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METEOROLOGICAL AND CLIMATOLOGICAL DATA FOR JUNE 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 June 1946*

STATIONS AND MEAN SURFACE PRESSURES

Standard pressure surface (mb.)	Albany, N. Y. (1,005.6 mb.)				Albuquerque, N. Mex. (837.0 mb.)				Apalachicola, Fla. (1,018.2 mb.)				Atlanta, Ga. (984.8 mb.)				Big Spring, Tex. (926.6 mb.)				Bismarck, N. Dak. (954.7 mb.)				Boise, Idaho (913.4 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	30	93	15.9	81	30	1,620	26.7	21	30	5	25.0	81	30	300	22.5	76	30	774	26.1	50	30	505	18.0	66	29	868	21.0	36
1,000	30	140	(*)	----	30	14	(*)	----	30	164	24.4	76	30	166	(*)	----	30	93	(*)	----	30	102	(*)	----	29	74	(*)	----
950	30	581	15.4	71	30	485	(*)	----	30	612	21.7	70	30	617	22.3	64	30	552	(*)	----	30	545	(*)	----	29	530	(*)	----
900	30	1,034	13.1	70	30	970	(*)	----	30	1,080	18.5	70	30	1,083	19.3	66	30	1,030	24.4	51	30	1,010	16.9	56	29	996	21.3	30
850	30	1,512	10.0	71	30	1,484	(*)	----	30	1,568	15.4	66	30	1,572	15.7	69	30	1,528	20.8	55	30	1,495	13.6	57	29	1,488	17.5	31
800	30	2,014	7.1	67	30	2,017	24.2	20	30	2,080	12.7	58	30	2,085	12.8	62	30	2,049	17.4	56	30	2,003	10.7	57	29	2,001	13.3	35
750	30	2,550	4.4	65	30	2,576	19.6	22	30	2,621	9.8	52	30	2,629	9.6	54	30	2,600	13.9	56	30	2,546	7.3	54	29	2,541	8.7	39
700	30	3,102	1.6	60	30	3,164	14.3	25	30	3,189	6.8	52	30	3,194	6.0	55	30	3,177	10.7	43	30	3,103	3.9	55	29	3,105	4.2	44
650	30	3,699	−1.7	54	30	3,780	8.6	31	30	3,795	3.5	49	30	3,801	2.5	56	30	3,789	7.1	35	30	3,705	−0.1	53	29	3,705	−0.9	49
600	29	4,330	−5.2	50	30	4,438	2.6	39	30	4,440	0.0	50	30	4,440	−1.0	49	29	4,443	2.5	37	29	4,337	−4.5	51	29	4,339	−5.6	54
550	28	5,010	−9.3	----	30	5,127	−3.5	50	30	5,133	−3.8	47	30	5,132	−4.8	40	27	5,133	−2.6	----	29	5,021	−9.1	53	28	5,020	−10.3	53
500	28	5,737	−13.5	----	30	5,880	−9.8	60	30	5,878	−8.0	42	30	5,873	−9.1	----	27	5,890	−7.3	----	29	5,748	−13.9	57	28	5,746	−15.1	46
450	27	6,536	−19.0	----	30	6,691	−15.3	59	30	6,694	−12.9	----	30	6,692	−14.0	----	27	6,707	−12.7	----	29	6,553	−19.3	55	28	6,538	−20.5	52
400	26	7,405	−24.5	----	30	7,567	−21.2	46	29	7,578	−18.9	----	30	7,565	−20.2	----	27	7,591	−19.0	----	29	7,408	−25.2	----	28	7,397	−26.7	----
350	26	8,364	−31.6	----	30	8,538	−28.4	----	29	8,558	−26.1	----	30	8,540	−27.1	----	25	8,567	−26.2	----	29	8,363	−32.3	----	28	8,346	−33.9	----
300	26	9,435	−39.6	----	30	9,624	−36.6	----	29	9,654	−34.4	----	30	9,632	−35.4	----	25	9,663	−34.5	----	29	9,432	−40.6	----	28	9,407	−42.3	----
250	26	10,659	−48.0	----	30	10,861	−46.0	----	27	10,900	−44.5	----	30	10,876	−44.8	----	23	10,915	−43.7	----	25	10,642	−49.7	----	28	10,617	−50.9	----
200	25	12,112	−57.0	----	29	12,322	−55.1	----	27	12,355	−56.1	----	30	12,333	−55.7	----	20	12,376	−53.6	----	21	12,076	−56.4	----	26	12,040	−57.3	----
175	24	12,957	−59.9	----	25	13,160	−58.9	----	27	13,192	−61.8	----	30	13,171	−61.0	----	17	13,242	−57.5	----	20	12,927	−56.7	----	23	12,883	−56.1	----
150	24	13,918	−60.5	----	19	14,135	−63.3	----	24	14,131	−66.7	----	28	14,120	−64.6	----	13	14,201	−61.9	----	16	13,888	−55.1	----	18	13,866	−55.3	----
125	22	15,046	−61.6	----	8	15,231	−68.0	----	11	15,228	−70.7	----	17	15,236	−67.4	----	9	15,307	−65.1	----	13	15,044	−55.0	----	11	15,044	−57.1	----
100	14	16,404	−61.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6	16,406	−56.2	----	5	16,440	−57.6	----
80	8	17,773	−60.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

	Brownsville, Tex. (1,013.9 mb.)				Buffalo, N. Y. (991.2 mb.)				Burrwood, La. (1,017.5 mb.)				Caribou, Maine (990.7 mb.)				Charleston, S. C. (1,018.3 mb.)				Ciudad Victoria, Mex. (974.4 mb.)				Clovis, N. Mex. (870.3 mb.)			
Surface	30	6	26.4	82	29	221	15.5	79	30	2	24.8	86	30	191	13.0	75	30	14	22.0	89	30	335	27.7	65	30	1,306	23.7	45
1,000	30	128	25.7	82	29	146	(*)	----	30	154	24.0	85	30	111	(*)	----	30	172	22.8	85	30	103	(*)	----	30	66	(*)	----
950	30	583	22.6	82	29	587	15.9	66	30	606	21.3	80	30	545	13.6	64	30	622	20.8	72	30	562	26.4	63	30	534	(*)	----
900	30	1,049	20.5	71	29	1,041	13.7	65	30	1,070	18.7	71	30	999	11.2	64	30	1,085	18.2	69	30	1,035	23.0	65	30	1,016	(*)	----
850	30	1,542	18.5	58	29	1,520	10.5	67	30	1,559	16.1	65	30	1,473	7.8	68	30	1,573	15.2	65	30	1,531	19.3	67	30	1,512	23.4	41
800	30	2,061	16.0	51	29	2,023	7.5	64	30	2,073	13.5	59	30	1,971	4.4	70	30	2,084	12.2	62	30	2,050	15.5	69	30	2,039	20.0	43
750	30	2,608	13.0	45	29	2,559	4.6	61	30	2,617	10.9	54	30	2,495	1.1	70	30	2,627	8.9	57	30	2,600	12.5	59	30	2,594	16.0	44
700	30	3,184	9.6	40	29	3,112	1.6	55	30	3,188	8.0	50	30	3,045	−2.0	65	30	3,192	5.8	50	30	3,172	9.2	53	30	3,173	12.0	42
650	30	3,793	6.0	39	29	3,710	−1.4	52	30	3,798	4.7	48	30	3,633	−4.9	56	29	3,794	2.5	45	30	3,789	5.9	46	30	3,788	7.1	43
600	30	4,446	2.0	42	29	4,339	−5.2	46	30	4,445	1.0	49	30	4,257	−7.9	47	29	4,436	−1.1	38	30	4,435	2.2	47	30	4,441	1.9	48
550	30	5,147	−2.5	41	29	5,022	−9.3	43	30	5,142	−2.8	44	30	4,928	−11.4	40	29	5,124	−5.1	37	30	5,134	−2.0	46	30	5,135	−3.6	48
500	30	5,893	−6.8	37	29	5,750	−13.7	43	30	5,890	−7.5	44	28	5,661	−15.8	45	28	5,867	−9.7	39	30	5,884	−6.6	44	29	5,882	−9.0	43
450	30	6,714	−11.8	----	29	6,551	−18.5	----	30	6,711	−12.4	----	28	6,452	−21.1	----	28	6,680	−15.0	42	30	6,709	−11.5	43	28	6,693	−14.6	----
400	30	7,600	−18.0	----	28	7,410	−24.5	----	30	7,594	−18.0	----	28	7,307	−27.4	----	28	7,555	−20.8	----	30	7,595	−17.1	----	28	7,572	−20.5	----
350	30	8,584	−24.9	----	28	8,367	−31.8	----	30	8,578	−25.0	----	28	8,254	−34.3	----	27	8,527	−28.2	----	29	8,582	−24.1	----	27	8,546	−27.7	----
300	30	9,686	32.9	----	28	9,439	−39.7	----	29	9,678	−33.4	----	28	9,314	−41.8	----	27	9,614	−36.4	----	29	9,688	−32.4	----	27	9,635	−36.0	----
250	29	10,944	−42.6	----	28	10,662	−48.4	----	27	10,932	−43.0	----	26	10,520	−49.1	----	27	10,852	−45.9	----	29	10,947	−41.9	----	27	10,876	−45.3	----
200	29	12,414	−53.8	----	28	12,104	−55.9	----	26	12,399	−53.9	----	24	11,950	−54.5	----	25	12,305	−56.2	----	29	12,420	−53.5	----	27	12,335	−54.2	----
175	29	13,260	−59.9	----	27	12,947	−59.1	----	25	13,244	−59.3	----	22	12,800	−55.1	----	24	13,139	−61.7	----	29	13,266	−59.9	----	26	13,181	−58.5	----
150	24	14,206	−66.1	----	24	13,897	−59.1	----	23	14,195	−63 9	----	20	13,778	−55.6	----	21	14,086	−65.5	----	29	14,214	−65.8	----	22	14,144	−62.8	----
125	20	15,299	−71.5	----	17	15,050	−59.6	----	9	15,273	−67.4	----	19	14,928	−56.2	----	11	15,161	−65.2	----	19	15,310	−71.0	----	15	15,277	−67.3	----
100	10	16,614	−74.8	----	14	16,440	−60.2	----	----	----	----	----	10	16,334	−56.4	----	5	16,519	−66.7	----	5	16,585	−73.3	----	5	16,625	−69.6	----

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 June 1946*—Continued

Standard pressure surface (mb.)	Columbia, Mo. (987.6 mb.)				Dodge City, Kans. (924.1 mb.)				El Paso, Tex. (879.9 mb.)				Ely, Nev. (808.2 mb.)				Fort Worth, Tex. (991.4 mb.)				Glasgow, Mont. (938.8 mb.)				Grand Junction, Colo. (850.8 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	30	239	22.4	70	30	787	23.6	51	30	1,195	29.2	24	30	1,908	19.5	24	30	211	25.1	68	30	648	18.8	51	30	1,474	24.0	19
1,000	30	129	(*)	----	30	87	(*)	----	30	36	(*)	----	30	26	(*)	----	30	131	(*)	----	30	97	(*)	----	30	30	(*)	----
950	30	582	21.7	62	30	545	(*)	----	30	511	(*)	----	30	492	(*)	----	30	589	23.5	65	30	547	(*)	----	30	502	(*)	----
900	30	1,043	18.8	64	30	1,017	22.9	49	30	998	(*)	----	30	970	(*)	----	30	1,053	20.8	65	30	1,008	16.8	47	30	984	(*)	----
850	30	1,532	15.9	67	30	1,513	20.4	49	30	1,502	28.5	22	30	1,468	(*)	----	30	1,545	17.8	63	30	1,493	13.3	49	30	1,482	(*)	----
800	30	2,047	13.3	53	30	2,034	17.4	46	30	2,036	24.2	23	30	1,996	20.6	22	30	2,062	15.2	57	30	1,999	9.3	55	30	2,011	22.2	19
750	30	2,591	10.6	45	30	2,589	14.0	42	30	2,598	19.1	27	30	2,551	16.0	23	30	2,608	12.8	44	30	2,533	5.1	57	30	2,571	17.2	22
700	29	3,157	7.2	43	30	3,159	10.0	43	30	3,181	13.8	33	30	3,128	10.6	28	30	3,184	9.6	39	30	3,090	1.4	56	30	3,148	11.9	26
650	29	3,765	3.5	42	30	3,771	5.5	44	30	3,803	8.2	39	30	3,740	5.1	34	29	3,796	5.8	37	30	3,684	−2.7	58	30	3,761	6.3	31
600	29	4,408	−0.4	39	30	4,418	0.8	44	30	4,454	2.3	48	30	4,386	−0.7	41	29	4,444	1.7	37	30	4,314	−6.9	61	30	4,411	0.6	37
550	28	5,098	−4.7	33	29	5,113	−4.5	44	30	5,152	−3.3	51	30	5,073	−6.7	50	29	5,142	−2.7	39	30	4,988	−11.1	59	30	5,096	−5.2	43
500	28	5,840	−9.4	----	29	5,855	−9.5	39	30	5,898	−8.1	40	30	5,810	−12.0	46	29	5,890	−7.0	----	30	5,713	−15.9	56	30	5,842	−11.2	46
450	28	6,652	−14.6	----	29	6,671	−15.2	----	29	6,717	−13.9	----	30	6,615	−17.7	44	26	6,717	−12.2	----	30	6,503	−21.3	----	28	6,646	−17.3	----
400	28	7,529	−20.7	----	29	7,539	−21.5	----	29	7,592	−20.0	----	30	7,478	−23.9	----	26	7,601	−18.6	----	30	7,358	−27.1	----	28	7,509	−23.8	----
350	28	8,502	−27.8	----	29	8,508	−28.8	----	29	8,567	−27.3	----	30	8,439	−31.0	----	27	8,581	−25.9	----	30	8,306	−34.3	----	28	8,469	−31.4	----
300	28	9,592	−35.9	----	29	9,590	−37.3	----	29	9,658	−35.7	----	30	9,514	−38.9	----	23	9,682	−34.0	----	29	9,365	−42.6	----	28	9,541	−39.8	----
250	28	10,833	−45.1	----	29	10,824	−46.5	----	29	10,900	−45.1	----	30	10,740	−48.4	----	20	10,932	−43.5	----	29	10,569	−51.3	----	28	10,764	−48.2	----
200	27	12,294	−54.4	----	28	12,277	−55.3	----	27	12,360	−54.8	----	26	12,188	−56.6	----	20	12,399	−53.4	----	19	11,995	−55.8	----	26	12,222	−56.1	----
175	27	13,142	−58.0	----	26	13,117	−59.7	----	24	13,213	−59.8	----	25	13,030	−59.3	----	17	13,265	−58.0	----	10	12,829	−53.7	----	25	13,062	−59.3	----
150	22	14,110	−61.0	----	21	14,075	−62.2	----	20	14,160	−64.8	----	19	14,012	−60.0	----	15	14,223	−63.7	----	7	13,790	−54.2	----	23	14,020	−61.2	----
125	10	15,413	−63.1	----	16	15,185	−64.6	----	10	15,250	−68.8	----	17	15,154	−61.4	----	5	15,310	−68.8	----	7	14,963	−55.3	----	16	15,159	−63.7	----
100	----	------	------	----	8	16,546	−68.4	----	----	------	------	----	8	16,513	−61.5	----	----	------	------	----	----	------	------	----	----	------	------	----

Standard pressure surface (mb.)	Great Falls, Mont. (886.9 mb.)				Greensboro, N. C. (987.8 mb.)				Hatteras, N. C. (1,019.6 mb.)				Havana, Cuba[1] (---- mb.)				Honolulu, T. H.[2] (---- mb.)				Huntington, W. Va. (998.1 mb.)				International Falls, Minn. (974.2 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	30	1,128	16.0	54	29	273	20.8	77	30	3	21.6	86	----	------	------	----	----	------	------	----	30	172	18.1	93	30	343	15.5	69
1,000	30	90	(*)	----	29	167	(*)	----	30	172	21.0	80	----	------	------	----	----	------	------	----	30	155	(*)	----	30	119	(*)	----
950	30	540	(*)	----	29	612	21.1	65	30	619	19.5	70	----	------	------	----	----	------	------	----	30	604	19.9	70	30	555	15.5	62
900	30	1,006	(*)	----	29	1,079	17.8	66	30	1,080	17.4	64	----	------	------	----	----	------	------	----	30	1,063	17.1	71	30	1,013	12.7	65
850	30	1,488	14.0	50	29	1,566	14.4	68	30	1,567	15.0	60	----	------	------	----	----	------	------	----	30	1,549	13.9	69	30	1,491	9.6	66
800	30	1,996	10.0	53	29	2,075	11.1	67	30	2,078	12.4	54	----	------	------	----	----	------	------	----	30	2,058	11.1	63	30	1,991	6.5	64
750	30	2,532	6.1	56	29	2,612	7.8	65	30	2,620	9.4	53	----	------	------	----	----	------	------	----	30	2,600	8.0	58	30	2,524	3.3	61
700	30	3,090	1.6	62	29	3,177	4.4	60	30	3,186	5.9	56	----	------	------	----	----	------	------	----	30	3,160	4.8	55	30	3,075	0.4	53
650	30	3,683	−2.9	69	29	3,779	0.9	53	30	3,790	3.0	45	----	------	------	----	----	------	------	----	29	3,769	1.8	46	30	3,667	−3.2	51
600	29	4,313	−7.2	69	28	4,417	−2.8	47	30	4,434	−1.0	46	----	------	------	----	----	------	------	----	28	4,404	−2.1	48	30	4,295	−6.9	49
550	29	4,985	−11.9	68	28	5,099	−6.7	----	30	5,122	−5.4	44	----	------	------	----	----	------	------	----	28	5,092	−6.0	----	30	4,969	−10.8	53
500	29	5,709	−16.7	64	28	5,841	−11.1	----	30	5,865	−9.6	43	----	------	------	----	----	------	------	----	28	5,831	−10.5	----	30	5,696	−15.5	52
450	29	6,500	−21.9	----	27	6,645	−16.4	----	30	6,682	−14.5	37	----	------	------	----	----	------	------	----	28	6,644	−15.6	----	30	6,488	−20.9	53
400	29	7,349	−28.2	----	27	7,516	−22.4	----	30	7,555	−20.3	----	----	------	------	----	----	------	------	----	27	7,516	−21.5	----	30	7,343	−27.1	----
350	29	8,291	−35.4	----	27	8,480	−29.2	----	28	8,527	−27.5	----	----	------	------	----	----	------	------	----	27	8,486	−28.5	----	30	8,292	−33.8	----
300	28	9,348	−43.4	----	27	9,563	−37.2	----	28	9,618	−35.4	----	----	------	------	----	----	------	------	----	27	9,572	−36.7	----	30	9,355	−41.5	----
250	27	10,551	−52.4	----	27	10,798	−46.4	----	28	10,862	−44.8	----	----	------	------	----	----	------	------	----	27	10,810	−45.7	----	30	10,569	−49.7	----
200	25	11,971	−56.1	----	27	12,249	−55.9	----	27	12,316	−55.1	----	----	------	------	----	----	------	------	----	26	12,268	−54.9	----	29	12,010	−55.8	----
175	22	12,822	−55.3	----	26	13,091	−60.3	----	25	13,160	−59.8	----	----	------	------	----	----	------	------	----	21	13,103	−58.7	----	27	12,853	−55.6	----
150	19	13,805	−54.6	----	22	14,033	−63.1	----	18	14,102	−61.4	----	----	------	------	----	----	------	------	----	17	14,040	−61.0	----	25	13,826	−55.2	----
125	12	14,963	−55.0	----	16	15,131	−65.4	----	10	15,247	−63.2	----	----	------	------	----	----	------	------	----	8	15,154	−61.6	----	22	14,988	−55.9	----
100	9	16,383	−56.1	----	----	------	------	----	----	------	------	----	----	------	------	----	----	------	------	----	----	------	------	----	16	16,366	−56.2	----
80	----	------	------	----	----	------	------	----	----	------	------	----	----	------	------	----	----	------	------	----	----	------	------	----	11	17,776	−56.3	----

Standard pressure surface (mb.)	Joliet, Ill. (995.3 mb.)				Lake Charles, La. (1,016.7 mb.)				Lander, Wyo. (829.3 mb.)				Las Vegas, Nev. (942.2 mb.)				Little Rock, Ark. (1,008.0 mb.)				Mazatlan, Mexico (1,003.4 mb.)				Medford, Oreg. (968.6 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	30	178	18.1	77	30	5	24.3	87	29	1,696	17.0	43	30	574	33.2	9	30	79	24.1	74	27	79	27.1	75	29	401	19.6	46
1,000	30	138	(*)	----	30	151	24.1	82	29	59	(*)	----	30	32	(*)	----	30	149	24.6	71	27	109	26.7	73	29	124	(*)	----
950	30	579	18.8	66	30	605	21.4	79	29	520	(*)	----	30	501	(*)	----	30	601	22.4	67	27	564	24.6	56	29	570	18.1	48
900	30	1,042	16.9	66	30	1,067	18.6	73	29	991	(*)	----	30	984	30.6	----	30	1,067	18.9	70	27	1,033	22.9	55	29	1,026	14.2	55
850	30	1,528	13.9	67	30	1,557	16.2	68	29	1,482	(*)	----	30	1,489	26.0	----	30	1,557	16.2	62	27	1,530	20.8	59	29	1,505	10.2	64
800	30	2,038	11.0	63	30	2,071	13.4	67	29	2,003	17.7	33	30	2,016	21.1	----	30	2,071	14.0	52	27	2,051	17.3	60	29	2,006	6.0	73
750	30	2,576	8.1	54	30	2,619	10.6	61	29	2,551	13.2	36	30	2,569	15.8	----	30	2,616	11.0	53	27	2,605	14.4	57	29	2,534	2.4	75
700	30	3,140	4.7	53	30	3,185	7.8	54	29	3,125	8.3	41	30	3,146	10.7	19	30	3,186	7.7	50	27	3,179	11.1	55	29	3,085	−0.8	59
650	30	3,741	1.3	46	30	3,798	4.6	49	29	3,732	3.3	47	30	3,757	5.5	22	30	3,795	4.2	43	22	3,801	7.1	55	29	3,674	−4.1	50
600	30	4,381	−4.0	40	30	4,443	0.9	45	29	4,375	−1.8	50	30	4,405	0.7	----	30	4,446	0.2	42	21	4,450	2.6	60	29	4,300	−8.0	46
550	30	5,064	−6.5	39	30	5,140	−3.0	42	29	5,058	−7.2	52	30	5,095	−3.9	----	30	5,133	−3.8	38	21	5,150	−2.5	64	29	4,974	−12.1	45
500	30	5,805	−11.3	----	30	5,886	−7.5	43	29	5,796	−12.7	51	30	5,842	−9.0	----	28	5,876	−8.4	36	21	5,900	−7.3	61	29	5,693	−16.8	46
450	30	6,610	−16.6	----	30	6,711	−12.7	43	29	6,595	−18.7	49	30	6,651	−15.1	----	28	6,694	−13.2	----	21	6,721	−12.4	54	29	6,480	−22.0	----
400	30	7,482	−22.6	----	30	7,589	−18.5	----	29	7,459	−25.2	----	29	7,527	−22.0	----	28	7,573	−19.2	----	21	7,606	−17.7	----	29	7,334	−27.7	----
350	30	8,448	−29.6	----	29	8,571	−25.9	----	29	8,414	−32.6	----	29	8,495	−29.5	----	28	8,553	−26.2	----	18	8,590	−25.3	----	29	8,280	−34.7	----
300	27	9,540	−37.5	----	29	9,668	−34.2	----	28	9,483	−41.0	----	29	9,575	−38.2	----	28	9,649	−34.3	----	17	9,684	−33.5	----	29	9,336	−42.9	----
250	27	10,773	−47.0	----	29	10,919	−44.0	----	28	10,698	−50.0	----	29	10,805	−47.3	----	28	10,899	−43.9	----	17	10,940	−42.8	----	28	10,543	−50.6	----
200	27	12,223	−55.1	----	29	12,380	−55.1	----	28	12,127	−57.7	----	28	12,252	−56.1	----	28	12,362	−54.5	----	16	12,407	−54.1	----	28	11,975	−56.3	----
175	25	13,058	−58.3	----	29	13,222	−60.5	----	26	12,959	−58.7	----	26	13,092	−59.8	----	28	13,206	−59.4	----	14	13,256	−60.0	----	25	12,818	−56.2	----
150	22	14,014	−60.7	----	28	14,173	−65.5	----	24	13,932	−58.8	----	24	14,050	−62.3	----	24	14,164	−63.1	----	8	14,201	−65.9	----	23	13,804	−55.7	----
125	16	15,116	−61.2	----	21	15,271	−69.9	----	21	15,084	−60.3	----	16	15,160	−65.0	----	17	15,287	−66.2	----	----	------	------	----	15	14,963	−56.7	----
100	11	16,488	−62.0	----	6	16,580	−71.5	----	10	16,449	−60.7	----	5	16,514	−67.4	----	10	16,631	−67.6	----	----	------	------	----	6	16,373	−56.6	----
80	----	------	------	----	----	------	------	----	5	17,849	−61.5	----	----	------	------	----	----	------	------	----	----	------	------	----	----	------	------	----

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 June 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	29	27	26.2	81	30	4	25.8	82	29	14	13.4	91	30	180	23.3	71	30	849	20.1	66	30	2	17.2	68	30	1,355	21.7	35
1,000	29	126	25.3	80	30	169	24.9	82	29	148	14.8	79	30	156	(*)	----	30	88	(*)	----	30	142	16.0	69	30	44	(*)	----
950	29	577	23.4	76	30	620	21.7	83	29	585	15.6	66	30	604	22.4	66	30	541	(*)	----	30	585	14.8	61	30	508	(*)	----
900	29	1,049	20.9	73	30	1,087	18.9	79	29	1,042	14.0	61	30	1,073	19.1	69	30	1,008	22.1	53	30	1,034	15.2	39	30	983	(*)	----
850	29	1,542	18.0	72	30	1,576	16.0	75	29	1,523	11.5	59	30	1,562	15.4	73	30	1,502	19.4	48	30	1,517	14.2	26	30	1,480	22.2	28
800	29	2,060	15.1	69	30	2,090	12.9	73	29	2,028	8.9	54	30	2,074	12.4	67	30	2,020	15.9	50	30	2,026	12.1	23	30	2,002	18.1	27
750	29	2,606	11.8	64	30	2,633	9.9	68	29	2,567	6.1	52	30	2,615	9.7	57	30	2,572	12.5	48	30	2,572	9.3	22	30	2,553	13.8	30
700	29	3,179	8.3	66	30	3,201	6.8	63	29	3,122	3.1	50	30	3,184	6.6	51	30	3,141	8.7	48	30	3,131	6.0	----	30	3,126	9.0	32
650	29	3,791	4.8	65	30	3,809	3.4	57	29	3,723	−0.4	50	29	3,790	3.0	47	30	3,753	4.3	48	30	3,735	2.4	----	30	3,735	3.9	36
600	27	4,439	1.1	65	29	4,453	−0.3	60	29	4,358	−3.6	47	29	4,432	−1.0	43	30	4,395	−0.6	52	30	4,375	−1.6	----	30	4,379	−1.4	39
550	25	5,135	−3.1	65	29	5,146	−3.9	55	29	5,041	−7.8	52	29	5,120	−5.0	39	30	5,086	−5.7	52	30	5,060	−6.0	----	30	5,063	−6.8	42
500	25	5,885	−7.4	63	29	5,891	−8.5	53	29	5,774	−12.3	53	29	5,863	−9.4	----	30	5,825	−11.0	49	30	5,802	−10.7	----	30	5,802	−12.7	50
450	25	6,706	−11.9	59	28	6,709	−13.2	50	29	6,578	−18.0	49	29	6,672	−14.5	----	30	6,633	−16.7	47	29	6,617	−16.0	----	30	6,601	−18.7	51
400	25	7,594	−17.5	58	28	7,591	−18.9	54	29	7,443	−23.9	----	29	7,352	−20.6	----	30	7,500	−22.9	----	29	7,483	−22.2	----	30	7,465	−25.0	50
350	25	8,579	−25.1	----	28	8,571	−26.1	----	27	8,408	−30.8	----	28	8,524	−27.7	----	30	8,465	−29.9	----	29	8,450	−29.5	----	29	8,424	−32.1	----
300	24	9,678	−33.8	----	28	9,606	−34.8	----	26	9,492	−38.1	----	28	9,615	−35.5	----	29	9,542	−38.2	----	29	9,531	−37.8	----	29	9,494	−40.2	----
250	22	10,928	−44.0	----	28	10,911	−45.2	----	26	10,679	−47.2	----	28	10,860	−44.5	----	28	10,771	−47.3	----	28	10,763	−46.5	----	28	10,717	−48.8	----
200	20	12,386	−55.6	----	28	12,361	−57.4	----	26	12,161	−56.7	----	27	12,323	−54.3	----	27	12,213	−56.1	----	25	12,220	−54.9	----	27	12,151	−57.0	----
175	17	13,223	−61.8	----	28	13,193	−63.2	----	24	13,004	−59.8	----	27	13,169	−58.7	----	27	13,056	−58.5	----	23	13,073	−57.5	----	24	12,993	−58.8	----
150	----	----	----	----	17	14,143	−68.5	----	20	13,967	−61.2	----	23	14,133	−61.8	----	22	14,025	−60.1	----	10	14,094	−58.4	----	19	13,961	−59.2	----
125	----	----	----	----	5	15,266	−72.6	----	14	15,104	−62.2	----	14	15,245	−64.4	----	14	15,157	−62.0	----	6	15,215	−57.8	----	11	15,113	−59.5	----
100	----	----	----	----	----	----	----	----	9	16,512	−61.6	----	----	----	----	----	8	16,568	−62.4	----	----	----	----	----	7	16,488	−60.6	----

Standard pressure surface (mb.)	Oklahoma City, Okla. (970.0 mb.)				Omaha, Nebr. (977.6 mb.)				Phoenix, Ariz. (968.2 mb.)				Pittsburgh, Pa. (973.5 mb.)				Portland, Maine (1,013.3 mb.)				Rapid City, S. Dak. (902.9 mb.)				St. Paul, Minn. (987.8 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	29	391	23.4	71	30	308	22.9	64	30	339	32.4	22	30	382	19.3	72	30	20	14.1	82	30	981	17.3	74	30	225	18.8	72
1,000	29	121	(*)	----	30	108	(*)	----	30	46	(*)	----	30	149	(*)	----	30	132	16.0	75	30	94	(*)	----	30	117	(*)	----
950	29	572	22.9	69	30	558	21.8	62	30	514	35.7	15	30	598	18.9	68	30	572	16.2	60	30	541	(*)	----	30	563	17.1	68
900	29	1,042	20.2	69	30	1,024	19.2	64	30	998	31.5	16	30	1,056	16.6	66	30	1,028	13.4	60	30	1,008	(*)	----	30	1,019	14.5	68
850	29	1,534	17.9	66	30	1,514	16.1	65	30	1,506	26.8	18	30	1,541	13.3	69	30	1,507	10.1	66	30	1,497	16.1	61	30	1,502	11.9	68
800	29	2,052	15.5	60	30	2,028	13.7	60	30	2,035	22.0	21	30	2,048	10.2	65	30	2,009	7.0	66	30	2,010	13.0	61	30	2,006	9.5	63
750	29	2,600	12.9	47	30	2,572	10.8	51	30	2,591	17.0	25	30	2,588	7.2	62	30	2,543	4.3	61	30	2,554	9.4	60	30	2,545	6.4	61
700	29	3,174	9.5	45	30	3,141	7.2	50	30	3,173	12.0	28	30	3,148	4.1	55	30	3,096	1.5	55	30	3,119	6.1	54	30	3,103	3.3	58
650	29	3,786	5.3	42	30	3,749	3.3	49	30	3,789	7.4	29	29	3,750	0.7	55	29	3,697	−1.5	52	30	3,724	2.0	54	29	3,701	−0.2	55
600	28	4,435	1.1	36	29	4,393	−0.9	46	30	4,440	2.6	28	29	4,387	−3.1	55	29	4,327	−5.1	51	29	4,361	−3.1	57	29	4,337	−4.2	54
550	28	5,128	−3.7	32	29	5,082	−5.6	40	30	5,138	−2.3	----	28	5,077	−6.9	51	29	5,009	−9.3	51	28	5,045	−7.9	55	29	5,019	−8.7	51
500	28	5,875	−8.6	----	29	5,822	−10.7	38	29	5,885	−7.5	----	27	5,811	−11.2	53	29	5,738	−13.5	48	27	5,776	−13.3	52	29	5,751	−13.6	54
450	28	6,693	−14.2	----	28	6,637	−16.3	37	29	6,703	−13.5	----	27	6,624	−16.4	52	29	6,536	−18.6	46	27	6,578	−18.8	51	29	6,554	−19.0	46
400	28	7,568	−20.5	----	28	7,505	−22.8	----	29	7,581	−20.5	----	27	7,489	−22.6	----	29	7,400	−24.7	----	27	7,439	−24.7	----	29	7,413	−24.9	----
350	26	8,540	−27.9	----	26	8,476	−29.7	----	29	8,555	−28.1	----	27	8,455	−29.6	----	29	8,357	−32.0	----	27	8,397	−31.8	----	29	8,370	−31.7	----
300	26	9,630	−35.8	----	25	9,553	−37.8	----	29	9,642	−36.8	----	27	9,536	−37.3	----	29	9,427	−40.2	----	26	9,464	−40.1	----	29	9,443	−39.7	----
250	26	10,872	−44.9	----	25	10,787	−46.9	----	29	10,878	−46.1	----	26	10,766	−46.1	----	29	10,647	−48.5	----	25	10,684	−49.0	----	28	10,667	−47.9	----
200	25	12,333	−54.3	----	25	12,234	−56.2	----	29	12,331	−55.5	----	24	12,213	−54.9	----	29	12,086	−56.2	----	21	12,134	−56.9	----	28	12,112	−55.4	----
175	25	13,179	−58.6	----	23	13,072	−59.4	----	28	13,180	−59.8	----	23	13,063	−58.2	----	24	12,921	−58.3	----	18	12,982	−58.5	----	23	12,952	−57.1	----
150	23	14,131	−62.3	----	20	14,042	−61.3	----	27	14,134	−64.1	----	19	14,034	−59.7	----	20	13,879	−58.6	----	15	13,947	−57.7	----	21	13,920	−57.8	----
125	15	15,253	−66.4	----	16	15,160	−62.9	----	19	15,245	−67.7	----	14	15,148	−59.3	----	14	15,016	−59.4	----	9	15,046	−58.6	----	17	15,043	−57.8	----
100	8	16,576	−68.1	----	9	16,527	−64.1	----	5	16,558	−71.6	----	8	16,529	−59.9	----	6	16,429	−60.3	----	5	16,436	−61.5	----	12	16,439	−58.7	----
80	5	17,934	−66.2	----	----	----	----	----	----	----	----	----	5	17,944	−60.5	----	----	----	----	----	----	----	----	----	6	17,834	−58.0	----

Standard pressure surface (mb.)	San Antonio, Tex. (987.4 mb.)				San Juan, P. R. (1,017.4 mb.)				Santa Maria, Calif. (1,007.0 mb.)				Sault Ste. Marie, Mich. (989.6 mb.)				Spokane, Wash. (944.9 mb.)				Swan Island, W. I.[1] (..... mb.)				Tacubaya, Mexico (775.1 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	30	240	25.2	78	26	15	25.9	83	30	71	14.9	75	30	221	11.8	82	29	598	19.1	47	----	----	----	----	30	2,306	15.9	72
1,000	30	128	(*)	----	26	167	24.8	84	30	130	13.8	76	30	131	(*)	----	29	108	(*)	----	----	----	----	----	30	76	(*)	----
950	30	580	23.4	78	26	620	21.4	87	30	575	17.0	55	30	573	14.2	66	29	552	(*)	----	----	----	----	----	30	538	(*)	----
900	30	1,051	20.4	80	26	1,085	18.4	84	30	1,028	18.9	35	30	1,020	12.2	64	29	1,014	15.8	46	----	----	----	----	30	1,016	(*)	----
850	30	1,543	17.7	77	26	1,574	15.4	79	30	1,517	17.0	30	30	1,497	9.6	63	29	1,496	11.5	52	----	----	----	----	30	1,510	(*)	----
800	30	2,061	15.5	61	26	2,087	13.3	63	30	2,030	13.6	31	30	1,998	7.0	58	29	1,999	7.1	60	----	----	----	----	30	2,039	(*)	----
750	30	2,609	12.9	47	26	2,635	10.4	56	30	2,575	10.8	24	30	2,533	4.1	56	29	2,528	2.5	68	----	----	----	----	30	2,588	13.8	73
700	30	3,182	9.7	45	26	3,199	7.0	56	30	3,141	7.5	----	30	3,085	0.9	58	29	3,080	−1.6	68	----	----	----	----	30	3,164	9.4	77
650	29	3,799	6.3	41	26	3,810	3.7	49	30	3,747	3.9	----	30	3,683	−2.6	59	29	3,671	−5.4	66	----	----	----	----	30	3,775	4.9	83
600	29	4,448	2.4	39	26	4,452	0.2	47	30	4,393	0.2	----	29	4,307	−6.4	50	29	4,290	−9.2	64	----	----	----	----	30	4,425	0.9	84
550	28	5,145	−1.5	33	25	5,145	−3.7	----	30	5,082	−4.0	----	29	4,989	−9.8	43	29	4,959	−13.4	53	----	----	----	----	28	5,125	−2.8	79
500	28	5,899	−6.1	----	24	5,891	−8.1	----	30	5,829	−9.2	----	29	5,713	−14.3	43	29	5,677	−18.2	47	----	----	----	----	27	5,874	−7.0	74
450	28	6,720	−11.3	----	23	6,710	−12.9	----	30	6,640	−15.4	----	29	6,511	−19.6	44	29	6,463	−23.8	----	----	----	----	----	27	6,699	−11.9	70
400	28	7,608	−17.5	----	23	7,590	−19.0	----	28	7,514	−22.1	----	29	7,369	−25.9	----	28	7,308	−29.7	----	----	----	----	----	27	7,584	−17.3	68
350	27	8,592	−24.6	----	23	8,571	−25.9	----	28	8,481	−29.6	----	29	8,322	−33.1	----	28	8,247	−36.5	----	----	----	----	----	27	8,570	−24.1	----
300	26	9,696	−32.7	----	22	9,667	−34.2	----	28	9,562	−37.8	----	29	9,389	−40.6	----	26	9,301	−44.0	----	----	----	----	----	27	9,676	−32.6	----
250	26	10,954	−42.0	----	21	10,917	−44.2	----	27	10,795	−46.6	----	29	10,609	−48.7	----	25	10,509	−51.0	----	----	----	----	----	24	10,932	−43.0	----
200	24	12,432	−52.3	----	17	12,378	−55.6	----	27	12,246	−55.1	----	28	12,060	−55.2	----	22	11,940	−54.4	----	----	----	----	----	22	12,394	−55.4	----
175	21	13,278	−57.4	----	15	13,224	−61.1	----	23	13,101	−58.1	----	27	12,910	−56.4	----	19	12,798	−53.2	----	----	----	----	----	6	13,223	−62.1	----
150	16	14,238	−62.7	----	8	14,184	−66.4	----	20	14,064	−61.4	----	24	13,892	−57.5	----	16	13,783	−52.4	----	----	----	----	----	----	----	----	----
125	9	15,345	−67.1	----	----	----	----	----	12	15,156	−63.7	----	21	15,036	−57.5	----	16	14,957	−53.6	----	----	----	----	----	----	----	----	----
100	----	----	----	----	----	----	----	----	5	16,492	−65.9	----	14	16,442	−58.7	----	9	16,400	−54.7	----	----	----	----	----	----	----	----	----
80	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	17,844	−56.7	----	----	----	----	----	----	----	----	----

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 June 1946*—Continued

Standard pressure surface (mb.)	Tampa, Fla. (1,019.3 mb.)				Tatoosh Island, Wash. (1,014.1 mb.)				Toledo, Ohio (994.4 mb.)				Washington, D. C. (1,015.5 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
Surface	28	9	23.7	86	30	31	12.4	87	30	191	17.9	77	30	25	21.3	73
1,000	28	168	23.5	83	30	148	11.5	85	30	142	(*)	----	30	158	21.2	68
950	28	617	21.4	79	30	579	9.5	80	30	583	17.7	67	30	604	19.0	64
900	28	1,084	18.6	80	30	1,023	7.2	79	30	1,043	15.5	68	30	1,065	16.2	67
850	28	1,573	15.4	81	30	1,491	4.3	82	30	1,526	12.6	68	30	1,550	13.5	65
800	28	2,085	12.4	78	30	1,983	1.5	80	30	2,034	10.4	64	30	2,058	10.8	55
750	28	2,627	9.8	66	30	2,504	−1.2	75	30	2,576	7.4	62	30	2,595	7.8	53
700	28	3,196	6.6	64	30	3,048	−4.3	72	29	3,133	3.7	57	30	3,160	4.2	52
650	28	3,804	3.2	61	30	3,632	−7.8	69	27	3,740	0.0	57	30	3,760	0.5	52
600	28	4,446	−0.2	59	30	4,246	−11.4	61	27	4,375	−3.5	48	30	4,397	−3.2	54
550	27	5,140	−4.0	60	30	4,909	−15.7	60	27	5,058	−7.4	44	30	5,081	−7.2	47
500	27	5,885	−8.1	59	30	5,620	−20.3	59	27	5,795	−11.8	44	30	5,818	−11.6	45
450	27	6,704	−13.0	57	30	6,398	−25.5	----	27	6,603	−16.8	----	29	6,626	−16.8	45
400	27	7,586	−18.7	59	30	7,236	−31.6	----	27	7,474	−23.0	----	29	7,493	−22.8	----
350	27	8,567	−25.9	----	29	8,164	−38.4	----	27	8,434	−30.2	----	29	8,459	−29.7	----
300	27	9,663	−34.5	----	28	9,214	−44.9	----	27	9,513	−38.4	----	29	9,540	−37.6	----
250	27	10,909	−44.9	----	28	10,419	−49.2	----	26	10,744	−47.3	----	29	10,773	−46.7	----
200	27	12,362	−56.6	----	27	11,884	−49.6	----	25	12,184	−55.9	----	27	12,213	−55.8	----
175	27	13,196	−62.4	----	26	12,761	−49.4	----	24	13,045	−59.2	----	25	13,054	−60.0	----
150	20	14,133	−67.4	----	25	13,772	−49.4	----	20	14,012	−61.6	----	22	14,012	−63.1	----
125	9	15,216	−70.5	----	23	14,962	−50.4	----	16	15,153	−63.4	----	17	15,150	−63.9	----
100	----	------	------	----	17	16,423	−51.0	----	10	16,538	−62.9	----	13	16,533	−65.6	----
80	----	------	------	----	7	17,853	−50.7	----	5	17,941	−62.2	----	----	------	------	----

[1] Data not yet received.
[2] Insufficient 0400 observations during June.
*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 May 1946*

STATIONS AND MEAN SURFACE PRESSURES

Standard pressure surface (mb.)	Swan Island, W. I. (1,011.6 mb.)				Standard pressure surface (mb.)	Swan Island, W. I. (1,011.6 mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity		Number of observations	Dynamic height	Temperature	Relative humidity
Surface	29	10	26.8	81	500	29	5,861	−7.0	34
1,000	29	113	26.0	80	450	29	6,688	−12.2	-------
950	29	571	22.4	81	400	29	7,569	−18.1	-------
900	29	1,032	19.5	78	350	29	8,552	−25.5	-------
850	29	1,523	16.9	73	300	29	9,652	−33.9	-------
800	29	2,039	14.5	61	250	29	10,904	−43.7	-------
750	29	2,588	11.8	51	200	28	12,363	−55.6	-------
700	29	3,157	8.5	45	175	27	13,201	−62.0	-------
650	29	3,773	5.1	42	150	25	14,139	−68.1	-------
600	29	4,415	1.4	40	125	10	15,239	−72.4	-------
550	29	5,112	−2.6	37					