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METEOROLOGICAL AND CLIMATOLOGICAL DATA FOR OCTOBER 1946

AEROLOGICAL OBSERVATIONS

[For description of change in Table 1 and charts, see REVIEW, January 1946, p. 6]

TABLE 1.—*Mean dynamic height (geopotential) in units of 0.98 dynamic meter, temperature in degrees centigrade, and relative humidity in percent, for standard pressures, as obtained by radiosondes during October 1946*

STATIONS AND MEAN SURFACE PRESSURES

Standard pressure surface (mb.)	Albany, N. Y. (1,007.8 mb.)				Albuquerque, N. Mex. (836.2 mb.)				Apalachicola, Fla. (1,016.8 mb.)				Atlanta, Ga. (984.6 mb.)				Auburn, Calif. (956.3 mb.)				Big Spring, Tex. (926.0 mb.)				Bismarck, N. Dak. (952.8 mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity
Surface	31	93	9.9	83	31	1620	14.7	39	27	5	20.6	81	31	300	14.9	79	31	501	13.9	50	30	774	19.0	66	30	505	4.9	72
1,000	31	156	12.5	78	31	73	(*)	----	27	149	20.7	75	31	167	(*)	----	31	119	(*)	----	30	103	(*)	----	30	105	(*)	----
950	31	590	10.9	71	31	525	(*)	----	27	592	18.5	71	31	608	16.3	66	31	559	15.1	47	30	550	(*)	----	30	528	(*)	----
900	31	1,035	8.5	70	31	994	(*)	----	27	1,054	15.9	69	31	1,063	13.6	63	31	1,014	13.4	42	30	1,019	18.4	63	30	970	4.7	64
850	31	1,506	6.8	63	31	1,481	(*)	----	37	1,538	13.9	59	31	1,544	11.6	54	31	1,492	10.2	41	30	1,508	16.4	60	30	1,434	2.0	68
800	31	2,003	4.6	60	31	1,993	13.4	37	27	2,048	12.4	45	31	2,050	10.7	45	31	1,993	6.6	43	30	2,023	14.4	53	30	1,921	0.2	63
750	31	2,535	2.2	55	31	2,534	9.4	40	27	2,591	10.3	43	31	2,590	8.7	41	31	2,524	3.4	42	30	2,562	11.4	46	30	2,441	−1.9	61
700	31	3,082	−0.3	54	31	3,100	5.1	44	27	3,158	8.0	32	31	3,153	5.9	36	31	3,076	0.3	39	30	3,139	7.7	43	30	2,983	−4.6	59
650	31	3,678	−3.3	52	31	3,703	0.9	50	27	3,771	4.8	----	31	3,760	2.7	----	31	3,667	−3.1	37	30	3,747	4.4	40	30	3,566	−7.8	59
600	30	4,299	−7.1	54	31	4,339	−3.2	52	27	4,413	0.8	----	31	4,399	−1.1	----	31	4,295	−7.3	37	30	4,393	0.3	34	30	4,183	−11.1	60
550	29	4,975	−11.3	48	31	5,022	−7.4	48	27	5,107	−3.5	----	31	5,090	−5.2	----	30	4,970	−11.5	35	29	5,086	−4.0	----	29	4,846	−15.0	55
500	29	5,698	−15.7	44	30	5,764	−11.9	43	27	5,852	−8.3	----	31	5,830	−9.9	----	30	5,693	−16.1	39	29	5,832	−8.9	----	29	5,590	−19.6	49
450	29	6,493	−20.8	50	30	6,564	−17.0	----	27	6,668	−13.6	----	31	6,641	−15.4	----	30	6,482	−21.5	----	26	6,652	−14.1	----	29	6,341	−24.4	----
400	29	7,346	−26.8	----	30	7,433	−23.2	----	27	7,541	−20.2	----	31	7,512	−21.8	----	30	7,336	−27.3	----	25	7,530	−20.7	----	28	7,191	−30.1	----
350	28	8,285	−34.1	----	30	8,396	−30.4	----	26	8,517	−27.2	----	31	8,481	−29.1	----	30	8,283	−34.4	----	24	8,502	−27.5	----	27	8,130	−36.4	----
300	28	9,347	−41.7	----	30	9,474	−38.4	----	26	9,608	−35.1	----	31	9,564	−37.1	----	30	9,343	−41.9	----	24	9,593	−35.4	----	25	9,184	−42.9	----
250	28	10,560	−50.0	----	30	10,705	−46.7	----	26	10,855	−44.1	----	31	10,799	−46.2	----	30	10,555	−50.0	----	22	10,839	−44.2	----	21	10,420	−48.6	----
200	27	11,990	−57.9	----	26	12,151	−55.8	----	25	12,313	−54.6	----	30	12,253	−55.9	----	27	11,983	−56.2	----	17	12,314	−53.7	----	14	11,893	−53.4	----
175	25	12,825	−60.2	----	20	13,009	−59.4	----	23	13,153	−60.0	----	29	13,097	−60.5	----	26	12,827	−58.8	----	15	13,169	−59.2	----	12	12,743	−55.2	----
150	20	13,767	−60.6	----	14	13,970	−63.1	----	21	14,096	−65.9	----	26	14,051	−65.9	----	23	13,783	−60.5	----	7	14,146	−65.0	----	7	13,723	−57.3	----
125	14	14,897	−60.9	----	6	15,112	−66.0	----	12	15,186	−71.5	----	16	15,154	−69.9	----	12	14,877	−59.2	----	----	----	----	----	----	----	----	----

Standard pressure surface (mb.)	Boise, Idaho (915.3 mb.)				Brownsville, Tex. (1,013.1 mb.)				Buffalo, N. Y. (992.5 mb.)				Burrwood, La. (1,016.5 mb.)				Caribou, Maine (994.2 mb.)				Charleston, S. C. (1,017.4 mb.)				Ciudad Victoria, Mexico (974.2 mb.)			
Surface	31	868	8.1	61	30	6	24.1	87	30	221	11.6	75	31	2	22.8	81	31	191	7.0	81	31	14	16.7	86	31	335	23.8	79
1,000	31	127	(*)	----	30	120	24.0	85	30	157	(*)	----	31	145	22.0	80	31	143	(*)	----	31	161	18.6	75	31	104	(*)	----
950	31	562	(*)	----	30	573	21.7	83	30	592	12.8	62	31	592	19.2	78	31	567	7.1	69	31	601	16.7	67	31	553	22.8	78
900	31	1,008	9.4	54	30	1,038	18.9	78	30	1,042	10.4	67	31	1,053	16.9	62	31	1,009	4.9	69	31	1,059	14.1	64	31	1,025	19.6	80
850	31	1,499	6.3	54	30	1,528	16.9	65	30	1,515	7.4	67	31	1,539	15.0	54	31	1,474	3.3	69	31	1,541	12.3	59	31	1,516	16.6	83
800	31	1,973	2.5	60	29	2,045	14.7	52	30	2,012	4.9	58	31	2,051	12.8	49	31	1,964	1.6	64	31	2,048	11.0	48	31	2,033	13.9	79
750	31	2,495	−1.2	67	29	2,595	12.3	46	30	2,540	2.1	55	31	2,595	10.6	36	31	2,486	−0.7	58	31	2,588	9.0	41	31	2,574	11.4	76
700	31	3,039	−4.6	66	29	3,166	9.7	40	30	3,091	−0.6	55	31	3,163	8.1	28	31	3,032	−3.0	60	31	3,153	6.5	32	31	3,150	8.8	64
650	31	3,622	−8.0	65	28	3,782	6.3	40	30	3,685	−3.5	50	31	3,776	5.0	----	31	3,618	−6.4	54	31	3,758	3.6	----	30	3,758	5.5	56
600	31	4,237	−11.3	60	28	4,431	2.7	39	30	4,309	−7.0	48	31	4,420	1.1	----	30	4,236	−9.2	44	31	4,404	0.1	----	30	4,412	1.9	53
550	30	4,902	−15.0	56	28	5,130	−1.3	33	29	4,985	−11.0	44	31	5,117	−2.9	----	30	4,903	−13.1	43	29	5,089	−4.0	----	30	5,105	−2.0	53
500	30	5,615	−19.6	56	28	5,884	−5.7	----	29	5,708	−15.5	41	31	5,863	−7.6	----	30	5,625	−17.3	----	28	5,842	−8.7	----	30	5,862	−6.5	52
450	29	6,392	−24.7	----	28	6,709	−10.8	----	28	6,505	−20.8	----	31	6,685	−12.9	----	30	6,416	−22.3	----	28	6,655	−14.2	----	29	6,680	−11.6	45
400	29	7,232	−30.9	----	28	7,596	−17.0	----	26	7,358	−27.0	----	31	7,565	−19.2	----	30	7,263	−28.3	----	26	7,533	−20.4	----	29	7,572	−17.3	44
350	28	8,161	−38.0	----	27	8,585	−24.2	----	25	8,316	−33.6	----	30	8,544	−26.4	----	29	8,202	−35.2	----	25	8,506	−27.4	----	29	8,558	−24.6	----
300	27	9,202	−45.7	----	26	9,688	−32.6	----	24	9,383	−41.1	----	30	9,641	−34.1	----	27	9,264	−42.4	----	25	9,597	−35.5	----	28	9,661	−33.1	----
250	23	10,373	−51.7	----	25	10,948	−42.2	----	23	10,605	−49.1	----	29	10,893	−43.5	----	27	10,476	−49.9	----	23	10,836	−45.6	----	28	10,916	−43.2	----
200	18	11,786	−55.0	----	25	12,419	−53.4	----	19	12,045	−55.8	----	27	12,356	−54.0	----	26	11,910	−55.1	----	23	12,286	−56.3	----	28	12,378	−55.3	----
175	17	12,642	−55.9	----	25	13,264	−59.7	----	17	12,891	−58.1	----	23	13,202	−59.4	----	22	12,745	−56.9	----	22	13,122	−61.2	----	28	13,217	−62.0	----
150	9	13,614	−54.8	----	19	14,207	−65.8	----	16	13,864	−61.0	----	12	14,167	−65.0	----	14	13,626	−56.5	----	21	14,073	−66.0	----	24	14,156	−68.6	----
125	5	14,805	−57.5	----	7	15,327	−70.9	----	8	15,009	−63.4	----	----	----	----	----	----	----	----	----	17	15,177	−69.5	----	11	15,253	−74.6	----
100	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	10	16,488	−70.6	----	----	----	----	----

See footnotes at end of table.

TABLE 1.—*Mean dynamic height (geopotential) in units of 0.98 dynamic meter, temperature in degrees centigrade, and relative humidity in percent, for standard pressures, as obtained by radiosondes during October 1946*—Continued

Standard pressure surface (mb.)	Columbia, Mo. (988.0 mb.)				Dodge City, Kans. (922.5 mb.)				El Paso, Tex. (879.9 mb.)				Ely, Nev. (807.4 mb.)				Fort Worth, Tex. (991.2 mb.)				Glasgow, Mont. (936.7 mb.)				Grand Junction, Colo. (851.2 mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity
Surface	31	239	15.3	63	30	787	12.8	76	31	1,195	20.0	39	31	1,908	5.0	62	31	211	19.4	65	31	648	5.3	68	31	1,474	9.6	54
1,000	31	135	(*)	----	30	100	(*)	----	31	73	(*)	----	31	116	(*)	----	31	134	(*)	----	31	106	(*)	----	31	108	(*)	----
950	31	579	15.8	58	30	537	(*)	----	31	534	(*)	----	31	556	(*)	----	31	581	(*)	----	31	531	(*)	----	31	555	(*)	----
900	31	1,030	13.3	58	30	995	13.5	66	31	1,003	(*)	----	31	1,012	(*)	----	31	1,040	16.2	62	31	975	5.4	63	31	1,012	(*)	----
850	31	1,509	10.8	55	30	1,476	12.6	58	31	1,493	19.5	37	31	1,482	(*)	----	31	1,525	13.8	58	31	1,439	2.2	65	31	1,485	9.3	46
800	31	2,013	8.7	45	30	1,983	11.0	50	31	2,011	15.6	40	31	1,983	6.0	58	31	2,035	11.8	51	31	1,925	−1.1	66	31	1,989	8.1	48
750	31	2,548	6.1	44	30	2,523	8.3	39	31	2,558	11.6	43	31	2,515	3.4	55	31	2,577	9.3	47	31	2,442	−3.4	61	31	2,521	4.3	52
700	31	3,106	3.0	41	30	3,085	4.7	38	31	3,128	7.7	44	31	3,065	−0.9	61	31	3,143	6.6	42	31	2,981	−6.4	61	31	3,075	0.1	59
650	31	3,704	0.0	39	30	3,686	0.9	37	31	3,733	3.7	39	31	3,657	−4.7	58	31	3,752	3.4	36	31	3,562	−9.8	63	31	3,667	−4.2	65
600	31	4,339	−3.9	38	30	4,324	−3.2	36	31	4,379	−0.7	42	31	4,279	−8.1	61	31	4,393	−0.3	35	31	4,170	−13.3	62	31	4,291	−8.3	60
550	31	5,022	−8.1	34	30	5,005	−7.8	39	31	5,068	−5.2	37	31	4,953	−12.2	55	31	5,085	−4.5	33	30	4,820	−17.7	59	30	4,958	−12.5	58
500	31	5,754	−13.0	38	30	5,740	−12.4	----	30	5,812	−9.8	----	31	5,672	−16.9	51	31	5,829	−9.3	----	30	5,529	−22.2	----	30	5,680	−17.1	50
450	30	6,554	−17.9	34	30	6,543	−17.6	----	29	6,621	−15.4	----	30	6,462	−22.4	----	30	6,644	−14.6	----	30	6,299	−27.5	----	30	6,467	−22.8	----
400	30	7,419	−24.0	----	30	7,408	−23.7	----	29	7,495	−21.7	----	30	7,314	−28.3	----	28	7,523	−20.7	----	30	7,133	−33.3	----	30	7,315	−28.5	----
350	30	8,380	−31.0	----	30	8,370	−30.7	----	29	8,464	−28.8	----	30	8,258	−34.8	----	27	8,500	−27.7	----	28	8,059	−39.6	----	30	8,259	−35.1	----
300	30	9,455	−38.6	----	30	9,445	−38.6	----	28	9,546	−37.0	----	30	9,317	−41.5	----	26	9,589	−36.1	----	26	9,096	−46.5	----	30	9,318	−41.7	----
250	26	10,672	−47.1	----	30	10,674	−47.2	----	27	10,785	−46.1	----	30	10,534	−48.6	----	24	10,837	−45.0	----	22	10,307	−51.7	----	30	10,535	−48.3	----
200	25	12,119	−55.4	----	21	12,132	−54.4	----	27	12,233	−56.5	----	29	11,976	−56.4	----	20	12,313	−55.2	----	19	11,752	−54.1	----	27	11,975	−54.8	----
175	24	12,966	−58.7	----	16	12,969	−57.7	----	22	13,074	−61.2	----	25	12,809	−58.2	----	12	13,175	−59.8	----	15	12,622	−54.4	----	22	12,835	−57.2	----
150	16	13,950	−62.6	----	9	13,909	−59.5	----	11	14,038	−66.5	----	20	13,787	−59.7	----	7	14,127	−64.8	----	13	13,597	−55.5	----	16	13,800	−59.2	----
125	6	15,143	−66.0	----	----	----	----	----	----	----	----	----	9	14,930	−59.7	----	----	----	----	----	5	14,823	−56.2	----	14	14,942	−61.5	----

Standard pressure surface (mb.)	Great Falls, Mont. (884.6 mb.)				Greensboro, N. C. (988.9 mb.)				Hatteras, N. C. (1,018.7 mb.)				Havana, Cuba [1] (---- mb.)				Honolulu, T. H. (1,013.2 mb.)				Huntington, W. Va. (999.1 mb.)				International Falls, Minn. (971.7 mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity
Surface	31	1,128	4.8	64	30	273	12.3	83	31	3	18.8	82	----	----	----	----	25	3	26.1	66	31	172	10.2	85	31	359	4.6	77
1,000	31	112	(*)	----	30	178	(*)	----	31	162	18.0	80	----	----	----	----	25	118	24.7	68	31	165	(*)	----	31	122	(*)	----
950	31	544	(*)	----	30	615	14.1	71	31	601	15.7	75	----	----	----	----	25	573	20.9	72	31	598	15.2	56	31	543	5.4	71
900	31	991	(*)	----	30	1,067	11.4	68	31	1,058	13.2	72	----	----	----	----	25	1,033	17.4	75	31	1,051	12.1	55	31	984	3.4	69
850	31	1,452	3.8	58	30	1,543	9.2	59	31	1,538	11.1	62	----	----	----	----	25	1,520	14.6	72	31	1,527	9.3	54	31	1,445	1.1	67
800	31	1,943	0.7	60	30	2,044	7.4	48	31	2,043	9.7	47	----	----	----	----	25	2,032	12.9	58	31	2,028	6.8	47	31	1,931	−0.1	65
750	31	2,459	−3.0	65	30	2,584	5.6	41	30	2,582	7.7	35	----	----	----	----	25	2,580	11.1	38	31	2,559	4.7	43	31	2,452	−2.0	60
700	31	3,000	−6.5	68	30	3,136	3.8	35	30	3,142	5.2	32	----	----	----	----	24	3,145	8.5	----	31	3,115	2.2	40	31	2,992	−5.0	62
650	31	3,580	−10.0	68	30	3,738	0.8	----	30	3,747	2.3	----	----	----	----	----	24	3,755	5.2	----	31	3,712	−0.6	38	31	3,577	−8.1	57
600	31	4,190	−13.6	63	30	4,373	−3.0	----	30	4,386	−1.3	----	----	----	----	----	24	4,404	2.0	----	31	4,347	−4.0	39	31	4,190	−11.3	56
550	31	4,850	−17.4	55	30	5,056	−7.2	----	30	5,074	−5.4	----	----	----	----	----	24	5,103	−2.2	----	31	5,026	−8.1	----	31	4,854	−15.2	56
500	30	5,553	−22.2	----	30	5,793	−12.1	----	30	5,816	−10.0	----	----	----	----	----	24	5,851	−6.6	----	31	5,762	−12.8	----	30	5,572	−19.6	56
450	29	6,329	−27.3	----	30	6,599	−17.8	----	30	6,626	−15.7	----	----	----	----	----	24	6,677	−11.9	----	31	6,558	−17.9	----	30	6,369	−24.4	56
400	29	7,162	−33.1	----	30	7,462	−24.2	----	30	7,498	−22.0	----	----	----	----	----	24	7,555	−18.3	----	30	7,431	−24.2	----	30	7,196	−30.1	58
350	28	8,092	−39.3	----	30	8,421	−31.4	----	28	8,472	−29.1	----	----	----	----	----	24	8,537	−25.8	----	30	8,391	−31.1	----	28	8,133	−36.5	----
300	28	9,131	−46.8	----	30	9,494	−39.8	----	28	9,553	−37.3	----	----	----	----	----	23	9,635	−34.2	----	29	9,464	−38.9	----	27	9,187	−43.0	----
250	27	10,323	−52.6	----	30	10,715	−49.3	----	26	10,777	−46.9	----	----	----	----	----	22	10,883	−43.9	----	28	10,694	−47.3	----	27	10,396	−49.6	----
200	21	11,767	−54.5	----	29	12,155	−58.5	----	22	12,247	−54.8	----	----	----	----	----	18	12,342	−55.1	----	25	12,144	−55.9	----	20	11,857	−54.8	----
175	20	12,622	−54.7	----	27	12,990	−61.8	----	17	13,094	−59.2	----	----	----	----	----	10	13,167	−61.0	----	20	12,988	−59.4	----	15	12,742	−56.4	----
150	17	13,593	−54.1	----	23	13,947	−65.3	----	9	14,024	−61.6	----	----	----	----	----	----	----	----	----	14	13,937	−62.2	----	13	13,739	−57.7	----
125	14	14,742	−56.6	----	14	15,037	−69.0	----	----	----	----	----	----	----	----	----	----	----	----	----	5	15,042	−64.2	----	----	----	----	----

Standard pressure surface (mb.)	Joliet, Ill. (995.8 mb.)				Lake Charles, La. (1,016.4 mb.)				Lander, Wyo. (826.6 mb.)				Las Vegas, Nev. (946.1 mb.)				Little Rock, Ark. (1,008.1 mb.)				Mazatlan, Mexico (1,007.6 mb.)				Medford, Oreg. (970.3 mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity
Surface	31	178	11.7	77	30	5	19.7	87	31	1,696	4.2	67	31	574	17.1	38	31	79	15.4	78	31	14	28.0	72	30	401	11.2	70
1,000	31	142	(*)	----	30	146	21.4	78	31	111	(*)	----	31	95	(*)	----	31	147	(*)	----	31	79	27.2	72	30	147	(*)	----
950	31	578	14.1	61	30	594	18.9	72	31	546	(*)	----	31	540	(*)	----	31	591	17.1	59	31	537	24.2	68	30	582	11.4	65
900	31	1,030	11.4	59	30	1,053	16.4	67	31	998	(*)	----	31	1,001	17.0	32	31	1,046	14.5	60	31	1,006	22.2	65	30	1,027	8.4	67
850	31	1,505	9.3	49	30	1,538	14.9	57	31	1,465	(*)	----	31	1,485	13.4	35	31	1,527	12.4	54	31	1,501	19.5	62	30	1,497	5.1	70
800	31	2,006	7.0	41	30	2,050	12.6	54	31	1,962	4.6	58	31	1,992	9.4	38	31	2,033	10.3	47	30	2,022	16.8	58	30	1,989	2.0	70
750	31	2,538	4.3	41	30	2,595	10.6	45	31	2,489	1.0	61	31	2,526	5.3	41	31	2,573	8.0	39	30	2,578	13.6	55	30	2,511	−0.4	64
700	31	3,092	1.3	42	30	3,162	8.1	34	31	3,036	−2.5	63	31	3,083	1.7	44	30	3,134	5.4	32	30	3,149	9.9	55	30	3,056	−3.4	55
650	31	3,686	−1.8	42	30	3,774	4.7	----	31	3,626	−6.3	64	31	3,677	−2.1	46	30	3,737	2.0	34	27	3,768	5.7	57	30	3,642	−6.1	48
600	31	4,318	−5.4	45	30	4,418	0.7	----	31	4,243	−9.8	63	31	4,308	−5.6	----	30	4,377	−1.5	----	24	4,415	1.5	53	30	4,262	−9.6	48
550	30	4,994	−9.5	47	30	5,114	−3.4	----	31	4,912	−14.0	61	31	4,983	−10.0	----	30	5,064	−5.6	----	22	5,114	−2.6	49	30	4,930	−13.4	48
500	30	5,726	−14.2	45	30	5,858	−8.1	----	31	5,626	−19.1	65	30	5,716	−14.7	----	30	5,805	−10.3	----	20	5,862	−7.1	----	30	5,647	−18.0	49
450	30	6,523	−19.4	46	30	6,678	−13.6	----	30	6,407	−24.9	----	30	6,508	−20.3	----	30	6,617	−15.5	----	17	6,692	−12.2	----	30	6,434	−23.5	----
400	30	7,384	−25.3	----	29	7,555	−19.8	----	30	7,245	−30.9	----	29	7,372	−26.5	----	30	7,488	−21.5	----	17	7,570	−17.9	----	30	7,278	−28.8	----
350	30	8,339	−32.5	----	29	8,531	−26.9	----	29	8,176	−37.8	----	29	8,323	−33.6	----	30	8,459	−28.3	----	15	8,554	−25.4	----	30	8,221	−35.4	----
300	30	9,408	−40.4	----	28	9,626	−34.9	----	29	9,223	−44.2	----	28	9,386	−40.7	----	30	9,545	−36.7	----	14	9,649	−34.1	----	29	9,270	−43.0	----
250	30	10,630	−48.3	----	28	10,872	−44.3	----	29	10,429	−50.0	----	27	10,603	−48.5	----	29	10,783	−45.9	----	13	10,902	−43.6	----	28	10,478	−50.2	----
200	30	12,072	−56.3	----	28	12,331	−55.5	----	21	11,858	−55.5	----	25	12,042	−55.8	----	26	12,233	−56.5	----	11	12,364	−55.0	----	25	11,910	−56.8	----
175	29	12,916	−59.2	----	28	13,169	−61.6	----	19	12,705	−57.2	----	22	12,882	−59.0	----	24	13,072	−62.0	----	10	13,203	−61.9	----	22	12,756	−57.6	----
150	25	13,881	−61.7	----	22	14,124	−67.2	----	15	13,682	−58.2	----	20	13,832	−61.5	----	21	14,017	−67.1	----	8	14,146	−68.3	----	18	13,726	−58.6	----
125	15	14,998	−63.4	----	14	15,217	−72.2	----	----	----	----	----	12	14,958	−62.2	----	10	15,162	−70.1	----	----	----	----	----	13	14,836	−59.6	----
100	6	16,294	−60.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	16,210	−59.8	----

See footnotes at end of table.

TABLE 1.—*Mean dynamic height (geopotential) in units of 0.98 dynamic meter, temperature in degrees centigrade, and relative humidity in percent, for standard pressures, as obtained by radiosondes during October 1946*—Continued

Standard pressure surface (mb.)	Merida, Mexico (1,009.2 mb.)				Miami, Fla. (1,015.0 mb.)				Nantucket, Mass. (1,017.9 mb.)				Nashville, Tenn. (998.1 mb.)				North Platte, Nebr. (915.3 mb.)				Oakland, Calif. (1,014.9 mb.)				Ogden, Utah (863.2 mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity
Surface	31	27	25.9	80	31	4	23.4	86	31	14	11.9	86	30	180	15.2	69	31	849	8.4	81	31	2	15.7	67	31	1,355	7.9	65
1,000	31	108	25.2	80	31	135	23.9	81	31	159	14.3	74	30	163	(*)	----	31	106	(*)	----	31	127	15.2	65	31	119	(*)	----
950	31	562	22.9	76	31	584	20.8	81	31	597	12.6	61	30	600	15.6	56	31	543	(*)	----	31	566	14.0	55	31	557	(*)	----
900	31	1,029	20.3	71	31	1,049	17.9	76	31	1,048	10.6	54	30	1,056	12.6	59	31	988	9.6	75	31	1,016	12.2	46	31	1,010	(*)	----
850	31	1,522	17.3	72	31	1,536	14.9	76	31	1,522	8.5	49	30	1,533	10.3	56	31	1,463	8.7	64	31	1,492	10.1	38	31	1,482	8.4	57
800	31	2,038	14.4	69	31	2,048	12.2	72	31	2,022	6.4	46	30	2,037	9.0	42	31	1,963	7.5	53	31	1,993	7.7	34	31	1,980	5.1	57
750	31	2,581	12.2	55	31	2,592	10.3	55	31	2,555	4.1	44	30	2,572	6.8	35	31	2,500	5.1	47	31	2,527	5.0	29	31	2,507	1.1	63
700	31	3,157	8.9	54	31	3,159	7.8	46	31	3,107	1.1	41	30	3,132	4.4	----	31	3,052	1.4	46	31	3,082	2.1	31	31	3,055	−2.9	67
650	31	3,767	5.6	48	31	3,768	4.5	38	31	3,704	−1.9	36	30	3,732	1.1	----	31	3,649	−2.7	51	31	3,679	−1.5	33	31	3,640	−6.8	67
600	31	4,418	1.9	42	30	4,414	0.8	----	31	4,332	−5.1	36	30	4,372	−2.7	----	31	4,275	−6.7	44	31	4,308	−5.7	35	31	4,259	−10.5	63
550	31	5,113	−2.0	41	29	5,109	−3.3	----	31	5,013	−9.0	35	29	5,058	−6.8	----	30	4,954	−11.0	38	31	4,986	−10.0	----	31	4,927	−14.5	64
500	31	5,866	−6.7	----	29	5,856	−7.9	----	31	5,743	−13.8	----	28	5,801	−11.1	----	30	5,675	−15.6	38	31	5,714	−14.6	----	31	5,640	−19.1	57
450	30	6,683	−11.9	----	29	6,674	−13.2	----	31	6,545	−19.2	----	27	6,603	−16.6	----	30	6,469	−21.2	----	28	6,520	−19.8	----	28	6,426	−24.2	----
400	30	7,573	−17.9	----	27	7,553	−19.7	----	31	7,401	−25.6	----	27	7,477	−22.6	----	30	7,321	−27.2	----	28	7,382	−26.1	----	28	7,268	−30.5	----
350	30	8,556	−25.4	----	27	8,528	−27.4	----	31	8,355	−32.8	----	26	8,443	−29.8	----	30	8,270	−33.6	----	27	8,333	−32.9	----	27	8,205	−37.4	----
300	30	9,656	−33.8	----	27	9,619	−35.4	----	31	9,419	−41.1	----	26	9,523	−37.6	----	29	9,330	−41.1	----	27	9,402	−40.0	----	26	9,253	−44.1	----
250	30	10,906	−44.0	----	26	10,859	−45.4	----	31	10,635	−49.6	----	25	10,758	−46.2	----	28	10,553	−49.0	----	27	10,625	−47.9	----	24	10,458	−49.4	----
200	30	12,364	−56.0	----	22	12,308	−57.1	----	30	12,070	−57.7	----	24	12,215	−55.2	----	27	11,996	−55.3	----	26	12,071	−55.3	----	23	11,894	−54.7	----
175	30	13,199	−62.6	----	21	13,149	−62.7	----	28	12,909	−60.1	----	18	13,071	−59.0	----	27	12,842	−57.7	----	22	12,916	−58.1	----	21	12,744	−56.8	----
150	21	14,142	−68.6	----	15	14,078	−67.8	----	24	13,873	−61.4	----	14	14,033	−62.9	----	24	13,798	−59.7	----	17	13,875	−58.6	----	19	13,715	−57.9	----
125	8	15,225	−74.2	----	9	15,135	−71.9	----	19	14,995	−64.9	----	----	----	----	----	13	14,904	−61.8	----	7	15,003	−60.7	----	10	14,861	−60.0	----
100	----	----	----	----	----	----	----	----	11	16,348	−64.3	----	----	----	----	----	5	16,330	−63.0	----	----	----	----	----	----	----	----	----

Standard pressure surface (mb.)	Oklahoma City, Okla. (969.6 mb.)				Omaha, Nebr. (977.7 mb.)				Phoenix, Ariz. (971.7 mb.)				Pittsburgh, Pa. (974.9 mb.)				Portland, Maine (1,016.0 mb.)				Rapid City, S. Dak. (900.9 mb.)				St. Paul, Minn. (987.0 mb.)			
Surface	31	391	16.8	66	31	308	13.3	75	31	339	18.5	56	31	382	13.6	67	31	20	7.5	90	31	981	4.3	----	31	225	10.6	73
1,000	31	125	(*)	----	31	117	(*)	----	31	89	(*)	----	31	167	(*)	----	31	152	11.2	76	31	116	(*)	----	31	115	(*)	----
950	31	567	17.7	62	31	554	13.2	69	31	540	22.3	39	31	606	14.1	61	31	583	11.2	64	31	543	(*)	----	31	547	10.2	66
900	31	1,027	15.5	61	31	1,004	11.9	65	31	1,002	19.2	37	31	1,055	11.6	61	31	1,031	9.3	61	31	988	(*)	----	31	992	8.1	64
850	31	1,510	13.2	59	31	1,481	9.8	61	31	1,490	15.5	39	31	1,531	8.8	59	31	1,503	7.1	55	31	1,454	3.8	----	31	1,462	6.1	62
800	31	2,019	11.3	51	31	1,983	7.4	65	31	2,000	11.6	43	31	2,030	6.3	55	31	2,000	4.8	51	31	1,945	1.8	----	31	1,957	4.0	59
750	31	2,560	8.5	50	31	2,517	4.9	60	31	2,543	7.8	41	31	2,561	3.6	54	31	2,529	2.8	46	31	2,473	0.4	----	31	2,484	1.4	59
700	31	3,124	5.5	41	31	3,073	1.9	53	31	3,102	4.7	37	31	3,115	1.2	45	31	3,081	0.2	42	31	3,016	−2.4	----	31	3,033	−1.3	55
650	31	3,728	2.1	39	31	3,669	−2.1	54	31	3,708	1.2	----	29	3,712	−1.5	40	31	3,676	−2.8	42	31	3,609	−5.6	----	31	3,627	−4.6	54
600	31	4,368	−1.8	37	31	4,298	−6.1	54	31	4,342	−2.5	----	29	4,340	−5.1	44	31	4,302	−6.2	43	31	4,224	−9.2	----	31	4,248	−8.2	50
550	31	5,054	−6.1	35	31	4,975	−10.0	50	31	5,029	−7.0	----	29	5,021	−8.9	----	31	4,978	−10.6	42	30	4,890	−13.9	----	31	4,919	−12.4	50
500	31	5,794	−10.9	38	29	5,695	−15.3	46	31	5,764	−12.2	----	29	5,750	−13.7	----	30	5,706	−14.8	----	30	5,605	−18.4	----	31	5,640	−17.4	52
450	30	6,604	−16.3	39	29	6,488	−20.6	45	31	6,572	−17.7	----	29	6,551	−19.2	----	30	6,503	−20.1	----	30	6,392	−23.5	----	31	6,429	−22.4	----
400	30	7,474	−22.4	----	29	7,344	−26.5	----	31	7,432	−24.0	----	28	7,410	−24.9	----	29	7,357	−26.2	----	29	7,241	−29.4	----	31	7,278	−28.1	----
350	30	8,441	−29.1	----	29	8,295	−33.2	----	31	8,393	−30.9	----	28	8,366	−31.9	----	29	8,309	−33.6	----	28	8,176	−35.6	----	30	8,222	−34.7	----
300	29	9,527	−37.0	----	29	9,362	−40.4	----	31	9,469	−38.6	----	28	9,437	−39.7	----	27	9,363	−41.7	----	27	9,237	−41.9	----	28	9,274	−42.2	----
250	28	10,763	−45.6	----	28	10,590	−48.1	----	31	10,697	−47.4	----	26	10,670	−48.1	----	27	10,576	−49.8	----	25	10,451	−48.4	----	25	10,489	−49.8	----
200	26	12,225	−55.3	----	26	12,045	−55.2	----	30	12,146	−56.3	----	23	12,118	−56.1	----	26	12,016	−57.4	----	17	11,916	−51.9	----	22	11,929	−55.2	----
175	23	13,060	−60.0	----	25	12,882	−58.1	----	28	12,987	−60.0	----	14	12,887	−59.0	----	24	12,860	−59.9	----	11	12,802	−54.9	----	21	12,775	−56.4	----
150	19	14,008	−64.8	----	23	13,853	−60.8	----	21	13,946	−62.9	----	9	13,781	−59.8	----	21	13,810	−60.6	----	----	----	----	----	17	13,742	−57.8	----
125	11	15,093	−67.7	----	7	14,892	−59.2	----	15	15,061	−66.7	----	5	14,922	−61.9	----	16	14,969	−62.5	----	----	----	----	----	12	14,838	−59.0	----
100	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	10	16,299	−61.3	----	----	----	----	----	5	16,233	−58.6	----

Standard pressure surface (mb.)	San Antonio, Tex. (987.2 mb.)				San Juan, P. R. (1,012.4 mb.)				Santa Maria, Calif. (1,005.6 mb.)				Sault Ste. Marie, Mich. (989.7 mb.)				Spokane, Wash. (944.9 mb.)				Swan Island, W. I. (1,010.5 mb.)				Tacubaya, Mexico (773.7 mb.)			
Surface	31	240	21.1	82	31	15	25.2	85	30	71	13.9	78	31	221	7.7	85	31	598	7.3	64	31	10	26.6	84	31	2,306	15.4	73
1,000	31	127	(*)	----	31	124	24.6	85	30	119	13.6	77	31	134	(*)	----	31	126	(*)	----	31	103	25.9	84	31	65	(*)	----
950	31	574	20.7	76	31	580	22.4	85	30	555	14.6	52	31	564	8.4	75	31	555	(*)	----	31	558	22.6	85	31	525	(*)	----
900	31	1,040	17.8	80	31	1,044	19.9	83	30	1,008	13.6	41	31	1,005	6.9	66	31	999	6.5	59	31	1,024	19.8	83	31	1,001	(*)	----
850	31	1,527	15.2	76	31	1,536	17.2	80	30	1,487	10.9	41	31	1,473	4.8	66	31	1,465	3.2	62	31	1,515	16.9	80	31	1,496	(*)	----
800	31	2,040	13.2	65	31	2,052	14.5	75	30	1,990	8.2	38	31	1,966	3.0	63	31	1,953	−0.5	66	31	2,031	14.0	79	31	2,022	(*)	----
750	31	2,585	11.6	48	31	2,599	11.6	72	30	2,525	5.4	30	31	2,491	0.8	57	31	2,471	−3.7	66	31	2,578	11.2	72	31	2,573	13.2	74
700	31	3,156	8.7	46	31	3,171	8.5	70	30	3,080	2.5	----	31	3,038	−2.2	57	31	3,008	−7.1	67	31	3,148	8.1	70	31	3,147	9.0	80
650	31	3,766	5.3	43	31	3,782	5.0	69	30	3,678	−0.8	----	31	3,628	−5.1	54	31	3,588	−10.3	62	31	3,758	4.9	67	31	3,764	4.9	84
600	31	4,414	1.3	42	31	4,430	1.2	69	30	4,310	−4.6	----	31	4,249	−8.8	52	31	4,196	−13.4	63	30	4,406	1.2	53	31	4,407	0.8	88
550	31	5,109	−2.9	41	31	5,124	−2.7	63	30	4,990	−8.9	----	31	4,923	−12.5	46	31	4,856	−17.3	59	29	5,098	−2.9	46	31	5,106	−3.1	81
500	30	5,858	−7.3	34	31	5,876	−7.0	63	29	5,716	−13.9	----	31	5,640	−16.5	43	31	5,561	−21.8	----	28	5,851	−7.3	41	31	5,853	−7.3	64
450	30	6,680	−12.6	37	30	6,697	−11.9	64	29	6,516	−19.7	----	31	6,429	−21.9	----	31	6,335	−26.8	----	28	6,671	−12.4	47	31	6,678	−11.8	48
400	28	7,559	−18.7	40	30	7,583	−17.6	56	29	7,372	−25.9	----	31	7,282	−28.0	----	31	7,169	−32.8	----	28	7,556	−18.0	----	31	7,561	−17.5	50
350	27	8,542	−25.4	----	30	8,569	−24.6	----	27	8,326	−32.4	----	31	8,227	−35.0	----	31	8,096	−39.1	----	28	8,540	−24.9	----	31	8,547	−24.5	----
300	25	9,644	−33.4	----	30	9,672	−33.0	----	26	9,395	−39.7	----	31	9,285	−42.6	----	30	9,141	−45.8	----	28	9,641	−33.5	----	31	9,650	−33.2	----
250	24	10,897	−43.2	----	30	10,929	−42.7	----	26	10,620	−47.5	----	30	10,487	−50.7	----	29	10,350	−52.2	----	28	10,894	−43.7	----	31	10,906	−43.1	----
200	20	12,359	−54.4	----	28	12,400	−54.2	----	22	12,088	−54.8	----	27	11,912	−56.4	----	21	11,784	−55.7	----	28	12,354	−56.1	----	30	12,373	−55.5	----
175	17	13,210	−59.9	----	25	13,246	−60.2	----	17	12,923	−57.3	----	24	12,752	−57.9	----	17	12,626	−55.1	----	24	13,186	−63.3	----	28	13,210	−62.4	----
150	14	14,168	−65.5	----	20	14,193	−66.2	----	11	13,900	−61.3	----	18	13,757	−59.3	----	12	13,621	−56.4	----	14	14,131	−69.7	----	20	14,149	−70.0	----
125	8	15,258	−70.6	----	----	----	----	----	8	14,986	−64.1	----	12	14,910	−59.6	----	8	14,776	−56.3	----	----	----	----	----	8	15,218	−76.2	----
100	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	7	16,202	−56.4	----	----	----	----	----	----	----	----	----

See footnotes at end of table.

TABLE 1.—*Mean dynamic height (geopotential) in units of 0.98 dynamic meter, temperature in degrees centigrade, and relative humidity in percent, for standard pressures, as obtained by radiosondes during October 1946*—Continued

Standard pressure surface (mb.)	Tampa, Fla. (1,015.5 mb.)				Tatoosh Island, Wash. (1,012.8 mb.)				Toledo, Ohio (995.6 mb.)				Washington, D. C. (1,017.1 mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity
Surface	30	9	22.2	83	30	31	9.3	88	31	191	12.4	71	29	25	14.5	76
1,000	30	143	22.0	81	30	136	9.0	82	31	153	(*)	----	29	168	15.5	67
950	30	591	19.8	78	30	566	6.9	77	31	587	14.1	60	29	606	13.5	64
900	30	1,053	16.8	80	30	1,003	4.6	72	31	1,042	11.5	58	29	1,056	10.9	62
850	30	1,538	14.0	75	30	1,467	2.3	68	31	1,518	8.8	56	29	1,532	8.7	56
800	30	2,049	12.0	62	30	1,954	0.0	64	31	2,017	6.5	48	29	2,031	6.4	48
750	30	2,593	10.0	47	30	2,476	−2.6	63	31	2,547	3.8	43	29	2,565	4.2	42
700	30	3,159	7.6	36	30	3,013	−5.6	55	31	3,102	0.9	39	29	3,117	1.5	39
650	30	3,768	4.4	34	30	3,596	−9.3	53	31	3,698	−2.4	39	29	3,713	−1.4	40
600	30	4,413	0.7	34	30	4,206	−12.6	47	31	4,326	−5.9	----	29	4,345	−5.0	----
550	30	5,106	−3.2	----	29	4,860	−16.9	49	31	5,003	−9.6	----	29	5,024	−8.9	----
500	30	5,854	−7.7	----	29	5,566	−21.4	----	31	5,734	−13.7	----	29	5,756	−13.6	----
450	29	6,671	−13.1	----	29	6,344	−26.2	----	31	6,530	−19.1	----	29	6,555	−19.0	----
400	29	7,550	−19.6	----	29	7,178	−31.5	----	31	7,394	−25.1	----	28	7,418	−24.9	----
350	29	8,257	−27.1	----	29	8,111	−38.0	----	31	8,349	−32.4	----	28	8,375	−32.0	----
300	27	9,616	−35.5	----	26	9,145	−45.2	----	29	9,426	−40.2	----	27	9,446	−40.2	----
250	27	10,860	−44.8	----	21	10,374	−51.4	----	26	10,678	−48.2	----	27	10,667	−48.7	----
200	26	12,313	−55.7	----	13	11,790	−54.0	----	19	12,156	−56.8	----	25	12,108	−57.3	----
175	25	13,150	−61.4	----	8	12,616	−53.5	----	15	13,015	−60.1	----	21	12,955	−61.1	----
150	18	14,099	−66.7	----	----	------	------	----	13	13,997	−63.8	----	18	13,918	−64.3	----
125	9	15,192	−70.7	----	----	------	------	----	7	15,116	−67.1	----	9	15,084	−68.2	----

[1] Data not yet received.

*Temperature and relative humidity data for this level are not available or are available only for certain days. See note entitled "Change in Summarization of Radiosonde Data," p. 6, in the January 1946 issue of the MONTHLY WEATHER REVIEW.

NOTE.—All observations scheduled between 0300 and 0500, G. C. T. except at Mazatlan and Merida, where they are taken near 0200 G. C. T.

"Number of observations" refers to those of dynamic height only. (In a few cases temperature or humidity data may be missing for one or more standard pressure surfaces of some observations.) Relative humidity data are not published for standard pressure surfaces having a corresponding mean temperature below −20°C.

All relative humidity observations are obtained by electric hygrometer and have been adjusted to compensate for the values occurring below the operating range of the humidity element. For explanation of the adjustment see article entitled "Curve Method for Obtaining Monthly Means of Relative Humidity," p. 241, MONTHLY WEATHER REVIEW, December 1944.

None of the means included in these tables are based on less than 15 observations at the surface or 5 observations at a standard pressure level.

LATE REPORTS FOR HAVANA, CUBA

TABLE 1.—*Mean dynamic height (geopotential) in units of 0.98 dynamic meter, temperature in degrees centigrade, and relative humidity in percent, for standard pressures, as obtained by radiosondes during October 1946*—Continued

STATIONS AND MEAN SURFACE PRESSURES

Standard Pressure Surface (mb.)	January [1] (.... mb.)				February (1,013.0 mb.)				March (1,011.2 mb.)				April (1,011.8 mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity
Surface	----	------	------	----	27	50	22.0	84	31	50	22.3	80	30	50	23.6	78
1,000	----	------	------	----	27	163	21.4	83	31	147	21.9	79	30	152	23.1	77
950	----	------	------	----	27	613	18.4	82	31	596	19.0	75	30	601	20.6	75
900	----	------	------	----	27	1,069	15.6	81	31	1,055	16.1	74	30	1,064	18.0	68
850	----	------	------	----	27	1,552	12.9	74	31	1,540	13.7	66	30	1,552	15.3	61
800	----	------	------	----	27	2,060	11.0	56	31	2,049	11.1	55	29	2,064	12.7	54
750	----	------	------	----	27	2,601	8.8	41	31	2,591	9.2	42	29	2,604	9.9	44
700	----	------	------	----	27	3,165	6.0	36	31	3,156	6.6	31	29	3,174	6.8	40
650	----	------	------	----	27	3,769	2.9	----	31	3,762	3.2	----	29	3,784	3.5	33
600	----	------	------	----	27	4,414	−0.5	----	31	4,404	−0.8	----	28	4,424	−0.2	33
550	----	------	------	----	27	5,108	−4.5	----	31	5,097	−4.8	----	27	5,119	−3.8	----
500	----	------	------	----	27	5,847	−9.4	----	31	5,837	−9.4	----	27	5,862	−7.9	----
450	----	------	------	----	26	6,660	−15.5	----	31	6,650	−15.5	----	27	6,683	−13.2	----
400	----	------	------	----	25	7,531	−22.2	----	31	7,521	−22.5	----	27	7,562	−19.6	----
350	----	------	------	----	25	8,495	−29.6	----	31	8,485	−30.3	----	25	8,541	−27.0	----
300	----	------	------	----	25	9,574	−38.3	----	31	9,560	−39.5	----	25	9,633	−35.5	----
250	----	------	------	----	24	10,802	−47.4	----	31	10,784	−47.8	----	24	10,875	−45.3	----
200	----	------	------	----	23	12,253	−55.0	----	29	12,230	−55.7	----	22	12,330	−55.6	----
175	----	------	------	----	23	13,098	−58.5	----	26	13,080	−58.8	----	21	13,175	−60.0	----
150	----	------	------	----	16	14,064	−62.8	----	17	14,051	−63.5	----	18	14,125	−63.5	----
125	----	------	------	----	12	15,168	−69.1	----	7	15,180	−66.8	----	14	15,236	−67.5	----

Standard Pressure Surface (mb.)	May (1,009.2 mb.)				June (1,011.7 mb.)				July (1,011.4 mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity
Surface	31	50	24.6	85	29	50	24.9	88	30	50	26.0	84
1,000	31	131	24.4	84	29	152	24.8	87	30	151	25.8	82
950	31	584	22.7	77	29	606	22.6	81	30	606	23.1	78
900	31	1,050	19.8	75	29	1,073	19.7	78	30	1,073	20.4	73
850	31	1,541	16.8	73	29	1,564	16.5	78	30	1,565	17.2	74
800	31	2,056	13.7	72	29	2,079	13.7	73	30	2,081	14.0	71
750	31	2,602	10.2	71	29	2,625	10.6	67	30	2,627	10.8	65
700	31	3,170	7.3	62	29	3,193	7.2	65	30	3,196	7.5	59
650	30	3,783	4.1	57	29	3,806	3.8	68	29	3,809	4.1	54
600	30	4,424	0.7	51	29	4,446	0.2	68	29	4,450	0.3	54
550	30	5,120	−3.2	48	29	5,145	−3.5	64	29	5,148	−3.5	50
500	30	5,866	−7.8	47	29	5,889	−7.8	58	29	5,893	−7.7	50
450	30	6,684	−13.0	44	28	6,712	−12.6	59	29	6,713	−13.1	51
400	30	7,567	−18.9	52	28	7,592	−18.2	59	29	7,593	−19.1	55
350	30	8,547	−26.0	----	28	8,575	−25.4	----	29	8,573	−26.1	----
300	30	9,643	−34.4	----	28	9,673	−34.1	----	29	9,669	−34.5	----
250	30	10,892	−44.2	----	28	10,922	−44.3	----	29	10,916	−44.5	----
200	29	12,348	−55.5	----	27	12,375	−56.3	----	27	12,367	−56.5	----
175	26	13,193	−60.9	----	24	13,219	−62.2	----	24	13,203	−63.1	----
150	16	14,153	−65.8	----	15	14,158	−68.2	----	17	14,138	−68.5	----
125	7	15,248	−68.0	----	8	15,220	−72.5	----	7	15,219	−71.3	----

[1] Insufficient observations.