Table I
Geopotential Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
H (m)	Z (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
-5000	-4996	320.650	47.500	320.650	1.7768 + 3	1.3327 + 3	1.7536 + 0	1.9305 + 0	1.5759 + 0
-4950	-4946	320.325	47.175	320.325	1.7674	1.3256	1.7443	1.9222	1.5691
-4900	-4896	320.000	46.850	320.000	1.7580	1.3186	1.7350	1.9139	1.5623
-4850	-4846	319.675	46.525	319.675	1.7486	1.3115	1.7257	1.9056	1.5556
-4800	-4796	319.350	46.200	319.350	1.7393	1.3046	1.7165	1.8974	1.5489
-4750	-4746	319.025	45.875	319.025	1.7300	1.2976	1.7074	1.8892	1.5422
-4700	-4697	318.700	45.550	318.700	1.7208	1.2907	1.6983	1.8810	1.5355
-4650	-4647	318.375	45.225	318.375	1.7116	1.2838	1.6892	1.8728	1.5289
-4600	-4597	318.050	44.900	318.050	1.7024	1.2769	1.6801	1.8647	1.5222
-4550	-4547	317.725	44.575	317.725	1.6933	1.2700	1.6711	1.8566	1.5156
-4500	-4497	317.400	44.250	317.400	1.6842 + 3	1.2632 + 3	1.6622 + 0	1.8486 + 0	1.5090 + 0
-4450	-4447	317.075	43.925	317.075	1.6751	1.2564	1.6532	1.8405	1.5025
-4400	-4397	316.750	43.600	316.750	1.6661	1.2497	1.6443	1.8325	1.4959
-4350	-4347	316.425	43.275	316.425	1.6572	1.2430	1.6355	1.8245	1.4894
-4300	-4297	316.100	42.950	316.100	1.6482	1.2363	1.6267	1.8166	1.4829
-4250	-4247	315.775	42.625	315.775	1.6394	1.2296	1.6179	1.8086	1.4764
-4200	-4197	315.450	42.300	315.450	1.6305	1.2230	1.6092	1.8007	1.4700
-4150	-4147	315.125	41.975	315.125	1.6217	1.2164	1.6005	1.7928	1.4635
-4100	-4097	314.800	41.650	314.800	1.6129	1.2098	1.5918	1.7850	1.4571
-4050	-4047	314.475	41.325	314.475	1.6042	1.2032	1.5832	1.7771	1.4507
-4000	-3997	314.150	41.000	314.150	1.5955 + 3	1.1967 + 3	1.5746 + 0	1.7693 + 0	1.4444 + 0
-3950	-3948	313.825	40.675	313.825	1.5868	1.1902	1.5661	1.7616	1.4380
-3900	-3898	313.500	40.350	313.500	1.5782	1.1837	1.5576	1.7538	1.4317
-3850	-3848	313.175	40.025	313.175	1.5696	1.1773	1.5491	1.7461	1.4254
-3800	-3798	312.850	39.700	312.850	1.5611	1.1709	1.5407	1.7384	1.4191
-3750	-3748	312.525	39.375	312.525	1.5526	1.1645	1.5323	1.7307	1.4128
-3700	-3698	312.200	39.050	312.200	1.5441	1.1582	1.5239	1.7231	1.4066
-3650	-3648	311.875	38.725	311.875	1.5357	1.1519	1.5156	1.7154	1.4004
-3600	-3598	311.550	38.400	311.550	1.5273	1.1456	1.5073	1.7078	1.3942
-3550	-3548	311.225	38.075	311.225	1.5189	1.1393	1.4991	1.7003	1.3880
-3500	-3498	310.900	37.750	310.900	1.5106 + 3	1.1331 + 3	1.4909 + 0	1.6927 + 0	1.3818 + 0
-3450	-3448	310.575	37.425	310.575	1.5023	1.1268	1.4827	1.6852	1.3757
-3400	-3398	310.250	37.100	310.250	1.4941	1.1207	1.4746	1.6777	1.3696
-3350	-3348	309.925	36.775	309.925	1.4859	1.1145	1.4665	1.6703	1.3635
-3300	-3298	309.600	36.450	309.600	1.4777	1.1084	1.4584	1.6628	1.3574
-3250	-3248	309.275	36.125	309.275	1.4696	1.1023	1.4504	1.6554	1.3513
-3200	-3198	308.950	35.800	308.950	1.4615	1.0962	1.4424	1.6480	1.3453
-3150	-3148	308.625	35.475	308.625	1.4534	1.0901	1.4344	1.6406	1.3393
-3100	-3098	308.300	35.150	308.300	1.4454	1.0841	1.4265	1.6333	1.3333
-3050	-3049	307.975	34.825	307.975	1.4374	1.0781	1.4186	1.6260	1.3273
-3000	-2999	307.650	34.500	307.650	1.4295 + 3	1.0722 + 3	1.4108 + 0	1.6187 + 0	1.3214 + 0
-2950	-2949	307.325	34.175	307.325	1.4215	1.0662	1.4029	1.6114	1.3155
-2900	-2899	307.000	33.850	307.000	1.4136	1.0603	1.3952	1.6042	1.3095
-2850	-2849	306.675	33.525	306.675	1.4058	1.0544	1.3874	1.5970	1.3037
-2800	-2799	306.350	33.200	306.350	1.3980	1.0486	1.3797	1.5898	1.2978
-2750	-2749	306.025	32.875	306.025	1.3902	1.0427	1.3720	1.5826	1.2919
-2700	-2699	305.700	32.550	305.700	1.3825	1.0369	1.3644	1.5755	1.2861
-2650	-2649	305.375	32.225	305.375	1.3748	1.0311	1.3568	1.5684	1.2803
-2600	-2599	305.050	31.900	305.050	1.3671	1.0254	1.3492	1.5613	1.2745
-2550	-2549	304.725	31.575	304.725	1.3594	1.0197	1.3417	1.5542	1.2687
-2500	-2499	304.400	31.250	304.400	1.3518 + 3	1.0140 + 3	1.3342 + 0	1.5472 + 0	1.2630 + 0
-2450	-2449	304.075	30.925	304.075	1.3443	1.0083	1.3267	1.5401	1.2573
-2400	-2399	303.750	30.600	303.750	1.3367	1.0026	1.3193	1.5332	1.2516
-2350	-2349	303.425	30.275	303.425	1.3292	9.9705 + 2	1.3119	1.5262	1.2459
-2300	-2299	303.100	29.950	303.100	1.3218	9.9145	1.3045	1.5192	1.2402
-2250	-2249	302.775	29.625	302.775	1.3143	9.8587	1.2972	1.5123	1.2345
-2200	-2199	302.450	29.300	302.450	1.3069	9.8032	1.2899	1.5054	1.2289
-2150	-2149	302.125	28.975	302.125	1.2996	9.7480	1.2826	1.4986	1.2233
-2100	-2099	301.800	28.650	301.800	1.2922	9.6930	1.2753	1.4917	1.2177
-2050	-2049	301.475	28.325	301.475	1.2850	9.6383	1.2681	1.4849	1.2121
-2000	-1999	301.150	28.000	301.150	1.2777 + 3	9.5838 + 2	1.2610 + 0	1.4781 + 0	1.2066 + 0
-1950	-1949	300.825	27.675	300.825	1.2705	9.5295	1.2538	1.4713	1.2011
-1900	-1899	300.500	27.350	300.500	1.2633	9.4755	1.2467	1.4645	1.1955
-1850	-1849	300.175	27.025	300.175	1.2561	9.4218	1.2397	1.4578	1.1901
-1800	-1799	299.850	26.700	299.850	1.2490	9.3683	1.2326	1.4511	1.1846
-1750	-1750	299.525	26.375	299.525	1.2419	9.3151	1.2256	1.4444	1.1791
-1700	-1700	299.200	26.050	299.200	1.2348	9.2621	1.2186	1.4378	1.1737
-1650	-1650	298.875	25.725	298.875	1.2278	9.2093	1.2117	1.4311	1.1683
-1600	-1600	298.550	25.400	298.550	1.2208	9.1568	1.2048	1.4245	1.1629
-1550	-1550	298.225	25.075	298.225	1.2138	9.1045	1.1979	1.4179	1.1575
-1500	-1500	297.900	24.750	297.900	1.2069 + 3	9.0525 + 2	1.1911 + 0	1.4114 + 0	1.1521 + 0
-1450	-1450	297.575	24.425	297.575	1.2000	9.0007	1.1843	1.4048	1.1468
-1400	-1400	297.250	24.100	297.250	1.1931	8.9492	1.1775	1.3983	1.1415
-1350	-1350	296.925	23.775	296.925	1.1862	8.8979	1.1707	1.3918	1.1362
-1300	-1300	296.600	23.450	296.600	1.1794	8.8468	1.1640	1.3853	1.1309
-1250	-1250	296.275	23.125	296.275	1.1727	8.7960	1.1573	1.3789	1.1256
-1200	-1200	295.950	22.800	295.950	1.1659	8.7454	1.1507	1.3725	1.1204
-1150	-1150	295.625	22.475	295.625	1.1592	8.6950	1.1440	1.3661	1.1152
-1100	-1100	295.300	22.150	295.300	1.1525	8.6449	1.1374	1.3597	1.1099
-1050	-1050	294.975	21.825	294.975	1.1459	8.5950	1.1309	1.3533	1.1048

Table I
Geometric Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
Z (m)	H (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
-5000	-5004	320.676	47.526	320.676	1.7776 + 3	1.3333 + 3	1.7543 + 0	1.9311 + 0	1.5764 + 0
-4950	-4954	320.350	47.200	320.350	1.7681	1.3262	1.7450	1.9228	1.5696
-4900	-4904	320.025	46.875	320.025	1.7587	1.3191	1.7357	1.9145	1.5629
-4850	-4854	319.699	46.549	319.699	1.7493	1.3121	1.7264	1.9062	1.5561
-4800	-4804	319.374	46.224	319.374	1.7400	1.3051	1.7172	1.8980	1.5494
-4750	-4754	319.048	45.898	319.048	1.7307	1.2981	1.7080	1.8898	1.5427
-4700	-4703	318.723	45.573	318.723	1.7214	1.2911	1.6989	1.8816	1.5360
-4650	-4653	318.397	45.247	318.397	1.7122	1.2842	1.6898	1.8734	1.5293
-4600	-4603	318.072	44.922	318.072	1.7030	1.2773	1.6807	1.8653	1.5227
-4550	-4553	317.746	44.596	317.746	1.6939	1.2705	1.6717	1.8572	1.5160
-4500	-4503	317.421	44.271	317.421	1.6848 + 3	1.2637 + 3	1.6627 + 0	1.8491 + 0	1.5094 + 0
-4450	-4453	317.095	43.945	317.095	1.6757	1.2569	1.6538	1.8410	1.5029
-4400	-4403	316.770	43.620	316.770	1.6667	1.2501	1.6449	1.8330	1.4963
-4350	-4353	316.444	43.294	316.444	1.6577	1.2434	1.6360	1.8250	1.4898
-4300	-4303	316.119	42.969	316.119	1.6488	1.2367	1.6272	1.8170	1.4833
-4250	-4253	315.793	42.643	315.793	1.6399	1.2300	1.6184	1.8091	1.4768
-4200	-4203	315.468	42.318	315.468	1.6310	1.2233	1.6097	1.8011	1.4703
-4150	-4153	315.143	41.993	315.143	1.6222	1.2167	1.6010	1.7933	1.4639
-4100	-4103	314.817	41.667	314.817	1.6134	1.2101	1.5923	1.7854	1.4575
-4050	-4053	314.492	41.342	314.492	1.6046	1.2036	1.5837	1.7775	1.4511
-4000	-4003	314.166	41.016	314.166	1.5959 + 3	1.1970 + 3	1.5751 + 0	1.7697 + 0	1.4447 + 0
-3950	-3952	313.841	40.691	313.841	1.5873	1.1905	1.5665	1.7619	1.4383
-3900	-3902	313.516	40.366	313.516	1.5786	1.1841	1.5580	1.7542	1.4320
-3850	-3852	313.190	40.040	313.190	1.5700	1.1776	1.5495	1.7464	1.4257
-3800	-3802	312.865	39.715	312.865	1.5615	1.1712	1.5411	1.7387	1.4194
-3750	-3752	312.539	39.389	312.539	1.5530	1.1648	1.5327	1.7311	1.4131
-3700	-3702	312.214	39.064	312.214	1.5445	1.1584	1.5243	1.7234	1.4069
-3650	-3652	311.889	38.739	311.889	1.5360	1.1521	1.5160	1.7158	1.4006
-3600	-3602	311.563	38.413	311.563	1.5276	1.1458	1.5077	1.7082	1.3944
-3550	-3552	311.238	38.088	311.238	1.5193	1.1395	1.4994	1.7006	1.3882
-3500	-3502	310.913	37.763	310.913	1.5109 + 3	1.1333 + 3	1.4912 + 0	1.6930 + 0	1.3821 + 0
-3450	-3452	310.587	37.437	310.587	1.5027	1.1271	1.4830	1.6855	1.3759
-3400	-3402	310.262	37.112	310.262	1.4944	1.1209	1.4749	1.6780	1.3698
-3350	-3352	309.936	36.786	309.936	1.4862	1.1147	1.4667	1.6705	1.3637
-3300	-3302	309.611	36.461	309.611	1.4780	1.1086	1.4587	1.6631	1.3576
-3250	-3252	309.286	36.136	309.286	1.4699	1.1025	1.4506	1.6556	1.3515
-3200	-3202	308.960	35.810	308.960	1.4617	1.0964	1.4426	1.6482	1.3455
-3150	-3152	308.635	35.485	308.635	1.4537	1.0903	1.4347	1.6409	1.3395
-3100	-3102	308.310	35.160	308.310	1.4456	1.0843	1.4267	1.6335	1.3335
-3050	-3051	307.985	34.835	307.985	1.4376	1.0783	1.4188	1.6262	1.3275
-3000	-3001	307.659	34.509	307.659	1.4297 + 3	1.0723 + 3	1.4110 + 0	1.6189 + 0	1.3216 + 0
-2950	-2951	307.334	34.184	307.334	1.4217	1.0664	1.4032	1.6116	1.3156
-2900	-2901	307.009	33.859	307.009	1.4139	1.0605	1.3954	1.6044	1.3097
-2850	-2851	306.683	33.533	306.683	1.4060	1.0546	1.3876	1.5972	1.3038
-2800	-2801	306.358	33.208	306.358	1.3982	1.0487	1.3799	1.5900	1.2979
-2750	-2751	306.033	32.883	306.033	1.3904	1.0429	1.3722	1.5828	1.2921
-2700	-2701	305.707	32.557	305.707	1.3826	1.0371	1.3646	1.5756	1.2862
-2650	-2651	305.382	32.232	305.382	1.3749	1.0313	1.3570	1.5685	1.2804
-2600	-2601	305.057	31.907	305.057	1.3673	1.0255	1.3494	1.5614	1.2746
-2550	-2551	304.732	31.582	304.732	1.3596	1.0198	1.3418	1.5544	1.2689
-2500	-2501	304.406	31.256	304.406	1.3520 + 3	1.0141 + 3	1.3343 + 0	1.5473 + 0	1.2631 + 0
-2450	-2451	304.081	30.931	304.081	1.3444	1.0084	1.3268	1.5403	1.2574
-2400	-2401	303.756	30.606	303.756	1.3369	1.0027	1.3194	1.5333	1.2517
-2350	-2351	303.431	30.281	303.431	1.3294	9.9714 + 2	1.3120	1.5263	1.2460
-2300	-2301	303.105	29.955	303.105	1.3219	9.9154	1.3046	1.5194	1.2403
-2250	-2251	302.780	29.630	302.780	1.3145	9.8596	1.2973	1.5124	1.2346
-2200	-2201	302.455	29.305	302.455	1.3071	9.8041	1.2900	1.5055	1.2290
-2150	-2151	302.130	28.980	302.130	1.2997	9.7488	1.2827	1.4986	1.2234
-2100	-2101	301.805	28.655	301.805	1.2924	9.6937	1.2754	1.4918	1.2178
-2050	-2051	301.479	28.329	301.479	1.2850	9.6390	1.2682	1.4850	1.2122
-2000	-2001	301.154	28.004	301.154	1.2778 + 3	9.5845 + 2	1.2611 + 0	1.4782 + 0	1.2067 + 0
-1950	-1951	300.829	27.679	300.829	1.2705	9.5302	1.2539	1.4714	1.2011
-1900	-1901	300.504	27.354	300.504	1.2633	9.4762	1.2468	1.4646	1.1956
-1850	-1851	300.179	27.029	300.179	1.2562	9.4224	1.2397	1.4579	1.1901
-1800	-1801	299.853	26.703	299.853	1.2490	9.3689	1.2327	1.4512	1.1846
-1750	-1750	299.528	26.378	299.528	1.2419	9.3156	1.2257	1.4445	1.1792
-1700	-1700	299.203	26.053	299.203	1.2349	9.2625	1.2187	1.4378	1.1737
-1650	-1650	298.878	25.728	298.878	1.2278	9.2098	1.2118	1.4312	1.1683
-1600	-1600	298.553	25.403	298.553	1.2208	9.1572	1.2049	1.4246	1.1629
-1550	-1550	298.227	25.077	298.227	1.2138	9.1049	1.1980	1.4180	1.1575
-1500	-1500	297.902	24.752	297.902	1.2069 + 3	9.0529 + 2	1.1911 + 0	1.4114 + 0	1.1522 + 0
-1450	-1450	297.577	24.427	297.577	1.2000	9.0011	1.1843	1.4049	1.1468
-1400	-1400	297.252	24.102	297.252	1.1931	8.9495	1.1775	1.3984	1.1415
-1350	-1350	296.927	23.777	296.927	1.1863	8.8982	1.1708	1.3919	1.1362
-1300	-1300	296.602	23.452	296.602	1.1795	8.8471	1.1640	1.3854	1.1309
-1250	-1250	296.277	23.127	296.277	1.1727	8.7962	1.1574	1.3789	1.1257
-1200	-1200	295.951	22.801	295.951	1.1659	8.7456	1.1507	1.3725	1.1204
-1150	-1150	295.626	22.476	295.626	1.1592	8.6952	1.1441	1.3661	1.1152
-1100	-1100	295.301	22.151	295.301	1.1525	8.6451	1.1375	1.3597	1.1100
-1050	-1050	294.976	21.826	294.976	1.1459	8.5952	1.1309	1.3534	1.1048

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Altitude		Temperature			Pressure			Density	
H (m)	Z (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
-1000	-1000	294.650	21.500	294.650	1.1392 + 3	8.5453 + 2	1.1243 + 0	1.3470 + 0	1.0996 + 0
-950	-950	294.325	21.175	294.325	1.1327	8.4959	1.1178	1.3407	1.0944
-900	-900	294.000	20.850	294.000	1.1261	8.4467	1.1114	1.3344	1.0893
-850	-850	293.675	20.525	293.675	1.1196	8.3978	1.1049	1.3281	1.0842
-800	-800	293.350	20.200	293.350	1.1131	8.3490	1.0985	1.3219	1.0791
-750	-750	293.025	19.875	293.025	1.1066	8.3005	1.0921	1.3157	1.0740
-700	-700	292.700	19.550	292.700	1.1002	8.2523	1.0858	1.3095	1.0690
-650	-650	292.375	19.225	292.375	1.0938	8.2042	1.0795	1.3033	1.0639
-600	-600	292.050	18.900	292.050	1.0874	8.1564	1.0732	1.2971	1.0589
-550	-550	291.725	18.575	291.725	1.0810	8.1088	1.0669	1.2910	1.0539
-500	-500	291.400	18.250	291.400	1.0747 + 3	8.0614 + 2	1.0607 + 0	1.2849 + 0	1.0489 + 0
-450	-450	291.075	17.925	291.075	1.0684	8.0143	1.0545	1.2788	1.0439
-400	-400	290.750	17.600	290.750	1.0622	7.9674	1.0483	1.2727	1.0390
-350	-350	290.425	17.275	290.425	1.0560	7.9207	1.0421	1.2667	1.0340
-300	-300	290.100	16.950	290.100	1.0498	7.8742	1.0360	1.2607	1.0291
-250	-250	289.775	16.625	289.775	1.0436	7.8279	1.0299	1.2547	1.0242
-200	-200	289.450	16.300	289.450	1.0375	7.7819	1.0239	1.2487	1.0193
-150	-150	289.125	15.975	289.125	1.0313	7.7361	1.0179	1.2427	1.0145
-100	-100	288.800	15.650	288.800	1.0253	7.6905	1.0119	1.2368	1.0096
-50	-50	288.475	15.325	288.475	1.0192	7.6451	1.0059	1.2309	1.0048
0	0	288.150	15.000	288.150	1.01325 + 3	7.60000 + 2	1.00000 + 0	1.2250 + 0	1.0000 + 0
50	50	287.825	14.675	287.825	1.0072	7.5550	9.9408 - 1	1.2191	9.9521 - 1
100	100	287.500	14.350	287.500	1.0012	7.5103	9.8820	1.2133	9.9043
150	150	287.175	14.025	287.175	9.9535 + 2	7.4658	9.8234	1.2075	9.8568
200	200	286.850	13.700	286.850	9.8945	7.4215	9.7651	1.2017	9.8094
250	250	286.525	13.375	286.525	9.8357	7.3774	9.7071	1.1959	9.7622
300	300	286.200	13.050	286.200	9.7772	7.3335	9.6494	1.1901	9.7151
350	350	285.875	12.725	285.875	9.7190	7.2898	9.5919	1.1844	9.6683
400	400	285.550	12.400	285.550	9.6611	7.2464	9.5347	1.1786	9.6216
450	450	285.225	12.075	285.225	9.6034	7.2031	9.4778	1.1729	9.5751
500	500	284.900	11.750	284.900	9.5460 + 2	7.1601 + 2	9.4212 - 1	1.1673 + 0	9.5287 - 1
550	550	284.575	11.425	284.575	9.4889	7.1173	9.3649	1.1616	9.4826
600	600	284.250	11.100	284.250	9.4321	7.0747	9.3088	1.1560	9.4365
650	650	283.925	10.775	283.925	9.3756	7.0322	9.2530	1.1504	9.3907
700	700	283.600	10.450	283.600	9.3193	6.9900	9.1974	1.1448	9.3451
750	750	283.275	10.125	283.275	9.2633	6.9480	9.1422	1.1392	9.2996
800	800	282.950	9.800	282.950	9.2076	6.9062	9.0872	1.1336	9.2542
850	850	282.625	9.475	282.625	9.1521	6.8647	9.0325	1.1281	9.2091
900	900	282.300	9.150	282.300	9.0970	6.8233	8.9780	1.1226	9.1641
950	950	281.975	8.825	281.975	9.0420	6.7821	8.9238	1.1171	9.1193
1000	1000	281.650	8.500	281.650	8.9874 + 2	6.7411 + 2	8.8699 - 1	1.1116 + 0	9.0746 - 1
1050	1050	281.325	8.175	281.325	8.9330	6.7003	8.8162	1.1062	9.0302
1100	1100	281.000	7.850	281.000	8.8789	6.6597	8.7628	1.1008	8.9858
1150	1150	280.675	7.525	280.675	8.8251	6.6193	8.7097	1.0954	8.9417
1200	1200	280.350	7.200	280.350	8.7715	6.5792	8.6568	1.0900	8.8977
1250	1250	280.025	6.875	280.025	8.7182	6.5392	8.6042	1.0846	8.8539
1300	1300	279.700	6.550	279.700	8.6651	6.4994	8.5518	1.0793	8.8102
1350	1350	279.375	6.225	279.375	8.6124	6.4598	8.4997	1.0739	8.7668
1400	1400	279.050	5.900	279.050	8.5598	6.4204	8.4479	1.0686	8.7234
1450	1450	278.725	5.575	278.725	8.5076	6.3812	8.3963	1.0633	8.6803
1500	1500	278.400	5.250	278.400	8.4555 + 2	6.3422 + 2	8.3450 - 1	1.0581 + 0	8.6373 - 1
1550	1550	278.075	4.925	278.075	8.4038	6.3034	8.2939	1.0528	8.5945
1600	1600	277.750	4.600	277.750	8.3523	6.2647	8.2431	1.0476	8.5518
1650	1650	277.425	4.275	277.425	8.3011	6.2263	8.1925	1.0424	8.5093
1700	1700	277.100	3.950	277.100	8.2501	6.1881	8.1422	1.0372	8.4669
1750	1750	276.775	3.625	276.775	8.1993	6.1500	8.0921	1.0320	8.4248
1800	1801	276.450	3.300	276.450	8.1489	6.1121	8.0423	1.0269	8.3827
1850	1851	276.125	2.975	276.125	8.0986	6.0745	7.9927	1.0218	8.3409
1900	1901	275.800	2.650	275.800	8.0487	6.0370	7.9434	1.0166	8.2992
1950	1951	275.475	2.325	275.475	7.9989	5.9997	7.8943	1.0116	8.2576
2000	2001	275.150	2.000	275.150	7.9495 + 2	5.9626 + 2	7.8455 - 1	1.0065 + 0	8.2162 - 1
2050	2051	274.825	1.675	274.825	7.9002	5.9257	7.7969	1.0014	8.1750
2100	2101	274.500	1.350	274.500	7.8513	5.8889	7.7486	9.9641 - 1	8.1340
2150	2151	274.175	1.025	274.175	7.8025	5.8524	7.7005	9.9140	8.0931
2200	2201	273.850	.700	273.850	7.7540	5.8160	7.6526	9.8641	8.0523
2250	2251	273.525	.375	273.525	7.7058	5.7798	7.6050	9.8143	8.0117
2300	2301	273.200	.050	273.200	7.6578	5.7438	7.5577	9.7648	7.9713
2350	2351	272.875	-.275	272.875	7.6100	5.7080	7.5105	9.7155	7.9310
2400	2401	272.550	-.600	272.550	7.5625	5.6723	7.4636	9.6663	7.8909
2450	2451	272.225	-.925	272.225	7.5152	5.6369	7.4170	9.6174	7.8509
2500	2501	271.900	-1.250	271.900	7.4682 + 2	5.6016 + 2	7.3705 - 1	9.5686 - 1	7.8111 - 1
2550	2551	271.575	-1.575	271.575	7.4214	5.5665	7.3244	9.5200	7.7714
2600	2601	271.250	-1.900	271.250	7.3748	5.5316	7.2784	9.4716	7.7319
2650	2651	270.925	-2.225	270.925	7.3285	5.4968	7.2327	9.4234	7.6926
2700	2701	270.600	-2.550	270.600	7.2824	5.4623	7.1872	9.3754	7.6534
2750	2751	270.275	-2.875	270.275	7.2366	5.4279	7.1419	9.3276	7.6143
2800	2801	269.950	-3.200	269.950	7.1910	5.3936	7.0969	9.2799	7.5755
2850	2851	269.625	-3.525	269.625	7.1456	5.3596	7.0521	9.2325	7.5367
2900	2901	269.300	-3.850	269.300	7.1004	5.3257	7.0076	9.1852	7.4981
2950	2951	268.975	-4.175	268.975	7.0555	5.2920	6.9632	9.1381	7.4597

Table I
Geometric Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
Z (m)	H (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
-1000	-1000	294.651	21.501	294.651	1.1393 + 3	8.5455 + 2	1.1244 + 0	1.3470 + 0	1.0996 + 0
-950	-950	294.326	21.176	294.326	1.1327	8.4961	1.1179	1.3407	1.0945
-900	-900	294.001	20.851	294.001	1.1261	8.4468	1.1114	1.3344	1.0893
-850	-850	293.676	20.526	293.676	1.1196	8.3979	1.1049	1.3281	1.0842
-800	-800	293.351	20.201	293.351	1.1131	8.3491	1.0985	1.3219	1.0791
-750	-750	293.026	19.876	293.026	1.1066	8.3006	1.0921	1.3157	1.0740
-700	-700	292.701	19.551	292.701	1.1002	8.2523	1.0858	1.3095	1.0690
-650	-650	292.375	19.225	292.375	1.0938	8.2043	1.0795	1.3033	1.0639
-600	-600	292.050	18.900	292.050	1.0874	8.1564	1.0732	1.2971	1.0589
-550	-550	291.725	18.575	291.725	1.0810	8.1088	1.0669	1.2910	1.0539
-500	-500	291.400	18.250	291.400	1.0747 + 3	8.0615 + 2	1.0607 + 0	1.2849 + 0	1.0489 + 0
-450	-450	291.075	17.925	291.075	1.0684	8.0143	1.0545	1.2788	1.0439
-400	-400	290.750	17.600	290.750	1.0622	7.9674	1.0483	1.2727	1.0390
-350	-350	290.425	17.275	290.425	1.0560	7.9207	1.0422	1.2667	1.0340
-300	-300	290.100	16.950	290.100	1.0498	7.8742	1.0360	1.2607	1.0291
-250	-250	289.775	16.625	289.775	1.0436	7.8279	1.0299	1.2547	1.0242
-200	-200	289.450	16.300	289.450	1.0375	7.7819	1.0239	1.2487	1.0193
-150	-150	289.125	15.975	289.125	1.0314	7.7361	1.0179	1.2427	1.0145
-100	-100	288.800	15.650	288.800	1.0253	7.6905	1.0119	1.2368	1.0096
-50	-50	288.475	15.325	288.475	1.0192	7.6451	1.0059	1.2309	1.0048
0	0	288.150	15.000	288.150	1.01325 + 3	7.60000 + 2	1.00000 + 0	1.2250 + 0	1.0000 + 0
50	50	287.825	14.675	287.825	1.0072	7.5550	9.9408 - 1	1.2191	9.9521 - 1
100	100	287.500	14.350	287.500	1.0012	7.5103	9.8820	1.2133	9.9044
150	150	287.175	14.025	287.175	9.9535 + 2	7.4658	9.8234	1.2075	9.8568
200	200	286.850	13.700	286.850	9.8945	7.4215	9.7651	1.2017	9.8094
250	250	286.525	13.375	286.525	9.8357	7.3774	9.7071	1.1959	9.7622
300	300	286.200	13.050	286.200	9.7772	7.3335	9.6494	1.1901	9.7152
350	350	285.875	12.725	285.875	9.7190	7.2898	9.5919	1.1844	9.6683
400	400	285.550	12.400	285.550	9.6611	7.2464	9.5348	1.1786	9.6216
450	450	285.225	12.075	285.225	9.6034	7.2032	9.4779	1.1730	9.5751
500	500	284.900	11.750	284.900	9.5461 + 2	7.1601 + 2	9.4212 - 1	1.1673 + 0	9.5288 - 1
550	550	284.575	11.425	284.575	9.4890	7.1173	9.3649	1.1616	9.4826
600	600	284.250	11.100	284.250	9.4322	7.0747	9.3088	1.1560	9.4366
650	650	283.925	10.775	283.925	9.3756	7.0323	9.2530	1.1504	9.3908
700	700	283.601	10.451	283.601	9.3194	6.9901	9.1975	1.1448	9.3451
750	750	283.276	10.126	283.276	9.2634	6.9481	9.1423	1.1392	9.2996
800	800	282.951	9.801	282.951	9.2077	6.9063	9.0873	1.1337	9.2543
850	850	282.626	9.476	282.626	9.1523	6.8648	9.0326	1.1281	9.2092
900	900	282.301	9.151	282.301	9.0971	6.8234	8.9781	1.1226	9.1642
950	950	281.976	8.826	281.976	9.0422	6.7822	8.9240	1.1171	9.1194
1000	1000	281.651	8.501	281.651	8.9876 + 2	6.7412 + 2	8.8700 - 1	1.1117 + 0	9.0748 - 1
1050	1050	281.326	8.176	281.326	8.9332	6.7005	8.8164	1.1062	9.0303
1100	1100	281.001	7.851	281.001	8.8791	6.6599	8.7630	1.1008	8.9860
1150	1150	280.676	7.526	280.676	8.8253	6.6195	8.7099	1.0954	8.9419
1200	1200	280.351	7.201	280.351	8.7717	6.5793	8.6570	1.0900	8.8979
1250	1250	280.027	6.877	280.027	8.7185	6.5394	8.6044	1.0846	8.8541
1300	1300	279.702	6.552	279.702	8.6654	6.4996	8.5521	1.0793	8.8105
1350	1350	279.377	6.227	279.377	8.6127	6.4600	8.5000	1.0740	8.7670
1400	1400	279.052	5.902	279.052	8.5602	6.4206	8.4482	1.0687	8.7237
1450	1450	278.727	5.577	278.727	8.5079	6.3814	8.3966	1.0634	8.6806
1500	1500	278.402	5.252	278.402	8.4559 + 2	6.3424 + 2	8.3453 - 1	1.0581 + 0	8.6376 - 1
1550	1550	278.077	4.927	278.077	8.4042	6.3036	8.2943	1.0529	8.5948
1600	1600	277.753	4.603	277.753	8.3527	6.2650	8.2435	1.0476	8.5521
1650	1650	277.428	4.278	277.428	8.3015	6.2266	8.1929	1.0424	8.5096
1700	1700	277.103	3.953	277.103	8.2505	6.1884	8.1427	1.0372	8.4673
1750	1750	276.778	3.628	276.778	8.1998	6.1504	8.0926	1.0321	8.4252
1800	1799	276.453	3.303	276.453	8.1494	6.1125	8.0428	1.0269	8.3832
1850	1849	276.128	2.978	276.128	8.0992	6.0749	7.9933	1.0218	8.3413
1900	1899	275.804	2.654	275.804	8.0492	6.0374	7.9440	1.0167	8.2996
1950	1949	275.479	2.329	275.479	7.9995	6.0001	7.8949	1.0116	8.2581
2000	1999	275.154	2.004	275.154	7.9501 + 2	5.9630 + 2	7.8461 - 1	1.0066 + 0	8.2168 - 1
2050	2049	274.829	1.679	274.829	7.9009	5.9261	7.7976	1.0015	8.1756
2100	2099	274.505	1.355	274.505	7.8519	5.8894	7.7493	9.9648 - 1	8.1345
2150	2149	274.180	1.030	274.180	7.8032	5.8529	7.7012	9.9147	8.0936
2200	2199	273.855	.705	273.855	7.7548	5.8165	7.6534	9.8648	8.0529
2250	2249	273.530	.380	273.530	7.7066	5.7804	7.6058	9.8151	8.0124
2300	2299	273.205	.055	273.205	7.6586	5.7444	7.5584	9.7656	7.9719
2350	2349	272.881	-.269	272.881	7.6109	5.7086	7.5113	9.7163	7.9317
2400	2399	272.556	-.594	272.556	7.5634	5.6730	7.4645	9.6672	7.8916
2450	2449	272.231	-.919	272.231	7.5161	5.6375	7.4178	9.6183	7.8517
2500	2499	271.906	-1.244	271.906	7.4691 + 2	5.6023 + 2	7.3715 - 1	9.5695 - 1	7.8119 - 1
2550	2549	271.582	-1.568	271.582	7.4224	5.5672	7.3253	9.5210	7.7722
2600	2599	271.257	-1.893	271.257	7.3758	5.5323	7.2794	9.4726	7.7328
2650	2649	270.932	-2.218	270.932	7.3295	5.4976	7.2337	9.4245	7.6934
2700	2699	270.607	-2.543	270.607	7.2835	5.4631	7.1882	9.3765	7.6543
2750	2749	270.283	-2.867	270.283	7.2377	5.4287	7.1430	9.3287	7.6153
2800	2799	269.958	-3.192	269.958	7.1921	5.3945	7.0980	9.2811	7.5764
2850	2849	269.633	-3.517	269.633	7.1467	5.3605	7.0533	9.2337	7.5377
2900	2899	269.309	-3.841	269.309	7.1016	5.3266	7.0087	9.1865	7.4991
2950	2949	268.984	-4.166	268.984	7.0567	5.2930	6.9644	9.1394	7.4607

Table I
Geopotential Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
H (m)	Z (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
3000	3001	268.650	-4.500	268.650	7.0108 + 2	5.2585 + 2	6.9191 - 1	9.0912 - 1	7.4214 - 1
3050	3051	268.325	-4.825	268.325	6.9663	5.2252	6.8752	9.0445	7.3833
3100	3102	268.000	-5.150	268.000	6.9221	5.1920	6.8316	8.9980	7.3453
3150	3152	267.675	-5.475	267.675	6.8781	5.1590	6.7882	8.9516	7.3075
3200	3202	267.350	-5.800	267.350	6.8343	5.1262	6.7450	8.9055	7.2698
3250	3252	267.025	-6.125	267.025	6.7908	5.0935	6.7020	8.8595	7.2322
3300	3302	266.700	-6.450	266.700	6.7474	5.0610	6.6592	8.8137	7.1948
3350	3352	266.375	-6.775	266.375	6.7043	5.0287	6.6167	8.7681	7.1576
3400	3402	266.050	-7.100	266.050	6.6615	4.9965	6.5743	8.7226	7.1205
3450	3452	265.725	-7.425	265.725	6.6188	4.9645	6.5322	8.6774	7.0836
3500	3502	265.400	-7.750	265.400	6.5764 + 2	4.9327 + 2	6.4904 - 1	8.6323 - 1	7.0468 - 1
3550	3552	265.075	-8.075	265.075	6.5341	4.9010	6.4487	8.5874	7.0101
3600	3602	264.750	-8.400	264.750	6.4921	4.8695	6.4072	8.5427	6.9736
3650	3652	264.425	-8.725	264.425	6.4504	4.8382	6.3660	8.4981	6.9372
3700	3702	264.100	-9.050	264.100	6.4088	4.8070	6.3250	8.4538	6.9010
3750	3752	263.775	-9.375	263.775	6.3675	4.7760	6.2842	8.4096	6.8650
3800	3802	263.450	-9.700	263.450	6.3263	4.7451	6.2436	8.3656	6.8290
3850	3852	263.125	-10.025	263.125	6.2854	4.7144	6.2032	8.3217	6.7933
3900	3902	262.800	-10.350	262.800	6.2447	4.6839	6.1631	8.2781	6.7576
3950	3952	262.475	-10.675	262.475	6.2042	4.6536	6.1231	8.2346	6.7221
4000	4003	262.150	-11.000	262.150	6.1640 + 2	4.6233 + 2	6.0834 - 1	8.1913 - 1	6.6868 - 1
4050	4053	261.825	-11.325	261.825	6.1239	4.5933	6.0438	8.1482	6.6516
4100	4103	261.500	-11.650	261.500	6.0841	4.5634	6.0045	8.1052	6.6165
4150	4153	261.175	-11.975	261.175	6.0444	4.5337	5.9654	8.0624	6.5816
4200	4203	260.850	-12.300	260.850	6.0050	4.5041	5.9265	8.0198	6.5468
4250	4253	260.525	-12.625	260.525	5.9658	4.4747	5.8878	7.9774	6.5121
4300	4303	260.200	-12.950	260.200	5.9268	4.4454	5.8493	7.9351	6.4776
4350	4353	259.875	-13.275	259.875	5.8880	4.4163	5.8110	7.8930	6.4433
4400	4403	259.550	-13.600	259.550	5.8494	4.3874	5.7729	7.8511	6.4090
4450	4453	259.225	-13.925	259.225	5.8110	4.3586	5.7350	7.8093	6.3750
4500	4503	258.900	-14.250	258.900	5.7728 + 2	4.3299 + 2	5.6973 - 1	7.7677 - 1	6.3410 - 1
4550	4553	258.575	-14.575	258.575	5.7348	4.3014	5.6598	7.7263	6.3072
4600	4603	258.250	-14.900	258.250	5.6970	4.2731	5.6225	7.6851	6.2735
4650	4653	257.925	-15.225	257.925	5.6594	4.2449	5.5854	7.6440	6.2400
4700	4703	257.600	-15.550	257.600	5.6220	4.2169	5.5485	7.6031	6.2066
4750	4754	257.275	-15.875	257.275	5.5849	4.1890	5.5118	7.5624	6.1734
4800	4804	256.950	-16.200	256.950	5.5479	4.1612	5.4753	7.5218	6.1402
4850	4854	256.625	-16.525	256.625	5.5111	4.1337	5.4390	7.4814	6.1073
4900	4904	256.300	-16.850	256.300	5.4745	4.1062	5.4029	7.4411	6.0744
4950	4954	255.975	-17.175	255.975	5.4381	4.0789	5.3670	7.4011	6.0417
5000	5004	255.650	-17.500	255.650	5.4019 + 2	4.0518 + 2	5.3313 - 1	7.3612 - 1	6.0091 - 1
5050	5054	255.325	-17.825	255.325	5.3659	4.0248	5.2958	7.3214	5.9767
5100	5104	255.000	-18.150	255.000	5.3301	3.9979	5.2604	7.2818	5.9444
5150	5154	254.675	-18.475	254.675	5.2945	3.9712	5.2253	7.2424	5.9122
5200	5204	254.350	-18.800	254.350	5.2591	3.9447	5.1903	7.2032	5.8801
5250	5254	254.025	-19.125	254.025	5.2239	3.9182	5.1556	7.1641	5.8482
5300	5304	253.700	-19.450	253.700	5.1889	3.8920	5.1210	7.1252	5.8164
5350	5355	253.375	-19.775	253.375	5.1540	3.8658	5.0866	7.0864	5.7848
5400	5405	253.050	-20.100	253.050	5.1194	3.8398	5.0524	7.0478	5.7533
5450	5455	252.725	-20.425	252.725	5.0849	3.8140	5.0184	7.0093	5.7219
5500	5505	252.400	-20.750	252.400	5.0506 + 2	3.7883 + 2	4.9846 - 1	6.9711 - 1	5.6907 - 1
5550	5555	252.075	-21.075	252.075	5.0165	3.7627	4.9509	6.9329	5.6595
5600	5605	251.750	-21.400	251.750	4.9826	3.7373	4.9175	6.8950	5.6285
5650	5655	251.425	-21.725	251.425	4.9489	3.7120	4.8842	6.8572	5.5977
5700	5705	251.100	-22.050	251.100	4.9154	3.6868	4.8511	6.8195	5.5670
5750	5755	250.775	-22.375	250.775	4.8820	3.6618	4.8182	6.7820	5.5364
5800	5805	250.450	-22.700	250.450	4.8489	3.6370	4.7855	6.7447	5.5059
5850	5855	250.125	-23.025	250.125	4.8159	3.6122	4.7529	6.7075	5.4755
5900	5905	249.800	-23.350	249.800	4.7831	3.5876	4.7206	6.6705	5.4453
5950	5956	249.475	-23.675	249.475	4.7505	3.5631	4.6884	6.6337	5.4152
6000	6006	249.150	-24.000	249.150	4.7181 + 2	3.5388 + 2	4.6564 - 1	6.5970 - 1	5.3853 - 1
6050	6056	248.825	-24.325	248.825	4.6858	3.5146	4.6245	6.5604	5.3554
6100	6106	248.500	-24.650	248.500	4.6537	3.4906	4.5929	6.5240	5.3257
6150	6156	248.175	-24.975	248.175	4.6218	3.4666	4.5614	6.4878	5.2962
6200	6206	247.850	-25.300	247.850	4.5901	3.4428	4.5301	6.4517	5.2667
6250	6256	247.525	-25.625	247.525	4.5585	3.4192	4.4989	6.4158	5.2374
6300	6306	247.200	-25.950	247.200	4.5272	3.3956	4.4680	6.3800	5.2082
6350	6356	246.875	-26.275	246.875	4.4960	3.3722	4.4372	6.3444	5.1791
6400	6406	246.550	-26.600	246.550	4.4650	3.3490	4.4066	6.3089	5.1501
6450	6457	246.225	-26.925	246.225	4.4341	3.3258	4.3761	6.2736	5.1213
6500	6507	245.900	-27.250	245.900	4.4034 + 2	3.3028 + 2	4.3459 - 1	6.2384 - 1	5.0926 - 1
6550	6557	245.575	-27.575	245.575	4.3729	3.2800	4.3157	6.2034	5.0640
6600	6607	245.250	-27.900	245.250	4.3426	3.2572	4.2858	6.1686	5.0356
6650	6657	244.925	-28.225	244.925	4.3124	3.2346	4.2560	6.1338	5.0072
6700	6707	244.600	-28.550	244.600	4.2824	3.2121	4.2264	6.0993	4.9790
6750	6757	244.275	-28.875	244.275	4.2526	3.1897	4.1970	6.0649	4.9509
6800	6807	243.950	-29.200	243.950	4.2230	3.1675	4.1677	6.0306	4.9229
6850	6857	243.625	-29.525	243.625	4.1935	3.1454	4.1386	5.9965	4.8951
6900	6907	243.300	-29.850	243.300	4.1642	3.1234	4.1097	5.9625	4.8674
6950	6958	242.975	-30.175	242.975	4.1350	3.1015	4.0809	5.9287	4.8397

Table I
Geometric Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
Z (m)	H (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
3000	2999	268.659	-4.491	268.659	7.0121 + 2	5.2595 + 2	6.9204 - 1	9.0925 - 1	7.4225 - 1
3050	3049	268.335	-4.815	268.335	6.9676	5.2261	6.8765	9.0459	7.3844
3100	3098	268.010	-5.140	268.010	6.9234	5.1930	6.8329	8.9994	7.3464
3150	3148	267.685	-5.465	267.685	6.8795	5.1600	6.7895	8.9531	7.3086
3200	3198	267.360	-5.790	267.360	6.8357	5.1272	6.7463	8.9069	7.2710
3250	3248	267.036	-6.114	267.036	6.7922	5.0946	6.7034	8.8610	7.2335
3300	3298	266.711	-6.439	266.711	6.7489	5.0621	6.6607	8.8152	7.1961
3350	3348	266.386	-6.764	266.386	6.7059	5.0298	6.6182	8.7697	7.1589
3400	3398	266.062	-7.088	266.062	6.6630	4.9977	6.5759	8.7243	7.1219
3450	3448	265.737	-7.413	265.737	6.6204	4.9657	6.5338	8.6791	7.0849
3500	3498	265.413	-7.737	265.413	6.5780 + 2	4.9339 + 2	6.4920 - 1	8.6340 - 1	7.0482 - 1
3550	3548	265.088	-8.062	265.088	6.5358	4.9022	6.4503	8.5892	7.0116
3600	3598	264.763	-8.387	264.763	6.4939	4.8708	6.4089	8.5445	6.9751
3650	3648	264.439	-8.711	264.439	6.4521	4.8395	6.3677	8.5000	6.9388
3700	3698	264.114	-9.036	264.114	6.4106	4.8083	6.3268	8.4557	6.9026
3750	3748	263.789	-9.361	263.789	6.3693	4.7773	6.2860	8.4115	6.8666
3800	3798	263.465	-9.685	263.465	6.3282	4.7465	6.2454	8.3676	6.8307
3850	3848	263.140	-10.010	263.140	6.2873	4.7159	6.2051	8.3238	6.7949
3900	3898	262.816	-10.334	262.816	6.2467	4.6854	6.1650	8.2802	6.7593
3950	3948	262.491	-10.659	262.491	6.2062	4.6550	6.1251	8.2367	6.7239
4000	3997	262.166	-10.984	262.166	6.1660 + 2	4.6249 + 2	6.0854 - 1	8.1935 - 1	6.6885 - 1
4050	4047	261.842	-11.308	261.842	6.1260	4.5948	6.0459	8.1504	6.6534
4100	4097	261.517	-11.633	261.517	6.0862	4.5650	6.0066	8.1075	6.6183
4150	4147	261.193	-11.957	261.193	6.0466	4.5353	5.9675	8.0647	6.5835
4200	4197	260.868	-12.282	260.868	6.0072	4.5057	5.9286	8.0222	6.5487
4250	4247	260.543	-12.607	260.543	5.9680	4.4764	5.8900	7.9798	6.5141
4300	4297	260.219	-12.931	260.219	5.9290	4.4471	5.8515	7.9376	6.4796
4350	4347	259.894	-13.256	259.894	5.8903	4.4181	5.8132	7.8955	6.4453
4400	4397	259.570	-13.580	259.570	5.8517	4.3891	5.7752	7.8536	6.4111
4450	4447	259.245	-13.905	259.245	5.8134	4.3604	5.7373	7.8119	6.3771
4500	4497	258.921	-14.229	258.921	5.7752 + 2	4.3317 + 2	5.6997 - 1	7.7704 - 1	6.3432 - 1
4550	4547	258.596	-14.554	258.596	5.7373	4.3033	5.6622	7.7290	6.3094
4600	4597	258.272	-14.878	258.272	5.6995	4.2750	5.6250	7.6878	6.2758
4650	4647	257.947	-15.203	257.947	5.6620	4.2468	5.5879	7.6468	6.2423
4700	4697	257.623	-15.527	257.623	5.6246	4.2188	5.5511	7.6059	6.2089
4750	4746	257.298	-15.852	257.298	5.5875	4.1910	5.5144	7.5652	6.1757
4800	4796	256.974	-16.176	256.974	5.5506	4.1633	5.4780	7.5247	6.1426
4850	4846	256.649	-16.501	256.649	5.5138	4.1357	5.4417	7.4844	6.1097
4900	4896	256.325	-16.825	256.325	5.4773	4.1083	5.4056	7.4442	6.0769
4950	4946	256.000	-17.150	256.000	5.4409	4.0810	5.3698	7.4042	6.0442
5000	4996	255.676	-17.474	255.676	5.4048 + 2	4.0539 + 2	5.3341 - 1	7.3643 - 1	6.0117 - 1
5050	5046	255.351	-17.799	255.351	5.3688	4.0269	5.2986	7.3246	5.9793
5100	5096	255.027	-18.123	255.027	5.3331	4.0001	5.2633	7.2851	5.9470
5150	5146	254.702	-18.448	254.702	5.2975	3.9734	5.2282	7.2457	5.9149
5200	5196	254.378	-18.772	254.378	5.2621	3.9469	5.1933	7.2065	5.8829
5250	5246	254.053	-19.097	254.053	5.2269	3.9205	5.1586	7.1675	5.8510
5300	5296	253.729	-19.421	253.729	5.1919	3.8943	5.1241	7.1286	5.8192
5350	5346	253.404	-19.746	253.404	5.1571	3.8682	5.0897	7.0899	5.7876
5400	5395	253.080	-20.070	253.080	5.1225	3.8422	5.0556	7.0513	5.7562
5450	5445	252.755	-20.395	252.755	5.0881	3.8164	5.0216	7.0129	5.7248
5500	5495	252.431	-20.719	252.431	5.0539 + 2	3.7907 + 2	4.9878 - 1	6.9747 - 1	5.6936 - 1
5550	5545	252.106	-21.044	252.106	5.0198	3.7652	4.9542	6.9366	5.6625
5600	5595	251.782	-21.368	251.782	4.9860	3.7398	4.9208	6.8987	5.6316
5650	5645	251.458	-21.692	251.458	4.9523	3.7145	4.8875	6.8610	5.6008
5700	5695	251.133	-22.017	251.133	4.9188	3.6894	4.8545	6.8234	5.5701
5750	5745	250.809	-22.341	250.809	4.8855	3.6644	4.8216	6.7859	5.5395
5800	5795	250.484	-22.666	250.484	4.8524	3.6396	4.7889	6.7487	5.5091
5850	5845	250.160	-22.990	250.160	4.8194	3.6149	4.7564	6.7115	5.4788
5900	5895	249.836	-23.314	249.836	4.7867	3.5903	4.7241	6.6746	5.4486
5950	5944	249.511	-23.639	249.511	4.7541	3.5659	4.6919	6.6378	5.4186
6000	5994	249.187	-23.963	249.187	4.7217 + 2	3.5416 + 2	4.6600 - 1	6.6011 - 1	5.3887 - 1
6050	6044	248.862	-24.288	248.862	4.6895	3.5174	4.6282	6.5646	5.3589
6100	6094	248.538	-24.612	248.538	4.6575	3.4934	4.5966	6.5283	5.3292
6150	6144	248.214	-24.936	248.214	4.6256	3.4695	4.5651	6.4921	5.2997
6200	6194	247.889	-25.261	247.889	4.5939	3.4457	4.5338	6.4561	5.2703
6250	6244	247.565	-25.585	247.565	4.5624	3.4221	4.5027	6.4202	5.2410
6300	6294	247.241	-25.909	247.241	4.5311	3.3986	4.4718	6.3845	5.2118
6350	6344	246.916	-26.234	246.916	4.4999	3.3752	4.4411	6.3489	5.1828
6400	6394	246.592	-26.558	246.592	4.4689	3.3520	4.4105	6.3135	5.1539
6450	6443	246.267	-26.883	246.267	4.4381	3.3289	4.3801	6.2782	5.1251
6500	6493	245.943	-27.207	245.943	4.4075 + 2	3.3059 + 2	4.3499 - 1	6.2431 - 1	5.0964 - 1
6550	6543	245.619	-27.531	245.619	4.3770	3.2830	4.3198	6.2081	5.0679
6600	6593	245.294	-27.856	245.294	4.3467	3.2603	4.2899	6.1733	5.0394
6650	6643	244.970	-28.180	244.970	4.3166	3.2377	4.2602	6.1387	5.0112
6700	6693	244.646	-28.504	244.646	4.2867	3.2153	4.2306	6.1042	4.9830
6750	6743	244.322	-28.828	244.322	4.2569	3.1929	4.2012	6.0698	4.9549
6800	6793	243.997	-29.153	243.997	4.2273	3.1707	4.1720	6.0356	4.9270
6850	6843	243.673	-29.477	243.673	4.1978	3.1486	4.1429	6.0015	4.8992
6900	6893	243.349	-29.801	243.349	4.1685	3.1267	4.1140	5.9676	4.8715
6950	6942	243.024	-30.126	243.024	4.1394	3.1048	4.0853	5.9338	4.8439

Table I
Geopotential Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
H (m)	Z (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
7000	7008	242.650	-30.500	242.650	4.1060 + 2	3.0798 + 2	4.0523 - 1	5.8950 - 1	4.8123 - 1
7050	7058	242.325	-30.825	242.325	4.0772	3.0581	4.0239	5.8615	4.7849
7100	7108	242.000	-31.150	242.000	4.0485	3.0366	3.9956	5.8281	4.7576
7150	7158	241.675	-31.475	241.675	4.0200	3.0153	3.9675	5.7949	4.7305
7200	7208	241.350	-31.800	241.350	3.9917	2.9940	3.9395	5.7618	4.7035
7250	7258	241.025	-32.125	241.025	3.9635	2.9729	3.9117	5.7288	4.6766
7300	7308	240.700	-32.450	240.700	3.9355	2.9519	3.8841	5.6960	4.6498
7350	7359	240.375	-32.775	240.375	3.9077	2.9310	3.8566	5.6634	4.6231
7400	7409	240.050	-33.100	240.050	3.8800	2.9102	3.8293	5.6308	4.5966
7450	7459	239.725	-33.425	239.725	3.8525	2.8896	3.8021	5.5985	4.5702
7500	7509	239.400	-33.750	239.400	3.8251 + 2	2.8690 + 2	3.7751 - 1	5.5662 - 1	4.5439 - 1
7550	7559	239.075	-34.075	239.075	3.7979	2.8486	3.7482	5.5341	4.5177
7600	7609	238.750	-34.400	238.750	3.7708	2.8283	3.7215	5.5022	4.4916
7650	7659	238.425	-34.725	238.425	3.7439	2.8082	3.6950	5.4704	4.4656
7700	7709	238.100	-35.050	238.100	3.7172	2.7881	3.6686	5.4387	4.4398
7750	7759	237.775	-35.375	237.775	3.6906	2.7682	3.6423	5.4072	4.4140
7800	7810	237.450	-35.700	237.450	3.6641	2.7483	3.6162	5.3758	4.3884
7850	7860	237.125	-36.025	237.125	3.6379	2.7286	3.5903	5.3446	4.3629
7900	7910	236.800	-36.350	236.800	3.6117	2.7090	3.5645	5.3135	4.3375
7950	7960	236.475	-36.675	236.475	3.5858	2.6895	3.5389	5.2825	4.3122
8000	8010	236.150	-37.000	236.150	3.5599 + 2	2.6702 + 2	3.5134 - 1	5.2517 - 1	4.2871 - 1
8050	8060	235.825	-37.325	235.825	3.5343	2.6509	3.4880	5.2210	4.2620
8100	8110	235.500	-37.650	235.500	3.5087	2.6318	3.4628	5.1904	4.2371
8150	8160	235.175	-37.975	235.175	3.4834	2.6127	3.4378	5.1600	4.2123
8200	8211	234.850	-38.300	234.850	3.4581	2.5938	3.4129	5.1297	4.1875
8250	8261	234.525	-38.625	234.525	3.4330	2.5750	3.3882	5.0996	4.1629
8300	8311	234.200	-38.950	234.200	3.4081	2.5563	3.3635	5.0696	4.1384
8350	8361	233.875	-39.275	233.875	3.3833	2.5377	3.3391	5.0397	4.1140
8400	8411	233.550	-39.600	233.550	3.3587	2.5192	3.3148	5.0100	4.0898
8450	8461	233.225	-39.925	233.225	3.3342	2.5008	3.2906	4.9804	4.0656
8500	8511	232.900	-40.250	232.900	3.3099 + 2	2.4826 + 2	3.2666 - 1	4.9509 - 1	4.0415 - 1
8550	8562	232.575	-40.575	232.575	3.2856	2.4644	3.2427	4.9216	4.0176
8600	8612	232.250	-40.900	232.250	3.2616	2.4464	3.2189	4.8924	3.9938
8650	8662	231.925	-41.225	231.925	3.2377	2.4284	3.1953	4.8633	3.9700
8700	8712	231.600	-41.550	231.600	3.2139	2.4106	3.1719	4.8344	3.9464
8750	8762	231.275	-41.875	231.275	3.1903	2.3929	3.1485	4.8055	3.9229
8800	8812	230.950	-42.200	230.950	3.1668	2.3753	3.1254	4.7769	3.8995
8850	8862	230.625	-42.525	230.625	3.1434	2.3577	3.1023	4.7483	3.8762
8900	8912	230.300	-42.850	230.300	3.1202	2.3403	3.0794	4.7199	3.8530
8950	8963	229.975	-43.175	229.975	3.0971	2.3230	3.0566	4.6916	3.8299
9000	9013	229.650	-43.500	229.650	3.0742 + 2	2.3058 + 2	3.0340 - 1	4.6635 - 1	3.8069 - 1
9050	9063	229.325	-43.825	229.325	3.0514	2.2887	3.0115	4.6355	3.7840
9100	9113	229.000	-44.150	229.000	3.0287	2.2717	2.9891	4.6076	3.7613
9150	9163	228.675	-44.475	228.675	3.0062	2.2548	2.9669	4.5798	3.7386
9200	9213	228.350	-44.800	228.350	2.9838	2.2380	2.9448	4.5522	3.7160
9250	9263	228.025	-45.125	228.025	2.9616	2.2213	2.9228	4.5247	3.6936
9300	9314	227.700	-45.450	227.700	2.9395	2.2048	2.9010	4.4973	3.6712
9350	9364	227.375	-45.775	227.375	2.9175	2.1883	2.8793	4.4700	3.6490
9400	9414	227.050	-46.100	227.050	2.8956	2.1719	2.8578	4.4429	3.6268
9450	9464	226.725	-46.425	226.725	2.8739	2.1556	2.8363	4.4159	3.6048
9500	9514	226.400	-46.750	226.400	2.8523 + 2	2.1394 + 2	2.8150 - 1	4.3890 - 1	3.5829 - 1
9550	9564	226.075	-47.075	226.075	2.8309	2.1233	2.7938	4.3623	3.5610
9600	9615	225.750	-47.400	225.750	2.8095	2.1073	2.7728	4.3356	3.5393
9650	9665	225.425	-47.725	225.425	2.7883	2.0914	2.7519	4.3091	3.5177
9700	9715	225.100	-48.050	225.100	2.7673	2.0756	2.7311	4.2827	3.4961
9750	9765	224.775	-48.375	224.775	2.7463	2.0599	2.7104	4.2565	3.4747
9800	9815	224.450	-48.700	224.450	2.7255	2.0443	2.6899	4.2304	3.4534
9850	9865	224.125	-49.025	224.125	2.7049	2.0288	2.6695	4.2044	3.4321
9900	9915	223.800	-49.350	223.800	2.6843	2.0134	2.6492	4.1785	3.4110
9950	9966	223.475	-49.675	223.475	2.6639	1.9981	2.6290	4.1527	3.3900
10000	10016	223.150	-50.000	223.150	2.6436 + 2	1.9828 + 2	2.6090 - 1	4.1271 - 1	3.3690 - 1
10050	10066	222.825	-50.325	222.825	2.6234	1.9677	2.5891	4.1015	3.3482
10100	10116	222.500	-50.650	222.500	2.6034	1.9527	2.5693	4.0761	3.3275
10150	10166	222.175	-50.975	222.175	2.5834	1.9377	2.5496	4.0509	3.3068
10200	10216	221.850	-51.300	221.850	2.5636	1.9229	2.5301	4.0257	3.2863
10250	10267	221.525	-51.625	221.525	2.5439	1.9081	2.5107	4.0007	3.2659
10300	10317	221.200	-51.950	221.200	2.5244	1.8934	2.4914	3.9757	3.2455
10350	10367	220.875	-52.275	220.875	2.5050	1.8789	2.4722	3.9509	3.2253
10400	10417	220.550	-52.600	220.550	2.4856	1.8644	2.4531	3.9263	3.2051
10450	10467	220.225	-52.925	220.225	2.4665	1.8500	2.4342	3.9017	3.1851
10500	10517	219.900	-53.250	219.900	2.4474 + 2	1.8357 + 2	2.4154 - 1	3.8773 - 1	3.1651 - 1
10550	10568	219.575	-53.575	219.575	2.4284	1.8215	2.3967	3.8529	3.1452
10600	10618	219.250	-53.900	219.250	2.4096	1.8073	2.3781	3.8287	3.1255
10650	10668	218.925	-54.225	218.925	2.3909	1.7933	2.3596	3.8046	3.1058
10700	10718	218.600	-54.550	218.600	2.3723	1.7794	2.3413	3.7806	3.0862
10750	10768	218.275	-54.875	218.275	2.3538	1.7655	2.3230	3.7568	3.0668
10800	10818	217.950	-55.200	217.950	2.3354	1.7517	2.3049	3.7330	3.0474
10850	10869	217.625	-55.525	217.625	2.3172	1.7380	2.2869	3.7094	3.0281
10900	10919	217.300	-55.850	217.300	2.2991	1.7244	2.2690	3.6859	3.0089
10950	10969	216.975	-56.175	216.975	2.2811	1.7109	2.2512	3.6625	2.9898

Table I
Geometric Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
Z (m)	H (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
7000	6992	242.700	-30.450	242.700	4.1105 + 2	3.0831 + 2	4.0567 - 1	5.9002 - 1	4.8165 - 1
7050	7042	242.376	-30.774	242.376	4.0817	3.0615	4.0283	5.8667	4.7891
7100	7092	242.051	-31.099	242.051	4.0531	3.0400	4.0001	5.8334	4.7619
7150	7142	241.727	-31.423	241.727	4.0246	3.0187	3.9720	5.8002	4.7348
7200	7192	241.403	-31.747	241.403	3.9963	2.9975	3.9441	5.7671	4.7079
7250	7242	241.079	-32.071	241.079	3.9682	2.9764	3.9163	5.7343	4.6810
7300	7292	240.754	-32.396	240.754	3.9402	2.9554	3.8887	5.7015	4.6543
7350	7342	240.430	-32.720	240.430	3.9124	2.9345	3.8612	5.6689	4.6277
7400	7391	240.106	-33.044	240.106	3.8847	2.9138	3.8339	5.6364	4.6012
7450	7441	239.782	-33.368	239.782	3.8573	2.8932	3.8068	5.6041	4.5748
7500	7491	239.457	-33.693	239.457	3.8299 + 2	2.8727 + 2	3.7798 - 1	5.5719 - 1	4.5485 - 1
7550	7541	239.133	-34.017	239.133	3.8027	2.8523	3.7530	5.5399	4.5224
7600	7591	238.809	-34.341	238.809	3.7757	2.8320	3.7263	5.5080	4.4963
7650	7641	238.485	-34.665	238.485	3.7489	2.8119	3.6998	5.4762	4.4704
7700	7691	238.161	-34.989	238.161	3.7221	2.7918	3.6735	5.4446	4.4446
7750	7741	237.836	-35.314	237.836	3.6956	2.7719	3.6473	5.4131	4.4189
7800	7790	237.512	-35.638	237.512	3.6692	2.7521	3.6212	5.3818	4.3933
7850	7840	237.188	-35.962	237.188	3.6429	2.7324	3.5953	5.3506	4.3678
7900	7890	236.864	-36.286	236.864	3.6168	2.7128	3.5695	5.3196	4.3425
7950	7940	236.540	-36.610	236.540	3.5909	2.6934	3.5439	5.2886	4.3173
8000	7990	236.215	-36.935	236.215	3.5651 + 2	2.6740 + 2	3.5185 - 1	5.2579 - 1	4.2921 - 1
8050	8040	235.891	-37.259	235.891	3.5395	2.6548	3.4932	5.2272	4.2671
8100	8090	235.567	-37.583	235.567	3.5140	2.6357	3.4680	5.1967	4.2422
8150	8140	235.243	-37.907	235.243	3.4886	2.6167	3.4430	5.1664	4.2174
8200	8189	234.919	-38.231	234.919	3.4634	2.5978	3.4182	5.1361	4.1928
8250	8239	234.595	-38.555	234.595	3.4384	2.5790	3.3934	5.1060	4.1682
8300	8289	234.270	-38.880	234.270	3.4135	2.5603	3.3689	5.0761	4.1437
8350	8339	233.946	-39.204	233.946	3.3888	2.5418	3.3444	5.0462	4.1194
8400	8389	233.622	-39.528	233.622	3.3641	2.5233	3.3202	5.0166	4.0951
8450	8439	233.298	-39.852	233.298	3.3397	2.5050	3.2960	4.9870	4.0710
8500	8489	232.974	-40.176	232.974	3.3154 + 2	2.4867 + 2	3.2720 - 1	4.9576 - 1	4.0470 - 1
8550	8539	232.650	-40.500	232.650	3.2912	2.4686	3.2482	4.9283	4.0231
8600	8588	232.326	-40.824	232.326	3.2672	2.4506	3.2244	4.8991	3.9993
8650	8638	232.001	-41.149	232.001	3.2433	2.4326	3.2009	4.8701	3.9756
8700	8688	231.677	-41.473	231.677	3.2195	2.4148	3.1774	4.8412	3.9520
8750	8738	231.353	-41.797	231.353	3.1959	2.3971	3.1541	4.8125	3.9285
8800	8788	231.029	-42.121	231.029	3.1725	2.3795	3.1310	4.7838	3.9052
8850	8838	230.705	-42.445	230.705	3.1492	2.3620	3.1080	4.7553	3.8819
8900	8888	230.381	-42.769	230.381	3.1260	2.3447	3.0851	4.7270	3.8588
8950	8937	230.057	-43.093	230.057	3.1029	2.3274	3.0623	4.6987	3.8357
9000	8987	229.733	-43.417	229.733	3.0800 + 2	2.3102 + 2	3.0397 - 1	4.6706 - 1	3.8128 - 1
9050	9037	229.409	-43.741	229.409	3.0573	2.2931	3.0173	4.6427	3.7899
9100	9087	229.085	-44.065	229.085	3.0346	2.2761	2.9949	4.6148	3.7672
9150	9137	228.760	-44.390	228.760	3.0121	2.2593	2.9727	4.5871	3.7446
9200	9187	228.436	-44.714	228.436	2.9898	2.2425	2.9507	4.5595	3.7220
9250	9237	228.112	-45.038	228.112	2.9675	2.2258	2.9287	4.5320	3.6996
9300	9286	227.788	-45.362	227.788	2.9454	2.2093	2.9069	4.5047	3.6773
9350	9336	227.464	-45.686	227.464	2.9235	2.1928	2.8853	4.4775	3.6551
9400	9386	227.140	-46.010	227.140	2.9017	2.1764	2.8637	4.4504	3.6330
9450	9436	226.816	-46.334	226.816	2.8800	2.1601	2.8423	4.4234	3.6110
9500	9486	226.492	-46.658	226.492	2.8584 + 2	2.1440 + 2	2.8210 - 1	4.3966 - 1	3.5891 - 1
9550	9536	226.168	-46.982	226.168	2.8370	2.1279	2.7999	4.3699	3.5673
9600	9586	225.844	-47.306	225.844	2.8157	2.1119	2.7789	4.3433	3.5456
9650	9635	225.520	-47.630	225.520	2.7945	2.0961	2.7580	4.3169	3.5240
9700	9685	225.196	-47.954	225.196	2.7735	2.0803	2.7372	4.2905	3.5025
9750	9735	224.872	-48.278	224.872	2.7526	2.0646	2.7166	4.2643	3.4811
9800	9785	224.548	-48.602	224.548	2.7318	2.0490	2.6961	4.2382	3.4598
9850	9835	224.224	-48.926	224.224	2.7111	2.0335	2.6757	4.2123	3.4386
9900	9885	223.900	-49.250	223.900	2.6906	2.0181	2.6554	4.1864	3.4175
9950	9934	223.576	-49.574	223.576	2.6702	2.0028	2.6353	4.1607	3.3965
10000	9984	223.252	-49.898	223.252	2.6499 + 2	1.9876 + 2	2.6153 - 1	4.1351 - 1	3.3756 - 1
10050	10034	222.928	-50.222	222.928	2.6298	1.9725	2.5954	4.1096	3.3548
10100	10084	222.604	-50.546	222.604	2.6098	1.9575	2.5756	4.0843	3.3341
10150	10134	222.280	-50.870	222.280	2.5899	1.9425	2.5560	4.0590	3.3135
10200	10184	221.956	-51.194	221.956	2.5701	1.9277	2.5365	4.0339	3.2930
10250	10233	221.632	-51.518	221.632	2.5504	1.9130	2.5171	4.0089	3.2726
10300	10283	221.308	-51.842	221.308	2.5309	1.8983	2.4978	3.9840	3.2523
10350	10333	220.984	-52.166	220.984	2.5115	1.8838	2.4786	3.9593	3.2321
10400	10383	220.660	-52.490	220.660	2.4922	1.8693	2.4596	3.9346	3.2119
10450	10433	220.336	-52.814	220.336	2.4730	1.8549	2.4407	3.9101	3.1919
10500	10483	220.013	-53.137	220.013	2.4540 + 2	1.8406 + 2	2.4219 - 1	3.8857 - 1	3.1720 - 1
10550	10533	219.689	-53.461	219.689	2.4350	1.8264	2.4032	3.8614	3.1522
10600	10582	219.365	-53.785	219.365	2.4162	1.8123	2.3846	3.8372	3.1324
10650	10632	219.041	-54.109	219.041	2.3975	1.7983	2.3662	3.8132	3.1128
10700	10682	218.717	-54.433	218.717	2.3790	1.7844	2.3479	3.7892	3.0933
10750	10732	218.393	-54.757	218.393	2.3605	1.7705	2.3296	3.7654	3.0738
10800	10782	218.069	-55.081	218.069	2.3422	1.7568	2.3115	3.7417	3.0545
10850	10832	217.745	-55.405	217.745	2.3239	1.7431	2.2935	3.7181	3.0352
10900	10881	217.421	-55.729	217.421	2.3058	1.7295	2.2757	3.6946	3.0160
10950	10931	217.097	-56.053	217.097	2.2878	1.7160	2.2579	3.6713	2.9970

Table I
Geopotential Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
H (m)	Z (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
11000	11019	216.650	-56.500	216.650	2.2632 + 2	1.6975 + 2	2.2336 - 1	3.6392 - 1	2.9708 - 1
11100	11119	216.650	-56.500	216.650	2.2277	1.6709	2.1986	3.5822	2.9243
11200	11220	216.650	-56.500	216.650	2.1929	1.6448	2.1642	3.5262	2.8785
11300	11320	216.650	-56.500	216.650	2.1586	1.6191	2.1304	3.4710	2.8335
11400	11420	216.650	-56.500	216.650	2.1248	1.5937	2.0970	3.4167	2.7892
11500	11521	216.650	-56.500	216.650	2.0916	1.5688	2.0642	3.3633	2.7455
11600	11621	216.650	-56.500	216.650	2.0588	1.5442	2.0319	3.3107	2.7026
11700	11722	216.650	-56.500	216.650	2.0266	1.5201	2.0001	3.2589	2.6603
11800	11822	216.650	-56.500	216.650	1.9949	1.4963	1.9688	3.2079	2.6187
11900	11922	216.650	-56.500	216.650	1.9637	1.4729	1.9380	3.1577	2.5777
12000	12023	216.650	-56.500	216.650	1.9330 + 2	1.4498 + 2	1.9077 - 1	3.1083 - 1	2.5374 - 1
12100	12123	216.650	-56.500	216.650	1.9027	1.4272	1.8779	3.0597	2.4977
12200	12223	216.650	-56.500	216.650	1.8730	1.4048	1.8485	3.0118	2.4586
12300	12324	216.650	-56.500	216.650	1.8437	1.3829	1.8196	2.9647	2.4201
12400	12424	216.650	-56.500	216.650	1.8148	1.3612	1.7911	2.9183	2.3823
12500	12525	216.650	-56.500	216.650	1.7864	1.3399	1.7631	2.8726	2.3450
12600	12625	216.650	-56.500	216.650	1.7585	1.3190	1.7355	2.8277	2.3083
12700	12725	216.650	-56.500	216.650	1.7310	1.2983	1.7083	2.7834	2.2722
12800	12826	216.650	-56.500	216.650	1.7039	1.2780	1.6816	2.7399	2.2366
12900	12926	216.650	-56.500	216.650	1.6772	1.2580	1.6553	2.6970	2.2017
13000	13027	216.650	-56.500	216.650	1.6510 + 2	1.2383 + 2	1.6294 - 1	2.6548 - 1	2.1672 - 1
13100	13127	216.650	-56.500	216.650	1.6252	1.2190	1.6039	2.6133	2.1333
13200	13227	216.650	-56.500	216.650	1.5997	1.1999	1.5788	2.5724	2.0999
13300	13328	216.650	-56.500	216.650	1.5747	1.1811	1.5541	2.5322	2.0671
13400	13428	216.650	-56.500	216.650	1.5501	1.1626	1.5298	2.4925	2.0347
13500	13529	216.650	-56.500	216.650	1.5258	1.1444	1.5059	2.4536	2.0029
13600	13629	216.650	-56.500	216.650	1.5019	1.1265	1.4823	2.4152	1.9716
13700	13730	216.650	-56.500	216.650	1.4784	1.1089	1.4591	2.3774	1.9407
13800	13830	216.650	-56.500	216.650	1.4553	1.0916	1.4363	2.3402	1.9104
13900	13930	216.650	-56.500	216.650	1.4325	1.0745	1.4138	2.3036	1.8805
14000	14031	216.650	-56.500	216.650	1.4101 + 2	1.0577 + 2	1.3917 - 1	2.2675 - 1	1.8510 - 1
14100	14131	216.650	-56.500	216.650	1.3881	1.0411	1.3699	2.2321	1.8221
14200	14232	216.650	-56.500	216.650	1.3663	1.0248	1.3485	2.1971	1.7936
14300	14332	216.650	-56.500	216.650	1.3450	1.0088	1.3274	2.1628	1.7655
14400	14433	216.650	-56.500	216.650	1.3239	9.9306 + 1	1.3066	2.1289	1.7379
14500	14533	216.650	-56.500	216.650	1.3032	9.7752	1.2862	2.0956	1.7107
14600	14634	216.650	-56.500	216.650	1.2828	9.6223	1.2660	2.0628	1.6839
14700	14734	216.650	-56.500	216.650	1.2628	9.4718	1.2462	2.0306	1.6576
14800	14835	216.650	-56.500	216.650	1.2430	9.3236	1.2267	1.9988	1.6317
14900	14935	216.650	-56.500	216.650	1.2235	9.1777	1.2075	1.9675	1.6061
15000	15035	216.650	-56.500	216.650	1.2044 + 2	9.0341 + 1	1.1887 - 1	1.9367 - 1	1.5810 - 1
15100	15136	216.650	-56.500	216.650	1.1856	8.8928	1.1701	1.9064	1.5563
15200	15236	216.650	-56.500	216.650	1.1670	8.7536	1.1518	1.8766	1.5319
15300	15337	216.650	-56.500	216.650	1.1488	8.6167	1.1337	1.8473	1.5080
15400	15437	216.650	-56.500	216.650	1.1308	8.4819	1.1160	1.8183	1.4844
15500	15538	216.650	-56.500	216.650	1.1131	8.3492	1.0985	1.7899	1.4611
15600	15638	216.650	-56.500	216.650	1.0957	8.2186	1.0813	1.7619	1.4383
15700	15739	216.650	-56.500	216.650	1.0785	8.0900	1.0644	1.7343	1.4158
15800	15839	216.650	-56.500	216.650	1.0617	7.9634	1.0478	1.7072	1.3936
15900	15940	216.650	-56.500	216.650	1.0450	7.8388	1.0314	1.6805	1.3718
16000	16040	216.650	-56.500	216.650	1.0287 + 2	7.7162 + 1	1.0152 - 1	1.6542 - 1	1.3504 - 1
16100	16141	216.650	-56.500	216.650	1.0126	7.5955	9.9940 - 2	1.6283	1.3292
16200	16241	216.650	-56.500	216.650	9.9680 + 1	7.4766	9.8377	1.6028	1.3084
16300	16342	216.650	-56.500	216.650	9.8121	7.3596	9.6838	1.5778	1.2880
16400	16442	216.650	-56.500	216.650	9.6586	7.2445	9.5323	1.5531	1.2678
16500	16543	216.650	-56.500	216.650	9.5074	7.1312	9.3831	1.5288	1.2480
16600	16643	216.650	-56.500	216.650	9.3587	7.0196	9.2363	1.5049	1.2285
16700	16744	216.650	-56.500	216.650	9.2123	6.9098	9.0918	1.4813	1.2092
16800	16845	216.650	-56.500	216.650	9.0682	6.8017	8.9496	1.4581	1.1903
16900	16945	216.650	-56.500	216.650	8.9263	6.6952	8.8096	1.4353	1.1717
17000	17046	216.650	-56.500	216.650	8.7866 + 1	6.5905 + 1	8.6717 - 2	1.4129 - 1	1.1534 - 1
17100	17146	216.650	-56.500	216.650	8.6492	6.4874	8.5361	1.3908	1.1353
17200	17247	216.650	-56.500	216.650	8.5138	6.3859	8.4025	1.3690	1.1176
17300	17347	216.650	-56.500	216.650	8.3806	6.2860	8.2710	1.3476	1.1001
17400	17448	216.650	-56.500	216.650	8.2495	6.1876	8.1416	1.3265	1.0829
17500	17548	216.650	-56.500	216.650	8.1205	6.0908	8.0143	1.3058	1.0659
17600	17649	216.650	-56.500	216.650	7.9934	5.9955	7.8889	1.2853	1.0492
17700	17749	216.650	-56.500	216.650	7.8684	5.9017	7.7655	1.2652	1.0328
17800	17850	216.650	-56.500	216.650	7.7452	5.8094	7.6440	1.2454	1.0167
17900	17951	216.650	-56.500	216.650	7.6241	5.7185	7.5244	1.2259	1.0008
18000	18051	216.650	-56.500	216.650	7.5048 + 1	5.6290 + 1	7.4067 - 2	1.2068 - 1	9.8511 - 2
18100	18152	216.650	-56.500	216.650	7.3874	5.5410	7.2908	1.1879	9.6970
18200	18252	216.650	-56.500	216.650	7.2718	5.4543	7.1767	1.1693	9.5453
18300	18353	216.650	-56.500	216.650	7.1580	5.3690	7.0644	1.1510	9.3959
18400	18453	216.650	-56.500	216.650	7.0460	5.2850	6.9539	1.1330	9.2489
18500	18554	216.650	-56.500	216.650	6.9358	5.2023	6.8451	1.1153	9.1042
18600	18655	216.650	-56.500	216.650	6.8273	5.1209	6.7380	1.0978	8.9618
18700	18755	216.650	-56.500	216.650	6.7205	5.0408	6.6326	1.0806	8.8216
18800	18856	216.650	-56.500	216.650	6.6153	4.9619	6.5288	1.0637	8.6836
18900	18956	216.650	-56.500	216.650	6.5118	4.8843	6.4267	1.0471	8.5477

Table I
Geometric Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
Z (m)	H (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
11000	10981	216.774	-56.376	216.774	2.2699 + 2	1.7026 + 2	2.2403 - 1	3.6480 - 1	2.9780 - 1
11100	11081	216.650	-56.500	216.650	2.2346	1.6760	2.2053	3.5932	2.9332
11200	11180	216.650	-56.500	216.650	2.1997	1.6499	2.1710	3.5372	2.8875
11300	11280	216.650	-56.500	216.650	2.1654	1.6242	2.1371	3.4820	2.8425
11400	11380	216.650	-56.500	216.650	2.1317	1.5989	2.1038	3.4277	2.7982
11500	11479	216.650	-56.500	216.650	2.0984	1.5739	2.0710	3.3743	2.7545
11600	11579	216.650	-56.500	216.650	2.0657	1.5494	2.0387	3.3217	2.7116
11700	11679	216.650	-56.500	216.650	2.0335	1.5252	2.0069	3.2699	2.6693
11800	11778	216.650	-56.500	216.650	2.0018	1.5015	1.9756	3.2190	2.6277
11900	11878	216.650	-56.500	216.650	1.9706	1.4781	1.9448	3.1688	2.5868
12000	11977	216.650	-56.500	216.650	1.9399 + 2	1.4550 + 2	1.9145 - 1	3.1194 - 1	2.5464 - 1
12100	12077	216.650	-56.500	216.650	1.9097	1.4323	1.8847	3.0708	2.5067
12200	12177	216.650	-56.500	216.650	1.8799	1.4100	1.8553	3.0229	2.4677
12300	12276	216.650	-56.500	216.650	1.8506	1.3880	1.8264	2.9758	2.4292
12400	12376	216.650	-56.500	216.650	1.8218	1.3664	1.7979	2.9294	2.3914
12500	12475	216.650	-56.500	216.650	1.7934	1.3451	1.7699	2.8838	2.3541
12600	12575	216.650	-56.500	216.650	1.7654	1.3242	1.7423	2.8388	2.3174
12700	12675	216.650	-56.500	216.650	1.7379	1.3035	1.7152	2.7946	2.2813
12800	12774	216.650	-56.500	216.650	1.7108	1.2832	1.6884	2.7510	2.2457
12900	12874	216.650	-56.500	216.650	1.6842	1.2632	1.6621	2.7082	2.2107
13000	12973	216.650	-56.500	216.650	1.6579 + 2	1.2435 + 2	1.6362 - 1	2.6660 - 1	2.1763 - 1
13100	13073	216.650	-56.500	216.650	1.6321	1.2241	1.6107	2.6244	2.1424
13200	13173	216.650	-56.500	216.650	1.6066	1.2051	1.5856	2.5835	2.1090
13300	13272	216.650	-56.500	216.650	1.5816	1.1863	1.5609	2.5433	2.0761
13400	13372	216.650	-56.500	216.650	1.5570	1.1678	1.5366	2.5037	2.0438
13500	13471	216.650	-56.500	216.650	1.5327	1.1496	1.5127	2.4646	2.0120
13600	13571	216.650	-56.500	216.650	1.5088	1.1317	1.4891	2.4263	1.9806
13700	13671	216.650	-56.500	216.650	1.4853	1.1141	1.4659	2.3885	1.9498
13800	13770	216.650	-56.500	216.650	1.4622	1.0967	1.4431	2.3512	1.9194
13900	13870	216.650	-56.500	216.650	1.4394	1.0796	1.4206	2.3146	1.8895
14000	13969	216.650	-56.500	216.650	1.4170 + 2	1.0628 + 2	1.3985 - 1	2.2786 - 1	1.8601 - 1
14100	14069	216.650	-56.500	216.650	1.3949	1.0463	1.3767	2.2431	1.8311
14200	14168	216.650	-56.500	216.650	1.3732	1.0300	1.3552	2.2081	1.8026
14300	14268	216.650	-56.500	216.650	1.3518	1.0139	1.3341	2.1737	1.7745
14400	14367	216.650	-56.500	216.650	1.3307	9.9817 + 1	1.3133	2.1399	1.7468
14500	14467	216.650	-56.500	216.650	1.3100	9.8262	1.2929	2.1066	1.7196
14600	14567	216.650	-56.500	216.650	1.2896	9.6732	1.2727	2.0737	1.6929
14700	14666	216.650	-56.500	216.650	1.2695	9.5226	1.2529	2.0414	1.6665
14800	14766	216.650	-56.500	216.650	1.2498	9.3743	1.2334	2.0097	1.6405
14900	14865	216.650	-56.500	216.650	1.2303	9.2283	1.2142	1.9784	1.6150
15000	14965	216.650	-56.500	216.650	1.2111 + 2	9.0846 + 1	1.1953 - 1	1.9476 - 1	1.5898 - 1
15100	15064	216.650	-56.500	216.650	1.1923	8.9431	1.1767	1.9172	1.5651
15200	15164	216.650	-56.500	216.650	1.1737	8.8038	1.1584	1.8874	1.5407
15300	15263	216.650	-56.500	216.650	1.1554	8.6668	1.1403	1.8580	1.5167
15400	15363	216.650	-56.500	216.650	1.1374	8.5318	1.1226	1.8291	1.4931
15500	15462	216.650	-56.500	216.650	1.1197	8.3990	1.1051	1.8006	1.4699
15600	15562	216.650	-56.500	216.650	1.1023	8.2682	1.0879	1.7725	1.4470
15700	15661	216.650	-56.500	216.650	1.0851	8.1395	1.0709	1.7449	1.4244
15800	15761	216.650	-56.500	216.650	1.0682	8.0128	1.0543	1.7178	1.4023
15900	15860	216.650	-56.500	216.650	1.0516	7.8880	1.0379	1.6910	1.3804
16000	15960	216.650	-56.500	216.650	1.0352 + 2	7.7652 + 1	1.0217 - 1	1.6647 - 1	1.3589 - 1
16100	16059	216.650	-56.500	216.650	1.0191	7.6443	1.0058	1.6388	1.3378
16200	16159	216.650	-56.500	216.650	1.0033	7.5253	9.9018 - 2	1.6133	1.3170
16300	16258	216.650	-56.500	216.650	9.8768 + 1	7.4082	9.7476	1.5882	1.2965
16400	16358	216.650	-56.500	216.650	9.7231	7.2929	9.5959	1.5635	1.2763
16500	16457	216.650	-56.500	216.650	9.5717	7.1794	9.4465	1.5391	1.2564
16600	16557	216.650	-56.500	216.650	9.4227	7.0676	9.2995	1.5152	1.2369
16700	16656	216.650	-56.500	216.650	9.2761	6.9576	9.1548	1.4916	1.2176
16800	16756	216.650	-56.500	216.650	9.1317	6.8493	9.0123	1.4684	1.1987
16900	16855	216.650	-56.500	216.650	8.9896	6.7427	8.8720	1.4455	1.1800
17000	16955	216.650	-56.500	216.650	8.8497 + 1	6.6378 + 1	8.7340 - 2	1.4230 - 1	1.1616 - 1
17100	17054	216.650	-56.500	216.650	8.7120	6.5345	8.5980	1.4009	1.1436
17200	17154	216.650	-56.500	216.650	8.5764	6.4328	8.4642	1.3791	1.1258
17300	17253	216.650	-56.500	216.650	8.4429	6.3327	8.3325	1.3576	1.1083
17400	17352	216.650	-56.500	216.650	8.3115	6.2342	8.2029	1.3365	1.0910
17500	17452	216.650	-56.500	216.650	8.1822	6.1372	8.0752	1.3157	1.0740
17600	17551	216.650	-56.500	216.650	8.0549	6.0417	7.9496	1.2952	1.0573
17700	17651	216.650	-56.500	216.650	7.9296	5.9477	7.8259	1.2751	1.0409
17800	17750	216.650	-56.500	216.650	7.8062	5.8551	7.7041	1.2552	1.0247
17900	17850	216.650	-56.500	216.650	7.6847	5.7640	7.5843	1.2357	1.0087
18000	17949	216.650	-56.500	216.650	7.5652 + 1	5.6743 + 1	7.4663 - 2	1.2165 - 1	9.9304 - 2
18100	18049	216.650	-56.500	216.650	7.4475	5.5861	7.3501	1.1975	9.7759
18200	18148	216.650	-56.500	216.650	7.3316	5.4992	7.2358	1.1789	9.6238
18300	18247	216.650	-56.500	216.650	7.2176	5.4136	7.1232	1.1606	9.4741
18400	18347	216.650	-56.500	216.650	7.1053	5.3294	7.0124	1.1425	9.3267
18500	18446	216.650	-56.500	216.650	6.9948	5.2465	6.9033	1.1248	9.1816
18600	18546	216.650	-56.500	216.650	6.8860	5.1649	6.7959	1.1073	9.0388
18700	18645	216.650	-56.500	216.650	6.7789	5.0845	6.6902	1.0900	8.8982
18800	18745	216.650	-56.500	216.650	6.6734	5.0055	6.5862	1.0731	8.7598
18900	18844	216.650	-56.500	216.650	6.5696	4.9276	6.4837	1.0564	8.6236

Table I
Geopotential Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
H (m)	Z (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
19000	19057	216.650	-56.500	216.650	6.4100 + 1	4.8078 + 1	6.3261 - 2	1.0307 - 1	8.4140 - 2
19100	19158	216.650	-56.500	216.650	6.3097	4.7326	6.2272	1.0146	8.2823
19200	19258	216.650	-56.500	216.650	6.2110	4.6586	6.1297	9.9871 - 2	8.1528
19300	19359	216.650	-56.500	216.650	6.1138	4.5857	6.0338	9.8309	8.0252
19400	19459	216.650	-56.500	216.650	6.0181	4.5140	5.9394	9.6771	7.8997
19500	19560	216.650	-56.500	216.650	5.9240	4.4433	5.8465	9.5257	7.7761
19600	19661	216.650	-56.500	216.650	5.8313	4.3738	5.7550	9.3767	7.6544
19700	19761	216.650	-56.500	216.650	5.7401	4.3054	5.6650	9.2300	7.5347
19800	19862	216.650	-56.500	216.650	5.6503	4.2380	5.5764	9.0856	7.4168
19900	19962	216.650	-56.500	216.650	5.5619	4.1717	5.4891	8.9434	7.3007
20000	20063	216.650	-56.500	216.650	5.4748 + 1	4.1065 + 1	5.4032 - 2	8.8035 - 2	7.1865 - 2
20100	20164	216.750	-56.400	216.750	5.3892	4.0422	5.3187	8.6618	7.0708
20200	20264	216.850	-56.300	216.850	5.3049	3.9790	5.2356	8.5224	6.9571
20300	20365	216.950	-56.200	216.950	5.2220	3.9168	5.1538	8.3854	6.8452
20400	20466	217.050	-56.100	217.050	5.1405	3.8557	5.0732	8.2506	6.7352
20500	20566	217.150	-56.000	217.150	5.0602	3.7955	4.9940	8.1180	6.6270
20600	20667	217.250	-55.900	217.250	4.9812	3.7362	4.9161	7.9877	6.5205
20700	20768	217.350	-55.800	217.350	4.9035	3.6779	4.8394	7.8595	6.4159
20800	20868	217.450	-55.700	217.450	4.8271	3.6206	4.7640	7.7334	6.3129
20900	20969	217.550	-55.600	217.550	4.7519	3.5642	4.6897	7.6093	6.2117
21000	21070	217.650	-55.500	217.650	4.6778 + 1	3.5087 + 1	4.6167 - 2	7.4874 - 2	6.1121 - 2
21100	21170	217.750	-55.400	217.750	4.6050	3.4540	4.5448	7.3674	6.0142
21200	21271	217.850	-55.300	217.850	4.5333	3.4003	4.4740	7.2494	5.9179
21300	21372	217.950	-55.200	217.950	4.4628	3.3474	4.4044	7.1334	5.8232
21400	21472	218.050	-55.100	218.050	4.3934	3.2953	4.3360	7.0192	5.7300
21500	21573	218.150	-55.000	218.150	4.3251	3.2441	4.2686	6.9070	5.6383
21600	21674	218.250	-54.900	218.250	4.2579	3.1937	4.2023	6.7965	5.5482
21700	21774	218.350	-54.800	218.350	4.1918	3.1441	4.1370	6.6879	5.4595
21800	21875	218.450	-54.700	218.450	4.1268	3.0953	4.0728	6.5811	5.3724
21900	21976	218.550	-54.600	218.550	4.0627	3.0473	4.0096	6.4761	5.2866
22000	22076	218.650	-54.500	218.650	3.9997 + 1	3.0000 + 1	3.9474 - 2	6.3727 - 2	5.2022 - 2
22100	22177	218.750	-54.400	218.750	3.9377	2.9535	3.8862	6.2711	5.1193
22200	22278	218.850	-54.300	218.850	3.8767	2.9078	3.8260	6.1711	5.0376
22300	22379	218.950	-54.200	218.950	3.8167	2.8627	3.7668	6.0728	4.9574
22400	22479	219.050	-54.100	219.050	3.7576	2.8184	3.7085	5.9760	4.8784
22500	22580	219.150	-54.000	219.150	3.6995	2.7748	3.6511	5.8809	4.8007
22600	22681	219.250	-53.900	219.250	3.6423	2.7319	3.5946	5.7873	4.7243
22700	22781	219.350	-53.800	219.350	3.5860	2.6897	3.5391	5.6953	4.6492
22800	22882	219.450	-53.700	219.450	3.5306	2.6481	3.4844	5.6047	4.5753
22900	22983	219.550	-53.600	219.550	3.4760	2.6072	3.4306	5.5156	4.5026
23000	23084	219.650	-53.500	219.650	3.4224 + 1	2.5670 + 1	3.3776 - 2	5.4280 - 2	4.4310 - 2
23100	23184	219.750	-53.400	219.750	3.3696	2.5274	3.3255	5.3418	4.3607
23200	23285	219.850	-53.300	219.850	3.3176	2.4884	3.2742	5.2571	4.2915
23300	23386	219.950	-53.200	219.950	3.2665	2.4500	3.2237	5.1737	4.2234
23400	23486	220.050	-53.100	220.050	3.2161	2.4123	3.1741	5.0916	4.1564
23500	23587	220.150	-53.000	220.150	3.1666	2.3751	3.1252	5.0109	4.0906
23600	23688	220.250	-52.900	220.250	3.1178	2.3386	3.0771	4.9316	4.0258
23700	23789	220.350	-52.800	220.350	3.0699	2.3026	3.0297	4.8535	3.9620
23800	23889	220.450	-52.700	220.450	3.0226	2.2672	2.9831	4.7766	3.8993
23900	23990	220.550	-52.600	220.550	2.9762	2.2323	2.9373	4.7011	3.8376
24000	24091	220.650	-52.500	220.650	2.9304 + 1	2.1980 + 1	2.8921 - 2	4.6267 - 2	3.7769 - 2
24100	24192	220.750	-52.400	220.750	2.8854	2.1642	2.8477	4.5536	3.7172
24200	24292	220.850	-52.300	220.850	2.8411	2.1310	2.8040	4.4817	3.6585
24300	24393	220.950	-52.200	220.950	2.7975	2.0983	2.7609	4.4109	3.6007
24400	24494	221.050	-52.100	221.050	2.7546	2.0661	2.7186	4.3413	3.5439
24500	24595	221.150	-52.000	221.150	2.7124	2.0344	2.6769	4.2728	3.4880
24600	24696	221.250	-51.900	221.250	2.6708	2.0033	2.6359	4.2054	3.4330
24700	24796	221.350	-51.800	221.350	2.6299	1.9726	2.5955	4.1391	3.3788
24800	24897	221.450	-51.700	221.450	2.5896	1.9424	2.5558	4.0739	3.3256
24900	24998	221.550	-51.600	221.550	2.5500	1.9126	2.5166	4.0097	3.2732
25000	25099	221.650	-51.500	221.650	2.5110 + 1	1.8834 + 1	2.4781 - 2	3.9466 - 2	3.2217 - 2
25100	25200	221.750	-51.400	221.750	2.4726	1.8546	2.4402	3.8845	3.1710
25200	25300	221.850	-51.300	221.850	2.4348	1.8262	2.4029	3.8234	3.1211
25300	25401	221.950	-51.200	221.950	2.3976	1.7983	2.3662	3.7633	3.0721
25400	25502	222.050	-51.100	222.050	2.3610	1.7709	2.3301	3.7041	3.0238
25500	25603	222.150	-51.000	222.150	2.3249	1.7438	2.2945	3.6460	2.9763
25600	25704	222.250	-50.900	222.250	2.2895	1.7172	2.2595	3.5887	2.9296
25700	25804	222.350	-50.800	222.350	2.2545	1.6910	2.2251	3.5324	2.8836
25800	25905	222.450	-50.700	222.450	2.2202	1.6653	2.1911	3.4770	2.8383
25900	26006	222.550	-50.600	222.550	2.1863	1.6399	2.1578	3.4225	2.7938
26000	26107	222.650	-50.500	222.650	2.1530 + 1	1.6149 + 1	2.1249 - 2	3.3688 - 2	2.7501 - 2
26100	26208	222.750	-50.400	222.750	2.1203	1.5903	2.0925	3.3160	2.7070
26200	26308	222.850	-50.300	222.850	2.0880	1.5661	2.0607	3.2641	2.6646
26300	26409	222.950	-50.200	222.950	2.0562	1.5423	2.0294	3.2130	2.6229
26400	26510	223.050	-50.100	223.050	2.0250	1.5188	1.9985	3.1628	2.5819
26500	26611	223.150	-50.000	223.150	1.9942	1.4958	1.9681	3.1133	2.5415
26600	26712	223.250	-49.900	223.250	1.9639	1.4730	1.9382	3.0646	2.5018
26700	26813	223.350	-49.800	223.350	1.9341	1.4507	1.9088	3.0168	2.4627
26800	26913	223.450	-49.700	223.450	1.9047	1.4287	1.8798	2.9697	2.4242
26900	27014	223.550	-49.600	223.550	1.8758	1.4070	1.8513	2.9233	2.3864

Table I
Geometric Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
Z (m)	H (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
19000	18943	216.650	-56.500	216.650	6.4674 + 1	4.8510 + 1	6.3829 - 2	1.0400 - 1	8.4894 - 2
19100	19043	216.650	-56.500	216.650	6.3669	4.7755	6.2836	1.0238	8.3574
19200	19142	216.650	-56.500	216.650	6.2678	4.7013	6.1859	1.0079	8.2274
19300	19242	216.650	-56.500	216.650	6.1704	4.6281	6.0897	9.9219 - 2	8.0995
19400	19341	216.650	-56.500	216.650	6.0744	4.5562	5.9950	9.7676	7.9735
19500	19440	216.650	-56.500	216.650	5.9799	4.4853	5.9017	9.6157	7.8495
19600	19540	216.650	-56.500	216.650	5.8870	4.4156	5.8100	9.4662	7.7275
19700	19639	216.650	-56.500	216.650	5.7954	4.3469	5.7196	9.3190	7.6073
19800	19739	216.650	-56.500	216.650	5.7053	4.2793	5.6307	9.1741	7.4890
19900	19838	216.650	-56.500	216.650	5.6166	4.2128	5.5431	9.0314	7.3726
20000	19937	216.650	-56.500	216.650	5.5293 + 1	4.1473 + 1	5.4570 - 2	8.8910 - 2	7.2580 - 2
20100	20037	216.687	-56.463	216.687	5.4433	4.0828	5.3721	8.7513	7.1439
20200	20136	216.786	-56.364	216.786	5.3587	4.0193	5.2886	8.6113	7.0297
20300	20235	216.885	-56.265	216.885	5.2755	3.9569	5.2065	8.4737	6.9173
20400	20335	216.985	-56.165	216.985	5.1936	3.8955	5.1256	8.3383	6.8068
20500	20434	217.084	-56.066	217.084	5.1130	3.8350	5.0461	8.2052	6.6981
20600	20533	217.183	-55.967	217.183	5.0336	3.7755	4.9678	8.0742	6.5912
20700	20633	217.283	-55.867	217.283	4.9556	3.7170	4.8908	7.9454	6.4860
20800	20732	217.382	-55.768	217.382	4.8788	3.6594	4.8150	7.8187	6.3826
20900	20832	217.482	-55.668	217.482	4.8033	3.6027	4.7404	7.6941	6.2809
21000	20931	217.581	-55.569	217.581	4.7289 + 1	3.5469 + 1	4.6671 - 2	7.5715 - 2	6.1808 - 2
21100	21030	217.680	-55.470	217.680	4.6557	3.4921	4.5948	7.4509	6.0824
21200	21130	217.780	-55.370	217.780	4.5837	3.4381	4.5238	7.3324	5.9856
21300	21229	217.879	-55.271	217.879	4.5129	3.3849	4.4538	7.2157	5.8904
21400	21328	217.978	-55.172	217.978	4.4431	3.3326	4.3850	7.1010	5.7967
21500	21428	218.078	-55.072	218.078	4.3745	3.2811	4.3173	6.9881	5.7046
21600	21527	218.177	-54.973	218.177	4.3070	3.2305	4.2507	6.8771	5.6140
21700	21626	218.276	-54.874	218.276	4.2405	3.1806	4.1851	6.7680	5.5249
21800	21725	218.375	-54.775	218.375	4.1751	3.1316	4.1205	6.6606	5.4372
21900	21825	218.475	-54.675	218.475	4.1108	3.0833	4.0570	6.5549	5.3509
22000	21924	218.574	-54.576	218.574	4.0475 + 1	3.0358 + 1	3.9945 - 2	6.4510 - 2	5.2661 - 2
22100	22023	218.673	-54.477	218.673	3.9851	2.9891	3.9330	6.3488	5.1827
22200	22123	218.773	-54.377	218.773	3.9238	2.9431	3.8725	6.2482	5.1006
22300	22222	218.872	-54.278	218.872	3.8634	2.8978	3.8129	6.1493	5.0198
22400	22321	218.971	-54.179	218.971	3.8040	2.8532	3.7543	6.0520	4.9404
22500	22421	219.071	-54.079	219.071	3.7455	2.8094	3.6966	5.9563	4.8623
22600	22520	219.170	-53.980	219.170	3.6880	2.7662	3.6398	5.8621	4.7854
22700	22619	219.269	-53.881	219.269	3.6314	2.7237	3.5839	5.7695	4.7098
22800	22719	219.369	-53.781	219.369	3.5757	2.6819	3.5289	5.6784	4.6354
22900	22818	219.468	-53.682	219.468	3.5208	2.6408	3.4748	5.5888	4.5622
23000	22917	219.567	-53.583	219.567	3.4668 + 1	2.6003 + 1	3.4215 - 2	5.5006 - 2	4.4903 - 2
23100	23016	219.666	-53.484	219.666	3.4137	2.5605	3.3690	5.4138	4.4195
23200	23116	219.766	-53.384	219.766	3.3614	2.5212	3.3174	5.3285	4.3498
23300	23215	219.865	-53.285	219.865	3.3099	2.4826	3.2666	5.2445	4.2813
23400	23314	219.964	-53.186	219.964	3.2593	2.4446	3.2167	5.1620	4.2138
23500	23413	220.063	-53.087	220.063	3.2094	2.4073	3.1675	5.0807	4.1475
23600	23513	220.163	-52.987	220.163	3.1604	2.3705	3.1190	5.0008	4.0823
23700	23612	220.262	-52.888	220.262	3.1121	2.3342	3.0714	4.9221	4.0181
23800	23711	220.361	-52.789	220.361	3.0645	2.2986	3.0245	4.8448	3.9549
23900	23810	220.460	-52.690	220.460	3.0177	2.2635	2.9783	4.7687	3.8928
24000	23910	220.560	-52.590	220.560	2.9717 + 1	2.2289 + 1	2.9328 - 2	4.6938 - 2	3.8317 - 2
24100	24009	220.659	-52.491	220.659	2.9264	2.1949	2.8881	4.6201	3.7715
24200	24108	220.758	-52.392	220.758	2.8818	2.1615	2.8441	4.5476	3.7124
24300	24207	220.857	-52.293	220.857	2.8379	2.1286	2.8007	4.4763	3.6542
24400	24307	220.957	-52.193	220.957	2.7946	2.0961	2.7581	4.4062	3.5969
24500	24406	221.056	-52.094	221.056	2.7521	2.0642	2.7161	4.3372	3.5405
24600	24505	221.155	-51.995	221.155	2.7102	2.0328	2.6748	4.2693	3.4851
24700	24604	221.254	-51.896	221.254	2.6690	2.0019	2.6341	4.2024	3.4306
24800	24704	221.354	-51.796	221.354	2.6284	1.9715	2.5940	4.1367	3.3769
24900	24803	221.453	-51.697	221.453	2.5885	1.9415	2.5546	4.0720	3.3241
25000	24902	221.552	-51.598	221.552	2.5492 + 1	1.9120 + 1	2.5158 - 2	4.0084 - 2	3.2722 - 2
25100	25001	221.651	-51.499	221.651	2.5105	1.8830	2.4776	3.9458	3.2210
25200	25100	221.750	-51.400	221.750	2.4724	1.8544	2.4401	3.8842	3.1708
25300	25200	221.850	-51.300	221.850	2.4349	1.8263	2.4031	3.8236	3.1213
25400	25299	221.949	-51.201	221.949	2.3980	1.7986	2.3666	3.7639	3.0726
25500	25398	222.048	-51.102	222.048	2.3617	1.7714	2.3308	3.7052	3.0247
25600	25497	222.147	-51.003	222.147	2.3259	1.7445	2.2955	3.6475	2.9776
25700	25597	222.247	-50.903	222.247	2.2907	1.7181	2.2607	3.5907	2.9312
25800	25696	222.346	-50.804	222.346	2.2560	1.6921	2.2265	3.5348	2.8855
25900	25795	222.445	-50.705	222.445	2.2219	1.6666	2.1929	3.4798	2.8406
26000	25894	222.544	-50.606	222.544	2.1883 + 1	1.6414 + 1	2.1597 - 2	3.4257 - 2	2.7965 - 2
26100	25993	222.643	-50.507	222.643	2.1553	1.6166	2.1271	3.3724	2.7530
26200	26092	222.742	-50.408	222.742	2.1227	1.5922	2.0950	3.3200	2.7102
26300	26192	222.842	-50.308	222.842	2.0907	1.5681	2.0633	3.2684	2.6681
26400	26291	222.941	-50.209	222.941	2.0591	1.5445	2.0322	3.2177	2.6267
26500	26390	223.040	-50.110	223.040	2.0281	1.5212	2.0016	3.1678	2.5859
26600	26489	223.139	-50.011	223.139	1.9975	1.4983	1.9714	3.1186	2.5458
26700	26588	223.238	-49.912	223.238	1.9674	1.4757	1.9417	3.0703	2.5064
26800	26687	223.337	-49.813	223.337	1.9378	1.4535	1.9125	3.0227	2.4675
26900	26787	223.437	-49.713	223.437	1.9086	1.4316	1.8837	2.9759	2.4293

Table I
Geopotential Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
H (m)	Z (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
27000	27115	223.650	-49.500	223.650	1.8474 + 1	1.3857 + 1	1.8232 - 2	2.8777 - 2	2.3491 - 2
27100	27216	223.750	-49.400	223.750	1.8194	1.3647	1.7956	2.8328	2.3125
27200	27317	223.850	-49.300	223.850	1.7918	1.3440	1.7684	2.7886	2.2764
27300	27418	223.950	-49.200	223.950	1.7647	1.3236	1.7416	2.7452	2.2410
27400	27519	224.050	-49.100	224.050	1.7380	1.3036	1.7153	2.7024	2.2061
27500	27619	224.150	-49.000	224.150	1.7117	1.2839	1.6893	2.6604	2.1717
27600	27720	224.250	-48.900	224.250	1.6858	1.2645	1.6638	2.6190	2.1379
27700	27821	224.350	-48.800	224.350	1.6603	1.2453	1.6386	2.5782	2.1047
27800	27922	224.450	-48.700	224.450	1.6352	1.2265	1.6139	2.5381	2.0720
27900	28023	224.550	-48.600	224.550	1.6106	1.2080	1.5895	2.4987	2.0398
28000	28124	224.650	-48.500	224.650	1.5862 + 1	1.1898 + 1	1.5655 - 2	2.4599 - 2	2.0081 - 2
28100	28225	224.750	-48.400	224.750	1.5623	1.1718	1.5419	2.4217	1.9769
28200	28326	224.850	-48.300	224.850	1.5387	1.1541	1.5186	2.3841	1.9462
28300	28427	224.950	-48.200	224.950	1.5155	1.1367	1.4957	2.3471	1.9160
28400	28527	225.050	-48.100	225.050	1.4927	1.1196	1.4732	2.3107	1.8863
28500	28628	225.150	-48.000	225.150	1.4702	1.1027	1.4510	2.2749	1.8571
28600	28729	225.250	-47.900	225.250	1.4481	1.0861	1.4291	2.2397	1.8283
28700	28830	225.350	-47.800	225.350	1.4263	1.0698	1.4076	2.2050	1.8000
28800	28931	225.450	-47.700	225.450	1.4048	1.0537	1.3865	2.1708	1.7721
28900	29032	225.550	-47.600	225.550	1.3837	1.0379	1.3656	2.1373	1.7447
29000	29133	225.650	-47.500	225.650	1.3629 + 1	1.0223 + 1	1.3451 - 2	2.1042 - 2	1.7177 - 2
29100	29234	225.750	-47.400	225.750	1.3424	1.0069	1.3249	2.0717	1.6912
29200	29335	225.850	-47.300	225.850	1.3223	9.9182 + 0	1.3050	2.0397	1.6650
29300	29436	225.950	-47.200	225.950	1.3024	9.7694	1.2854	2.0082	1.6393
29400	29537	226.050	-47.100	226.050	1.2829	9.6228	1.2661	1.9772	1.6140
29500	29638	226.150	-47.000	226.150	1.2637	9.4785	1.2471	1.9466	1.5891
29600	29738	226.250	-46.900	226.250	1.2447	9.3364	1.2284	1.9166	1.5646
29700	29839	226.350	-46.800	226.350	1.2261	9.1965	1.2100	1.8871	1.5405
29800	29940	226.450	-46.700	226.450	1.2077	9.0588	1.1919	1.8580	1.5167
29900	30041	226.550	-46.600	226.550	1.1896	8.9232	1.1741	1.8294	1.4934
30000	30142	226.650	-46.500	226.650	1.1718 + 1	8.7897 + 0	1.1565 - 2	1.8012 - 2	1.4704 - 2
30100	30243	226.750	-46.400	226.750	1.1543	8.6582	1.1392	1.7735	1.4477
30200	30344	226.850	-46.300	226.850	1.1370	8.5288	1.1222	1.7462	1.4255
30300	30445	226.950	-46.200	226.950	1.1200	8.4013	1.1054	1.7193	1.4035
30400	30546	227.050	-46.100	227.050	1.1033	8.2758	1.0889	1.6929	1.3820
30500	30647	227.150	-46.000	227.150	1.0868	8.1522	1.0726	1.6669	1.3607
30600	30748	227.250	-45.900	227.250	1.0706	8.0306	1.0566	1.6413	1.3398
30700	30849	227.350	-45.800	227.350	1.0546	7.9108	1.0408	1.6161	1.3193
30800	30950	227.450	-45.700	227.450	1.0389	7.7928	1.0253	1.5913	1.2990
30900	31051	227.550	-45.600	227.550	1.0234	7.6767	1.0100	1.5669	1.2791
31000	31152	227.650	-45.500	227.650	1.0082 + 1	7.5623 + 0	9.9504 - 3	1.5429 - 2	1.2595 - 2
31100	31253	227.750	-45.400	227.750	9.9321 + 0	7.4497	9.8022	1.5192	1.2402
31200	31354	227.850	-45.300	227.850	9.7843	7.3388	9.6563	1.4960	1.2212
31300	31455	227.950	-45.200	227.950	9.6387	7.2296	9.5127	1.4731	1.2025
31400	31556	228.050	-45.100	228.050	9.4954	7.1221	9.3712	1.4505	1.1841
31500	31657	228.150	-45.000	228.150	9.3542	7.0162	9.2319	1.4283	1.1660
31600	31758	228.250	-44.900	228.250	9.2152	6.9120	9.0947	1.4065	1.1481
31700	31859	228.350	-44.800	228.350	9.0783	6.8093	8.9596	1.3850	1.1306
31800	31960	228.450	-44.700	228.450	8.9435	6.7082	8.8266	1.3638	1.1133
31900	32061	228.550	-44.600	228.550	8.8108	6.6086	8.6956	1.3430	1.0963
32000	32162	228.650	-44.500	228.650	8.6801 + 0	6.5106 + 0	8.5666 - 3	1.3225 - 2	1.0796 - 2
32200	32364	229.210	-43.940	229.210	8.4249	6.3192	8.3147	1.2805	1.0453
32400	32566	229.770	-43.380	229.770	8.1777	6.1338	8.0708	1.2399	1.0122
32600	32768	230.330	-42.820	230.330	7.9384	5.9543	7.8346	1.2007	9.8014 - 3
32800	32970	230.890	-42.260	230.890	7.7067	5.7805	7.6059	1.1628	9.4922
33000	33172	231.450	-41.700	231.450	7.4822	5.6121	7.3844	1.1262	9.1935
33200	33374	232.010	-41.140	232.010	7.2648	5.4491	7.1698	1.0908	8.9048
33400	33576	232.570	-40.580	232.570	7.0542	5.2911	6.9620	1.0567	8.6259
33600	33779	233.130	-40.020	233.130	6.8503	5.1381	6.7607	1.0236	8.3563
33800	33981	233.690	-39.460	233.690	6.6526	4.9899	6.5656	9.9173 - 3	8.0958
34000	34183	234.250	-38.900	234.250	6.4612 + 0	4.8463 + 0	6.3767 - 3	9.6089 - 3	7.8440 - 3
34200	34385	234.810	-38.340	234.810	6.2756	4.7071	6.1936	9.3107	7.6006
34400	34587	235.370	-37.780	235.370	6.0959	4.5723	6.0162	9.0225	7.3653
34600	34789	235.930	-37.220	235.930	5.9217	4.4416	5.8442	8.7438	7.1378
34800	34992	236.490	-36.660	236.490	5.7528	4.3150	5.6776	8.4744	6.9179
35000	35194	237.050	-36.100	237.050	5.5892	4.1922	5.5161	8.2139	6.7052
35200	35396	237.610	-35.540	237.610	5.4306	4.0732	5.3595	7.9620	6.4996
35400	35598	238.170	-34.980	238.170	5.2768	3.9579	5.2078	7.7184	6.3007
35600	35801	238.730	-34.420	238.730	5.1277	3.8461	5.0607	7.4828	6.1084
35800	36003	239.290	-33.860	239.290	4.9832	3.7377	4.9181	7.2549	5.9223
36000	36205	239.850	-33.300	239.850	4.8431 + 0	3.6326 + 0	4.7798 - 3	7.0344 - 3	5.7424 - 3
36200	36407	240.410	-32.740	240.410	4.7072	3.5307	4.6457	6.8211	5.5683
36400	36610	240.970	-32.180	240.970	4.5755	3.4319	4.5157	6.6148	5.3999
36600	36812	241.530	-31.620	241.530	4.4477	3.3361	4.3896	6.4152	5.2369
36800	37014	242.090	-31.060	242.090	4.3238	3.2431	4.2673	6.2220	5.0792
37000	37217	242.650	-30.500	242.650	4.2036	3.1530	4.1486	6.0351	4.9266
37200	37419	243.210	-29.940	243.210	4.0870	3.0655	4.0336	5.8542	4.7790
37400	37621	243.770	-29.380	243.770	3.9739	2.9807	3.9220	5.6792	4.6361
37600	37824	244.330	-28.820	244.330	3.8642	2.8984	3.8137	5.5097	4.4977
37800	38026	244.890	-28.260	244.890	3.7578	2.8186	3.7086	5.3457	4.3638

Table I
Geometric Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
Z (m)	H (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
27000	26886	223.536	-49.614	223.536	1.8799 + 1	1.4100 + 1	1.8553 - 2	2.9298 - 2	2.3917 - 2
27100	26985	223.635	-49.515	223.635	1.8517	1.3888	1.8274	2.8845	2.3547
27200	27084	223.734	-49.416	223.734	1.8238	1.3680	1.8000	2.8399	2.3183
27300	27183	223.833	-49.317	223.833	1.7964	1.3474	1.7729	2.7960	2.2824
27400	27282	223.932	-49.218	223.932	1.7695	1.3272	1.7463	2.7528	2.2472
27500	27382	224.032	-49.118	224.032	1.7429	1.3073	1.7201	2.7103	2.2125
27600	27481	224.131	-49.019	224.131	1.7168	1.2877	1.6943	2.6684	2.1783
27700	27580	224.230	-48.920	224.230	1.6910	1.2684	1.6689	2.6273	2.1447
27800	27679	224.329	-48.821	224.329	1.6657	1.2493	1.6439	2.5867	2.1116
27900	27778	224.428	-48.722	224.428	1.6407	1.2306	1.6193	2.5469	2.0791
28000	27877	224.527	-48.623	224.527	1.6161 + 1	1.2122 + 1	1.5950 - 2	2.5076 - 2	2.0470 - 2
28100	27976	224.626	-48.524	224.626	1.5920	1.1941	1.5711	2.4690	2.0155
28200	28075	224.725	-48.425	224.725	1.5681	1.1762	1.5476	2.4310	1.9845
28300	28175	224.825	-48.325	224.825	1.5447	1.1586	1.5245	2.3936	1.9540
28400	28274	224.924	-48.226	224.924	1.5216	1.1413	1.5017	2.3568	1.9239
28500	28373	225.023	-48.127	225.023	1.4989	1.1242	1.4793	2.3206	1.8943
28600	28472	225.122	-48.028	225.122	1.4765	1.1075	1.4572	2.2849	1.8652
28700	28571	225.221	-47.929	225.221	1.4545	1.0909	1.4354	2.2498	1.8366
28800	28670	225.320	-47.830	225.320	1.4328	1.0747	1.4140	2.2153	1.8084
28900	28769	225.419	-47.731	225.419	1.4114	1.0586	1.3930	2.1813	1.7807
29000	28868	225.518	-47.632	225.518	1.3904 + 1	1.0429 + 1	1.3722 - 2	2.1478 - 2	1.7533 - 2
29100	28967	225.617	-47.533	225.617	1.3697	1.0273	1.3517	2.1149	1.7265
29200	29066	225.716	-47.434	225.716	1.3493	1.0120	1.3316	2.0825	1.7000
29300	29166	225.816	-47.334	225.816	1.3292	9.9700 + 0	1.3118	2.0506	1.6740
29400	29265	225.915	-47.235	225.915	1.3094	9.8217	1.2923	2.0192	1.6484
29500	29364	226.014	-47.136	226.014	1.2899	9.6757	1.2731	1.9883	1.6231
29600	29463	226.113	-47.037	226.113	1.2708	9.5319	1.2542	1.9579	1.5983
29700	29562	226.212	-46.938	226.212	1.2519	9.3903	1.2355	1.9280	1.5739
29800	29661	226.311	-46.839	226.311	1.2333	9.2509	1.2172	1.8986	1.5498
29900	29760	226.410	-46.740	226.410	1.2150	9.1136	1.1991	1.8696	1.5262
30000	29859	226.509	-46.641	226.509	1.1970 + 1	8.9784 + 0	1.1813 - 2	1.8410 - 2	1.5029 - 2
30100	29958	226.608	-46.542	226.608	1.1792	8.8453	1.1638	1.8129	1.4799
30200	30057	226.707	-46.443	226.707	1.1618	8.7142	1.1466	1.7853	1.4574
30300	30156	226.806	-46.344	226.806	1.1445	8.5851	1.1296	1.7581	1.4352
30400	30255	226.905	-46.245	226.905	1.1276	8.4580	1.1129	1.7313	1.4133
30500	30354	227.004	-46.146	227.004	1.1109	8.3329	1.0964	1.7049	1.3918
30600	30453	227.103	-46.047	227.103	1.0945	8.2096	1.0802	1.6790	1.3706
30700	30552	227.202	-45.948	227.202	1.0783	8.0882	1.0642	1.6534	1.3497
30800	30651	227.301	-45.849	227.301	1.0624	7.9687	1.0485	1.6283	1.3292
30900	30751	227.401	-45.749	227.401	1.0467	7.8510	1.0330	1.6035	1.3090
31000	30850	227.500	-45.650	227.500	1.0312 + 1	7.7351 + 0	1.0177 - 2	1.5792 - 2	1.2891 - 2
31100	30949	227.599	-45.551	227.599	1.0160	7.6209	1.0027	1.5552	1.2695
31200	31048	227.698	-45.452	227.698	1.0010	7.5085	9.8796 - 3	1.5316	1.2503
31300	31147	227.797	-45.353	227.797	9.8629 + 0	7.3978	9.7339	1.5083	1.2313
31400	31246	227.896	-45.254	227.896	9.7175	7.2887	9.5905	1.4855	1.2126
31500	31345	227.995	-45.155	227.995	9.5744	7.1814	9.4492	1.4629	1.1942
31600	31444	228.094	-45.056	228.094	9.4334	7.0756	9.3101	1.4408	1.1761
31700	31543	228.193	-44.957	228.193	9.2946	6.9715	9.1730	1.4190	1.1583
31800	31642	228.292	-44.858	228.292	9.1579	6.8690	9.0381	1.3975	1.1408
31900	31741	228.391	-44.759	228.391	9.0232	6.7680	8.9052	1.3763	1.1235
32000	31840	228.490	-44.660	228.490	8.8906 + 0	6.6685 + 0	8.7743 - 3	1.3555 - 2	1.1065 - 2
32200	32038	228.756	-44.394	228.756	8.6314	6.4741	8.5185	1.3145	1.0730
32400	32236	229.310	-43.840	229.310	8.3802	6.2857	8.2706	1.2731	1.0393
32600	32434	229.864	-43.286	229.864	8.1369	6.1032	8.0305	1.2332	1.0067
32800	32632	230.419	-42.731	230.419	7.9013	5.9265	7.7980	1.1946	9.7518 - 3
33000	32830	230.973	-42.177	230.973	7.6730	5.7552	7.5727	1.1573	9.4474
33200	33027	231.527	-41.623	231.527	7.4519	5.5894	7.3545	1.1213	9.1532
33400	33225	232.081	-41.069	232.081	7.2377	5.4287	7.1431	1.0864	8.8688
33600	33423	232.635	-40.515	232.635	7.0301	5.2730	6.9382	1.0528	8.5939
33800	33621	233.189	-39.961	233.189	6.8290	5.1222	6.7397	1.0202	8.3282
34000	33819	233.743	-39.407	233.743	6.6341 + 0	4.9760 + 0	6.5473 - 3	9.8874 - 3	8.0714 - 3
34200	34017	234.298	-38.852	234.298	6.4452	4.8343	6.3609	9.5832	7.8230
34400	34215	234.852	-38.298	234.852	6.2621	4.6970	6.1802	9.2890	7.5829
34600	34413	235.406	-37.744	235.406	6.0847	4.5639	6.0051	9.0045	7.3507
34800	34611	235.959	-37.191	235.959	5.9127	4.4348	5.8353	8.7295	7.1261
35000	34808	236.513	-36.637	236.513	5.7459	4.3098	5.6708	8.4634	6.9089
35200	35006	237.067	-36.083	237.067	5.5842	4.1885	5.5112	8.2061	6.6988
35400	35204	237.621	-35.529	237.621	5.4275	4.0709	5.3565	7.9571	6.4956
35600	35402	238.175	-34.975	238.175	5.2755	3.9569	5.2065	7.7163	6.2990
35800	35599	238.729	-34.421	238.729	5.1281	3.8464	5.0611	7.4833	6.1088
36000	35797	239.282	-33.868	239.282	4.9852 + 0	3.7392 + 0	4.9200 - 3	7.2579 - 3	5.9248 - 3
36200	35995	239.836	-33.314	239.836	4.8466	3.6352	4.7832	7.0398	5.7468
36400	36193	240.390	-32.760	240.390	4.7121	3.5344	4.6505	6.8288	5.5745
36600	36390	240.943	-32.207	240.943	4.5817	3.4365	4.5218	6.6245	5.4078
36800	36588	241.497	-31.653	241.497	4.4552	3.3416	4.3969	6.4268	5.2464
37000	36786	242.050	-31.100	242.050	4.3324	3.2496	4.2758	6.2355	5.0902
37200	36984	242.604	-30.546	242.604	4.2134	3.1603	4.1583	6.0503	4.9390
37400	37181	243.157	-29.993	243.157	4.0978	3.0736	4.0442	5.8710	4.7926
37600	37379	243.711	-29.439	243.711	3.9857	2.9895	3.9336	5.6974	4.6509
37800	37577	244.264	-28.886	244.264	3.8769	2.9079	3.8262	5.5293	4.5137

Table I
Geopotential Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
H (m)	Z (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
38000	38229	245.450	-27.700	245.450	3.6545 + 0	2.7411 + 0	3.6067 - 3	5.1869 - 3	4.2342 - 3
38200	38431	246.010	-27.140	246.010	3.5543	2.6659	3.5078	5.0332	4.1087
38400	38633	246.570	-26.580	246.570	3.4570	2.5930	3.4118	4.8844	3.9872
38600	38836	247.130	-26.020	247.130	3.3626	2.5222	3.3187	4.7402	3.8696
38800	39038	247.690	-25.460	247.690	3.2711	2.4535	3.2283	4.6007	3.7557
39000	39241	248.250	-24.900	248.250	3.1822	2.3868	3.1405	4.4656	3.6454
39200	39443	248.810	-24.340	248.810	3.0959	2.3221	3.0554	4.3347	3.5385
39400	39646	249.370	-23.780	249.370	3.0121	2.2592	2.9727	4.2079	3.4350
39600	39848	249.930	-23.220	249.930	2.9308	2.1982	2.8924	4.0852	3.3348
39800	40051	250.490	-22.660	250.490	2.8518	2.1390	2.8145	3.9662	3.2377
40000	40253	251.050	-22.100	251.050	2.7752 + 0	2.0815 + 0	2.7389 - 3	3.8510 - 3	3.1437 - 3
40200	40456	251.610	-21.540	251.610	2.7007	2.0257	2.6654	3.7394	3.0526
40400	40658	252.170	-20.980	252.170	2.6285	1.9715	2.5941	3.6312	2.9643
40600	40861	252.730	-20.420	252.730	2.5583	1.9188	2.5248	3.5264	2.8787
40800	41064	253.290	-19.860	253.290	2.4901	1.8677	2.4575	3.4249	2.7958
41000	41266	253.850	-19.300	253.850	2.4239	1.8181	2.3922	3.3265	2.7155
41200	41469	254.410	-18.740	254.410	2.3596	1.7698	2.3287	3.2311	2.6376
41400	41671	254.970	-18.180	254.970	2.2971	1.7230	2.2671	3.1387	2.5622
41600	41874	255.530	-17.620	255.530	2.2365	1.6775	2.2072	3.0491	2.4890
41800	42077	256.090	-17.060	256.090	2.1775	1.6333	2.1490	2.9622	2.4181
42000	42279	256.650	-16.500	256.650	2.1202 + 0	1.5903 + 0	2.0925 - 3	2.8780 - 3	2.3494 - 3
42200	42482	257.210	-15.940	257.210	2.0646	1.5486	2.0376	2.7964	2.2828
42400	42685	257.770	-15.380	257.770	2.0105	1.5080	1.9842	2.7172	2.2182
42600	42887	258.330	-14.820	258.330	1.9580	1.4686	1.9324	2.6405	2.1555
42800	43090	258.890	-14.260	258.890	1.9069	1.4303	1.8820	2.5661	2.0948
43000	43293	259.450	-13.700	259.450	1.8573	1.3931	1.8330	2.4939	2.0359
43200	43496	260.010	-13.140	260.010	1.8091	1.3569	1.7854	2.4239	1.9787
43400	43698	260.570	-12.580	260.570	1.7622	1.3218	1.7392	2.3561	1.9233
43600	43901	261.130	-12.020	261.130	1.7167	1.2876	1.6942	2.2902	1.8696
43800	44104	261.690	-11.460	261.690	1.6724	1.2544	1.6505	2.2264	1.8174
44000	44307	262.250	-10.900	262.250	1.6293 + 0	1.2221 + 0	1.6080 - 3	2.1644 - 3	1.7669 - 3
44200	44510	262.810	-10.340	262.810	1.5875	1.1907	1.5667	2.1043	1.7178
44400	44712	263.370	-9.780	263.370	1.5468	1.1602	1.5265	2.0460	1.6702
44600	44915	263.930	-9.220	263.930	1.5072	1.1305	1.4875	1.9894	1.6240
44800	45118	264.490	-8.660	264.490	1.4687	1.1016	1.4495	1.9346	1.5792
45000	45321	265.050	-8.100	265.050	1.4313	1.0735	1.4126	1.8813	1.5357
45200	45524	265.610	-7.540	265.610	1.3949	1.0463	1.3767	1.8296	1.4935
45400	45727	266.170	-6.980	266.170	1.3595	1.0197	1.3417	1.7794	1.4526
45600	45929	266.730	-6.420	266.730	1.3251	9.9394 - 1	1.3078	1.7307	1.4128
45800	46132	267.290	-5.860	267.290	1.2916	9.6883	1.2747	1.6835	1.3743
46000	46335	267.850	-5.300	267.850	1.2591 + 0	9.4440 - 1	1.2426 - 3	1.6376 - 3	1.3368 - 3
46200	46538	268.410	-4.740	268.410	1.2274	9.2064	1.2113	1.5931	1.3005
46400	46741	268.970	-4.180	268.970	1.1966	8.9752	1.1809	1.5498	1.2652
46600	46944	269.530	-3.620	269.530	1.1666	8.7503	1.1513	1.5079	1.2309
46800	47147	270.090	-3.060	270.090	1.1374	8.5315	1.1225	1.4671	1.1976
47000	47350	270.650	-2.500	270.650	1.1090	8.3186	1.0945	1.4275	1.1653
47200	47553	270.650	-2.500	270.650	1.0814	8.1112	1.0672	1.3919	1.1363
47400	47756	270.650	-2.500	270.650	1.0544	7.9090	1.0406	1.3572	1.1080
47600	47959	270.650	-2.500	270.650	1.0281	7.7118	1.0147	1.3234	1.0803
47800	48162	270.650	-2.500	270.650	1.0025	7.5196	9.8942 - 4	1.2904	1.0534
48000	48365	270.650	-2.500	270.650	9.7754 - 1	7.3321 - 1	9.6476 - 4	1.2582 - 3	1.0271 - 3
48200	48568	270.650	-2.500	270.650	9.5317	7.1493	9.4071	1.2269	1.0015
48400	48771	270.650	-2.500	270.650	9.2941	6.9711	9.1725	1.1963	9.7657 - 4
48600	48974	270.650	-2.500	270.650	9.0624	6.7973	8.9439	1.1665	9.5222
48800	49178	270.650	-2.500	270.650	8.8365	6.6279	8.7209	1.1374	9.2848
49000	49381	270.650	-2.500	270.650	8.6162	6.4626	8.5035	1.1090	9.0534
49200	49584	270.650	-2.500	270.650	8.4014	6.3015	8.2915	1.0814	8.8277
49400	49787	270.650	-2.500	270.650	8.1919	6.1444	8.0848	1.0544	8.6076
49600	49990	270.650	-2.500	270.650	7.9877	5.9913	7.8833	1.0281	8.3930
49800	50193	270.650	-2.500	270.650	7.7886	5.8419	7.6867	1.0025	8.1838
50000	50396	270.650	-2.500	270.650	7.5944 - 1	5.6963 - 1	7.4951 - 4	9.7752 - 4	7.9798 - 4
50500	50904	270.650	-2.500	270.650	7.1299	5.3479	7.0367	9.1774	7.4917
51000	51413	270.650	-2.500	270.650	6.6938	5.0208	6.6063	8.6160	7.0335
51500	51921	269.250	-3.900	269.250	6.2834	4.7129	6.2012	8.1298	6.6366
52000	52429	267.850	-5.300	267.850	5.8962	4.4225	5.8191	7.6687	6.2601
52500	52937	266.450	-6.700	266.450	5.5310	4.1485	5.4586	7.2315	5.9032
53000	53446	265.050	-8.100	265.050	5.1866	3.8903	5.1188	6.8171	5.5650
53500	53954	263.650	-9.500	263.650	4.8621	3.6468	4.7985	6.4245	5.2445
54000	54463	262.250	-10.900	262.250	4.5563	3.4175	4.4967	6.0525	4.9408
54500	54971	260.850	-12.300	260.850	4.2682	3.2014	4.2124	5.7003	4.6533
55000	55480	259.450	-13.700	259.450	3.9969 - 1	2.9979 - 1	3.9447 - 4	5.3668 - 4	4.3811 - 4
55500	55989	258.050	-15.100	258.050	3.7416	2.8064	3.6927	5.0512	4.1235
56000	56498	256.650	-16.500	256.650	3.5013	2.6262	3.4555	4.7526	3.8797
56500	57007	255.250	-17.900	255.250	3.2753	2.4566	3.2324	4.4702	3.6491
57000	57516	253.850	-19.300	253.850	3.0627	2.2972	3.0226	4.2031	3.4311
57500	58025	252.450	-20.700	252.450	2.8628	2.1473	2.8254	3.9506	3.2250
58000	58534	251.050	-22.100	251.050	2.6750	2.0064	2.6401	3.7121	3.0303
58500	59043	249.650	-23.500	249.650	2.4986	1.8741	2.4659	3.4867	2.8463
59000	59553	248.250	-24.900	248.250	2.3329	1.7498	2.3024	3.2738	2.6725
59500	60062	246.850	-26.300	246.850	2.1774	1.6331	2.1489	3.0729	2.5085

Table I
Geometric Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
Z (m)	H (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
38000	37774	244.818	-28.332	244.818	3.7713 + 0	2.8287 + 0	3.7220 - 3	5.3666 - 3	4.3809 - 3
38200	37972	245.371	-27.779	245.371	3.6689	2.7519	3.6209	5.2090	4.2522
38400	38169	245.924	-27.226	245.924	3.5694	2.6773	3.5227	5.0564	4.1277
38600	38367	246.478	-26.672	246.478	3.4729	2.6049	3.4275	4.9086	4.0070
38800	38565	247.031	-26.119	247.031	3.3792	2.5346	3.3350	4.7654	3.8901
39000	38762	247.584	-25.566	247.584	3.2882	2.4663	3.2452	4.6268	3.7769
39200	38960	248.137	-25.013	248.137	3.1998	2.4001	3.1580	4.4924	3.6673
39400	39157	248.690	-24.460	248.690	3.1141	2.3357	3.0734	4.3623	3.5611
39600	39355	249.243	-23.907	249.243	3.0308	2.2733	2.9912	4.2362	3.4581
39800	39552	249.797	-23.353	249.797	2.9499	2.2126	2.9114	4.1141	3.3584
40000	39750	250.350	-22.800	250.350	2.8714 + 0	2.1537 + 0	2.8338 - 3	3.9957 - 3	3.2618 - 3
40200	39947	250.903	-22.247	250.903	2.7951	2.0965	2.7586	3.8810	3.1681
40400	40145	251.456	-21.694	251.456	2.7210	2.0409	2.6855	3.7698	3.0774
40600	40342	252.008	-21.142	252.008	2.6491	1.9870	2.6144	3.6621	2.9894
40800	40540	252.561	-20.589	252.561	2.5792	1.9345	2.5455	3.5576	2.9042
41000	40737	253.114	-20.036	253.114	2.5113	1.8836	2.4784	3.4564	2.8216
41200	40935	253.667	-19.483	253.667	2.4453	1.8341	2.4133	3.3583	2.7415
41400	41132	254.220	-18.930	254.220	2.3812	1.7861	2.3501	3.2632	2.6638
41600	41330	254.773	-18.377	254.773	2.3189	1.7393	2.2886	3.1709	2.5885
41800	41527	255.325	-17.825	255.325	2.2584	1.6939	2.2289	3.0815	2.5155
42000	41724	255.878	-17.272	255.878	2.1996 + 0	1.6498 + 0	2.1709 - 3	2.9948 - 3	2.4447 - 3
42200	41922	256.431	-16.719	256.431	2.1425	1.6070	2.1145	2.9107	2.3761
42400	42119	256.983	-16.167	256.983	2.0869	1.5653	2.0596	2.8291	2.3095
42600	42316	257.536	-15.614	257.536	2.0329	1.5248	2.0064	2.7500	2.2449
42800	42514	258.088	-15.062	258.088	1.9805	1.4855	1.9546	2.6733	2.1823
43000	42711	258.641	-14.509	258.641	1.9295	1.4472	1.9042	2.5989	2.1216
43200	42908	259.193	-13.957	259.193	1.8799	1.4100	1.8553	2.5267	2.0626
43400	43106	259.746	-13.404	259.746	1.8317	1.3739	1.8077	2.4567	2.0055
43600	43303	260.298	-12.852	260.298	1.7848	1.3387	1.7615	2.3887	1.9500
43800	43500	260.851	-12.299	260.851	1.7392	1.3045	1.7165	2.3228	1.8962
44000	43698	261.403	-11.747	261.403	1.6949 + 0	1.2713 + 0	1.6728 - 3	2.2589 - 3	1.8440 - 3
44200	43895	261.955	-11.195	261.955	1.6518	1.2390	1.6302	2.1968	1.7933
44400	44092	262.508	-10.642	262.508	1.6099	1.2075	1.5889	2.1366	1.7441
44600	44289	263.060	-10.090	263.060	1.5692	1.1770	1.5486	2.0781	1.6964
44800	44486	263.612	-9.538	263.612	1.5295	1.1472	1.5095	2.0214	1.6501
45000	44684	264.164	-8.986	264.164	1.4910	1.1183	1.4715	1.9663	1.6051
45200	44881	264.716	-8.434	264.716	1.4535	1.0902	1.4345	1.9128	1.5615
45400	45078	265.268	-7.882	265.268	1.4170	1.0628	1.3984	1.8609	1.5191
45600	45275	265.821	-7.329	265.821	1.3815	1.0362	1.3634	1.8106	1.4780
45800	45472	266.373	-6.777	266.373	1.3470	1.0103	1.3293	1.7616	1.4381
46000	45669	266.925	-6.225	266.925	1.3134 + 0	9.8513 - 1	1.2962 - 3	1.7142 - 3	1.3993 - 3
46200	45867	267.477	-5.673	267.477	1.2807	9.6061	1.2639	1.6680	1.3617
46400	46064	268.028	-5.122	268.028	1.2489	9.3675	1.2325	1.6233	1.3251
46600	46261	268.580	-4.570	268.580	1.2179	9.1354	1.2020	1.5798	1.2896
46800	46458	269.132	-4.018	269.132	1.1878	8.9094	1.1722	1.5375	1.2551
47000	46655	269.684	-3.466	269.684	1.1585	8.6895	1.1433	1.4965	1.2217
47200	46852	270.236	-2.914	270.236	1.1299	8.4755	1.1152	1.4567	1.1891
47400	47049	270.650	-2.500	270.650	1.1022	8.2671	1.0877	1.4187	1.1581
47600	47246	270.650	-2.500	270.650	1.0751	8.0641	1.0610	1.3839	1.1297
47800	47443	270.650	-2.500	270.650	1.0487	7.8660	1.0350	1.3499	1.1019
48000	47640	270.650	-2.500	270.650	1.0229 + 0	7.6728 - 1	1.0095 - 3	1.3167 - 3	1.0749 - 3
48200	47837	270.650	-2.500	270.650	9.9783 - 1	7.4843	9.8478 - 4	1.2844	1.0485
48400	48034	270.650	-2.500	270.650	9.7332	7.3005	9.6059	1.2528	1.0227
48600	48231	270.650	-2.500	270.650	9.4942	7.1212	9.3700	1.2221	9.9760 - 4
48800	48428	270.650	-2.500	270.650	9.2610	6.9463	9.1399	1.1920	9.7310
49000	48625	270.650	-2.500	270.650	9.0336	6.7758	8.9155	1.1628	9.4920
49200	48822	270.650	-2.500	270.650	8.8118	6.6094	8.6966	1.1342	9.2590
49400	49019	270.650	-2.500	270.650	8.5955	6.4471	8.4831	1.1064	9.0317
49600	49216	270.650	-2.500	270.650	8.3845	6.2889	8.2748	1.0792	8.8099
49800	49413	270.650	-2.500	270.650	8.1786	6.1345	8.0717	1.0527	8.5937
50000	49610	270.650	-2.500	270.650	7.9779 - 1	5.9839 - 1	7.8735 - 4	1.0269 - 3	8.3827 - 4
50500	50102	270.650	-2.500	270.650	7.4973	5.6234	7.3993	9.6503 - 4	7.8778
51000	50594	270.650	-2.500	270.650	7.0458	5.2847	6.9536	9.0690	7.4033
51500	51086	270.409	-2.741	270.409	6.6214	4.9665	6.5349	8.5305	6.9637
52000	51578	269.031	-4.119	269.031	6.2214	4.6664	6.1401	8.0562	6.5765
52500	52070	267.654	-5.496	267.654	5.8438	4.3832	5.7674	7.6061	6.2091
53000	52562	266.277	-6.873	266.277	5.4873	4.1158	5.4156	7.1791	5.8605
53500	53053	264.900	-8.250	264.900	5.1510	3.8636	5.0836	6.7741	5.5299
54000	53545	263.524	-9.626	263.524	4.8337	3.6256	4.7705	6.3901	5.2164
54500	54037	262.147	-11.003	262.147	4.5345	3.4012	4.4752	6.0260	4.9192
55000	54528	260.771	-12.379	260.771	4.2525 - 1	3.1896 - 1	4.1969 - 4	5.6810 - 4	4.6376 - 4
55500	55020	259.395	-13.755	259.395	3.9866	2.9902	3.9345	5.3541	4.3707
56000	55511	258.019	-15.131	258.019	3.7362	2.8024	3.6873	5.0445	4.1180
56500	56002	256.644	-16.506	256.644	3.5003	2.6254	3.4545	4.7513	3.8786
57000	56493	255.268	-17.882	255.268	3.2782	2.4588	3.2353	4.4738	3.6521
57500	56985	253.893	-19.257	253.893	3.0691	2.3020	3.0289	4.2112	3.4377
58000	57476	252.518	-20.632	252.518	2.8723	2.1544	2.8348	3.9627	3.2348
58500	57967	251.144	-22.006	251.144	2.6872	2.0156	2.6521	3.7276	3.0430
59000	58457	249.769	-23.381	249.769	2.5132	1.8850	2.4803	3.5054	2.8615
59500	58948	248.395	-24.755	248.395	2.3496	1.7623	2.3189	3.2953	2.6900

Table I
Geopotential Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
H (m)	Z (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
60000	60572	245.450	-27.700	245.450	2.0314 - 1	1.5236 - 1	2.0048 - 4	2.8832 - 4	2.3536 - 4
60500	61081	244.050	-29.100	244.050	1.8944	1.4209	1.8697	2.7043	2.2076
61000	61591	242.650	-30.500	242.650	1.7660	1.3246	1.7429	2.5355	2.0698
61500	62101	241.250	-31.900	241.250	1.6456	1.2343	1.6241	2.3764	1.9399
62000	62611	239.850	-33.300	239.850	1.5328	1.1497	1.5128	2.2264	1.8175
62500	63121	238.450	-34.700	238.450	1.4271	1.0704	1.4085	2.0851	1.7021
63000	63631	237.050	-36.100	237.050	1.3282	9.9627 - 2	1.3108	1.9520	1.5935
63500	64141	235.650	-37.500	235.650	1.2356	9.2681	1.2194	1.8267	1.4912
64000	64651	234.250	-38.900	234.250	1.1489	8.6181	1.1339	1.7087	1.3949
64500	65161	232.850	-40.300	232.850	1.0679	8.0103	1.0539	1.5978	1.3043
65000	65672	231.450	-41.700	231.450	9.9220 - 2	7.4421 - 2	9.7922 - 5	1.4934 - 4	1.2191 - 4
65500	66182	230.050	-43.100	230.050	9.2140	6.9111	9.0935	1.3953	1.1390
66000	66692	228.650	-44.500	228.650	8.5527	6.4150	8.4408	1.3031	1.0637
66500	67203	227.250	-45.900	227.250	7.9352	5.9519	7.8314	1.2165	9.9302 - 5
67000	67714	225.850	-47.300	225.850	7.3589	5.5196	7.2627	1.1351	9.2661
67500	68224	224.450	-48.700	224.450	6.8212	5.1163	6.7320	1.0587	8.6427
68000	68735	223.050	-50.100	223.050	6.3199	4.7403	6.2372	9.8707 - 5	8.0577
68500	69246	221.650	-51.500	221.650	5.8525	4.3897	5.7760	9.1985	7.5090
69000	69757	220.250	-52.900	220.250	5.4171	4.0632	5.3463	8.5683	6.9945
69500	70268	218.850	-54.300	218.850	5.0116	3.7590	4.9461	7.9776	6.5124
70000	70779	217.450	-55.700	217.450	4.6342 - 2	3.4759 - 2	4.5736 - 5	7.4243 - 5	6.0606 - 5
70500	71291	216.050	-57.100	216.050	4.2830	3.2125	4.2270	6.9061	5.6376
71000	71802	214.650	-58.500	214.650	3.9564	2.9675	3.9046	6.4211	5.2417
71500	72313	213.650	-59.500	213.650	3.6530	2.7400	3.6053	5.9566	4.8625
72000	72825	212.650	-60.500	212.650	3.3717	2.5290	3.3276	5.5237	4.5091
72500	73336	211.650	-61.500	211.650	3.1109	2.3333	3.0702	5.1205	4.1800
73000	73848	210.650	-62.500	210.650	2.8691	2.1520	2.8316	4.7449	3.8734
73500	74360	209.650	-63.500	209.650	2.6451	1.9840	2.6105	4.3954	3.5881
74000	74872	208.650	-64.500	208.650	2.4377	1.8284	2.4058	4.0701	3.3225
74500	75384	207.650	-65.500	207.650	2.2456	1.6843	2.2162	3.7675	3.0755
75000	75896	206.650	-66.500	206.650	2.0679 - 2	1.5510 - 2	2.0408 - 5	3.4861 - 5	2.8458 - 5
75500	76408	205.650	-67.500	205.650	1.9034	1.4277	1.8785	3.2245	2.6322
76000	76920	204.650	-68.500	204.650	1.7514	1.3136	1.7284	2.9813	2.4337
76500	77432	203.650	-69.500	203.650	1.6108	1.2082	1.5897	2.7555	2.2494
77000	77944	202.650	-70.500	202.650	1.4809	1.1107	1.4615	2.5458	2.0782
77500	78457	201.650	-71.500	201.650	1.3609	1.0207	1.3431	2.3511	1.9193
78000	78969	200.650	-72.500	200.650	1.2501	9.3766 - 3	1.2337	2.1705	1.7718
78500	79482	199.650	-73.500	199.650	1.1478	8.6096	1.1328	2.0029	1.6350
79000	79994	198.650	-74.500	198.650	1.0535	7.9019	1.0397	1.8475	1.5082
79500	80507	197.650	-75.500	197.650	9.6649 - 3	7.2492	9.5385 - 6	1.7035	1.3906
80000	81020	196.650	-76.500	196.650	8.8627 - 3	6.6476 - 3	8.7468 - 6	1.5701 - 5	1.2817 - 5
80500	81533	195.650	-77.500	195.650	8.1236	6.0932	8.0173	1.4465	1.1808
81000	82046	194.650	-78.500	194.650	7.4427	5.5825	7.3454	1.3320	1.0874
81500	82559	193.650	-79.500	193.650	6.8159	5.1123	6.7268	1.2262	1.0009
82000	83072	192.650	-80.500	192.650	6.2390	4.6796	6.1574	1.1282	9.2098 - 6
82500	83585	191.650	-81.500	191.650	5.7083	4.2816	5.6336	1.0376	8.4704
83000	84098	190.650	-82.500	190.650	5.2203	3.9155	5.1520	9.5390 - 6	7.7869
83500	84611	189.650	-83.500	189.650	4.7718	3.5791	4.7094	8.7654	7.1554
84000	85125	188.650	-84.500	188.650	4.3598	3.2701	4.3027	8.0510	6.5722
84500	85638	187.650	-85.500	187.650	3.9814	2.9863	3.9293	7.3914	6.0338

Table I
Geometric Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
Z (m)	H (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
60000	59439	247.021	-26.129	247.021	2.1958 - 1	1.6470 - 1	2.1671 - 4	3.0968 - 4	2.5280 - 4
60500	59930	245.647	-27.503	245.647	2.0514	1.5386	2.0245	2.9093	2.3749
61000	60420	244.274	-28.876	244.274	1.9157	1.4369	1.8907	2.7321	2.2303
61500	60911	242.900	-30.250	242.900	1.7883	1.3414	1.7650	2.5649	2.0938
62000	61401	241.527	-31.623	241.527	1.6688	1.2517	1.6470	2.4071	1.9650
62500	61891	240.154	-32.996	240.154	1.5567	1.1676	1.5363	2.2582	1.8434
63000	62382	238.781	-34.369	238.781	1.4515	1.0887	1.4325	2.1178	1.7288
63500	62872	237.409	-35.741	237.409	1.3529	1.0148	1.3352	1.9853	1.6207
64000	63362	236.036	-37.114	236.036	1.2605	9.4551 - 2	1.2441	1.8605	1.5188
64500	63852	234.664	-38.486	234.664	1.1740	8.8059	1.1586	1.7429	1.4228
65000	64342	233.292	-39.858	233.292	1.0929 - 1	8.1979 - 2	1.0786 - 4	1.6321 - 4	1.3323 - 4
65500	64832	231.921	-41.229	231.921	1.0170	7.6288	1.0037	1.5278	1.2472
66000	65322	230.549	-42.601	230.549	9.4609 - 2	7.0962	9.3372 - 5	1.4296	1.1670
66500	65811	229.178	-43.972	229.178	8.7967	6.5981	8.6817	1.3372	1.0916
67000	66301	227.807	-45.343	227.807	8.1757	6.1323	8.0688	1.2503	1.0206
67500	66791	226.436	-46.714	226.436	7.5953	5.6969	7.4959	1.1685	9.5390 - 5
68000	67280	225.065	-48.085	225.065	7.0529	5.2901	6.9607	1.0917	8.9118
68500	67770	223.695	-49.455	223.695	6.5465	4.9102	6.4609	1.0195	8.3225
69000	68259	222.325	-50.825	222.325	6.0736	4.5556	5.9942	9.5171 - 5	7.7690
69500	68748	220.955	-52.195	220.955	5.6324	4.2247	5.5588	8.8804	7.2493
70000	69238	219.585	-53.565	219.585	5.2209 - 2	3.9160 - 2	5.1526 - 5	8.2829 - 5	6.7616 - 5
70500	69727	218.215	-54.935	218.215	4.8372	3.6282	4.7739	7.7223	6.3039
71000	70216	216.846	-56.304	216.846	4.4795	3.3599	4.4210	7.1966	5.8747
71500	70705	215.477	-57.673	215.477	4.1464	3.1100	4.0922	6.7037	5.4724
72000	71194	214.263	-58.887	214.263	3.8362	2.8774	3.7861	6.2374	5.0917
72500	71682	213.285	-59.865	213.285	3.5479	2.6612	3.5015	5.7951	4.7307
73000	72171	212.308	-60.842	212.308	3.2802	2.4603	3.2373	5.3824	4.3938
73500	72660	211.330	-61.820	211.330	3.0316	2.2739	2.9919	4.9975	4.0796
74000	73148	210.353	-62.797	210.353	2.8008	2.1008	2.7642	4.6386	3.7866
74500	73637	209.376	-63.774	209.376	2.5867	1.9402	2.5529	4.3040	3.5134
75000	74125	208.399	-64.751	208.399	2.3881 - 2	1.7912 - 2	2.3569 - 5	3.9921 - 5	3.2589 - 5
75500	74614	207.423	-65.727	207.423	2.2040	1.6531	2.1751	3.7016	3.0218
76000	75102	206.446	-66.704	206.446	2.0333	1.5251	2.0067	3.4311	2.8009
76500	75590	205.469	-67.681	205.469	1.8751	1.4064	1.8506	3.1792	2.5953
77000	76078	204.493	-68.657	204.493	1.7286	1.2965	1.7060	2.9448	2.4039
77500	76566	203.517	-69.633	203.517	1.5929	1.1948	1.5721	2.7267	2.2259
78000	77054	202.541	-70.609	202.541	1.4673	1.1006	1.4481	2.5239	2.0603
78500	77542	201.565	-71.585	201.565	1.3511	1.0134	1.3335	2.3353	1.9063
79000	78030	200.590	-72.560	200.590	1.2437	9.3285 - 3	1.2274	2.1600	1.7632
79500	78518	199.614	-73.536	199.614	1.1443	8.5832	1.1293	1.9971	1.6303
80000	79006	198.639	-74.511	198.639	1.0524 - 2	7.8942 - 3	1.0387 - 5	1.8458 - 5	1.5068 - 5
80500	79493	197.663	-75.487	197.663	9.6761 - 3	7.2577	9.5496 - 6	1.7054	1.3921
81000	79981	196.688	-76.462	196.688	8.8923	6.6698	8.7761	1.5750	1.2857
81500	80468	195.713	-77.437	195.713	8.1687	6.1270	8.0619	1.4540	1.1870
82000	80956	194.739	-78.411	194.739	7.5009	5.6261	7.4028	1.3418	1.0954
82500	81443	193.764	-79.386	193.764	6.8848	5.1640	6.7948	1.2378	1.0105
83000	81930	192.790	-80.360	192.790	6.3167	4.7379	6.2341	1.1414	9.3178 - 6
83500	82417	191.815	-81.335	191.815	5.7930	4.3451	5.7172	1.0521	8.5887
84000	82904	190.841	-82.309	190.841	5.3105	3.9832	5.2410	9.6940 - 6	7.9134
84500	83391	189.867	-83.283	189.867	4.8660	3.6498	4.8024	8.9282	7.2883
85000	83878	188.893	-84.257	188.893	4.4568 - 3	3.3429 - 3	4.3985 - 6	8.2196 - 6	6.7099 - 6
85500	84365	187.920	-85.230	187.920	4.0802	3.0604	4.0269	7.5641	6.1747

Table I
Geometric Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
Z (m)	H (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
86000	84852	186.87	-86.28	186.95	3.7338- 3	2.8006- 3	3.6850- 6	6.958- 6	5.680- 6
86500	85339	186.87	-86.28	186.96	3.4163	2.5624	3.3716	6.366	5.196
87000	85825	186.87	-86.28	186.98	3.1259	2.3446	3.0850	5.824	4.754
87500	86312	186.87	-86.28	187.00	2.8602	2.1454	2.8228	5.328	4.350
88000	86798	186.87	-86.28	187.03	2.6173	1.9631	2.5831	4.875	3.980
88500	87285	186.87	-86.28	187.06	2.3951	1.7965	2.3638	4.460	3.641
89000	87771	186.87	-86.28	187.11	2.1919	1.6440	2.1632	4.081	3.331
89500	88257	186.87	-86.28	187.16	2.0060	1.5046	1.9797	3.734	3.048
90000	88744	186.87	-86.28	187.21	1.8359- 3	1.3771- 3	1.8119- 6	3.416- 6	2.789- 6
90500	89230	186.87	-86.28	187.28	1.6804	1.2604	1.6584	3.126	2.552
91000	89716	186.87	-86.28	187.36	1.5381	1.1536	1.5179	2.860	2.335
91500	90202	186.89	-86.26	187.47	1.4078	1.0560	1.3894	2.616	2.136
92000	90688	186.96	-86.19	187.64	1.2887	9.6662- 4	1.2719	2.393	1.953
92500	91173	187.08	-86.07	187.87	1.1798	8.8490	1.1643	2.188	1.786
93000	91659	187.25	-85.90	188.16	1.0801	8.1014	1.0660	2.000	1.632
93500	92145	187.47	-85.68	188.51	9.8896- 4	7.4178	9.7602- 7	1.828	1.492
94000	92630	187.74	-85.41	188.92	9.0560	6.7925	8.9375	1.670	1.363
94500	93116	188.05	-85.10	189.39	8.2937	6.2208	8.1852	1.526	1.245
95000	93601	188.42	-84.73	189.92	7.5966- 4	5.6979- 4	7.4973- 7	1.393- 6	1.137- 6
95500	94087	188.84	-84.31	190.52	6.9592	5.2199	6.8682	1.273	1.039
96000	94572	189.31	-83.84	191.17	6.3765	4.7828	6.2932	1.162	9.486- 7
96500	95057	189.83	-83.32	191.90	5.8439	4.3833	5.7675	1.061	8.660
97000	95542	190.40	-82.75	192.69	5.3571	4.0181	5.2870	9.685- 7	7.906
97500	96027	191.04	-82.11	193.55	4.9122	3.6844	4.8480	8.842	7.218
98000	96512	191.72	-81.43	194.48	4.5057	3.3795	4.4468	8.071	6.588
98500	96997	192.47	-80.68	195.49	4.1342	3.1009	4.0802	7.367	6.014
99000	97482	193.28	-79.87	196.58	3.7948	2.8463	3.7452	6.725	5.490
99500	97967	194.15	-79.00	197.74	3.4846	2.6137	3.4390	6.139	5.011
100000	98451	195.08	-78.07	198.99	3.2011- 4	2.4010- 4	3.1593- 7	5.604- 7	4.575- 7
101000	99420	197.16	-75.99	201.75	2.7192	2.0396	2.6837	4.695	3.833
102000	100389	199.53	-73.62	204.88	2.3144	1.7359	2.2841	3.935	3.212
103000	101358	202.23	-70.92	208.42	1.9742	1.4808	1.9484	3.300	2.694
104000	102326	205.31	-67.84	212.41	1.6882	1.2663	1.6661	2.769	2.260
105000	103294	208.84	-64.31	216.93	1.4477	1.0859	1.4288	2.325	1.898
106000	104261	212.89	-60.26	222.09	1.2454	9.3411- 5	1.2291	1.954	1.595
107000	105229	217.63	-55.52	228.02	1.0751	8.0642	1.0611	1.643	1.341
108000	106196	223.29	-49.86	235.00	9.3188- 5	6.9897	9.1970- 8	1.381	1.128
109000	107162	230.33	-42.82	243.53	8.1142	6.0862	8.0081	1.161	9.475- 8
110000	108129	240.00	-33.15	254.93	7.1042- 5	5.3286- 5	7.0113- 8	9.708- 8	7.925- 8
111000	109095	252.00	-21.15	268.91	6.2614	4.6965	6.1796	8.111	6.622
112000	110061	264.00	-9.15	283.00	5.5547	4.1664	5.4821	6.838	5.582
113000	111026	276.00	2.85	297.17	4.9570	3.7180	4.8922	5.811	4.744
114000	111992	288.00	14.85	311.40	4.4473	3.3358	4.3892	4.975	4.061
115000	112957	300.00	26.85	325.69	4.0096	3.0075	3.9572	4.289	3.501
116000	113921	312.00	38.85	340.04	3.6312	2.7236	3.5837	3.720	3.037
117000	114885	324.00	50.85	354.43	3.3022	2.4768	3.2590	3.246	2.650
118000	115849	336.00	62.85	368.88	3.0144	2.2610	2.9750	2.847	2.324
119000	116813	348.00	74.85	383.37	2.7615	2.0713	2.7254	2.509	2.048
120000	117777	360.00	86.85	397.91	2.5382- 5	1.9038- 5	2.5050- 8	2.222- 8	1.814- 8
121000	118740	371.89	98.74	412.38	2.3401	1.7552	2.3095	1.977	1.614
122000	119703	383.55	110.40	426.66	2.1635	1.6228	2.1352	1.767	1.442
123000	120665	394.99	121.84	440.74	2.0055	1.5043	1.9793	1.585	1.294
124000	121627	406.22	133.07	454.64	1.8635	1.3977	1.8391	1.428	1.166
125000	122589	417.23	144.08	468.35	1.7354	1.3016	1.7127	1.291	1.054
126000	123551	428.04	154.89	481.89	1.6194	1.2147	1.5983	1.171	9.557- 9
127000	124512	438.64	165.49	495.26	1.5141	1.1357	1.4943	1.065	8.694
128000	125473	449.04	175.89	508.46	1.4183	1.0638	1.3997	9.717- 9	7.932
129000	126434	459.25	186.10	521.49	1.3307	9.9810- 6	1.3133	8.889	7.257
130000	127395	469.27	196.12	534.36	1.2505- 5	9.3795- 6	1.2341- 8	8.152- 9	6.655- 9
131000	128355	479.09	205.94	547.08	1.1769	8.8275	1.1615	7.494	6.118
132000	129315	488.74	215.59	559.64	1.1092	8.3196	1.0947	6.904	5.636
133000	130274	498.20	225.05	572.06	1.0468	7.8513	1.0331	6.374	5.204
134000	131234	507.48	234.33	584.32	9.8907- 6	7.4187	9.7614- 9	5.897	4.814
135000	132193	516.59	243.44	596.44	9.3568	7.0182	9.2345	5.465	4.461
136000	133151	525.53	252.38	608.42	8.8617	6.6468	8.7459	5.074	4.142
137000	134110	534.29	261.14	620.25	8.4018	6.3019	8.2919	4.719	3.852
138000	135068	542.90	269.75	631.95	7.9739	5.9809	7.8696	4.396	3.588
139000	136026	551.34	278.19	643.51	7.5751	5.6818	7.4760	4.101	3.348
140000	136983	559.63	286.48	654.94	7.2028- 6	5.4026- 6	7.1087- 9	3.831- 9	3.128- 9
141000	137940	567.76	294.61	666.23	6.8550	5.1416	6.7653	3.584	2.926
142000	138897	575.73	302.58	677.40	6.5294	4.8974	6.4440	3.358	2.741
143000	139854	583.56	310.41	688.44	6.2243	4.6686	6.1429	3.150	2.571
144000	140810	591.24	318.09	699.36	5.9380	4.4539	5.8604	2.958	2.415
145000	141766	598.78	325.63	710.15	5.6691	4.2522	5.5950	2.781	2.270
146000	142722	606.17	333.02	720.82	5.4162	4.0625	5.3454	2.618	2.137
147000	143677	613.43	340.28	731.38	5.1781	3.8839	5.1104	2.466	2.013
148000	144633	620.55	347.40	741.81	4.9538	3.7156	4.8890	2.326	1.899
149000	145587	627.54	354.39	752.14	4.7421	3.5569	4.6801	2.196	1.793

Table I
Geometric Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
Z (m)	H (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
150000	146542	634.39	361.24	762.35	4.5422- 6	3.4070- 6	4.4828- 9	2.076- 9	1.694- 9
151000	147496	641.12	367.97	772.45	4.3533	3.2653	4.2964	1.963	1.603
152000	148450	647.72	374.57	782.44	4.1746	3.1312	4.1200	1.859	1.517
153000	149404	654.20	381.05	792.32	4.0054	3.0043	3.9530	1.761	1.438
154000	150357	660.56	387.41	802.10	3.8451	2.8840	3.7948	1.670	1.363
155000	151311	666.80	393.65	811.77	3.6930	2.7700	3.6447	1.585	1.294
156000	152263	672.92	399.77	821.34	3.5487	2.6617	3.5023	1.505	1.229
157000	153216	678.93	405.78	830.81	3.4116	2.5589	3.3670	1.431	1.168
158000	154168	684.83	411.68	840.18	3.2813	2.4612	3.2384	1.361	1.111
159000	155120	690.61	417.46	849.45	3.1574	2.3683	3.1161	1.295	1.057
160000	156072	696.29	423.14	858.63	3.0395- 6	2.2798- 6	2.9997- 9	1.233- 9	1.007- 9
161000	157023	701.86	428.71	867.71	2.9272	2.1956	2.8889	1.175	9.593- 10
162000	157974	707.33	434.18	876.70	2.8201	2.1153	2.7833	1.121	9.148
163000	158925	712.70	439.55	885.60	2.7181	2.0387	2.6825	1.069	8.728
164000	159875	717.96	444.81	894.41	2.6207	1.9657	2.5864	1.021	8.333
165000	160826	723.13	449.98	903.13	2.5278	1.8960	2.4947	9.750- 10	7.959
166000	161775	728.20	455.05	911.77	2.4390	1.8294	2.4071	9.319	7.607
167000	162725	733.18	460.03	920.32	2.3541	1.7657	2.3233	8.911	7.274
168000	163674	738.07	464.92	928.78	2.2730	1.7049	2.2432	8.525	6.960
169000	164623	742.86	469.71	937.16	2.1953	1.6466	2.1666	8.161	6.662
170000	165572	747.57	474.42	945.46	2.1210- 6	1.5909- 6	2.0933- 9	7.815- 10	6.380- 10
171000	166521	752.18	479.03	953.68	2.0499	1.5375	2.0231	7.488	6.113
172000	167469	756.71	483.56	961.82	1.9817	1.4864	1.9558	7.178	5.859
173000	168417	761.16	488.01	969.89	1.9164	1.4374	1.8913	6.883	5.619
174000	169364	765.53	492.38	977.87	1.8537	1.3904	1.8295	6.604	5.391
175000	170311	769.81	496.66	985.78	1.7936	1.3453	1.7702	6.339	5.174
176000	171258	774.01	500.86	993.62	1.7360	1.3021	1.7132	6.086	4.968
177000	172205	778.14	504.99	1001.38	1.6806	1.2605	1.6586	5.846	4.773
178000	173151	782.19	509.04	1009.07	1.6274	1.2206	1.6061	5.618	4.586
179000	174098	786.17	513.02	1016.69	1.5763	1.1823	1.5557	5.401	4.409
180000	175043	790.07	516.92	1024.24	1.5271- 6	1.1455- 6	1.5072- 9	5.194- 10	4.240- 10
181000	175989	793.89	520.74	1031.72	1.4799	1.1100	1.4606	4.997	4.079
182000	176934	797.65	524.50	1039.13	1.4345	1.0759	1.4157	4.809	3.926
183000	177879	801.34	528.19	1046.47	1.3907	1.0431	1.3726	4.630	3.779
184000	178824	804.96	531.81	1053.75	1.3487	1.0116	1.3310	4.459	3.640
185000	179768	808.51	535.36	1060.96	1.3081	9.8117- 7	1.2910	4.295	3.506
186000	180712	812.00	538.85	1068.11	1.2691	9.5189	1.2525	4.139	3.379
187000	181656	815.42	542.27	1075.19	1.2315	9.2368	1.2154	3.990	3.257
188000	182600	818.78	545.63	1082.21	1.1952	8.9649	1.1796	3.847	3.141
189000	183543	822.08	548.93	1089.17	1.1603	8.7028	1.1451	3.711	3.029
190000	184486	825.31	552.16	1096.07	1.1266- 6	8.4499- 7	1.1118- 9	3.581- 10	2.923- 10
191000	185428	828.49	555.34	1102.90	1.0940	8.2060	1.0797	3.456	2.821
192000	186371	831.61	558.46	1109.68	1.0627	7.9707	1.0488	3.336	2.723
193000	187313	834.67	561.52	1116.40	1.0324	7.7435	1.0189	3.222	2.630
194000	188255	837.67	564.52	1123.06	1.0031	7.5242	9.9003- 10	3.112	2.540
195000	189196	840.62	567.47	1129.67	9.7491- 7	7.3124	9.6216	3.006	2.454
196000	190137	843.51	570.36	1136.21	9.4763	7.1078	9.3524	2.905	2.372
197000	191078	846.35	573.20	1142.71	9.2127	6.9101	9.0922	2.809	2.293
198000	192019	849.14	575.99	1149.14	8.9580	6.7190	8.8408	2.716	2.217
199000	192959	851.87	578.72	1155.52	8.7117	6.5343	8.5978	2.626	2.144
200000	193899	854.56	581.41	1161.85	8.4736- 7	6.3557- 7	8.3628- 10	2.541- 10	2.074- 10
201000	194839	857.20	584.05	1168.13	8.2432	6.1829	8.1355	2.458	2.007
202000	195779	859.78	586.63	1174.35	8.0204	6.0158	7.9156	2.379	1.942
203000	196718	862.32	589.17	1180.52	7.8048	5.8541	7.7028	2.303	1.880
204000	197657	864.82	591.67	1186.64	7.5962	5.6976	7.4968	2.230	1.820
205000	198595	867.26	594.11	1192.71	7.3942	5.5461	7.2975	2.160	1.763
206000	199534	869.67	596.52	1198.73	7.1986	5.3994	7.1045	2.092	1.708
207000	200472	872.02	598.87	1204.70	7.0092	5.2573	6.9175	2.027	1.655
208000	201410	874.34	601.19	1210.62	6.8257	5.1197	6.7364	1.964	1.603
209000	202347	876.61	603.46	1216.49	6.6479	4.9863	6.5610	1.904	1.554
210000	203284	878.84	605.69	1222.31	6.4756- 7	4.8571- 7	6.3910- 10	1.846- 10	1.507- 10
211000	204221	881.03	607.88	1228.09	6.3087	4.7319	6.2262	1.790	1.461
212000	205158	883.18	610.03	1233.82	6.1468	4.6105	6.0664	1.736	1.417
213000	206094	885.29	612.14	1239.50	5.9899	4.4928	5.9115	1.683	1.374
214000	207030	887.36	614.21	1245.14	5.8377	4.3786	5.7613	1.633	1.333
215000	207966	889.39	616.24	1250.73	5.6900	4.2679	5.6156	1.585	1.294
216000	208902	891.39	618.24	1256.27	5.5468	4.1604	5.4743	1.538	1.256
217000	209837	893.35	620.20	1261.77	5.4078	4.0562	5.3371	1.493	1.219
218000	210772	895.27	622.12	1267.23	5.2729	3.9550	5.2040	1.450	1.183
219000	211706	897.16	624.01	1272.65	5.1420	3.8568	5.0748	1.408	1.149
220000	212641	899.01	625.86	1278.02	5.0149- 7	3.7615- 7	4.9494- 10	1.367- 10	1.116- 10
221000	213575	900.83	627.68	1283.34	4.8915	3.6689	4.8276	1.328	1.084
222000	214509	902.62	629.47	1288.63	4.7717	3.5791	4.7093	1.290	1.053
223000	215442	904.37	631.22	1293.87	4.6553	3.4918	4.5944	1.253	1.023
224000	216375	906.09	632.94	1299.07	4.5422	3.4069	4.4828	1.218	9.943- 11
225000	217308	907.78	634.63	1304.23	4.4324	3.3245	4.3744	1.184	9.665
226000	218241	909.44	636.29	1309.35	4.3256	3.2445	4.2690	1.151	9.395
227000	219173	911.07	637.92	1314.43	4.2219	3.1667	4.1666	1.119	9.134
228000	220105	912.67	639.52	1319.47	4.1210	3.0910	4.0671	1.088	8.882
229000	221037	914.24	641.09	1324.47	4.0230	3.0175	3.9704	1.058	8.638

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230000	221969	915.78	642.63	1329.43	3.9276- 7	2.9460- 7	3.8763- 10	1.029- 10	8.402- 11
231000	222900	917.29	644.14	1334.35	3.8349	2.8764	3.7848	1.001	8.173
232000	223831	918.78	645.63	1339.23	3.7448	2.8088	3.6958	9.741- 11	7.952
233000	224762	920.24	647.09	1344.07	3.6571	2.7430	3.6093	9.479	7.738
234000	225692	921.67	648.52	1348.87	3.5718	2.6791	3.5251	9.225	7.530
235000	226622	923.07	649.92	1353.64	3.4888	2.6168	3.4432	8.979	7.329
236000	227552	924.45	651.30	1358.37	3.4080	2.5562	3.3634	8.740	7.135
237000	228481	925.81	652.66	1363.06	3.3294	2.4973	3.2859	8.509	6.946
238000	229411	927.14	653.99	1367.71	3.2529	2.4399	3.2103	8.285	6.764
239000	230340	928.44	655.29	1372.33	3.1784	2.3840	3.1368	8.068	6.586
240000	231268	929.73	656.58	1376.91	3.1059- 7	2.3296- 7	3.0653- 10	7.858- 11	6.415- 11
241000	232197	930.98	657.83	1381.46	3.0353	2.2767	2.9956	7.654	6.248
242000	233125	932.22	659.07	1385.97	2.9665	2.2251	2.9277	7.456	6.087
243000	234053	933.43	660.28	1390.45	2.8996	2.1749	2.8616	7.265	5.930
244000	234980	934.62	661.47	1394.88	2.8343	2.1259	2.7973	7.079	5.779
245000	235908	935.79	662.64	1399.29	2.7708	2.0783	2.7346	6.898	5.631
246000	236835	936.94	663.79	1403.66	2.7089	2.0318	2.6735	6.723	5.488
247000	237761	938.07	664.92	1407.99	2.6486	1.9866	2.6139	6.553	5.350
248000	238688	939.18	666.03	1412.30	2.5898	1.9425	2.5559	6.388	5.215
249000	239614	940.26	667.11	1416.56	2.5325	1.8995	2.4994	6.228	5.084
250000	240540	941.33	668.18	1420.80	2.4767- 7	1.8577- 7	2.4443- 10	6.073- 11	4.957- 11
251000	241466	942.38	669.23	1425.00	2.4222	1.8168	2.3906	5.922	4.834
252000	242391	943.41	670.26	1429.16	2.3692	1.7770	2.3382	5.775	4.714
253000	243316	944.42	671.27	1433.30	2.3175	1.7382	2.2871	5.633	4.598
254000	244241	945.41	672.26	1437.40	2.2670	1.7004	2.2374	5.494	4.485
255000	245165	946.38	673.23	1441.47	2.2178	1.6635	2.1888	5.360	4.375
256000	246089	947.34	674.19	1445.51	2.1698	1.6275	2.1415	5.229	4.269
257000	247013	948.28	675.13	1449.51	2.1230	1.5924	2.0953	5.102	4.165
258000	247937	949.20	676.05	1453.49	2.0774	1.5582	2.0502	4.979	4.064
259000	248860	950.10	676.95	1457.43	2.0328	1.5248	2.0063	4.859	3.967
260000	249784	950.99	677.84	1461.34	1.9894- 7	1.4922- 7	1.9634- 10	4.742- 11	3.871- 11
261000	250706	951.86	678.71	1465.22	1.9470	1.4604	1.9215	4.629	3.779
262000	251629	952.72	679.57	1469.07	1.9056	1.4293	1.8807	4.519	3.689
263000	252551	953.56	680.41	1472.89	1.8652	1.3990	1.8408	4.412	3.601
264000	253473	954.39	681.24	1476.68	1.8258	1.3695	1.8020	4.307	3.516
265000	254395	955.20	682.05	1480.44	1.7874	1.3406	1.7640	4.206	3.433
266000	255316	955.99	682.84	1484.17	1.7498	1.3125	1.7269	4.107	3.353
267000	256237	956.78	683.63	1487.87	1.7131	1.2850	1.6907	4.011	3.274
268000	257158	957.54	684.39	1491.54	1.6773	1.2581	1.6554	3.918	3.198
269000	258079	958.30	685.15	1495.18	1.6424	1.2319	1.6209	3.827	3.124
270000	258999	959.04	685.89	1498.80	1.6083- 7	1.2063- 7	1.5872- 10	3.738- 11	3.052- 11
271000	259919	959.77	686.62	1502.38	1.5749	1.1813	1.5543	3.652	2.981
272000	260839	960.48	687.33	1505.94	1.5424	1.1569	1.5222	3.568	2.913
273000	261758	961.18	688.03	1509.46	1.5106	1.1330	1.4908	3.486	2.846
274000	262678	961.87	688.72	1512.96	1.4795	1.1097	1.4602	3.407	2.781
275000	263597	962.54	689.39	1516.43	1.4492	1.0870	1.4302	3.329	2.718
276000	264515	963.21	690.06	1519.88	1.4195	1.0647	1.4010	3.254	2.656
277000	265434	963.86	690.71	1523.30	1.3906	1.0430	1.3724	3.180	2.596
278000	266352	964.50	691.35	1526.68	1.3623	1.0218	1.3444	3.108	2.538
279000	267269	965.13	691.98	1530.05	1.3346	1.0010	1.3171	3.039	2.481
280000	268187	965.75	692.60	1533.38	1.3076- 7	9.8075- 8	1.2905- 10	2.971- 11	2.425- 11
281000	269104	966.35	693.20	1536.69	1.2811	9.6093	1.2644	2.904	2.371
282000	270021	966.95	693.80	1539.98	1.2553	9.4156	1.2389	2.840	2.318
283000	270938	967.53	694.38	1543.23	1.2301	9.2263	1.2140	2.777	2.267
284000	271854	968.11	694.96	1546.47	1.2054	9.0412	1.1896	2.715	2.217
285000	272771	968.67	695.52	1549.67	1.1813	8.8603	1.1658	2.656	2.168
286000	273686	969.22	696.07	1552.85	1.1577	8.6834	1.1426	2.597	2.120
287000	274602	969.77	696.62	1556.01	1.1346	8.5104	1.1199	2.540	2.074
288000	275517	970.30	697.15	1559.14	1.1121	8.3413	1.0975	2.485	2.028
289000	276432	970.83	697.68	1562.24	1.0900	8.1759	1.0758	2.431	1.984
290000	277347	971.34	698.19	1565.32	1.0685- 7	8.0141- 8	1.0545- 10	2.378- 11	1.941- 11
291000	278262	971.85	698.70	1568.38	1.0474	7.8559	1.0337	2.326	1.899
292000	279176	972.34	699.19	1571.41	1.0267	7.7012	1.0133	2.276	1.858
293000	280090	972.83	699.68	1574.42	1.0066	7.5498	9.9340- 11	2.227	1.818
294000	281004	973.31	700.16	1577.41	9.8682- 8	7.4018	9.7392	2.179	1.779
295000	281917	973.78	700.63	1580.37	9.6751	7.2569	9.5486	2.133	1.741
296000	282830	974.24	701.09	1583.31	9.4862	7.1152	9.3622	2.087	1.704
297000	283743	974.70	701.55	1586.22	9.3014	6.9766	9.1797	2.043	1.668
298000	284656	975.14	701.99	1589.12	9.1205	6.8410	9.0013	1.999	1.632
299000	285568	975.58	702.43	1591.99	8.9436	6.7082	8.8266	1.957	1.598
300000	286480	976.01	702.86	1594.83	8.7704- 8	6.5783- 8	8.6557- 11	1.916- 11	1.564- 11
302000	288303	976.84	703.69	1600.46	8.4351	6.3268	8.3248	1.836	1.499
304000	290125	977.65	704.50	1606.00	8.1139	6.0859	8.0078	1.760	1.437
306000	291946	978.43	705.28	1611.46	7.8061	5.8551	7.7040	1.688	1.378
308000	293766	979.18	706.03	1616.84	7.5112	5.6338	7.4129	1.618	1.321
310000	295585	979.90	706.75	1622.13	7.2285	5.4218	7.1339	1.552	1.267
312000	297403	980.60	707.45	1627.34	6.9574	5.2185	6.8664	1.489	1.216
314000	299220	981.28	708.13	1632.47	6.6975	5.0235	6.6099	1.429	1.167
316000	301035	981.93	708.78	1637.53	6.4482	4.8365	6.3639	1.372	1.120
318000	302850	982.55	709.40	1642.51	6.2090	4.6572	6.1278	1.317	1.075

Table I
Geometric Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
Z (m)	H (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
320000	304663	983.16	710.01	1647.42	5.9796- 8	4.4850- 8	5.9014- 11	1.264- 11	1.032- 11
322000	306476	983.74	710.59	1652.26	5.7593	4.3199	5.6840	1.214	9.913- 12
324000	308287	984.31	711.16	1657.03	5.5480	4.1613	5.4754	1.166	9.521
326000	310097	984.85	711.70	1661.73	5.3450	4.0091	5.2751	1.121	9.147
328000	311906	985.37	712.22	1666.37	5.1502	3.8629	5.0828	1.077	8.789
330000	313714	985.88	712.73	1670.94	4.9630	3.7226	4.8981	1.035	8.447
332000	315521	986.37	713.22	1675.45	4.7833	3.5877	4.7207	9.946- 12	8.119
334000	317327	986.84	713.69	1679.90	4.6106	3.4582	4.5503	9.561	7.805
336000	319132	987.29	714.14	1684.29	4.4447	3.3338	4.3865	9.193	7.505
338000	320935	987.73	714.58	1688.62	4.2852	3.2142	4.2292	8.841	7.217
340000	322738	988.15	715.00	1692.90	4.1320- 8	3.0992- 8	4.0779- 11	8.503- 12	6.941- 12
342000	324539	988.56	715.41	1697.13	3.9846	2.9887	3.9325	8.179	6.677
344000	326340	988.96	715.81	1701.30	3.8430	2.8825	3.7927	7.869	6.424
346000	328139	989.34	716.19	1705.42	3.7068	2.7803	3.6583	7.572	6.181
348000	329938	989.70	716.55	1709.50	3.5758	2.6821	3.5290	7.287	5.948
350000	331735	990.06	716.91	1713.53	3.4498	2.5876	3.4047	7.014	5.725
352000	333531	990.40	717.25	1717.51	3.3286	2.4966	3.2851	6.751	5.511
354000	335326	990.73	717.58	1721.46	3.2120	2.4092	3.1700	6.500	5.306
356000	337120	991.05	717.90	1725.36	3.0998	2.3250	3.0592	6.259	5.109
358000	338913	991.35	718.20	1729.22	2.9918	2.2440	2.9526	6.027	4.920
360000	340705	991.65	718.50	1733.05	2.8878- 8	2.1661- 8	2.8501- 11	5.805- 12	4.739- 12
362000	342496	991.94	718.79	1736.84	2.7878	2.0910	2.7513	5.592	4.565
364000	344286	992.21	719.06	1740.59	2.6915	2.0188	2.6563	5.387	4.397
366000	346074	992.48	719.33	1744.32	2.5987	1.9492	2.5647	5.190	4.237
368000	347862	992.74	719.59	1748.02	2.5094	1.8822	2.4766	5.001	4.083
370000	349648	992.98	719.83	1751.68	2.4234	1.8177	2.3917	4.820	3.934
372000	351434	993.22	720.07	1755.32	2.3405	1.7556	2.3099	4.645	3.792
374000	353218	993.46	720.31	1758.94	2.2607	1.6957	2.2312	4.478	3.655
376000	355002	993.68	720.53	1762.53	2.1839	1.6380	2.1553	4.316	3.524
378000	356784	993.89	720.74	1766.10	2.1098	1.5825	2.0822	4.162	3.397
380000	358565	994.10	720.95	1769.66	2.0384- 8	1.5289- 8	2.0117- 11	4.013- 12	3.276- 12
382000	360346	994.30	721.15	1773.19	1.9696	1.4773	1.9439	3.870	3.159
384000	362125	994.50	721.35	1776.71	1.9033	1.4276	1.8784	3.732	3.046
386000	363903	994.68	721.53	1780.22	1.8394	1.3797	1.8153	3.599	2.938
388000	365680	994.86	721.71	1783.72	1.7778	1.3335	1.7545	3.472	2.834
390000	367456	995.04	721.89	1787.20	1.7184	1.2889	1.6959	3.350	2.734
392000	369231	995.21	722.06	1790.68	1.6611	1.2460	1.6394	3.232	2.638
394000	371005	995.37	722.22	1794.15	1.6059	1.2045	1.5849	3.118	2.545
396000	372778	995.53	722.38	1797.61	1.5527	1.1646	1.5324	3.009	2.456
398000	374549	995.68	722.53	1801.08	1.5013	1.1261	1.4817	2.904	2.370
400000	376320	995.83	722.68	1804.54	1.4518- 8	1.0889- 8	1.4328- 11	2.803- 12	2.288- 12
402000	378090	995.97	722.82	1808.00	1.4040	1.0531	1.3856	2.705	2.208
404000	379858	996.10	722.95	1811.47	1.3579	1.0185	1.3401	2.611	2.132
406000	381626	996.23	723.08	1814.94	1.3134	9.8514- 9	1.2962	2.521	2.058
408000	383392	996.36	723.21	1818.41	1.2705	9.5295	1.2539	2.434	1.987
410000	385158	996.49	723.34	1821.90	1.2291	9.2189	1.2130	2.350	1.918
412000	386922	996.60	723.45	1825.39	1.1891	8.9192	1.1736	2.269	1.853
414000	388686	996.72	723.57	1828.90	1.1506	8.6299	1.1355	2.192	1.789
416000	390448	996.83	723.68	1832.42	1.1133	8.3507	1.0988	2.117	1.728
418000	392210	996.94	723.79	1835.96	1.0774	8.0812	1.0633	2.044	1.669
420000	393970	997.04	723.89	1839.52	1.0427- 8	7.8211- 9	1.0291- 11	1.975- 12	1.612- 12
422000	395729	997.14	723.99	1843.09	1.0092	7.5699	9.9605- 12	1.908	1.557
424000	397487	997.24	724.09	1846.69	9.7692- 9	7.3275	9.6414	1.843	1.504
426000	399245	997.33	724.18	1850.31	9.4570	7.0933	9.3333	1.781	1.453
428000	401001	997.42	724.27	1853.96	9.1556	6.8673	9.0359	1.720	1.404
430000	402756	997.50	724.35	1857.63	8.8645	6.6489	8.7486	1.662	1.357
432000	404510	997.59	724.44	1861.33	8.5834	6.4381	8.4712	1.606	1.311
434000	406263	997.67	724.52	1865.07	8.3119	6.2345	8.2032	1.553	1.267
436000	408015	997.75	724.60	1868.83	8.0497	6.0378	7.9444	1.501	1.225
438000	409766	997.82	724.67	1872.64	7.7964	5.8478	7.6944	1.450	1.184
440000	411516	997.90	724.75	1876.48	7.5517- 9	5.6642- 9	7.4529- 12	1.402- 12	1.144- 12
442000	413265	997.97	724.82	1880.36	7.3153	5.4869	7.2196	1.355	1.106
444000	415013	998.03	724.88	1884.28	7.0869	5.3156	6.9942	1.310	1.070
446000	416760	998.10	724.95	1888.24	6.8662	5.1500	6.7764	1.267	1.034
448000	418505	998.16	725.01	1892.25	6.6529	4.9901	6.5659	1.225	9.998- 13
450000	420250	998.22	725.07	1896.31	6.4468	4.8355	6.3625	1.184	9.668
452000	421994	998.28	725.13	1900.42	6.2477	4.6861	6.1660	1.145	9.349
454000	423737	998.34	725.19	1904.58	6.0552	4.5418	5.9760	1.108	9.041
456000	425478	998.40	725.25	1908.79	5.8691	4.4022	5.7924	1.071	8.744
458000	427219	998.45	725.30	1913.06	5.6893	4.2673	5.6149	1.036	8.457
460000	428959	998.50	725.35	1917.39	5.5155- 9	4.1370- 9	5.4434- 12	1.002- 12	8.180- 13
462000	430698	998.55	725.40	1921.77	5.3474	4.0109	5.2775	9.694- 13	7.913
464000	432435	998.60	725.45	1926.22	5.1850	3.8891	5.1172	9.377	7.655
466000	434172	998.65	725.50	1930.74	5.0279	3.7712	4.9621	9.072	7.406
468000	435907	998.69	725.54	1935.32	4.8760	3.6573	4.8123	8.777	7.165
470000	437642	998.73	725.58	1939.97	4.7292	3.5472	4.6673	8.492	6.932
472000	439376	998.78	725.63	1944.70	4.5871	3.4406	4.5272	8.217	6.708
474000	441108	998.82	725.67	1949.50	4.4498	3.3376	4.3916	7.952	6.491
476000	442840	998.86	725.71	1954.37	4.3170	3.2380	4.2605	7.695	6.282
478000	444570	998.89	725.74	1959.32	4.1885	3.1416	4.1337	7.447	6.079

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Z (m)	H (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
480000	446300	998.93	725.78	1964.36	4.0642- 9	3.0484- 9	4.0111- 12	7.208- 13	5.884- 13
482000	448028	998.97	725.82	1969.47	3.9440	2.9583	3.8925	6.976	5.695
484000	449756	999.00	725.85	1974.68	3.8278	2.8711	3.7777	6.753	5.513
486000	451482	999.03	725.88	1979.97	3.7153	2.7867	3.6667	6.537	5.336
488000	453208	999.07	725.92	1985.35	3.6064	2.7051	3.5593	6.328	5.166
490000	454932	999.10	725.95	1990.83	3.5011	2.6261	3.4554	6.127	5.001
492000	456656	999.13	725.98	1996.40	3.3993	2.5497	3.3548	5.932	4.842
494000	458378	999.15	726.00	2002.07	3.3007	2.4757	3.2575	5.743	4.688
496000	460100	999.18	726.03	2007.84	3.2053	2.4041	3.1633	5.561	4.540
498000	461820	999.21	726.06	2013.71	3.1129	2.3349	3.0722	5.385	4.396
500000	463540	999.24	726.09	2019.69	3.0236- 9	2.2679- 9	2.9840- 12	5.215- 13	4.257- 13
505000	467834	999.30	726.15	2035.12	2.8125	2.1096	2.7757	4.814	3.930
510000	472122	999.35	726.20	2051.27	2.6179	1.9636	2.5837	4.446	3.629
515000	476404	999.40	726.25	2068.18	2.4385	1.8290	2.4066	4.107	3.353
520000	480679	999.45	726.30	2085.90	2.2729	1.7048	2.2431	3.796	3.099
525000	484949	999.50	726.35	2104.47	2.1200	1.5901	2.0923	3.509	2.865
530000	489212	999.54	726.39	2123.94	1.9789	1.4843	1.9530	3.246	2.650
535000	493469	999.57	726.42	2144.35	1.8485	1.3865	1.8244	3.003	2.452
540000	497719	999.61	726.46	2165.75	1.7281	1.2962	1.7055	2.780	2.269
545000	501964	999.64	726.49	2188.18	1.6167	1.2126	1.5956	2.574	2.101
550000	506202	999.67	726.52	2211.70	1.5137- 9	1.1354- 9	1.4939- 12	2.384- 13	1.946- 13
555000	510435	999.69	726.54	2236.35	1.4184	1.0639	1.3999	2.210	1.804
560000	514661	999.72	726.57	2262.18	1.3303	9.9778- 10	1.3129	2.049	1.672
565000	518881	999.74	726.59	2289.24	1.2486	9.3652	1.2323	1.900	1.551
570000	523095	999.76	726.61	2317.58	1.1729	8.7978	1.1576	1.763	1.439
575000	527303	999.78	726.63	2347.24	1.1028	8.2719	1.0884	1.637	1.336
580000	531505	999.80	726.65	2378.28	1.0378	7.7843	1.0243	1.520	1.241
585000	535701	999.81	726.66	2410.74	9.7752- 10	7.3320	9.6473- 13	1.413	1.153
590000	539890	999.83	726.68	2444.66	9.2155	6.9122	9.0950	1.313	1.072
595000	544074	999.84	726.69	2480.10	8.6958	6.5224	8.5821	1.221	9.971- 14
600000	548252	999.85	726.70	2517.10	8.2130- 10	6.1602- 10	8.1056- 13	1.137- 13	9.279- 14
605000	552424	999.86	726.71	2555.69	7.7642	5.8236	7.6626	1.058	8.640
610000	556589	999.88	726.73	2595.92	7.3468	5.5106	7.2507	9.859- 14	8.048
615000	560749	999.88	726.73	2637.82	6.9585	5.2193	6.8675	9.190	7.502
620000	564903	999.89	726.74	2681.43	6.5969	4.9481	6.5106	8.571	6.996
625000	569051	999.90	726.75	2726.78	6.2601	4.6954	6.1782	7.998	6.529
630000	573193	999.91	726.76	2773.89	5.9461	4.4600	5.8684	7.468	6.096
635000	577329	999.92	726.77	2822.79	5.6533	4.2404	5.5794	6.977	5.695
640000	581459	999.92	726.77	2873.49	5.3801	4.0354	5.3097	6.523	5.325
645000	585583	999.93	726.78	2926.01	5.1249	3.8440	5.0579	6.102	4.981
650000	589701	999.93	726.78	2980.36	4.8865- 10	3.6651- 10	4.8226- 13	5.712- 14	4.663- 14
655000	593814	999.94	726.79	3036.53	4.6635	3.4979	4.6025	5.350	4.368
660000	597920	999.94	726.79	3094.52	4.4549	3.3414	4.3966	5.015	4.094
665000	602021	999.95	726.80	3154.32	4.2595	3.1949	4.2038	4.704	3.840
670000	606116	999.95	726.80	3215.92	4.0765	3.0576	4.0232	4.416	3.605
675000	610205	999.96	726.81	3279.29	3.9048	2.9289	3.8538	4.148	3.386
680000	614288	999.96	726.81	3344.39	3.7438	2.8081	3.6948	3.900	3.183
685000	618365	999.96	726.81	3411.19	3.5925	2.6946	3.5455	3.669	2.995
690000	622437	999.97	726.82	3479.64	3.4504	2.5880	3.4052	3.454	2.820
695000	626503	999.97	726.82	3549.69	3.3166	2.4877	3.2733	3.255	2.657
700000	630563	999.97	726.82	3621.27	3.1908- 10	2.3933- 10	3.1491- 13	3.070- 14	2.506- 14
705000	634617	999.97	726.82	3694.31	3.0722	2.3043	3.0320	2.897	2.365
710000	638666	999.97	726.82	3768.74	2.9604	2.2205	2.9217	2.736	2.234
715000	642709	999.98	726.83	3844.47	2.8549	2.1414	2.8176	2.587	2.112
720000	646746	999.98	726.83	3921.41	2.7553	2.0666	2.7193	2.448	1.998
725000	650778	999.98	726.83	3999.46	2.6611	1.9960	2.6263	2.318	1.892
730000	654803	999.98	726.83	4078.53	2.5720	1.9292	2.5384	2.197	1.793
735000	658824	999.98	726.83	4158.49	2.4877	1.8659	2.4551	2.084	1.701
740000	662838	999.98	726.83	4239.25	2.4077	1.8059	2.3762	1.979	1.615
745000	666847	999.99	726.84	4320.67	2.3319	1.7491	2.3014	1.880	1.535
750000	670850	999.99	726.84	4402.64	2.2599- 10	1.6951- 10	2.2303- 13	1.788- 14	1.460- 14
755000	674848	999.99	726.84	4485.04	2.1915	1.6438	2.1628	1.702	1.390
760000	678840	999.99	726.84	4567.74	2.1265	1.5950	2.0987	1.622	1.324
765000	682826	999.99	726.84	4650.61	2.0645	1.5485	2.0375	1.547	1.262
770000	686807	999.99	726.84	4733.52	2.0056	1.5043	1.9793	1.476	1.205
775000	690782	999.99	726.84	4816.36	1.9493	1.4621	1.9238	1.410	1.151
780000	694751	999.99	726.84	4898.99	1.8957	1.4219	1.8709	1.348	1.100
785000	698715	999.99	726.84	4981.29	1.8444	1.3834	1.8203	1.290	1.053
790000	702674	999.99	726.84	5063.15	1.7954	1.3467	1.7719	1.235	1.008
795000	706627	999.99	726.84	5144.44	1.7485	1.3115	1.7256	1.184	9.666- 15
800000	710574	999.99	726.84	5225.06	1.7036- 10	1.2778- 10	1.6813- 13	1.136- 14	9.272- 15
805000	714516	999.99	726.84	5304.89	1.6606	1.2456	1.6389	1.091	8.902
810000	718452	999.99	726.84	5383.84	1.6193	1.2146	1.5982	1.048	8.554
815000	722383	1000.00	726.85	5461.80	1.5797	1.1849	1.5591	1.008	8.225
820000	726309	1000.00	726.85	5538.70	1.5417	1.1564	1.5215	9.697- 15	7.916
825000	730229	1000.00	726.85	5614.45	1.5051	1.1289	1.4854	9.339	7.624
830000	734143	1000.00	726.85	5688.96	1.4699	1.1025	1.4507	9.001	7.348
835000	738052	1000.00	726.85	5762.18	1.4360	1.0771	1.4172	8.682	7.087
840000	741956	1000.00	726.85	5834.03	1.4034	1.0526	1.3850	8.380	6.841
845000	745854	1000.00	726.85	5904.47	1.3719	1.0290	1.3539	8.094	6.607

Table I
Geometric Altitude, Metric Units

Altitude		Temperature			Pressure			Density	
Z (m)	H (m)	T (K)	t (°C)	T_M (K)	P (mb)	P (torr)	P/P_0	ρ (kg/m^3)	ρ/ρ_0
850000	749747	1000.00	726.85	5973.45	1.3415- 10	1.0062- 10	1.3240- 13	7.824- 15	6.387- 15
855000	753634	1000.00	726.85	6040.93	1.3122	9.8420- 11	1.2950	7.567	6.177
860000	757516	1000.00	726.85	6106.87	1.2838	9.6295	1.2670	7.324	5.978
865000	761393	1000.00	726.85	6171.24	1.2564	9.4240	1.2400	7.093	5.790
870000	765264	1000.00	726.85	6234.03	1.2299	9.2251	1.2138	6.873	5.611
875000	769130	1000.00	726.85	6295.22	1.2043	9.0327	1.1885	6.664	5.440
880000	772991	1000.00	726.85	6354.81	1.1794	8.8463	1.1640	6.465	5.278
885000	776846	1000.00	726.85	6412.78	1.1553	8.6657	1.1402	6.276	5.123
890000	780696	1000.00	726.85	6469.15	1.1320	8.4905	1.1172	6.096	4.976
895000	784541	1000.00	726.85	6523.92	1.1093	8.3206	1.0948	5.924	4.836
900000	788380	1000.00	726.85	6577.11	1.0873- 10	8.1556- 11	1.0731- 13	5.759- 15	4.701- 15
905000	792214	1000.00	726.85	6628.72	1.0660	7.9954	1.0520	5.602	4.573
910000	796043	1000.00	726.85	6678.78	1.0452	7.8398	1.0316	5.452	4.451
915000	799866	1000.00	726.85	6727.31	1.0250	7.6885	1.0116	5.308	4.333
920000	803685	1000.00	726.85	6774.34	1.0054	7.5414	9.9229- 14	5.170	4.221
925000	807498	1000.00	726.85	6819.90	9.8635- 11	7.3982	9.7345	5.038	4.113
930000	811305	1000.00	726.85	6864.02	9.6777	7.2589	9.5512	4.912	4.010
935000	815108	1000.00	726.85	6906.73	9.4968	7.1232	9.3727	4.790	3.910
940000	818905	1000.00	726.85	6948.07	9.3207	6.9911	9.1988	4.673	3.815
945000	822697	1000.00	726.85	6988.07	9.1490	6.8623	9.0293	4.561	3.723
950000	826484	1000.00	726.85	7026.78	8.9816- 11	6.7368- 11	8.8642- 14	4.453- 15	3.635- 15
955000	830266	1000.00	726.85	7064.22	8.8184	6.6143	8.7031	4.349	3.550
960000	834043	1000.00	726.85	7100.45	8.6592	6.4949	8.5460	4.248	3.468
965000	837814	1000.00	726.85	7135.49	8.5039	6.3784	8.3927	4.152	3.389
970000	841580	1000.00	726.85	7169.40	8.3523	6.2647	8.2431	4.058	3.313
975000	845342	1000.00	726.85	7202.21	8.2043	6.1537	8.0970	3.968	3.239
980000	849098	1000.00	726.85	7233.96	8.0597	6.0453	7.9543	3.881	3.168
985000	852849	1000.00	726.85	7264.68	7.9185	5.9393	7.8149	3.797	3.100
990000	856594	1000.00	726.85	7294.43	7.7805	5.8358	7.6788	3.716	3.033
995000	860335	1000.00	726.85	7323.24	7.6456	5.7347	7.5457	3.637	2.969
1000000	864071	1000.00	726.85	7351.15	7.5138- 11	5.6358- 11	7.4155- 14	3.561- 15	2.907- 15