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METEOROLOGICAL AND CLIMATOLOGICAL DATA FOR JULY 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 July 1946*

STATIONS AND MEAN SURFACE PRESSURES

Standard pressure surface (mb.)	Albany, N. Y. (1,005.5 mb.)				Albuquerque, N. Mex. (839.8 mb.)				Apalachicola, Fla. (1,016.1 mb.)				Atlanta, Ga. (982.6 mb.)				Auburn, Calif. (955.7 mb.)				Big Spring, Tex. (926.4 mb.)				Bismarck, N. Dak. (955.7 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	93	19.6	77	31	1,620	26.0	37	31	5	26.0	85	31	300	23.9	82	29	501	26.1	39	31	774	30.0	33	30	505	22.6	63
1,000	31	141	20.1	75	31	46	(*)	----	31	147	25.2	85	31	146	(*)	----	29	99	(*)	----	31	82	(*)	----	30	105	(*)	----
950	31	587	19.3	67	31	519	(*)	----	31	597	22.5	80	31	597	23.2	77	29	559	26.0	38	31	549	(*)	----	30	555	22.8	59
900	31	1,047	16.4	71	31	1,008	(*)	----	31	1,067	20.0	74	31	1,066	20.5	77	29	1,028	23.3	35	31	1,032	28.3	33	30	1,027	20.8	52
850	31	1,532	13.0	73	31	1,513	(*)	----	31	1,558	17.0	71	31	1,559	17.4	78	29	1,523	19.8	35	31	1,536	24.5	37	30	1,519	17.5	54
800	31	2,039	9.8	64	31	2,045	23.0	35	31	2,074	14.1	67	31	2,075	14.2	75	29	2,042	16.4	32	31	2,067	20.4	43	30	2,034	14.1	55
750	31	2,580	7.3	54	31	2,606	18.5	39	31	2,616	11.1	64	31	2,622	10.8	71	29	2,592	13.1	28	31	2,617	15.7	52	30	2,583	10.6	52
700	31	3,139	4.7	50	31	3,190	13.6	46	31	3,190	7.8	61	31	3,190	7.2	67	29	3,163	9.4	33	31	3,198	10.8	62	30	3,147	7.3	47
650	31	3,743	1.4	45	31	3,811	8.3	56	30	3,799	4.2	60	31	3,800	4.0	63	28	3,775	5.2	36	31	3,815	6.7	53	30	3,759	3.5	46
600	30	4,379	−2.0	----	31	4,464	2.8	68	30	4,445	0.6	56	31	4,444	0.7	53	28	4,423	1.1	35	31	4,465	2.9	46	30	4,399	−0.6	45
550	30	5,067	−5.9	----	31	5,163	−2.5	73	30	5,140	−3.3	54	31	5,141	−3.1	48	28	5,115	−3.5	38	30	5,164	−1.5	38	30	5,093	−5.0	39
500	30	5,806	−10.3	----	31	5,912	−7.6	73	29	5,887	−7.6	51	30	5,888	−7.5	53	28	5,862	−8.5	36	29	5,917	−6.3	36	30	5,832	−9.6	35
450	30	6,618	−15.5	----	31	6,733	−12.5	64	29	6,706	−12.3	49	30	6,713	−12.6	54	28	6,680	−13.8	----	28	6,742	−11.3	----	30	6,652	−14.8	----
400	30	7,489	−21.6	----	30	7,618	−18.1	49	28	7,591	−18.2	50	30	7,592	−18.0	48	28	7,556	−20.3	----	28	7,628	−17.3	----	28	7,524	−21.2	----
350	30	8,458	−29.0	----	30	8,602	−25.1	----	28	8,574	−25.3	----	30	8,575	−25.3	----	28	8,530	−28.0	----	28	8,614	−24.3	----	28	8,495	−28.4	----
300	29	9,544	−37.2	----	30	9,703	−33.6	----	28	9,673	−33.5	----	30	9,674	−33.7	----	28	9,617	−36.4	----	27	9,717	−32.9	----	28	9,583	−36.3	----
250	29	10,778	−46.8	----	30	10,956	−43.7	----	28	10,926	−43.7	----	29	10,926	−43.8	----	28	10,851	−46.0	----	25	10,979	−42.2	----	28	10,825	−44.8	----
200	29	12,225	−55.8	----	27	12,421	−54.8	----	28	12,385	−55.5	----	29	12,386	−55.2	----	27	12,300	−54.8	----	24	12,454	−52.6	----	27	12,292	−52.5	----
175	27	13,068	−58.1	----	23	13,270	−58.3	----	26	13,224	−61.8	----	28	13,224	−61.0	----	23	13,150	−58.4	----	21	13,297	−57.9	----	23	13,163	−54.6	----
150	26	14,030	−60.2	----	12	14,214	−64.4	----	24	14,165	−67.5	----	25	14,169	−65.6	----	19	14,116	−61.4	----	14	14,259	−63.0	----	18	14,150	−57.7	----
125	23	15,160	−61.5	----	----	----	----	----	13	15,251	−69.9	----	15	15,269	−67.3	----	10	15,244	−64.8	----	----	----	----	----	9	15,266	−59.3	----
100	15	16,529	−61.5	----	----	----	----	----	9	16,576	−70.0	----	10	16,613	−66.4	----	----	----	----	----	----	----	----	----	----	----	----	----
80	6	17,895	−59.7	----	----	----	----	----	5	17,909	−68.3	----	5	17,978	−64.1	----	----	----	----	----	----	----	----	----	----	----	----	----

Standard pressure surface (mb.)	Boise, Idaho (913.3 mb.)				Brownsville, Tex. (1,013.4 mb.)				Buffalo, N. Y. (991.8 mb.)				Burrwood, La. (1,015.8 mb.)				Caribou, Maine (992.8 mb.)				Charleston, S. C. (1,015.4 mb.)				Ciudad Victoria, Mexico (973.5 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	868	27.5	32	31	6	27.8	80	31	221	19.4	73	30	2	26.5	86	31	191	15.6	80	31	14	23.8	92	31	335	30.6	46
1,000	31	55	(*)	----	31	124	26.8	81	31	147	(*)	----	30	141	25.5	85	31	129	(*)	----	31	148	24.3	89	31	92	(*)	----
950	31	522	(*)	----	31	583	23.9	77	31	594	18.9	63	30	594	22.4	80	31	568	16.2	66	31	601	22.6	81	31	553	28.9	48
900	31	997	28.4	24	31	1,050	22.6	55	31	1,053	16.1	64	30	1,061	19.6	75	31	1,025	13.5	66	31	1,068	19.9	77	31	1,031	24.9	51
850	31	1,501	24.6	25	31	1,546	20.4	45	31	1,537	12.8	66	30	1,552	16.7	71	31	1,504	10.4	69	31	1,560	17.1	73	31	1,529	20.7	56
800	31	2,026	20.0	28	31	2,067	17.2	43	31	2,044	10.1	56	30	2,067	13.8	63	31	2,006	7.3	69	31	2,076	14.3	70	31	2,050	16.7	60
750	31	2,580	15.3	33	31	2,614	13.5	43	31	2,585	7.3	47	30	2,614	10.7	58	31	2,543	4.7	61	31	2,625	11.4	68	31	2,600	12.7	61
700	31	3,157	10.3	38	31	3,191	9.6	46	31	3,144	4.5	42	30	3,182	7.5	56	30	3,096	2.1	61	31	3,193	8.0	70	31	3,173	9.2	50
650	31	3,773	5.4	41	31	3,804	5.7	45	31	3,748	1.4	36	30	3,793	4.1	51	30	3,694	−1.2	58	31	3,805	4.5	65	31	3,788	5.3	50
600	31	4,417	0.4	46	31	4,452	1.7	44	31	4,385	−2.2	36	30	4,439	0.2	51	29	4,327	−4.7	54	31	4,451	1.0	64	31	4,433	1.3	50
550	31	5,111	−4.8	47	31	5,150	−2.5	42	31	5,073	−6.2	40	30	5,167	−3.6	54	28	5,009	−8.4	----	31	5,145	−3.1	62	31	5,128	−2.5	48
500	31	5,853	−9.8	43	31	5,898	−7.0	41	31	5,811	−10.7	----	30	5,880	−8.0	49	28	5,740	−12.8	----	31	5,895	−7.2	56	31	5,879	−6.9	47
450	31	6,666	−15.4	----	30	6,722	−11.9	41	31	6,621	−15.9	----	30	6,701	−12.9	41	26	6,548	−17.9	----	31	6,718	−11.9	54	31	6,702	−11.8	45
400	31	7,538	−21.3	----	30	7,606	−17.6	39	31	7,492	−21.9	----	30	7,582	−18.6	43	26	7,410	−24.0	----	31	7,603	−17.8	58	31	7,586	−17.4	47
350	31	8,508	−28.8	----	30	8,591	−24.8	----	30	8,458	−29.1	----	28	8,563	−25.5	----	26	8,370	−31.1	----	31	8,588	−24.8	----	31	8,570	−24.8	----
300	30	9,593	−37.2	----	30	9,693	−33.2	----	29	9,534	−37.0	----	28	9,662	−33.8	----	24	9,453	−38.9	----	30	9,688	−33.3	----	31	9,668	−33.2	----
250	30	10,829	−46.2	----	29	10,949	−43.1	----	27	10,778	−46.3	----	28	10,915	−43.4	----	24	10,679	−47.6	----	30	10,942	−43.5	----	31	10,925	−43.0	----
200	29	12,279	−54.4	----	29	12,414	−54.5	----	25	12,230	−55.1	----	28	12,379	−54.8	----	23	12,125	−55.1	----	30	12,402	−55.5	----	31	12,389	−54.9	----
175	28	13,132	−57.5	----	27	13,254	−61.0	----	24	13,084	−58.8	----	25	13,221	−60.8	----	23	12,978	−56.8	----	28	13,243	−61.2	----	31	13,229	−60.8	----
150	22	14,085	−59.6	----	25	14,200	−66.7	----	22	14,047	−60.8	----	16	14,154	−65.7	----	22	13,946	−58.1	----	24	14,197	−66.7	----	28	14,181	−65.6	----
125	12	15,207	−61.6	----	11	15,296	−71.1	----	20	15,178	−61.6	----	7	15,277	−68.7	----	20	15,084	−58.1	----	20	15,294	−68.7	----	17	15,275	−60.9	----
100	----	----	----	----	----	----	----	----	9	16,567	−61.4	----	----	----	----	----	14	16,482	−58.4	----	9	16,646	−68.8	----	8	16,615	−71.6	----
80	----	----	----	----	----	----	----	----	7	17,976	−61.5	----	----	----	----	----	12	17,893	−58.4	----	----	----	----	----	----	----	----	----

See footnotes at end of table.

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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 July 1946*—Continued

Standard pressure surface (mb.)	Columbia, Mo. (987.6 mb.)				Dodge City, Kans. (925.1 mb.)				El Paso, Tex. (881.7 mb.)				Ely, Nev. (811.2 mb.)				Fort Worth, Tex. (989.3 mb.)				Glasgow, Mont. (938.3 mb.)				Grand Junction, Colo. (853.1 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	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	25.5	61	31	787	27.5	39	31	1,195	28.7	33	31	1,908	21.4	37	31	211	29.9	51	30	648	24.4	47	30	1,474	26.6	30
1,000	31	128	(*)	----	31	85	(*)	----	31	58	(*)	----	31	43	(*)	----	31	115	(*)	----	30	82	(*)	----	30	41	(*)	----
950	31	586	25.0	53	31	551	(*)	----	31	529	(*)	----	31	514	(*)	----	31	580	28.4	50	30	542	(*)	----	30	517	(*)	----
900	31	1,054	22.2	55	31	1,030	27.6	37	31	1,015	(*)	----	31	997	(*)	----	31	1,052	25.1	52	30	1,012	23.1	41	30	1,001	(*)	----
850	31	1,548	18.7	58	31	1,534	24.2	38	31	1,521	27.1	32	31	1,497	(*)	----	31	1,551	21.2	55	30	1,508	19.8	42	30	1,506	26.8	30
800	31	2,066	15.5	57	31	2,061	20.5	40	31	2,052	22.8	35	31	2,029	22.6	33	31	2,074	17.5	54	30	2,026	15.6	47	30	2,039	24.1	27
750	31	2,615	12.5	52	31	2,614	16.2	45	31	2,612	18.1	41	31	2,590	18.5	32	31	2,620	13.6	50	30	2,576	11.2	51	30	2,599	19.4	30
700	31	3,186	9.0	50	31	3,197	11.5	50	31	3,195	13.0	47	31	3,173	13.5	36	30	3,199	10.2	38	30	3,142	6.7	52	30	3,186	14.4	35
650	31	3,800	5.4	48	31	3,812	6.9	52	31	3,815	7.6	56	31	3,794	8.2	42	29	3,808	6.5	29	30	3,749	2.6	48	30	3,803	9.0	42
600	31	4,447	1.5	45	31	4,464	2.2	51	31	4,467	2.6	61	31	4,447	2.6	51	29	4,462	2.5	----	30	4,389	−1.4	43	30	4,463	3.1	52
550	31	5,142	−2.6	44	31	5,163	−2.5	48	31	5,166	−2.4	61	31	5,144	−3.1	62	28	5,160	−1.8	----	30	5,075	−5.5	39	30	5,161	−2.8	61
500	31	5,892	−7.1	----	31	5,910	−7.4	43	31	5,916	−7.3	57	30	5,893	−8.4	57	28	5,910	−6.2	----	29	5,817	−10.7	41	29	5,910	−8.1	61
450	31	6,714	−12.0	----	31	6,735	−12.4	37	29	6,739	−12.0	43	30	6,710	−13.3	46	27	6,736	−11.4	----	29	6,624	−16.0	42	29	6,733	−13.1	50
400	31	7,598	−18.1	----	31	7,614	−18.3	----	29	7,622	−17.7	39	30	7,590	−19.7	----	26	7,625	−17.1	----	28	7,499	−21.9	----	29	7,609	−18.8	43
350	31	8,582	−24.8	----	29	8,595	−25.5	----	28	8,607	−25.1	----	30	8,567	−26.8	----	25	8,611	−24.1	----	27	8,465	−29.0	----	29	8,590	−26.1	----
300	30	9,685	−32.9	----	29	9,693	−34.2	----	28	9,708	−33.6	----	30	9,661	−35.0	----	24	9,716	−32.4	----	25	9,542	−37.4	----	29	9,685	−34.8	----
250	29	10,941	−42.6	----	28	10,939	−44.3	----	28	10,961	−43.7	----	30	10,908	−44.2	----	20	10,978	−41.8	----	25	10,777	−46.3	----	29	10,930	−44.5	----
200	28	12,415	−52.3	----	27	12,396	−55.0	----	27	12,422	−55.0	----	29	12,376	−53.6	----	19	12,453	−52.2	----	25	12,230	−54.2	----	29	12,389	−54.6	----
175	27	13,234	−57.2	----	27	13,238	−60.5	----	26	13,263	−60.9	----	29	13,224	−58.7	----	18	13,313	−57.5	----	21	13,082	−55.4	----	28	13,236	−59.8	----
150	21	14,222	−60.9	----	22	14,193	−65.3	----	24	14,204	−66.3	----	28	14,180	−63.3	----	13	14,268	−62.8	----	15	14,066	−57.3	----	21	14,182	−63.6	----
125	8	15,313	−63.5	----	11	15,306	−70.0	----	12	15,297	−71.1	----	17	15,280	−64.9	----	8	15,366	−66.3	----	6	15,196	−59.8	----	11	15,303	−67.4	----
100	----	----	----	----	----	----	----	----	----	----	----	----	5	16,619	−64.4	----	----	----	----	----	----	----	----	----	5	16,628	−68.2	----

Standard pressure surface (mb.)	Great Falls, Mont. (887.8 mb.)				Greensboro, N. C. (986.4 mb.)				Hatteras, N. C. (1,017.2 mb.)				Havana, Cuba[1] (---- mb.)				Honolulu, T. H.[2] (---- mb.)				Huntington, W. Va. (997.0 mb.)				International Falls, Minn. (975.2 mb.)			
Surface	31	1,128	21.7	47	31	273	22.2	81	31	3	23.9	89	----	----	----	----	----	----	----	----	30	172	20.0	93	28	343	18.6	74
1,000	31	77	(*)	----	31	154	(*)	----	31	153	23.1	86	----	----	----	----	----	----	----	----	30	144	(*)	----	28	130	(*)	----
950	31	537	(*)	----	31	602	21.7	75	31	602	20.7	80	----	----	----	----	----	----	----	----	30	596	21.6	70	28	576	19.5	62
900	31	1,011	(*)	----	31	1,069	18.9	77	31	1,067	18.4	70	----	----	----	----	----	----	----	----	30	1,060	18.5	71	28	1,038	16.1	66
850	31	1,505	20.1	40	31	1,559	15.9	78	31	1,555	15.8	69	----	----	----	----	----	----	----	----	30	1,548	15.3	73	28	1,521	12.5	72
800	31	2,024	16.5	41	31	2,073	12.9	75	31	2,068	13.1	63	----	----	----	----	----	----	----	----	30	2,060	12.4	65	28	2,028	9.4	67
750	31	2,575	12.5	43	31	2,614	10.0	68	31	2,611	10.5	60	----	----	----	----	----	----	----	----	30	2,603	9.8	57	28	2,568	7.0	51
700	31	3,144	7.9	49	31	3,184	6.9	65	30	3,180	7.7	56	----	----	----	----	----	----	----	----	30	3,169	6.7	55	28	3,126	4.4	37
650	31	3,751	3.0	54	31	3,793	3.8	58	29	3,790	4.1	55	----	----	----	----	----	----	----	----	28	3,775	3.1	54	28	3,725	1.0	35
600	31	4,394	−1.4	53	31	4,437	0.1	54	28	4,435	0.5	55	----	----	----	----	----	----	----	----	28	4,419	−0.4	50	28	4,365	−2.7	----
550	31	5,079	−5.8	48	30	5,127	−4.2	50	28	5,129	−3.3	51	----	----	----	----	----	----	----	----	28	5,106	−4.4	46	28	5,048	−7.2	----
500	31	5,822	−10.7	46	30	5,876	−8.4	46	28	5,876	−7.8	46	----	----	----	----	----	----	----	----	28	5,855	−8.8	41	28	5,786	−12.0	----
450	31	6,632	−16.3	47	30	6,690	−13.5	46	28	6,700	−12.9	47	----	----	----	----	----	----	----	----	28	6,671	−13.8	----	28	6,590	−17.1	----
400	31	7,501	−22.5	----	30	7,573	−19.5	----	27	7,576	−18.7	49	----	----	----	----	----	----	----	----	28	7,549	−19.7	----	28	7,458	−22.9	----
350	31	8,468	−29.5	----	30	8,550	−26.8	----	27	8,557	−25.7	----	----	----	----	----	----	----	----	----	28	8,526	−26.8	----	27	8,420	−30.3	----
300	31	9,548	−38.0	----	29	9,646	−35.0	----	26	9,655	−33.9	----	----	----	----	----	----	----	----	----	28	9,620	−35.0	----	26	9,509	−38.0	----
250	30	10,781	−46.9	----	29	10,892	−45.0	----	23	10,902	−43.7	----	----	----	----	----	----	----	----	----	27	10,873	−44.2	----	26	10,741	−46.5	----
200	30	12,230	−55.1	----	28	12,252	−55.7	----	20	12,373	−53.9	----	----	----	----	----	----	----	----	----	26	12,339	−54.1	----	25	12,194	−53.1	----
175	28	13,080	−56.6	----	23	13,189	−60.2	----	17	13,214	−58.8	----	----	----	----	----	----	----	----	----	23	13,195	−58.9	----	23	13,052	−55.2	----
150	26	14,050	−58.2	----	19	14,145	−63.9	----	15	14,171	−62.9	----	----	----	----	----	----	----	----	----	16	14,162	−62.4	----	22	14,028	−57.2	----
125	20	15,197	−59.7	----	12	15,251	−66.4	----	10	15,278	−65.1	----	----	----	----	----	----	----	----	----	11	15,283	−66.4	----	19	15,170	−58.1	----
100	18	16,589	−59.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	10	16,569	−57.9	----
80	7	17,972	−59.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6	17,988	−57.1	----

Standard pressure surface (mb.)	Joliet, Ill. (995.9 mb.)				Lake Charles, La. (1,014.7 mb.)				Lander, Wyo. (831.5 mb.)				Las Vegas, Nev. (944.3 mb.)				Little Rock, Ark. (1,005.9 mb.)				Mazatlan, Mexico (1,005.6 mb.)				Medford, Oreg. (967.7 mb.)			
Surface	31	178	21.3	73	31	5	26.0	88	30	1,696	22.2	39	31	574	33.9	24	31	79	25.5	82	29	79	28.8	77	31	491	27.4	35
1,000	31	142	(*)	----	31	134	25.5	84	30	53	(*)	----	31	50	(*)	----	31	132	25.5	80	29	106	28.2	77	31	109	(*)	----
950	31	590	21.8	60	31	593	23.4	78	30	523	(*)	----	31	521	(*)	----	31	585	24.0	72	29	566	25.1	71	31	569	25.9	37
900	31	1,057	19.1	63	31	1,058	20.6	74	30	1,004	(*)	----	31	1,005	31.0	24	31	1,056	21.0	72	29	1,035	22.9	65	31	1,036	21.7	42
850	31	1,546	15.6	69	31	1,551	17.9	70	30	1,504	(*)	----	31	1,512	26.6	26	31	1,549	17.8	72	29	1,531	20.1	64	31	1,527	17.3	47
800	31	2,059	12.7	61	31	2,068	14.9	64	30	2,032	21.9	33	31	2,042	22.0	30	31	2,066	14.5	69	29	2,053	17.1	62	31	2,041	13.1	52
750	31	2,601	9.8	58	31	2,621	11.8	62	30	2,589	17.4	36	31	2,597	17.0	35	31	2,610	11.2	63	29	2,605	14.1	60	31	2,586	9.6	50
700	31	3,169	6.4	59	31	3,188	8.5	60	30	3,172	12.6	41	31	3,180	11.8	42	30	3,176	7.8	52	29	3,181	10.4	63	31	3,150	6.5	41
650	30	3,776	3.1	54	31	3,804	5.0	55	30	3,791	7.5	48	31	3,797	6.6	46	29	3,897	4.9	43	29	3,799	6.1	66	31	3,756	2.6	40
600	30	4,419	−0.5	53	31	4,446	1.2	55	30	4,443	2.2	57	31	4,446	1.6	48	28	4,440	1.5	40	28	4,458	1.8	69	31	4,396	−1.4	36
550	30	5,110	−4.4	47	31	5,148	−2.6	52	30	5,138	−3.2	63	31	5,142	−2.9	47	28	5,136	−2.7	----	28	5,145	−2.8	71	31	5,085	−5.9	40
500	30	5,856	−8.4	----	31	5,891	−7.0	54	30	5,888	−8.5	57	31	5,890	−7.9	45	28	5,886	−7.1	----	27	5,894	−7.2	70	31	5,823	−10.9	39
450	30	6,669	−13.6	----	30	6,717	−12.1	52	30	6,704	−13.9	50	31	6,708	−13.6	----	28	6,708	−12.5	----	27	6,713	−12.2	64	31	6,630	−16.6	44
400	29	7,549	−19.9	----	30	7,597	−17.8	50	30	7,581	−20.0	46	31	7,586	−19.8	----	28	7,589	−18.2	----	27	7,602	−17.8	59	31	7,499	−22.8	----
350	29	8,526	−27.2	----	30	8,582	−24.5	----	30	8,556	−27.5	----	31	8,564	−27.1	----	28	8,573	−24.9	----	24	8,586	−24.8	----	31	8,463	−30.2	----
300	29	9,617	−35.4	----	30	9,684	−33.1	----	30	9,646	−36.2	----	31	9,657	−35.2	----	26	9,677	−33.0	----	24	9,689	−33.2	----	30	9,543	−38.6	----
250	29	10,862	−44.5	----	30	10,938	−43.3	----	30	10,885	−46.1	----	31	10,901	−44.8	----	25	10,930	−42.6	----	24	10,943	−43.5	----	29	10,764	−47.7	----
200	29	12,325	−53.9	----	30	12,402	−55.2	----	30	12,338	−55.5	----	30	12,357	−54.7	----	24	12,399	−53.8	----	22	12,403	−55.5	----	29	12,209	−54.7	----
175	29	13,174	−57.9	----	30	13,242	−61.3	----	30	13,180	−59.7	----	26	13,196	−59.5	----	21	13,246	−59.1	----	18	13,242	−61.5	----	29	13,058	−57.3	----
150	28	14,134	−61.0	----	28	14,187	−66.0	----	27	14,134	−62.5	----	15	14,143	−62.8	----	19	14,197	−64.3	----	6	14,207	−66.7	----	26	14,023	−59.2	----
125	24	15,265	−63.7	----	16	15,285	−69.0	----	19	15,244	−63.9	----	8	15,247	−65.6	----	11	15,294	−68.0	----	----	----	----	----	23	15,157	−60.0	----
100	17	16,612	−64.8	----	----	----	----	----	9	16,598	−63.4	----	----	----	----	----	----	----	----	----	----	----	----	----	12	16,552	−61.5	----
80	16	17,976	−62.2	----	----	----	----	----	6	17,978	−62.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

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 July 1946*—Continued

Standard pressure surface (mb.)	Merida, Mexico (1,011.3 mb.)				Miami, Fla. (1,018.8 mb.)				Nantucket, Mass. (1,016.0 mb.)				Nashville, Tenn. (997.3 mb.)				North Platte, Nebr. (916.8 mb.)				Oakland, Calif. (1,016.6 mb.)				Ogden, Utah (862.3 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	27	27.5	74	31	4	24.7	88	31	14	16.8	95	30	180	24.7	77	31	849	23.8	63	31	2	17.7	73	31	1,355	26.1	34
1,000	31	136	26.5	75	31	160	25.3	81	31	156	18.3	84	30	139	(*)	----	31	97	(*)	----	31	127	16.4	75	31	45	(*)	----
950	31	587	24.3	71	31	611	22.4	80	31	599	18.6	65	30	590	23.4	70	31	557	(*)	----	31	575	17.4	60	31	515	(*)	----
900	31	1,062	21.3	70	31	1,080	19.5	78	31	1,060	16.7	57	30	1,060	20.6	72	31	1,029	24.8	53	31	1,028	20.9	33	31	999	(*)	----
850	31	1,556	17.9	73	31	1,571	16.6	73	31	1,545	14.0	58	30	1,552	17.3	76	31	1,529	21.8	52	31	1,521	20.1	27	31	1,503	26.6	29
800	31	2,072	14.3	72	31	2,086	13.7	70	31	2,054	11.5	50	30	2,068	14.3	71	31	2,053	18.6	53	31	2,040	17.3	26	31	2,034	22.6	29
750	31	2,616	11.3	65	31	2,631	10.6	64	31	2,597	8.9	44	30	2,614	11.2	69	31	2,606	14.9	53	31	2,591	14.3	23	31	2,593	17.9	33
700	31	3,189	8.0	57	31	3,200	7.4	60	31	3,159	6.2	38	30	3,185	8.1	61	31	3,184	10.8	54	31	3,165	10.7	25	31	3,176	12.9	37
650	31	3,800	4.7	55	30	3,811	3.9	57	30	3,766	3.0	36	30	3,796	4.7	59	31	3,800	6.5	49	31	3,779	6.9	26	31	3,795	7.9	41
600	31	4,446	1.1	53	30	4,454	0.4	56	28	4,406	−0.8	31	30	4,442	1.2	55	31	4,449	2.0	44	31	4,431	2.5	27	31	4,447	2.5	49
550	30	5,141	−3.2	51	30	5,150	−3.6	57	27	5,095	−4.8	----	30	5,137	−2.6	47	31	5,149	−3.0	50	30	5,126	−2.2	----	31	5,140	−3.2	54
500	30	5,889	−8.1	51	30	5,895	−8.1	58	27	5,837	−9.5	----	30	5,887	−7.1	42	30	5,893	−8.0	46	30	5,876	−7.3	----	31	5,890	−8.7	51
450	30	6,710	−13.1	55	30	6,712	−13.1	56	26	6,649	−15.0	----	30	6,711	−12.2	42	30	6,716	−13.2	42	30	6,692	−13.1	----	31	6,704	−14.2	45
400	29	7,589	−18.9	56	29	7,596	−18.8	55	25	7,520	−21.3	----	30	7,594	−17.9	44	30	7,593	−19.0	----	28	7,577	−19.6	----	31	7,581	−20.4	45
350	29	8,570	−26.0	----	26	8,577	−26.0	----	25	8,490	−28.8	----	29	8,579	−24.7	----	30	8,573	−25.8	----	27	8,553	−27.2	----	31	8,555	−27.5	----
300	29	9,666	−34.6	----	26	9,674	−34.5	----	25	9,574	−37.3	----	29	9,682	−32.8	----	30	9,672	−33.8	----	27	9,645	−35.5	----	31	9,645	−35.9	----
250	29	10,913	−44.9	----	25	10,922	−44.7	----	24	10,807	−47.2	----	29	10,940	−42.4	----	29	10,926	−43.7	----	26	10,895	−43.7	----	29	10,889	−45.3	----
200	27	12,365	−56.6	----	23	12,378	−56.6	----	24	12,250	−56.1	----	25	12,420	−52.9	----	28	12,393	−54.0	----	24	12,374	−51.7	----	29	12,344	−54.8	----
175	21	13,205	−62.6	----	19	13,216	−63.1	----	24	13,092	−59.3	----	24	13,267	−58.4	----	28	13,239	−59.0	----	22	13,229	−55.7	----	29	13,189	−59.0	----
150	11	14,134	−69.3	----	17	14,143	−69.8	----	23	14,052	−60.4	----	18	14,234	−62.0	----	22	14,202	−63.1	----	17	14,207	−59.4	----	24	14,152	−62.4	----
125	----	----	----	----	6	15,228	−71.7	----	19	15,182	−61.7	----	10	15,360	−65.3	----	12	15,317	−66.3	----	6	15,335	−61.5	----	16	15,272	−64.3	----
100	----	----	----	----	----	----	----	----	13	16,561	−61.7	----	----	----	----	----	----	----	----	----	----	----	----	----	8	16,633	−65.0	----
80	----	----	----	----	----	----	----	----	10	17,960	−59.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Standard pressure surface (mb.)	Oklahoma City, Okla. (968.9 mb.)				Omaha, Nebr. (979.3 mb.)				Phoenix, Ariz. (969.7 mb.)				Pittsburgh, Pa. (973.6 mb.)				Portland, Maine (1,014.7 mb.)				Rapid City, S. Dak. (904.7 mb.)				St. Paul, Minn. (980.5 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	391	27.5	60	30	308	25.2	69	31	339	33.9	36	30	382	22.0	66	31	20	16.2	84	31	981	21.7	68	31	225	22.5	70
1,000	31	108	(*)	----	30	123	(*)	----	31	59	(*)	----	30	146	(*)	----	31	144	18.3	76	31	97	(*)	----	31	132	(*)	----
950	31	569	28.6	51	30	579	23.8	63	31	526	34.7	31	30	600	21.3	63	31	588	17.9	67	31	556	(*)	----	31	585	21.0	64
900	31	1,045	25.1	51	30	1,046	21.5	60	31	1,012	30.8	33	30	1,062	18.4	62	31	1,047	15.6	68	31	1,026	22.3	62	31	1,046	17.6	67
850	31	1,544	21.6	51	30	1,540	18.7	59	31	1,520	26.4	36	30	1,549	15.0	65	31	1,530	12.7	69	31	1,524	20.9	52	31	1,532	14.5	65
800	31	2,067	18.1	47	30	2,059	16.1	53	31	2,051	21.8	41	30	2,059	11.5	62	31	2,036	9.6	68	31	2,045	17.1	54	31	2,043	11.8	59
750	31	2,620	14.2	47	30	2,609	12.9	50	31	2,608	17.0	46	30	2,605	9.3	50	31	2,575	6.9	55	31	2,595	13.7	53	31	2,585	8.9	53
700	31	3,196	10.2	41	30	3,182	9.5	53	31	3,190	12.0	52	30	3,166	6.4	48	31	3,134	4.3	49	31	3,170	9.6	52	31	3,149	5.8	47
650	31	3,814	6.3	37	30	3,796	5.7	52	31	3,810	7.2	55	30	3,776	2.9	49	31	3,736	1.3	45	31	3,784	4.9	54	30	3,756	2.4	46
600	30	4,461	2.4	37	30	4,444	1.4	46	31	4,459	2.5	57	29	4,415	−0.6	45	31	4,375	−2.1	41	31	4,428	0.6	49	30	4,396	−1.4	43
550	30	5,162	−1.9	38	30	5,139	−2.8	44	31	5,159	−2.4	56	29	5,106	−4.5	40	31	5,061	−6.2	----	30	5,122	−4.1	44	30	5,082	−5.4	40
500	30	5,910	−6.5	35	29	5,890	−7.4	38	31	5,908	−7.0	53	29	5,850	−8.6	----	31	5,801	−10.7	----	30	5,865	−9.0	40	30	5,826	−9.9	39
450	30	6,739	−11.7	32	29	6,713	−12.8	----	31	6,732	−11.8	48	29	6,669	−14.1	----	31	6,611	−16.1	----	30	6,680	−14.5	----	30	6,637	−15.3	40
400	30	7,620	−17.6	----	29	7,592	−18.9	----	31	7,616	−17.9	50	28	7,542	−20.4	----	31	7,480	−22.3	----	29	7,555	−20.6	----	30	7,512	−21.6	----
350	30	8,605	−24.8	----	29	8,574	−25.4	----	31	8,600	−25.2	----	28	8,517	−27.3	----	31	8,447	−29.5	----	29	8,529	−27.5	----	30	8,482	−28.6	----
300	30	9,708	−33.4	----	28	9,680	−33.5	----	31	9,700	−34.0	----	28	9,610	−35.1	----	31	9,528	−37.7	----	28	9,620	−35.8	----	30	9,568	−36.7	----
250	30	10,962	−43.0	----	28	10,934	−43.0	----	29	10,951	−43.9	----	28	10,856	−44.4	----	29	10,762	−47.3	----	28	10,863	−44.6	----	29	10,805	−45.7	----
200	30	12,432	−53.6	----	27	12,402	−53.3	----	29	12,414	−54.8	----	28	12,317	−54.2	----	27	12,208	−56.2	----	27	12,328	−53.5	----	28	12,265	−53.7	----
175	30	13,279	−59.0	----	27	13,252	−58.0	----	28	13,256	−60.5	----	26	13,163	−58.5	----	25	13,054	−59.1	----	24	13,180	−57.9	----	28	13,116	−56.9	----
150	25	14,231	−63.8	----	25	14,215	−59.9	----	24	14,202	−65.7	----	21	14,124	−61.1	----	24	14,017	−60.1	----	21	14,142	−61.5	----	25	14,091	−59.9	----
125	19	15,326	−67.7	----	19	15,317	−65.6	----	14	15,297	−69.6	----	17	15,242	−62.4	----	17	15,132	−60.2	----	14	15,271	−62.9	----	23	15,232	−62.2	----
100	10	16,649	−68.2	----	7	16,646	−66.1	----	6	16,602	−71.6	----	7	16,584	−61.6	----	9	16,525	−59.3	----	----	----	----	----	15	16,581	−62.0	----
80	----	----	----	----	----	----	----	----	----	----	----	----	5	17,947	−59.8	----	----	----	----	----	----	----	----	----	5	17,983	−58.7	----

Standard pressure surface (mb.)	San Antonio, Tex. (986.2 mb.)				San Juan, P. R. (1,017.2 mb.)				Santa Maria, Calif. (1,006.3 mb.)				Sault Ste. Marie, Mich. (991.0 mb.)				Spokane, Wash. (944.4 mb.)				Swan Island, W. I.[1] (- - - mb.)				Tacubaya, Mexico (775.4 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	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	240	28.5	61	28	15	26.3	80	31	71	15.6	81	31	221	14.7	85	31	598	25.7	32	----	----	----	----	31	2,306	16.1	69
1,000	31	116	(*)	----	28	166	25.1	81	31	124	14.4	82	31	143	(*)	----	31	91	(*)	----	----	----	----	----	31	77	(*)	----
950	31	576	26.7	60	28	619	21.5	83	31	573	17.9	65	31	585	17.2	68	31	547	(*)	----	----	----	----	----	31	540	(*)	----
900	31	1,049	23.7	62	28	1,083	18.3	81	31	1,027	22.4	33	31	1,042	15.0	68	31	1,019	22.4	34	----	----	----	----	31	1,015	(*)	----
850	31	1,546	20.3	65	28	1,572	15.5	73	31	1,523	20.9	32	31	1,524	11.8	70	31	1,512	17.9	39	----	----	----	----	31	1,511	(*)	----
800	31	2,067	16.8	63	28	2,085	13.6	57	31	2,044	17.5	31	31	2,029	8.9	64	31	2,026	13.1	45	----	----	----	----	31	2,044	(*)	----
750	31	2,616	13.5	52	28	2,629	10.9	49	31	2,593	13.7	34	31	2,568	6.3	54	31	2,569	8.6	47	----	----	----	----	31	2,591	13.8	70
700	31	3,193	10.0	49	28	3,199	7.5	46	31	3,169	10.0	34	31	3,124	3.5	51	31	3,130	4.7	41	----	----	----	----	31	3,167	9.4	74
650	31	3,806	6.3	43	28	3,808	3.9	40	31	3,781	6.0	33	30	3,726	0.7	44	31	3,734	1.2	33	----	----	----	----	31	3,783	5.0	80
600	31	4,470	2.6	39	26	4,453	0.1	35	31	4,430	2.0	----	30	4,361	−2.8	41	31	4,369	−2.8	36	----	----	----	----	29	4,428	0.5	85
550	31	5,159	−1.6	34	26	5,149	−3.8	----	31	5,125	−2.6	----	30	5,048	−7.1	----	31	5,053	−7.0	35	----	----	----	----	29	5,126	−3.9	84
500	29	5,909	−6.0	28	26	5,891	−7.7	----	30	5,874	−7.8	----	30	5,783	−11.5	----	31	5,789	−12.1	41	----	----	----	----	29	5,870	−7.7	69
450	29	6,732	−11.5	----	25	6,710	−12.9	----	30	6,692	−13.7	----	30	6,588	−16.8	----	31	6,590	−17.7	39	----	----	----	----	29	6,692	−12.3	56
400	29	7,619	−17.4	----	25	7,592	−19.0	----	29	7,570	−20.2	----	30	7,457	−23.0	----	31	7,456	−24.3	----	----	----	----	----	29	7,575	−17.9	53
350	29	8,604	−24.5	----	24	8,570	−26.8	----	28	8,543	−27.6	----	29	8,422	−29.9	----	30	8,412	−31.9	----	----	----	----	----	29	8,559	−25.2	----
300	29	9,708	−33.0	----	23	9,663	−35.2	----	28	9,632	−35.9	----	29	9,501	−38.1	----	27	9,491	−40.0	----	----	----	----	----	29	9,658	−33.8	----
250	28	10,966	−42.4	----	23	10,908	−44.7	----	28	10,876	−44.2	----	28	10,734	−46.6	----	27	10,711	−48.6	----	----	----	----	----	28	10,911	−43.9	----
200	28	12,438	−53.3	----	18	12,372	−53.8	----	27	12,339	−52.8	----	28	12,189	−53.2	----	25	12,152	−53.8	----	----	----	----	----	25	12,372	−55.9	----
175	28	13,286	−59.1	----	17	13,219	−58.4	----	27	13,191	−57.7	----	27	13,043	−55.6	----	23	13,015	−54.4	----	----	----	----	----	17	13,206	−62.4	----
150	21	14,241	−64.2	----	12	14,190	−62.6	----	22	14,142	−63.4	----	27	14,021	−57.1	----	18	13,986	−55.4	----	----	----	----	----	9	14,159	−68.5	----
125	9	15,354	−67.8	----	5	15,329	−65.8	----	14	15,235	−66.6	----	21	15,164	−58.2	----	13	15,142	−57.0	----	----	----	----	----	----	----	----	----
100	----	----	----	----	----	----	----	----	----	----	----	----	12	16,544	−56.9	----	6	16,543	−58.2	----	----	----	----	----	----	----	----	----
80	----	----	----	----	----	----	----	----	----	----	----	----	8	17,963	−57.9	----	----	----	----	----	----	----	----	----	----	----	----	----

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 July 1946*—Continued

Standard pressure surface (mb.)	Tampa, Fla. (1,016.8 mb.)				Tatoosh Island, Wash. (1,015.3 mb.)				Toledo, Ohio (994.7 mb.)				Washington, D. C. (1,015.0 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	31	9	25.5	87	31	31	13.8	87	31	191	20.7	74	31	25	23.2	77
1,000	31	156	25.1	85	31	159	13.4	83	31	143	(*)	----	31	155	23.2	72
950	31	606	22.6	81	31	593	12.8	74	31	594	21.5	60	31	606	21.3	67
900	31	1,076	20.0	76	31	1,044	11.2	69	31	1,058	18.5	60	31	1,069	18.3	69
850	31	1,568	17.2	73	31	1,519	9.2	64	31	1,546	15.0	61	31	1,557	14.9	66
800	31	2,084	14.1	70	31	2,020	6.7	60	31	2,057	11.8	56	31	2,068	12.4	56
750	31	2,628	11.1	67	31	2,552	4.3	52	31	2,597	9.3	47	31	2,609	9.8	49
700	31	3,201	7.8	63	31	3,106	1.5	48	31	3,164	6.1	47	31	3,178	6.8	47
650	31	3,811	4.3	59	31	3,703	−1.6	44	31	3,767	2.8	44	31	3,787	3.4	43
600	31	4,456	0.6	62	31	4,332	−5.4	43	31	4,412	−0.5	38	31	4,429	0.0	41
550	31	5,149	−3.4	61	31	5,013	−9.2	38	31	5,102	−4.3	----	30	5,121	−4.0	----
500	31	5,898	−7.7	59	30	5,737	−13.9	41	31	5,848	−8.8	----	29	5,868	−8.5	----
450	31	6,718	−12.7	55	30	6,535	−19.2	----	30	6,665	−13.9	----	29	6,682	−13.7	----
400	31	7,600	−18.4	56	30	7,396	−25.5	----	30	7,541	−20.1	----	29	7,563	−20.0	----
350	31	8,582	−25.5	----	29	8,353	−32.6	----	30	8,517	−27.0	----	29	8,538	−27.5	----
300	30	9,679	−33.9	----	29	9,422	−40.4	----	30	9,609	−35.4	----	29	9,628	−35.9	----
250	30	10,929	−44.2	----	28	10,644	−47.9	----	30	10,853	−44.7	----	28	10,868	−45.5	----
200	28	12,386	−56.6	----	27	12,098	−50.5	----	29	12,312	−54.2	----	27	12,321	−55.4	----
175	28	13,216	−63.5	----	25	12,964	−51.0	----	29	13,161	−57.7	----	27	13,164	−59.2	----
150	23	14,150	−69.1	----	20	13,965	−51.5	----	28	14,122	−60.7	----	25	14,117	−62.6	----
125	16	15,240	−70.6	----	16	15,145	−52.1	----	23	15,235	−62.6	----	23	15,233	−64.2	----
100	----	------	------	----	10	16,595	−52.5	----	13	16,584	−62.9	----	15	16,600	−64.2	----
80	----	------	------	----	----	------	------	----	----	------	------	----	10	17,966	−62.7	----

[1] Data not yet received.
[2] Insufficient 0400 observations during July.
*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 REPORT FOR SWAN ISLAND, WEST INDIES

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 June 1946*

STATIONS AND MEAN SURFACE PRESSURES

Standard pressure surface (mb.)	Swan Island, W. I. (1,013.7 mb.)				Standard pressure surface (mb.)	Swan Island, W. I. (1,013.7 mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity		Number of observations	Dynamic height	Temperature	Relative humidity
Surface	30	10	26.9	82	500	27	5,878	−7.9	55
1,000	30	130	26.0	82	450	26	6,698	−12.4	45
950	30	587	22.6	82	400	26	7,578	−17.9	43
900	30	1,051	19.7	78	350	26	8,566	−25.0	-------
850	30	1,543	17.1	70	300	26	9,667	−33.4	-------
800	30	2,058	14.6	59	250	26	10,919	−43.5	-------
750	30	2,605	11.8	54	200	26	12,380	−55.5	-------
700	30	3,176	8.4	52	175	25	13,221	−62.2	-------
650	30	3,786	4.8	53	150	20	14,165	−68.9	-------
600	28	4,431	0.9	53	125	9	15,263	−74.3	-------
550	28	5,127	−3.4	55					