-12	.2357E-12	.2526E-12	.2691E-12	.2843E-12	.2974E-12	.3076E-12	.3141E-12	.3163E-12	.3140E-12	.3075E-12	.2973E-12	.2842E-12	.2689E-12	.2524E-12	.2355E- 2	.2190E-12
340	.2219E-12	.2411E-12	.2608E-12	.2801E-12	.2978E-12	.3131E-12	.3248E-12	.3322E-12	.3347E-12	.3321E-12	.3247E-12	.3129E-12	.2977E-12	.2799E-12	.2606E-12	.2409E- 2	.2217E-12
350	.2236E-12	.2447E-12	.2663E-12	.2873E-12	.3068E-12	.3234E-12	.3361E-12	.3441E-12	.3469E-12	.3441E-12	.3360E-12	.3232E-12	.3066E-12	.2871E-12	.2661E-12	.2445E- 2	.2234E-12

90. -90

.2036E-12 .2038E-12

Number of Data Values: 612

Mean Value: .2055E-12

TABLE 6. (Continued)

DENSITIES (KG/M3)

DATE. MAR 21 1970 JULIAN. 2440667. TIME: 14002 ALTITUDE(KM): 1000.0
F10 230.00 F10B. 230.00 G1: 400.00 (1-KP OR 2-AP): 2

LON (-WEST) +EAST)	(-SOUTH) LATITUDES (+NORTH) -80.	-70.	-60.	-50.	-40.	-30.	-20.	-10.	0	(-SOUTH) LATITUDES (+NORTH) 10.	20.	30.	40.	50.	60.	70.	80.
0	.1082E-12	.1190E-12	.1318E-12	.1436E-12	.1546E-12	.1641E-12	.1714E-12	.1760E-12	.1776E-12	.1760E-12	.1714E-12	.1640E-12	.1546E-12	.1435E-12	.1317E-12	.1197E-12	.1081E-12
10	.1080E-12	.1195E-12	.1313E-12	.1429E-12	.1538E-12	.1631E-12	.1703E-12	.1748E-12	.1764E-12	.1748E-12	.1702E-12	.1630E-12	.1537E-12	.1428E-12	.1312E-12	.1194E-12	.1079E-12
20	.1074E-12	.1181E-12	.1292E-12	.1401E-12	.1502E-12	.1590E-12	.1657E-12	.1700E-12	.1715E-12	.1700E-12	.1657E-12	.1589E-12	.1501E-12	.1400E-12	.1291E-12	.1180E-12	.1073E-12
30	.1063E-12	.1158E-12	.1257E-12	.1354E-12	.1444E-12	.1522E-12	.1583E-12	.1621E-12	.1634E-12	.1621E-12	.1582E-12	.1522E-12	.1443E-12	.1353E-12	.1256E-12	.1157E-12	.1062E-12
40.	.1049E-12	.1129E-12	.1212E-12	.1293E-12	.1370E-12	.1436E-12	.1487E-12	.1521E-12	.1532E-12	.1520E-12	.1487E-12	.1435E-12	.1369E-12	.1293E-12	.1211E-12	.1128E-12	.1048E-12
50	.1032E-12	.1095E-12	.1160E-12	.1224E-12	.1285E-12	.1338E-12	.1379E-12	.1407E-12	.1416E-12	.1406E-12	.1379E-12	.1337E-12	.1284E-12	.1223E-12	.1159E-12	.1094E-12	.1031E-12
60	.1014E-12	.1058E-12	.1104E-12	.1151E-12	.1195E-12	.1235E-12	.1266E-12	.1288E-12	.1295E-12	.1287E-12	.1266E-12	.1234E-12	.1194E-12	.1150E-12	.1103E-12	.1057E-12	.1013E-12
70	.9953E-13	.1020E-12	.1047E-12	.1077E-12	.1106E-12	.1132E-12	.1155E-12	.1170E-12	.1176E-12	.1170E-12	.1154E-12	.1132E-12	.1105E-12	.1076E-12	.1047E-12	.1019E-12	.9945E-13
80	.9765E-13	.9827E-13	.9926E-13	.1006E-12	.1020E-12	.1035E-12	.1049E-12	.1059E-12	.1064E-12	.1059E-12	.1049E-12	.1035E-12	.1020E-12	.1005E-12	.9926E-13	.9819E-13	.9750E-13
90	.9585E-13	.9474E-13	.9412E-13	.9396E-13	.9418E-13	.9469E-13	.9532E-13	.9591E-13	.9619E-13	.9590E-13	.9531E-13	.9466E-13	.9414E-13	.9391E-13	.9406E-13	.9467E-13	.9570E-13
100	.9418E-13	.9151E-13	.8947E-13	.8804E-13	.8720E-13	.8686E-13	.8688E-13	.8710E-13	.8726E-13	.8709E-13	.8687E-13	.8684E-13	.8717E-13	.8800E-13	.8941E-13	.9144E-13	.9411E-13
110.	.9268E-13	.8863E-13	.8537E-13	.8290E-13	.8118E-13	.8015E-13	.7967E-13	.7960E-13	.7966E-13	.7959E-13	.7966E-13	.8013E-13	.8115E-13	.8286E-13	.8532E-13	.8857E-13	.9261E-13
120	.9137E-13	.8616E-13	.8188E-13	.7855E-13	.7614E-13	.7456E-13	.7371E-13	.7340E-13	.7339E-13	.7340E-13	.7370E-13	.7455E-13	.7611E-13	.7852E-13	.8183E-13	.8610E-13	.9136E-13
130.	.9028E-13	.8411E-13	.7902E-13	.7502E-13	.7207E-13	.7008E-13	.6893E-13	.6846E-13	.6839E-13	.6845E-13	.6893E-13	.7007E-13	.7205E-13	.7499E-13	.7897E-13	.8405E-13	.9021E-13
140	.8941E-13	.8249E-13	.7670E-13	.7237E-13	.6892E-13	.6663E-13	.6527E-13	.6467E-13	.6456E-13	.6467E-13	.6527E-13	.6662E-13	.6890E-13	.7224E-13	.7673E-13	.8243E-13	.8934E-13
150	.8876E-13	.8129E-13	.7512E-13	.7025E-13	.6662E-13	.6412E-13	.6262E-13	.6193E-13	.6179E-13	.6193E-13	.6262E-13	.6411E-13	.6660E-13	.7022E-13	.7508E-13	.8124E-13	.8869E-13
160.	.8832E-13	.8047E-13	.7400E-13	.6890E-13	.6508E-13	.6245E-13	.6085E-13	.6011E-13	.5995E-13	.6011E-13	.6085E-13	.6244E-13	.6506E-13	.6887E-13	.7396E-13	.8042E-13	.8825E-13
170	.8806E-13	.7999E-13	.7335E-13	.6810E-13	.6418E-13	.6147E-13	.5982E-13	.5904E-13	.5888E-13	.5904E-13	.5982E-13	.6146E-13	.6417E-13	.6807E-13	.7321E-13	.7994E-13	.8799E-13
180	.8794E-13	.7977E-13	.7305E-13	.6774E-13	.6377E-13	.6103E-13	.5935E-13	.5856E-13	.5839E-13	.5856E-13	.5935E-13	.6102E-13	.6376E-13	.6771E-13	.7301E-13	.7972E-13	.8787E-13
190	.8791E-13	.7972E-13	.7297E-13	.6765E-13	.6367E-13	.6092E-13	.5924E-13	.5844E-13	.5827E-13	.5844E-13	.5923E-13	.6091E-13	.6366E-13	.6762E-13	.7294E-13	.7967E-13	.8784E-13
200	.8791E-13	.7972E-13	.7298E-13	.6766E-13	.6368E-13	.6093E-13	.5925E-13	.5845E-13	.5828E-13	.5845E-13	.5925E-13	.6092E-13	.6366E-13	.6763E-13	.7294E-13	.7967E-13	.8784E-13
210	.8796E-13	.7982E-13	.7311E-13	.6781E-13	.6386E-13	.6112E-13	.5945E-13	.5866E-13	.5849E-13	.5866E-13	.5945E-13	.6111E-13	.6384E-13	.6779E-13	.7307E-13	.7977E-13	.8789E-13
220	.8814E-13	.8015E-13	.7356E-13	.6835E-13	.6447E-13	.6178E-13	.6015E-13	.5930E-13	.5922E-13	.5930E-13	.6014E-13	.6177E-13	.6445E-13	.6833E-13	.7352E-13	.8009E-13	.8807E-13
230	.8852E-13	.8084E-13	.7451E-13	.6951E-13	.6578E-13	.6321E-13	.6165E-13	.6093E-13	.6079E-13	.6093E-13	.6165E-13	.6320E-13	.6576E-13	.6948E-13	.7447E-13	.8079E-13	.8845E-13
240	.8917E-13	.8204E-13	.7616E-13	.7151E-13	.6806E-13	.6569E-13	.6428E-13	.6364E-13	.6352E-13	.6364E-13	.6427E-13	.6568E-13	.6804E-13	.7180E-13	.7611E-13	.8199E-13	.8910E-13
250	.9013E-13	.8383E-13	.7864E-13	.7455E-13	.7153E-13	.6949E-13	.6831E-13	.6781E-13	.6774E-13	.6781E-13	.6830E-13	.6948E-13	.7[.E-13	.7452E-13	.7859E-13	.8378E-13	.9007E-13
260	.9144E-13	.8628E-13	.8206E-13	.7878E-13	.7640E-13	.7485E-13	.7401E-13	.7372E-13	.7371E-13	.7372E-13	.7400E-13	.7483E-13	.7637E-13	.7874E-13	.8201E-13	.8623E-13	.9137E-13
270	.9308E-13	.8940E-13	.8645E-13	.8426E-13	.8277E-13	.8191E-13	.8157E-13	.8157E-13	.8165E-13	.8156E-13	.8156E-13	.8189E-13	.8274E-13	.8422E-13	.8640E-13	.8934E-13	.9301E-13
280	.9502E-13	.9312E-13	.9178E-13	.9097E-13	.9065E-13	.9072E-13	.9104E-13	.9143E-13	.9165E-13	.9143E-13	.9102E-13	.9069E-13	.9861E-13	.9092E-13	.9172E-13	.9305E-13	.9494E-13
290	.9717E-13	.9731E-13	.9786E-13	.9875E-13	.9988E-13	.1011E-12	.1023E-12	.1032E-12	.1036E-12	.1032E-12	.1023E-12	.1011E-12	.9983E-13	.9870E-13	.9788E-13	.9724E-13	.9709E-13
300	.9943E-13	.1018E-12	.1045E-12	.1073E-12	.1101E-12	.1127E-12	.1149E-12	.1164E-12	.1170E-12	.1164E-12	.1149E-12	.1127E-12	.1100E-12	.1072E-12	.1044E-12	.1017E-12	.9935E-13
310	.1017E-12	.1063E-12	.1112E-12	.1161E-12	.1208E-12	.1249E-12	.1282E-12	.1304E-12	.1312E-12	.1304E-12	.1282E-12	.1248E-12	.1207E-12	.1160E-12	.1111E-12	.1062E-12	.1016E-12
320	.1038E-12	.1105E-12	.1176E-12	.1246E-12	.1311E-12	.1368E-12	.1413E-12	.1442E-12	.1452E-12	.1442E-12	.1413E-12	.1368E-12	.1310E-12	.1245E-12	.1175E-12	.1105E-12	.1037E-12
330	.1055E-12	.1142E-12	.1232E-12	.1321E-12	.1404E-12	.1475E-12	.1531E-12	.1566E-12	.1578E-12	.1566E-12	.1530E-12	.1474E-12	.1403E-12	.1320E-12	.1231E-12	.1142E-12	.1059E-12
340	.1069E-12	.1171E-12	.1277E-12	.1381E-12	.1477E-12	.1561E-12	.1625E-12	.1666E-12	.1680E-12	.1666E-12	.1625E-12	.1560E-12	.1476E-12	.1380E-12	.1276E-12	.1170E-12	.1068E-12
350	.1079E-12	.1190E-12	.1306E-12	.1420E-12	.1526E-12	.1617E-12	.1689E-12	.1733E-12	.1748E-12	.1732E-12	.1687E-12	.1617E-12	.1525E-12	.1419E-12	.1305E-12	.1189E-12	.1077E-12

90. -90

.9738E-13 .9746E-13

Number of Data Values: 612

Mean Value: .9890E-13

TABLE 6. (Concluded)

DENSITIES (KG/M3)

DATE MAR 21 1970 JULIAN: 244 67. TIME. 14h02 ALTITUDE(KM) 1100.0
F10 230 00 F10B 230 00 GI. 400.00 (1-KP OR 2-HP) 2

LON (-WEST) (+EAST)	-80.	-70	-60	-50	-40.	-30	-20	-10	0.	10	20	30	40	50	60	70	80
0	5487E-13	6113E-13	[illegible]	7419E-13	8034E-13	8560E-13	8971E-13	[illegible]	9179E-13	9229E-13	[illegible]	[illegible]	[illegible]	7414E-13	[illegible]	6109E-13	5493E-13
10	5478E-13	6095E-13	[illegible]	7380E-13	7981E-13	8503E-13	8907E-13	[illegible]	9162E-13	[illegible]	[illegible]	[illegible]	[illegible]	7376E-13	[illegible]	6034E-13	5414E-13
20.	5443E-13	6020E-13	[illegible]	7222E-13	7784E-13	8271E-13	8650E-13	[illegible]	8973E-13	[illegible]	[illegible]	[illegible]	[illegible]	7260E-13	7218E-13	6019E-13	5444E-13
30.	5386E-13	5893E-13	[illegible]	6965E-13	7463E-13	7896E-13	8233E-13	[illegible]	8523E-13	[illegible]	[illegible]	[illegible]	[illegible]	6961E-13	6429E-13	5835E-13	5362E-13
40.	5310E-13	5740E-13	[illegible]	6633E-13	7051E-13	7411E-13	7702E-13	[illegible]	7886E-13	7951E-13	[illegible]	[illegible]	[illegible]	6629E-13	6184E-13	5736E-13	5306E-13
50.	5221E-13	5554E-13	[illegible]	6255E-13	6581E-13	6877E-13	7105E-13	[illegible]	7255E-13	7308E-13	7254E-13	[illegible]	[illegible]	6254E-13	5967E-13	5557E-13	5217E-13
60	5124E-13	5357E-13	[illegible]	5856E-13	6097E-13	6312E-13	[illegible]	[illegible]	6601F-13	6643E-13	6600E-13	[illegible]	[illegible]	5853E-13	5602E-13	5354E-13	5121E-13
70.	5024E-13	5155E-13	[illegible]	5458E-13	5614E-13	5759E-13	[illegible]	[illegible]	5962E-13	5994E-13	5962E-13	[illegible]	[illegible]	5456E-13	5299E-13	5152E-13	5020E-13
80	4924E-13	4957E-13	[illegible]	5078E-13	5157E-13	5236E-13	[illegible]	[illegible]	5366E-13	5389E-13	5336E-13	[illegible]	[illegible]	5076E-13	5007E-13	4954E-13	4921E-13
90	4825E-13	4771E-13	[illegible]	4729E-13	4740E-13	4767E-13	[illegible]	[illegible]	4836E-13	4847E-13	4822E-13	[illegible]	[illegible]	4747E-13	4735E-13	4767E-13	4924E-13
100	4740E-13	4599E-13	[illegible]	4417E-13	4373E-13	4355E-13	[illegible]	[illegible]	4767E-13	4376E-13	436 E-13	[illegible]	[illegible]	4415E-13	4464E-13	4544E-13	4747E-13
110	4661E-13	4447E-13	[illegible]	4147E-13	4058E-13	4004E-13	[illegible]	[illegible]	3975E-13	3979E-13	3975E-13	[illegible]	[illegible]	4144E-13	4274E-13	4447E-13	4698E-13
120.	4592E-13	4318E-13	[illegible]	3921E-13	3796E-13	3715E-13	[illegible]	[illegible]	3655E-13	3654E-13	3655E-13	[illegible]	[illegible]	3920E-13	4[illegible]E-13	4315E-13	4589E-13
130	4534E-13	4210E-13	[illegible]	3738E-13	3586E-13	3484E-13	[illegible]	[illegible]	3401E-13	3397E-13	3401E-13	[illegible]	[illegible]	3737E-13	[illegible]	4208E-13	4512E-13
140.	4488E-13	4126E-13	[illegible]	3546E-13	3424E-13	[illegible]	[illegible]	[illegible]	3407E-13	3402E-13	3408E-13	[illegible]	[illegible]	3545E-13	[illegible]	4124E-13	4436E-13
150	4454E-13	4063E-13	[illegible]	3443E-13	3307E-13	3179E-13	[illegible]	[illegible]	3068E-13	3161E-13	3068E-13	[illegible]	[illegible]	3492E-13	[illegible]	4061E-13	4452E-13
160	4431E-13	4021E-13	[illegible]	3423E-13	3228E-13	3094E-13	[illegible]	[illegible]	2976E-13	2976E-13	2976E-13	[illegible]	[illegible]	3484E-13	[illegible]	4019E-13	4429E-13
170.	4417E-13	3996E-13	[illegible]	3384E-13	3162E-13	3049E-13	[illegible]	[illegible]	2922E-13	2914E-13	2912E-13	[illegible]	[illegible]	3332E-13	[illegible]	3994E-13	4415E-13
180	4411E-13	3984E-13	[illegible]	3364E-13	3142E-13	3022E-13	[illegible]	[illegible]	2898E-13	2894E-13	2896E-13	[illegible]	[illegible]	3322E-13	[illegible]	3983E-13	4408E-13
190.	4409E-13	3982E-13	[illegible]	3359E-13	3136E-13	3017E-13	[illegible]	[illegible]	2892E-13	2888E-13	2892E-13	[illegible]	[illegible]	3359E-13	[illegible]	3981E-13	4407E-13
200	4409E-13	3982E-13	[illegible]	3360E-13	3135E-13	3017E-13	[illegible]	[illegible]	2892E-13	2884E-13	2893E-13	[illegible]	[illegible]	3359E-13	[illegible]	3983E-13	4407E-13
210	4412E-13	3987E-13	[illegible]	3368E-13	3136E-13	3027E-13	[illegible]	[illegible]	2903E-13	2895E-13	2903E-13	[illegible]	[illegible]	3367E-13	[illegible]	3991E-13	4411E-13
220	4422E-13	4004E-13	[illegible]	3395E-13	3147E-13	3060E-13	[illegible]	[illegible]	2919E-13	2911E-13	2919E-13	[illegible]	[illegible]	3395E-13	[illegible]	4002E-13	4419E-13
230	4442E-13	4040E-13	[illegible]	3455E-13	3183E-13	[illegible]	[illegible]	[illegible]	3018E-13	3010E-13	3018E-13	[illegible]	[illegible]	3454E-13	[illegible]	4038E-13	4429E-13
240.	4476E-13	4102E-13	[illegible]	3557E-13	3280E-13	3259E-13	[illegible]	[illegible]	3155E-13	3149E-13	3155E-13	[illegible]	[illegible]	3557E-13	[illegible]	4101E-13	4473E-13
250	4526E-13	4196E-13	[illegible]	3714E-13	3458E-13	3454E-13	[illegible]	[illegible]	3364E-13	3364E-13	3364E-13	[illegible]	[illegible]	3713E-13	[illegible]	4194E-13	4524E-13
260	4595E-13	4324E-13	[illegible]	3933E-13	3809E-13	[illegible]	[illegible]	[illegible]	3671E-13	3671E-13	3671E-13	[illegible]	[illegible]	3932E-13	[illegible]	4322E-13	4593E-13
270	4682E-13	4488E-13	[illegible]	4218E-13	4141E-13	4096E-13	[illegible]	[illegible]	4073E-13	4087E-13	4078E-13	[illegible]	[illegible]	4217E-13	[illegible]	4486E-13	4680E-13
280	4784E-13	4684E-13	[illegible]	4571E-13	4554E-13	4557E-13	[illegible]	[illegible]	4535E-13	4607E-13	4535E-13	[illegible]	[illegible]	4569E-13	[illegible]	4681E-13	4781E-13
290	4898E-13	4906E-13	[illegible]	4982E-13	5042E-13	5106E-13	[illegible]	[illegible]	5219E-13	5234E-13	5218E-13	[illegible]	[illegible]	4980E-13	[illegible]	4907E-13	4845E-13
300	5018E-13	5144F-13	[illegible]	5478E-13	5584E-13	5708E-13	[illegible]	[illegible]	5720E-13	5461E-13	5729E-13	[illegible]	[illegible]	5435E-13	[illegible]	5141E-13	5015E-13
310	5128E-13	5385E-13	[illegible]	5912E-13	6165E-13	6330E-13	[illegible]	[illegible]	6491E-13	6735E-13	6691E-13	[illegible]	[illegible]	5909E-13	[illegible]	5364E-13	5134E-13
320	5244E-13	5613E-13	[illegible]	6372E-13	6724E-13	[illegible]	[illegible]	[illegible]	7459E-13	7506E-13	7444E-13	[illegible]	[illegible]	6304E-1[illegible]	[illegible]	5609E-13	5245E-13
330	5345E-13	5812E-13	[illegible]	6784E-13	7238E-13	7673E-13	[illegible]	[illegible]	8141E-13	8204E-13	8140E-13	[illegible]	[illegible]	[illegible]	[illegible]	5819E-13	5341E-13
340.	5419E-13	5966E-13	[illegible]	7111E-13	7645E-13	8109E-13	[illegible]	[illegible]	8700E-13	8779E-13	8699E-13	[illegible]	[illegible]	7107E-13	[illegible]	5964E-13	5415E-13
350	5467E-13	6070E-13	[illegible]	7329E-13	7917E-13	8427E-13	[illegible]	[illegible]	9074E-13	9160E-13	9073E-13	[illegible]	[illegible]	7312E-13	7324E-13	[illegible]	5463E-13

90 -90.

4911E-17 4914E-13

Number of Data Values 612

Mean Value 5017E-13

TABLE 7. EXTREMES OF DENSITY WITHIN AN ORBIT, VERSUS ALTITUDE AND GIVEN LOW THROUGH PEAK SOLAR/GEOMAGNETIC CONDITIONS

Solar/Geomagnetic Category =		LOW F10.7 = 70 Ap = 0	NOMINAL F10.7 = 150 Ap = 15	HIGH F10.7 = 230 Ap = 35	PEAK F10.7 = 230 Ap = 400
Altitude Km	Den. Cat.	Density Kg/m^3	Density Kg/m^3	Density Kg/m^3	Density Kg/m^3
1100	min	0.7491×10^{-15}	0.2125×10^{-14}	0.6686×10^{-14}	0.2883×10^{-13}
	mean	0.8193×10^{-15}	0.3205×10^{-14}	0.1272×10^{-13}	0.5017×10^{-13}
	max	0.1090×10^{-14}	0.5466×10^{-14}	0.2717×10^{-13}	0.9319×10^{-13}
	percent:	46%	157%	306%	223%
1000	min	0.1075×10^{-14}	0.3188×10^{-14}	0.1229×10^{-13}	0.5827×10^{-13}
	mean	0.1191×10^{-14}	0.5130×10^{-14}	0.2519×10^{-13}	0.9890×10^{-13}
	max	0.1640×10^{-14}	0.9665×10^{-14}	0.5496×10^{-13}	0.1776×10^{-12}
	percent:	53%	203%	347%	205%
900	min	0.1590×10^{-14}	0.5342×10^{-14}	0.2685×10^{-13}	0.1266×10^{-12}
	mean	0.1806×10^{-14}	0.9739×10^{-14}	0.5590×10^{-13}	0.2055×10^{-12}
	max	0.2362×10^{-14}	0.2058×10^{-13}	0.1198×10^{-12}	0.3519×10^{-12}
	percent:	61%	285%	346%	178%
800	min	0.2442×10^{-14}	0.1120×10^{-13}	0.6879×10^{-13}	0.2921×10^{-12}
	mean	0.2912×10^{-14}	0.2335×10^{-13}	0.1372×10^{-12}	0.4483×10^{-12}
	max	0.4392×10^{-14}	0.5267×10^{-13}	0.2780×10^{-12}	0.7253×10^{-12}
	percent:	80%	370%	304%	148%
750	min	0.3084×10^{-14}	0.1829×10^{-13}	0.1155×10^{-12}	0.4529×10^{-12}
	mean	0.3853×10^{-14}	0.3954×10^{-13}	0.2216×10^{-12}	0.6743×10^{-12}
	max	0.6220×10^{-14}	0.8922×10^{-13}	0.4325×10^{-12}	0.1058×10^{-11}
	percent:	102%	388%	274%	134%
705	min	0.3884×10^{-14}	0.3056×10^{-13}	0.1882×10^{-12}	0.6801×10^{-12}
	mean	0.5215×10^{-14}	0.6640×10^{-13}	0.3467×10^{-12}	0.9846×10^{-12}
	max	0.9201×10^{-14}	0.1472×10^{-12}	0.6514×10^{-12}	0.1502×10^{-11}
	percent:	137%	382%	246%	121%
700	min	0.3992×10^{-14}	0.3248×10^{-13}	0.1990×10^{-12}	0.7121×10^{-12}
	mean	0.5414×10^{-14}	0.7050×10^{-13}	0.3647×10^{-12}	0.1028×10^{-11}
	max	0.9665×10^{-14}	0.1558×10^{-12}	0.6823×10^{-12}	0.1562×10^{-11}
	percent:	142%	380%	243%	119%
600	min	0.8076×10^{-14}	0.1261×10^{-12}	0.6314×10^{-12}	0.1844×10^{-11}
	mean	0.1481×10^{-13}	0.2538×10^{-12}	0.1044×10^{-11}	0.2498×10^{-11}
	max	0.3402×10^{-13}	0.5127×10^{-12}	0.1780×10^{-11}	0.3558×10^{-11}
	percent:	321%	307%	182%	93%
556	min	0.1318×10^{-13}	0.2449×10^{-12}	0.1080×10^{-11}	0.2873×10^{-11}
	mean	0.2832×10^{-13}	0.4648×10^{-12}	0.1707×10^{-11}	0.3785×10^{-11}
	max	0.6926×10^{-13}	0.8931×10^{-12}	0.2781×10^{-11}	0.5231×10^{-11}
	percent:	425%	265%	158%	82%

* - Density (ρ) Category:

min = minimum ρ on orbit
mean = mean ρ on orbit
max = maximum ρ on orbit
percent = percentage increase from min ρ to max ρ

TABLE 7. (Concluded)

Solar/Geomagnetic Category =		LOW F10.7 = 70 Ap = 0	NOMINAL F10.7 = 150 Ap = 15	HIGH F10.7 = 230 Ap = 35	PEAK F10.7 = 230 Ap = 400
Altitude Km	Den. Cat.	Density Kg/m^3	Density Kg/m^3	Density Kg/m^3	Density Kg/m^3
500	min	0.3205×10^{-13}	0.5931×10^{-12}	0.2194×10^{-11}	0.5177×10^{-11}
	mean	0.7699×10^{-13}	0.1038×10^{-11}	0.3262×10^{-11}	0.6579×10^{-11}
	max	0.1883×10^{-12}	0.1857×10^{-11}	0.5031×10^{-11}	0.8744×10^{-11}
	percent:	488%	213%	129%	69%
445	min	0.1023×10^{-12}	0.1480×10^{-11}	0.4579×10^{-11}	0.9585×10^{-10}
	mean	0.2386×10^{-12}	0.2386×10^{-11}	0.6424×10^{-11}	0.1175×10^{-10}
	max	0.5442×10^{-12}	0.3964×10^{-11}	0.9353×10^{-11}	0.1499×10^{-10}
	percent:	432%	168%	104%	56%
408	min	0.2524×10^{-12}	0.2835×10^{-11}	0.7763×10^{-11}	0.1495×10^{-10}
	mean	0.5461×10^{-12}	0.4325×10^{-11}	0.1047×10^{-10}	0.1787×10^{-10}
	max	0.1160×10^{-11}	0.6827×10^{-11}	0.1463×10^{-10}	0.2212×10^{-10}
	percent:	360%	141%	88%	48%
400	min	0.3061×10^{-12}	0.3250×10^{-11}	0.8681×10^{-11}	0.1643×10^{-10}
	mean	0.6506×10^{-12}	0.4904×10^{-11}	0.1161×10^{-10}	0.1953×10^{-10}
	max	0.1360×10^{-11}	0.7659×10^{-11}	0.1609×10^{-10}	0.2403×10^{-10}
	percent:	344%	136%	85%	46%
300	min	0.4662×10^{-11}	0.2286×10^{-10}	0.4359×10^{-10}	0.6441×10^{-10}
	mean	0.7608×10^{-11}	0.2986×10^{-10}	0.5207×10^{-10}	0.7096×10^{-10}
	max	0.1273×10^{-10}	0.4024×10^{-10}	0.6363×10^{-10}	0.7967×10^{-10}
	percent:	173%	76%	46%	24%
275	min	0.9900×10^{-11}	0.4001×10^{-10}	0.6955×10^{-10}	0.9595×10^{-10}
	mean	0.1517×10^{-10}	0.5030×10^{-10}	0.8055×10^{-10}	0.1036×10^{-9}
	max	0.2397×10^{-10}	0.6501×10^{-10}	0.9501×10^{-10}	0.1135×10^{-9}
	percent:	142%	62%	37%	18%
250	min	0.2211×10^{-10}	0.7326×10^{-10}	0.1155×10^{-9}	0.1486×10^{-9}
	mean	0.3188×10^{-10}	0.8850×10^{-10}	0.1296×10^{-9}	0.1574×10^{-9}
	max	0.4741×10^{-10}	0.1094×10^{-9}	0.1475×10^{-9}	0.1685×10^{-9}
	percent:	114%	49%	28%	13%
230	min	0.4421×10^{-10}	0.1239×10^{-9}	0.1800×10^{-9}	0.2194×10^{-9}
	mean	0.6059×10^{-10}	0.1449×10^{-9}	0.1971×10^{-9}	0.2292×10^{-9}
	max	0.8563×10^{-10}	0.1723×10^{-9}	0.2181×10^{-9}	0.2412×10^{-9}
	percent:	94%	39%	21%	10%
200	min	0.1405×10^{-9}	0.2990×10^{-9}	0.3845×10^{-9}	0.4358×10^{-9}
	mean	0.1775×10^{-9}	0.3323×10^{-9}	0.4074×10^{-9}	0.4478×10^{-9}
	max	0.2299×10^{-9}	0.3737×10^{-9}	0.4342×10^{-9}	0.4626×10^{-9}
	percent:	64%	25%	13%	6%
130	min	0.7343×10^{-8}	0.8388×10^{-8}	0.8838×10^{-8}	0.9122×10^{-8}
	mean	0.7630×10^{-8}	0.8566×10^{-8}	0.8969×10^{-8}	0.9216×10^{-8}
	max	0.7992×10^{-8}	0.8784×10^{-8}	0.9126×10^{-8}	0.9326×10^{-8}
	percent:	9%	5%	3%	2%

TABLE 8. MSFC/J70 ARBITAL DENSITY EXAMPLE AT 500 km ALTITUDE GIVEN HIGH SOLAR/GEOMAGNETIC CONDITIONS AT 1400 UT DURING A VERNAL EQUINOX PERIOD

DENSITIES (KG/M3)

DATE. MAR 21 1970 JULIAN: 2440667. TIME: 1400Z ALTITUDE(KM) 500.0
F10 230 00 F10B 230 00 GI 35 00 (1-KP OR 2-AP) 2

LON (-WEST) (+EAST)	-90	-80	(-SOUTH) LATITUDES (+NORTH) -70	-60	-50	-40	-30.	-20.	-10	0.	10.	20	30	40	50	60	(-SOUTH) LATITUDES (+NORTH) 70	80	LON (-WEST) (+EAST)
0.		.3536E-11	.3809E-11	.4000E-11	.4330E-11	.4569E-11	.4763E-11	.4909E-11	.5000E-11	.5031E-11	.4999E-11	.4908E-11	.4761E-11	.4567E-11	.4335E-11	.4077E-11	.3846E-11	.3533E-11		0.
10.		.3532E-11	.3801E-11	.4069E-11	.4323E-11	.4551E-11	.4743E-11	.4887E-11	.4977E-11	.5007E-11	.4976E-11	.4886E-11	.4741E-11	.4549E-11	.4320E-11	.4066E-11	.3799E-11	.3529E-11		10.
20		.3517E-11	.3774E-11	.4022E-11	.4261E-11	.4477E-11	.4658E-11	.4795E-11	.4881E-11	.4910E-11	.4880E-11	.4794E-11	.4656E-11	.4475E-11	.4258E-11	.4019E-11	.3767E-11	.3514E-11		20.
30.		.3491E-11	.3717E-11	.3944E-11	.4159E-11	.4355E-11	.4519E-11	.4644E-11	.4723E-11	.4749E-11	.4722E-11	.4643E-11	.4517E-11	.4352E-11	.4157E-11	.3941E-11	.3714E-11	.3488E-11		30
40.		.3456E-11	.3648E-11	.3841E-11	.4026E-11	.4194E-11	.4337E-11	.4446E-11	.4515E-11	.4539E-11	.4515E-11	.4445E-11	.4335E-11	.4192E-11	.4023E-11	.3838E-11	.3645E-11	.3453E-11		40.
50		.3416E-11	.3567E-11	.3720E-11	.3869E-11	.4006E-11	.4124E-11	.4215E-11	.4274E-11	.4294E-11	.4273E-11	.4214E-11	.4122E-11	.4004E-11	.3867E-11	.3718E-11	.3564E-11	.3413E-11		50
60.		.3371E-11	.3478E-11	.3589E-11	.3699E-11	.3802E-11	.3893E-11	.3965E-11	.4012E-11	.4029E-11	.4012E-11	.3964E-11	.3891E-11	.3800E-11	.3697E-11	.3586E-11	.3475E-11	.3368E-11		60
70.		.3324E-11	.3385E-11	.3453E-11	.3523E-11	.3593E-11	.3656E-11	.3708E-11	.3744E-11	.3758E-11	.3744E-11	.3707E-11	.3655E-11	.3591E-11	.3521E-11	.3450E-11	.3383E-11	.3322E-11		70
80		.3276E-11	.3293E-11	.3310E-11	.3350E-11	.3386E-11	.3423E-11	.3457E-11	.3482E-11	.3492E-11	.3481E-11	.3456E-11	.3420E-11	.3384E-11	.3348E-11	.3315E-11	.3291E-11	.3275E-11		80
90		.3233E-11	.3204E-11	.3189E-11	.3185E-11	.3190E-11	.3203E-11	.3219E-11	.3234E-11	.3241E-11	.3233E-11	.3210E-11	.3212E-11	.3189E-11	.3183E-11	.3186E-11	.3202E-11	.3230E-11		90.
100		.3199E-11	.3122E-11	.3069E-11	.3032E-11	.3010E-11	.3001E-11	.3002E-11	.3007E-11	.3011E-11	.3007E-11	.3001E-11	.3010E-11	.3009E-11	.3030E-11	.3067E-11	.3119E-11	.3188E-11		100
110.		.3152E-11	.3048E-11	.2962E-11	.2896E-11	.2850E-11	.2822E-11	.2810E-11	.2807E-11	.2809E-11	.2807E-11	.2809E-11	.2821E-11	.2849E-11	.2895E-11	.2960E-11	.3045E-11	.3149E-11		110.
120		.3110E-11	.2983E-11	.2869E-11	.2779E-11	.2713E-11	.2669E-11	.2645E-11	.2637E-11	.2636E-11	.2636E-11	.2645E-11	.2668E-11	.2712E-11	.2777E-11	.2867E-11	.2980E-11	.3116E-11		120.
130.		.3090E-11	.2929E-11	.2792E-11	.2682E-11	.2599E-11	.2543E-11	.2510E-11	.2496E-11	.2494E-11	.2496E-11	.2510E-11	.2542E-11	.2598E-11	.2680E-11	.2790E-11	.2926E-11	.3080E-11		130
140.		.3068E-11	.2886E-11	.2730E-11	.2605E-11	.2510E-11	.2444E-11	.2404E-11	.2386E-11	.2383E-11	.2386E-11	.2403E-11	.2443E-11	.2509E-11	.2603E-11	.2729E-11	.2883E-11	.3065E-11		140.
150.		.3051E-11	.2853E-11	.2685E-11	.2548E-11	.2443E-11	.2370E-11	.2326E-11	.2305E-11	.2301E-11	.2305E-11	.2325E-11	.2369E-11	.2442E-11	.2546E-11	.2683E-11	.2851E-11	.3048E-11		150.
160.		.3039E-11	.2831E-11	.2654E-11	.2509E-11	.2390E-11	.2321E-11	.2273E-11	.2250E-11	.2245E-11	.2250E-11	.2272E-11	.2320E-11	.2397E-11	.2508E-11	.2652E-11	.2829E-11	.3037E-11		160.
170.	.3273E-11	.3033E-11	.2818E-11	.2635E-11	.2486E-11	.2372E-11	.2291E-11	.2242E-11	.2218E-11	.2213E-11	.2218E-11	.2241E-11	.2291E-11	.2371E-11	.2485E-11	.2633E-11	.2816E-11	.3030E-11	.3270E-11	170.
180.	.3273E-11	.3029E-11	.2812E-11	.2627E-11	.2476E-11	.2360E-11	.2278E-11	.2227E-11	.2203E-11	.2198E-11	.2203E-11	.2227E-11	.2277E-11	.2359E-11	.2474E-11	.2625E-11	.2810E-11	.3027E-11	.3270E-11	180.
190.		.3029E-11	.2811E-11	.2625E-11	.2473E-11	.2357E-11	.2275E-11	.2224E-11	.2200E-11	.2195E-11	.2199E-11	.2223E-11	.2274E-11	.2356E-11	.2472E-11	.2623E-11	.2809E-11	.3026E-11		190.
200		.3029E-11	.2811E-11	.2625E-11	.2473E-11	.2357E-11	.2275E-11	.2224E-11	.2200E-11	.2195E-11	.2200E-11	.2224E-11	.2274E-11	.2356E-11	.2472E-11	.2623E-11	.2809E-11	.3026E-11		200
210.		.3030E-11	.2814E-11	.2629E-11	.2478E-11	.2362E-11	.2281E-11	.2230E-11	.2206E-11	.2201E-11	.2206E-11	.2230E-11	.2280E-11	.2361E-11	.2476E-11	.2627E-11	.2811E-11	.3028E-11		210
220.		.3035E-11	.2822E-11	.2641E-11	.2493E-11	.2380E-11	.2301E-11	.2251E-11	.2228E-11	.2223E-11	.2228E-11	.2251E-11	.2300E-11	.2379E-11	.2492E-11	.2639E-11	.2820E-11	.3032E-11		220.
230.		.3045E-11	.2841E-11	.2668E-11	.2527E-11	.2419E-11	.2343E-11	.2297E-11	.2275E-11	.2271E-11	.2275E-11	.2296E-11	.2342E-11	.2410E-11	.2525E-11	.2666E-11	.2839E-11	.3042E-11		230
240.		.3062E-11	.2874E-11	.2713E-11	.2584E-11	.2485E-11	.2416E-11	.2378E-11	.2356E-11	.2352E-11	.2356E-11	.2374E-11	.2415E-11	.2484E-11	.2592E-11	.2711E-11	.2871E-11	.3059E-11		240.
250.		.3087E-11	.2921E-11	.2782E-11	.2669E-11	.2584E-11	.2526E-11	.2492E-11	.2478E-11	.2475E-11	.2477E-11	.2492E-11	.2525E-11	.2583E-11	.2667E-11	.2780E-11	.2919E-11	.3084E-11		250.
260.		.3120E-11	.2986E-11	.2874E-11	.2785E-11	.2720E-11	.2677E-11	.2654E-11	.2645E-11	.2645E-11	.2645E-11	.2653E-11	.2676E-11	.2719E-11	.2784E-11	.2872E-11	.2984E-11	.3116E-11		260.
270.		.3162E-11	.3067E-11	.2991E-11	.2933E-11	.2893E-11	.2877E-11	.2861E-11	.2861E-11	.2863E-11	.2860E-11	.2860E-11	.2869E-11	.2892E-11	.2931E-11	.2989E-11	.3065E-11	.3160E-11		270.
280.		.3211E-11	.3163E-11	.3129E-11	.3108E-11	.3100E-11	.3111E-11	.3110E-11	.3120E-11	.3125E-11	.3119E-11	.3109E-11	.3100E-11	.3098E-11	.3106E-11	.3127E-11	.3161E-11	.3209E-11		280.
290.		.3266E-11	.3269E-11	.3283E-11	.3305E-11	.3332E-11	.3364E-11	.3396E-11	.3414E-11	.3424E-11	.3414E-11	.3391E-11	.3362E-11	.3331E-11	.3303E-11	.3281E-11	.3267E-11	.3262E-11		290.
300.		.3322E-11	.3388E-11	.3446E-11	.3514E-11	.3582E-11	.3644E-11	.3694E-11	.3720E-11	.3724E-11	.3720E-11	.3694E-11	.3642E-11	.3580E-11	.3512E-11	.3443E-11	.3376E-11	.3314E-11		300.
310.		.3377E-11	.3498E-11	.3607E-11	.3723E-11	.3831E-11	.3925E-11	.4000E-11	.4049E-11	.4067E-11	.4049E-11	.3999E-11	.3924E-11	.3829E-11	.3721E-11	.3605E-11	.3488E-11	.3375E-11		310.
320.		.3429E-11	.3592E-11	.3750E-11	.3918E-11	.4065E-11	.4196E-11	.4287E-11	.4340E-11	.4371E-11	.4349E-11	.4286E-11	.4189E-11	.4063E-11	.3916E-11	.3755E-11	.3590E-11	.3426E-11		320.
330.		.3472E-11	.3680E-11	.3880E-11	.4087E-11	.4267E-11	.4420E-11	.4536E-11	.4601E-11	.4635E-11	.4609E-11	.4535E-11	.4418E-11	.4265E-11	.4084E-11	.3885E-11	.3677E-11	.3469E-11		330.
340.		.3506E-11	.3747E-11	.3980E-11	.4218E-11	.4425E-11	.4599E-11	.4731E-11	.4813E-11	.4841E-11	.4812E-11	.4729E-11	.4597E-11	.4422E-11	.4215E-11	.3985E-11	.3744E-11	.3503E-11		340.
350.		.3527E-11	.3791E-11	.4053E-11	.4303E-11	.4527E-11	.4715E-11	.4857E-11	.4945E-11	.4975E-11	.4945E-11	.4856E-11	.4713E-11	.4525E-11	.4300E-11	.4050E-11	.3788E-11	.3544E-11		350

TABLE 9. SELECTED ORBIT DENSITY MEANS AT 500 km ALTITUDE, GIVEN 28.5 deg INCLINATION ORBIT, HIGH SOLAR/GEOMAGNETIC CONDITIONS AT VERNAL EQUINOX

*Longitude ^{o}E	Orbit Mean Density (kg/m^3)		*Longitude ^{o}E	Orbit Mean Density (kg/m^3)	
0	0.3319×10^{-11}	**	180	0.3319×10^{-11}	**
20	0.3317×10^{-11}		200	0.3317×10^{-11}	
40	0.3312×10^{-11}		220	0.3312×10^{-11}	
60	0.3306×10^{-11}		240	0.3305×10^{-11}	
80	0.3302×10^{-11}		260	0.3302×10^{-11}	
100	0.3302×10^{-11}	***	280	0.3301×10^{-11}	***
120	0.3305×10^{-11}		300	0.3305×10^{-11}	
140	0.3311×10^{-11}		320	0.3311×10^{-11}	
160	0.3316×10^{-11}		340	0.3316×10^{-11}	

* Longitude of orbit crossing

** highest orbit density mean

*** lowest orbit density mean