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METEOROLOGICAL AND CLIMATOLOGICAL DATA FOR SEPTEMBER 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 September 1946*

STATIONS AND MEAN SURFACE PRESSURES

Standard pressure surface (mb.)	Albany, N. Y. (1,009.2 mb.)				Albuquerque, N. Mex. (838.2 mb.)				Apalachicola, Fla. (1,015.8 mb.)				Atlanta, Ga. (984.1 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	28	93	14.9	82	29	1,620	21.6	43	30	5	24.5	88	30	300	20.6	79
1,000	28	171	16.2	80	29	52	(*)	----	30	143	24.3	85	30	161	(*)	----
950	28	609	15.6	72	29	519	(*)	----	30	592	21.9	82	30	608	20.6	74
900	28	1,066	13.3	71	29	998	(*)	----	30	1,060	18.8	81	30	1,072	17.7	77
850	28	1,545	10.4	72	29	1,497	(*)	----	30	1,550	15.6	80	30	1,560	14.9	75
800	28	2,047	7.4	66	29	2,023	19.5	41	30	2,062	12.7	74	30	2,071	11.9	70
750	28	2,581	4.8	52	29	2,577	15.4	44	30	2,604	9.8	70	30	2,612	8.7	68
700	28	3,136	2.1	45	29	3,155	10.7	55	30	3,173	6.9	64	30	3,177	5.9	58
650	28	3,732	−0.9	45	29	3,768	5.9	59	30	3,781	3.6	56	30	3,786	2.9	52
600	28	4,366	−4.2	----	29	4,418	1.0	63	29	4,425	0.1	51	30	4,426	−0.5	48
550	28	5,046	−8.0	----	29	5,113	−3.5	61	29	5,118	−3.7	44	30	5,117	−4.4	38
500	28	5,782	−12.6	----	29	5,859	−8.1	60	28	5,865	−8.1	48	29	5,862	−9.0	----
450	28	6,581	−18.3	----	29	6,680	−12.8	45	27	6,682	−13.5	51	29	6,677	−14.6	----
400	28	7,447	−24.4	----	28	7,561	−18.5	----	26	7,559	−19.6	49	29	7,551	−20.8	----
350	28	8,405	−31.5	----	28	8,542	−25.9	----	26	8,537	−26.6	----	29	8,524	−28.2	----
300	28	9,477	−39.6	----	28	9,640	−34.2	----	26	9,630	−35.1	----	29	9,611	−36.5	----
250	28	10,700	−48.3	----	27	10,891	−43.4	----	25	10,875	−45.2	----	29	10,848	−45.9	----
200	28	12,137	−56.7	----	26	12,359	−54.0	----	24	12,324	−56.4	----	28	12,299	−55.7	----
175	27	12,980	−59.7	----	21	13,203	−59.6	----	23	13,162	−62.1	----	27	13,141	−60.6	----
150	24	13,930	−62.2	----	15	14,158	−65.0	----	15	14,102	−67.2	----	26	14,085	−65.2	----
125	21	15,061	−63.4	----	6	15,238	−71.1	----	10	15,177	−69.9	----	19	15,183	−68.2	----
100	14	16,439	−62.4	----	----	----	----	----	5	16,522	−71.6	----	8	16,523	−67.4	----
80	6	17,832	−61.4	----	----	----	----	----	----	----	----	----	----	----	----	----

Standard pressure surface (mb.)	Auburn, Calif. (954.2 mb.)				Big Spring, Tex. (927.0 mb.)				Bismarck, N. Dak. (954.2 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
Surface	29	501	21.8	35	30	774	23.3	67	30	505	14.0	67
1,000	29	89	(*)	----	30	104	(*)	----	30	103	(*)	----
950	29	545	22.5	34	30	558	(*)	----	30	544	(*)	----
900	29	1,008	20.7	31	30	1,031	22.0	65	30	998	13.3	59
850	29	1,499	17.2	30	30	1,526	19.3	66	30	1,477	10.3	63
800	29	2,012	13.4	29	30	2,046	16.2	69	30	1,979	7.5	62
750	29	2,557	9.7	29	30	2,596	12.8	70	30	2,514	4.8	59
700	29	3,120	6.2	24	30	3,170	9.2	66	30	3,068	1.8	57
650	29	3,723	2.6	----	30	3,784	5.4	60	30	3,666	−1.4	57
600	29	4,365	−1.3	----	30	4,432	1.4	55	29	4,297	−4.8	55
550	29	5,051	−5.6	----	30	5,130	−2.9	53	29	4,977	−9.2	53
500	29	5,792	−10.4	----	29	5,878	−7.1	52	29	5,708	−13.9	51
450	29	6,600	−16.2	----	28	6,699	−12.0	41	29	6,510	−19.1	43
400	28	7,471	−22.8	----	23	7,583	−17.8	42	29	7,368	−25.3	----
350	28	8,435	−30.3	----	27	8,568	−24.8	----	27	8,333	−32.1	----
300	27	9,513	−39.0	----	26	9,674	−32.8	----	27	9,403	−40.0	----
250	25	10,745	−47.9	----	23	10,926	−42.6	----	24	10,641	−47.8	----
200	21	12,181	−55.9	----	22	12,397	−53.7	----	19	12,083	−53.7	----
175	19	13,029	−58.9	----	21	13,246	−59.3	----	17	12,951	−55.5	----
150	17	13,994	−62.3	----	14	14,200	−64.9	----	14	13,924	−56.7	----
125	12	15,116	−65.4	----	----	----	----	----	5	15,096	−56.0	----
100	----	----	----	----	----	----	----	----	----	----	----	----
80	----	----	----	----	----	----	----	----	----	----	----	----

Standard pressure surface (mb.)	Boise, Idaho (914.5 mb.)				Brownsville, Tex. (1,011.6 mb.)				Buffalo, N. Y. (993.5 mb.)				Burrwood, La. (1,015.1 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	868	16.2	45	30	6	26.8	86	30	221	15.7	79	26	2	25.2	82
1,000	30	95	(*)	----	30	108	26.3	86	30	165	(*)	----	26	134	24.5	89
950	30	542	(*)	----	30	566	23.5	86	30	608	16.7	65	26	588	21.7	74
900	30	1,004	18.8	37	30	1,033	21.1	76	30	1,062	14.1	65	26	1,051	18.6	75
850	30	1,493	16.2	35	30	1,527	18.6	71	30	1,542	11.0	64	26	1,540	15.5	70
800	30	2,004	12.4	37	30	2,046	15.8	67	30	2,046	8.0	59	26	2,052	12.8	64
750	30	2,544	8.3	40	30	2,591	12.8	66	30	2,581	5.3	47	26	2,601	10.1	62
700	30	3,106	4.0	43	30	3,169	9.5	64	30	3,137	2.5	44	26	3,164	7.0	57
650	30	3,707	−0.3	44	29	3,784	6.0	63	30	3,736	−0.7	39	26	3,775	3.9	51
600	30	4,339	−4.7	45	28	4,434	2.6	57	30	4,367	−4.0	----	26	4,417	0.2	50
550	30	5,018	−9.4	46	28	5,131	−1.2	52	30	5,051	−8.2	----	26	5,114	−3.9	53
500	30	5,748	−14.4	38	28	5,888	−5.3	47	28	5,784	−13.0	----	26	5,856	−8.5	51
450	30	6,539	−20.2	41	26	6,711	−10.4	36	28	6,587	−18.5	----	25	6,681	−13.7	54
400	30	7,400	−26.7	----	24	7,606	−15.9	----	28	7,448	−24.6	----	25	7,555	−19.4	52
350	30	8,349	−33.8	----	22	8,598	−22.8	----	28	8,405	−31.8	----	25	8,334	−26.4	----
300	30	9,412	−41.5	----	22	9,709	−31.1	----	27	9,476	−39.6	----	24	9,629	−34.6	----
250	30	10,627	−49.0	----	21	10,980	−40.9	----	27	10,698	−48.3	----	24	10,878	−44.3	----
200	28	12,059	−54.9	----	20	12,460	−52.7	----	27	12,141	−55.7	----	21	12,339	−55.3	----
175	25	12,909	−56.2	----	15	13,316	−59.2	----	24	12,982	−57.8	----	19	13,179	−60.7	----
150	21	13,879	−58.2	----	12	14,274	−65.5	----	23	13,951	−60.5	----	8	14,127	−65.3	----
125	14	15,005	−59.3	----	----	----	----	----	14	15,067	−61.6	----	----	----	----	----
100	6	16,374	−57.6	----	----	----	----	----	6	16,434	−62.1	----	----	----	----	----

Standard pressure surface (mb.)	Caribou, Maine (997.0 mb.)				Charleston, S. C. (1,016.6 mb.)				Ciudad Victoria, Mexico (972.3 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
Surface	29	191	11.7	85	30	14	21.4	90	30	335	27.3	69
1,000	29	165	(*)	----	30	157	22.0	87	30	84	(*)	----
950	29	601	13.7	70	30	604	20.2	80	30	540	26.0	70
900	29	1,051	11.4	68	30	1,039	18.0	74	30	1,015	22.6	73
850	29	1,527	8.6	65	30	1,557	15.5	67	30	1,511	18.9	77
800	29	2,026	6.4	50	30	2,070	13.0	61	30	2,030	15.5	80
750	29	2,558	4.0	41	30	2,611	10.2	59	30	2,579	12.3	78
700	29	3,111	1.3	41	30	3,182	7.3	57	30	3,152	9.3	72
650	29	3,706	−1.7	35	29	3,791	4.0	54	30	3,767	5.9	67
600	29	4,337	−5.5	----	29	4,436	0.4	50	30	4,416	2.1	64
550	29	5,012	−9.4	----	28	5,127	−3.5	49	29	5,111	−1.7	61
500	29	5,745	−14.1	----	27	5,878	−7.8	----	29	5,867	−5.9	59
450	29	6,544	−19.3	----	26	6,698	−12.8	----	29	6,684	−10.7	53
400	29	7,404	−25.1	----	26	7,579	−19.0	----	29	7,582	−16.1	54
350	27	8,362	−32.1	----	26	8,559	−26.2	----	29	8,583	−23.2	----
300	27	9,433	−40.4	----	24	9,656	−34.8	----	28	9,680	−31.7	----
250	25	10,660	−49.0	----	23	10,902	−44.8	----	28	10,941	−41.8	----
200	22	12,116	−56.7	----	23	12,356	−56.0	----	27	12,412	−54.4	----
175	18	12,947	−58.9	----	22	13,195	−61.4	----	26	13,250	−61.2	----
150	11	13,899	−59.7	----	16	14,128	−66.3	----	24	14,192	−67.6	----
125	8	15,002	−58.8	----	8	15,210	−70.0	----	10	15,274	−73.4	----
100	----	----	----	----	7	16,530	−70.2	----	----	----	----	----

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 September 1946*—Continued

Standard pressure surface (mb.)	Columbia, Mo. (989.5 mb.)				Dodge City, Kans. (925.3 mb.)				El Paso, Tex. (880.8 mb.)				Ely, Nev. (809.1 mb.)				Fort Worth, Tex. (991.1 mb.)				Glasgow, Mont. (938.1 mb.)				Grand Junction, Colo. (851.5 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	30	239	18.8	73	29	787	19.1	68	30	1,195	25.1	49	30	1,908	14.9	49	29	211	23.8	72	30	648	13.7	63	30	1,474	20.4	25
1,000	30	148	(*)	----	29	110	(*)	----	30	60	(*)	----	30	63	(*)	----	29	132	(*)	----	30	102	(*)	----	30	54	(*)	----
950	30	595	19.7	64	29	560	(*)	----	30	531	(*)	----	30	520	(*)	----	29	591	22.2	70	30	545	(*)	----	30	520	(*)	----
900	30	1,055	17.1	64	29	1,026	19.6	63	30	1,008	(*)	----	30	994	(*)	----	29	1,049	19.5	71	30	998	13.7	56	30	997	(*)	----
850	30	1,541	14.2	59	29	1,517	17.3	61	30	1,507	23.7	45	30	1,484	(*)	----	29	1,540	16.5	74	30	1,477	10.8	57	30	1,489	(*)	----
800	30	2,051	11.3	59	29	2,033	14.8	60	30	2,034	19.9	49	30	2,004	17.3	28	29	2,055	13.5	75	30	1,979	7.6	58	30	2,013	19.8	23
750	30	2,592	8.7	52	29	2,580	12.2	50	30	2,590	15.5	54	30	2,556	14.0	28	29	2,599	10.7	71	30	2,512	4.3	58	30	2,568	15.3	25
700	30	3,155	5.6	49	29	3,153	8.7	42	30	3,167	10.8	60	30	3,129	9.1	33	29	3,170	7.9	60	30	3,067	1.0	56	30	3,143	10.3	29
650	30	3,762	2.6	44	29	3,763	5.0	40	30	3,783	6.1	63	30	3,738	3.8	40	28	3,783	4.8	47	30	3,662	−2.8	53	30	3,753	4.9	36
600	29	4,404	−1.2	40	29	4,411	0.8	39	30	4,432	1.4	65	30	4,382	−1.1	47	28	4,427	1.0	45	30	4,289	−6.7	51	30	4,399	−0.6	44
550	29	5,093	−5.5	39	29	5,105	−3.4	38	30	5,131	−3.2	64	30	5,069	−6.3	49	28	5,125	−2.9	40	30	4,964	−10.9	52	30	5,087	−5.8	45
500	29	5,834	−10.2	----	29	5,852	−7.9	----	30	5,880	−7.1	56	30	5,808	−11.0	41	27	5,870	−7.3	----	30	5,690	−15.6	52	30	5,828	−10.8	37
450	29	6,646	−15.4	----	29	6,670	−13.1	----	30	6,704	−11.6	49	29	6,620	−16.4	----	26	6,693	−12.3	----	28	6,479	−21.3	----	30	6,638	−16.2	----
400	29	7,519	−21.4	----	29	7,551	−19.6	----	29	7,585	−17.3	42	29	7,487	−22.2	----	25	7,574	−18.3	----	28	7,334	−27.5	----	30	7,507	−22.0	----
350	29	8,489	−28.6	----	29	8,528	−26.9	----	29	8,572	−24.7	----	29	8,455	−29.5	----	24	8,558	−25.4	----	28	8,281	−34.4	----	30	8,474	−29.5	----
300	28	9,575	−36.9	----	29	9,621	−35.0	----	29	9,674	−33.2	----	29	9,536	−37.9	----	22	9,664	−33.5	----	27	9,348	−42.1	----	30	9,554	−37.9	----
250	27	10,811	−46.3	----	29	10,867	−44.5	----	29	10,930	−42.9	----	28	10,777	−46.1	----	19	10,921	−43.3	----	26	10,562	−50.6	----	29	10,781	−47.0	----
200	26	12,263	−55.3	----	27	12,327	−54.5	----	28	12,397	−54.9	----	26	12,234	−54.9	----	19	12,387	−54.4	----	25	11,994	−55.3	----	29	12,229	−55.6	----
175	24	13,107	−58.7	----	25	13,159	−59.2	----	28	13,238	−61.2	----	22	13,077	−58.6	----	17	13,229	−60.0	----	20	12,810	−54.7	----	23	13,068	−59.5	----
150	22	14,078	−62.8	----	19	14,124	−63.4	----	26	14,176	−67.6	----	19	14,028	−61.9	----	8	14,203	−65.6	----	15	13,780	−54.7	----	15	14,042	−64.2	----
125	9	15,143	−65.1	----	7	15,186	−67.2	----	6	15,259	−72.5	----	12	15,131	−65.0	----	----	----	----	----	10	14,912	−54.7	----	8	15,125	−67.1	----
100	----	----	----	----	----	----	----	----	----	----	----	----	5	16,470	−63.2	----	----	----	----	----	----	----	----	----	----	----	----	----

Standard pressure surface (mb.)	Great Falls, Mont. (887.1 mb.)				Greensboro, N. C. (988.4 mb.)				Hatteras, N. C. (1,018.6 mb.)				Habana, Cuba [1] (---- mb.)				Honolulu, T. H. (1,014.1 mb.)				Huntington, W. Va. (999.1 mb.)				International Falls, Minn. (974.5 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	30	1,128	14.0	53	30	273	18.3	84	30	3	22.5	87	----	----	----	----	23	3	28.3	56	30	172	15.0	90	30	360	10.6	82
1,000	30	99	(*)	----	30	172	(*)	----	30	164	21.8	84	----	----	----	----	23	127	26.2	60	30	164	(*)	----	30	141	(*)	----
950	30	545	(*)	----	30	616	18.5	75	30	610	19.5	76	----	----	----	----	23	580	22.1	68	30	605	18.8	60	30	574	11.5	74
900	30	1,010	(*)	----	30	1,077	15.6	74	30	1,072	17.0	71	----	----	----	----	23	1,045	18.3	72	30	1,067	15.8	63	30	1,022	8.8	73
850	30	1,488	13.1	48	30	1,561	12.3	77	30	1,559	14.5	63	----	----	----	----	23	1,533	15.8	65	30	1,550	12.4	66	30	1,493	6.3	71
800	30	1,994	9.4	52	30	2,067	9.7	70	30	2,070	12.2	56	----	----	----	----	23	2,047	14.1	51	30	2,056	9.1	66	30	1,988	3.9	66
750	30	2,532	5.6	55	30	2,603	7.1	63	29	2,616	9.6	50	----	----	----	----	23	2,592	12.1	35	30	2,590	6.3	57	30	2,516	1.4	60
700	30	3,087	1.4	60	30	3,166	4.1	57	29	3,180	6.6	50	----	----	----	----	23	3,164	9.8	----	29	3,152	3.5	50	30	3,063	−1.2	52
650	30	3,682	−2.8	64	30	3,767	0.6	53	29	3,790	3.5	46	----	----	----	----	23	3,777	7.0	----	29	3,753	0.3	49	30	3,654	−4.6	50
600	30	4,309	−6.8	61	30	4,404	−2.4	43	29	4,431	0.0	49	----	----	----	----	23	4,429	3.7	----	28	4,390	−2.9	38	30	4,277	−8.0	48
550	30	4,984	−11.2	56	30	5,089	−6.3	45	28	5,122	−4.0	51	----	----	----	----	23	5,133	−0.7	----	28	5,073	−6.7	----	30	4,946	−11.8	48
500	30	5,708	−16.1	53	30	5,831	−11.0	47	28	5,868	−8.5	49	----	----	----	----	23	5,884	−5.6	----	27	5,815	−11.2	----	30	5,671	−16.4	46
450	30	6,499	−22.0	----	30	6,639	−16.3	49	28	6,686	−13.6	48	----	----	----	----	22	6,710	−11.1	----	27	6,621	−16.6	----	30	6,465	−21.3	----
400	30	7,349	−28.2	----	29	7,510	−22.4	----	27	7,567	−19.3	52	----	----	----	----	21	7,595	−16.9	----	27	7,491	−22.7	----	30	7,317	−26.9	----
350	30	8,292	−35.7	----	28	8,479	−29.8	----	26	8,549	−26.6	----	----	----	----	----	20	8,582	−24.1	----	27	8,457	−29.8	----	30	8,264	−34.3	----
300	30	9,346	−43.6	----	28	9,560	−38.0	----	26	9,643	−35.0	----	----	----	----	----	16	9,692	−32.6	----	27	9,533	−38.1	----	30	9,325	−41.8	----
250	29	10,559	−51.2	----	28	10,790	−47.6	----	26	10,888	−44.9	----	----	----	----	----	15	10,948	−41.9	----	26	10,763	−47.4	----	30	10,540	−49.3	----
200	27	11,989	−55.8	----	28	12,231	−57.1	----	25	12,343	−55.2	----	----	----	----	----	12	12,430	−51.5	----	25	12,210	−56.3	----	28	11,967	−54.8	----
175	21	12,840	−56.4	----	26	13,062	−61.3	----	21	13,183	−59.5	----	----	----	----	----	9	13,286	−57.1	----	24	13,052	−59.9	----	28	12,817	−56.2	----
150	16	13,818	−56.9	----	20	14,029	−65.0	----	5	14,150	−64.7	----	----	----	----	----	6	14,289	−62.8	----	19	13,987	−63.2	----	25	13,797	−57.0	----
125	11	14,946	−56.9	----	10	15,101	−67.8	----	----	----	----	----	----	----	----	----	----	----	----	----	9	15,116	−64.1	----	18	14,906	−56.5	----
100	5	16,288	−56.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	16,333	−57.0	----

Standard pressure surface (mb.)	Joliet, Ill. (997.1 mb.)				Lake Charles, La. (1,014.4 mb.)				Lander, Wyo. (829.8 mb.)				Las Vegas, Nev. (943.0 mb.)				Little Rock, Ark. (1,007.9 mb.)				Mazatlan, Mexico (1,006.6 mb.)				Medford, Oreg. (966.6 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	15.6	79	30	5	23.8	87	30	1,696	13.5	51	30	574	29.1	19	29	79	20.5	80	30	14	29.4	77	30	401	20.4	43
1,000	30	152	(*)	----	30	130	24.3	79	30	86	(*)	----	30	44	(*)	----	29	147	21.7	75	30	73	28.8	78	30	104	(*)	----
950	30	594	17.6	62	30	584	21.7	76	30	538	(*)	----	30	508	(*)	----	29	597	20.6	68	30	536	25.0	81	30	555	21.0	40
900	30	1,052	15.1	62	30	1,048	18.9	76	30	1,007	(*)	----	30	990	28.5	18	29	1,058	17.8	66	30	1,004	22.4	77	30	1,016	17.7	44
850	30	1,535	11.9	63	30	1,538	16.3	74	30	1,491	(*)	----	30	1,492	24.3	19	29	1,545	14.6	70	30	1,501	19.8	74	30	1,501	13.8	48
800	30	2,040	8.6	59	30	2,052	13.7	68	30	2,005	14.2	43	30	2,018	19.7	22	29	2,056	11.6	67	30	2,022	17.1	71	30	2,008	10.0	52
750	30	2,573	5.9	50	30	2,600	10.8	63	30	2,551	10.6	45	30	2,570	14.7	27	29	2,596	8.9	55	30	2,580	14.1	67	30	2,545	6.2	53
700	30	3,133	3.4	42	30	3,166	7.8	57	30	3,117	6.4	48	30	3,146	9.7	32	29	3,162	6.0	49	29	3,152	10.6	69	30	3,104	2.7	47
650	30	3,733	0.3	36	30	3,777	4.3	56	30	3,723	1.8	51	30	3,755	5.0	35	29	3,766	2.9	43	26	3,773	6.7	74	30	3,700	−0.3	40
600	30	4,369	−3.2	----	30	4,422	0.6	59	30	4,360	−3.0	55	30	4,405	1.4	----	29	4,409	−0.8	43	24	4,421	2.5	75	30	4,337	−3.8	35
550	30	5,051	−7.3	----	30	5,117	−3.1	54	30	5,046	−7.6	51	30	5,098	−3.3	----	29	5,099	−4.5	----	23	5,127	−1.8	78	30	5,017	−8.1	36
500	30	5,789	−11.8	----	30	5,866	−7.6	53	30	5,778	−12.7	46	30	5,847	−8.2	----	28	5,842	−9.2	----	22	5,874	−5.9	68	30	5,751	−13.2	38
450	30	6,592	−17.0	----	30	6,687	−12.7	52	30	6,583	−18.8	----	29	6,663	−13.8	----	28	6,652	−14.4	----	22	6,707	−10.8	62	30	6,549	−18.8	----
400	30	7,463	−23.2	----	30	7,568	−18.7	57	30	7,440	−25.2	----	29	7,541	−20.3	----	28	7,531	−20.6	----	22	7,589	−16.3	58	30	7,412	−25.3	----
350	30	8,427	−30.4	----	30	8,549	−25.4	----	29	8,392	−32.6	----	29	8,515	−28.0	----	28	8,501	−27.7	----	19	8,581	−23.3	----	29	8,368	−32.4	----
300	30	9,504	−38.6	----	30	9,649	−33.6	----	28	9,464	−40.5	----	28	9,602	−36.2	----	28	9,594	−35.7	----	17	9,690	−31.5	----	29	9,436	−40.6	----
250	30	10,733	−47.6	----	29	10,905	−43.3	----	26	10,689	−48.9	----	28	10,842	−45.2	----	28	10,837	−44.7	----	12	10,949	−41.8	----	29	10,654	−49.1	----
200	29	12,183	−55.8	----	27	12,372	−54.7	----	24	12,134	−56.3	----	28	12,302	−54.2	----	27	12,302	−54.7	----	10	12,425	−53.7	----	25	12,108	−55.1	----
175	27	13,033	−58.4	----	26	13,217	−60.9	----	21	12,991	−58.9	----	27	13,145	−59.3	----	26	13,142	−59.9	----	8	13,276	−60.2	----	19	12,934	−55.9	----
150	27	13,995	−61.4	----	22	14,159	−67.5	----	18	13,948	−60.8	----	20	14,096	−64.4	----	21	14,092	−65.0	----	5	14,230	−66.7	----	13	13,905	−57.3	----
125	22	15,109	−63.5	----	10	15,225	−72.8	----	14	15,074	−60.5	----	13	15,200	−68.1	----	12	15,194	−69.5	----	----	----	----	----	7	15,072	−59.8	----
100	14	16,450	−63.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

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 September 1946*—Continued

Standard pressure surface (mb.)	Merida, Mexico (1,009.0 mb.)				Miami, Fla. (1,015.4 mb.)				Nantucket, Mass. (1,019.4 mb.)				Nashville, Tenn. (977.3 mb.)				North Platte, Nebr. (917.3 mb.)				Oakland, Calif. (1,011.6 mb.)				Ogden, Utah (864.4 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	27	26.8	80	30	4	25.0	88	30	14	15.6	93	30	180	20.5	76	30	849	16.4	74	30	2	18.0	70	30	1,355	16.5	43
1,000	30	106	26.2	79	30	139	25.4	84	30	178	17.1	85	30	156	(*)	----	30	101	(*)	----	30	101	17.5	69	30	84	(*)	----
950	30	563	23.9	76	30	594	22.5	83	30	619	16.6	68	30	600	20.2	67	30	550	(*)	----	30	549	18.6	52	30	539	(*)	----
900	30	1,031	21.0	76	30	1,060	19.8	80	30	1,075	14.4	67	30	1,065	17.3	70	30	1,012	18.3	66	30	1,005	19.4	30	30	1,009	(*)	----
850	30	1,524	17.9	76	30	1,551	16.7	78	30	1,557	12.1	61	30	1,552	13.9	76	30	1,501	17.1	57	30	1,494	17.2	25	30	1,498	18.6	34
800	29	2,042	15.0	75	30	2,066	13.7	76	30	2,063	9.7	52	30	2,060	10.6	73	30	2,016	14.2	55	30	2,008	14.5	----	30	2,015	15.3	34
750	29	2,590	12.0	72	30	2,611	10.7	74	30	2,600	7.0	48	30	2,599	8.0	59	30	2,563	10.9	54	30	2,552	11.1	----	30	2,561	11.0	37
700	29	3,163	8.7	69	30	3,181	7.5	71	30	3,160	3.8	45	30	3,162	5.1	51	30	3,131	7.5	48	30	3,121	8.1	----	30	3,129	6.8	41
650	28	3,776	5.3	64	29	3,791	4.0	69	30	3,762	0.6	43	29	3,764	1.8	46	30	3,739	3.2	44	30	3,732	4.9	----	30	3,735	2.2	44
600	28	4,424	1.5	61	29	4,434	0.3	61	30	4,398	−2.6	32	29	4,406	−1.8	----	30	4,381	−1.2	40	30	4,377	1.3	----	30	4,374	−2.5	47
550	28	5,121	−2.3	57	28	5,130	−3.6	57	30	5,083	−6.4	----	29	5,094	−5.5	----	30	5,073	−5.8	43	30	5,070	−3.2	----	30	5,058	−7.3	48
500	27	5,872	−6.9	56	27	5,876	−8.0	55	29	5,820	−11.2	----	28	5,835	−10.0	----	29	5,808	−10.5	37	30	5,819	−8.4	----	30	5,795	−12.2	44
450	26	6,696	−11.6	47	25	6,698	−13.0	55	29	6,626	−16.7	----	28	6,645	−15.0	----	29	6,620	−15.9	----	30	6,634	−14.2	----	30	6,509	−17.7	42
400	26	7,581	−17.7	46	25	7,579	−18.5	57	29	7,495	−22.7	----	27	7,517	−21.5	----	29	7,487	−22.4	----	30	7,513	−20.6	----	29	7,462	−24.2	----
350	24	8,566	−24.7	----	25	8,560	−25.9	----	28	8,461	−29.9	----	27	8,491	−28.6	----	29	8,455	−29.6	----	29	8,483	−28.2	----	27	8,420	−31.1	----
300	23	9,666	−33.4	----	25	9,658	−34.5	----	28	9,540	−38.1	----	25	9,567	−37.3	----	29	9,534	−37.9	----	29	9,570	−36.5	----	26	9,491	−39.1	----
250	23	10,919	−43.7	----	25	10,904	−44.9	----	27	10,766	−47.6	----	24	10,797	−47.2	----	29	10,767	−46.5	----	25	10,812	−44.9	----	23	10,722	−47.3	----
200	21	12,380	−55.7	----	23	12,361	−57.1	----	26	12,205	−57.4	----	22	12,246	−55.3	----	28	12,224	−54.8	----	24	12,276	−53.1	----	23	12,171	−54.9	----
175	20	13,213	−62.2	----	22	13,195	−63.6	----	25	13,044	−61.3	----	20	13,099	−58.9	----	27	13,073	−58.5	----	19	13,122	−56.7	----	22	13,013	−57.5	----
150	16	14,159	−68.7	----	12	14,125	−69.0	----	24	13,997	−63.3	----	13	14,042	−62.2	----	24	14,042	−61.6	----	17	14,089	−59.7	----	21	13,984	−60.1	----
125	10	15,247	−74.4	----	7	15,205	−73.5	----	17	15,117	−64.2	----	7	15,154	−66.4	----	16	15,137	−63.2	----	6	15,189	−60.3	----	14	15,128	−61.8	----
100	----	----	----	----	----	----	----	----	9	16,453	−62.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
80	----	----	----	----	----	----	----	----	6	17,849	−60.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Standard pressure surface (mb.)	Oklahoma City, Okla. (970.6 mb.)				Omaha, Nebr. (979.6 mb.)				Phoenix, Ariz. (968.9 mb.)				Pittsburgh, Pa. (975.6 mb.)				Portland, Maine (1018.6 mb.)				Rapid City, S. Dak. (903.2 mb.)				St. Paul, Minn. (988.9 mb.)			
Surface	30	391	21.0	73	30	308	18.8	76	30	339	29.2	52	30	382	18.3	67	28	20	13.6	90	30	981	13.8	68	30	225	15.4	73
1,000	30	129	(*)	----	30	130	(*)	----	30	55	(*)	----	30	168	(*)	----	28	176	15.8	81	30	104	(*)	----	30	126	(*)	----
950	30	579	21.5	68	30	574	18.6	67	30	521	31.4	41	30	616	18.3	62	28	614	15.9	66	30	549	(*)	----	30	568	14.7	66
900	30	1,045	19.0	65	30	1,034	16.3	65	30	999	28.1	41	30	1,072	16.0	60	28	1,070	13.3	67	30	1,010	13.3	66	30	1,021	12.1	69
850	30	1,534	16.2	63	30	1,519	13.7	62	30	1,502	24.1	43	30	1,555	12.5	65	28	1,550	10.9	62	30	1,494	13.8	57	30	1,498	9.4	70
800	30	2,048	13.5	60	30	2,028	11.0	56	30	2,029	19.7	47	30	2,061	9.2	59	28	2,053	8.7	51	30	2,003	10.6	59	30	2,000	6.7	63
750	30	2,591	11.1	54	30	2,569	8.3	53	30	2,586	15.3	49	30	2,599	6.2	53	28	2,589	6.1	46	30	2,542	7.4	58	30	2,532	4.6	54
700	30	3,163	8.0	51	30	3,131	4.5	50	30	3,162	10.7	50	30	3,156	3.4	46	28	3,148	3.6	33	30	3,102	3.9	57	30	3,088	2.0	48
650	30	3.772	4.5	45	30	3,734	1.1	49	30	3,780	6.4	47	30	3,754	0.3	43	28	3,746	0.6	32	30	3,704	0.2	57	30	3,686	−1.3	46
600	30	4,419	0.6	45	30	4,371	−2.7	44	30	4,427	2.1	44	30	4,391	−3.1	35	28	4,383	−3.0	30	30	4,338	−3.8	54	30	4,317	−5.1	45
550	30	5,112	−3.6	38	28	5,054	−6.9	37	29	5,130	−2.2	----	30	5,077	−6.8	----	27	5,071	−7.0	----	29	5,024	−8.3	50	30	4,995	−9.1	42
500	30	5,860	−7.9	35	28	5,791	−11.3	----	29	5,878	−6.8	----	30	5,813	−11.3	----	26	5,807	−11.7	----	29	5,755	−13.1	53	30	5,727	−13.4	42
450	30	6,677	−13.2	38	28	6,600	−16.5	----	29	6,708	−12.2	----	30	6,621	−16.8	----	26	6,614	−17.3	----	29	6,557	−18.5	51	30	6,524	−18.7	----
400	30	7,559	−19.4	38	28	7,468	−23.0	----	29	7,585	−18.1	----	30	7,487	−23.2	----	25	7,475	−23.3	----	29	7,418	−24.9	----	30	7,389	−25.1	----
350	30	8,537	−26.6	----	28	8,432	−30.3	----	28	8,565	−25.6	----	30	8,450	−30.3	----	23	8,444	−30.4	----	29	8,374	−32.1	----	30	8,346	−32.1	----
300	30	9,634	−34.8	----	28	9,510	−38.6	----	27	9,665	−33.9	----	30	9,527	−38.4	----	23	9,520	−38.6	----	29	9,444	−40.1	----	30	9,417	−40.0	----
250	30	10,880	−44.0	----	28	10,738	−47.3	----	26	10,917	−43.5	----	30	10,756	−47.3	----	23	10,747	−48.1	----	29	10,664	−48.6	----	30	10,639	−48.7	----
200	30	12,342	−54.6	----	28	12,185	−55.8	----	26	12,382	−54.8	----	30	12,200	−55.9	----	22	12,177	−57.6	----	26	12,136	−56.1	----	30	12,078	−56.6	----
175	28	13,185	−59.9	----	26	13,034	−58.8	----	25	13,227	−60.8	----	28	13,052	−58.5	----	21	13,012	−60.6	----	25	12,976	−58.6	----	29	12,914	−58.4	----
150	24	14,136	−65.4	----	24	13,984	−61.3	----	20	14,165	−66.7	----	25	14,007	−61.6	----	21	13,965	−62.2	----	19	13,945	−59.8	----	27	13,880	−59.6	----
125	8	15,216	−69.2	----	13	15,082	−62.6	----	8	15,249	−71.2	----	18	15,101	−63.0	----	17	15,109	−63.8	----	13	15,092	−62.2	----	22	15,019	−60.6	----
100	----	----	----	----	7	16,446	−60.7	----	----	----	----	----	11	16,479	−64.8	----	10	16,476	−63.2	----	6	16,470	−64.4	----	10	16,381	−59.2	----

Standard pressure surface (mb.)	San Antonio, Tex. (986.1 mb.)				San Juan, P. R. (1,014.0 mb.)				Santa Maria, Calif. (1,003.5 mb.)				Sault Ste. Marie, Mich. (991.4 mb.)				Spokane, Wash. (944.4 mb.)				Swan Island, W. I. (1,011.2 mb.)				Tacubaya, Mexico (7/3.4 mb.)			
Surface	30	240	24.4	84	30	15	25 5	86	30	71	14.9	81	30	221	11.5	88	30	598	15.9	58	29	10	26.7	84	30	2,306	16.7	73
1,000	30	117	(*)	----	30	137	24.7	86	30	100	14.8	80	30	147	(*)	----	30	106	(*)	----	29	109	26.0	84	30	51	(*)	----
950	30	568	23.2	82	30	594	22.1	88	30	546	19.3	56	30	581	12.8	75	30	550	(*)	----	29	567	22.8	85	30	516	(*)	----
900	30	1,039	19.6	84	30	1,057	19.4	86	30	1,005	21.2	35	30	1,032	10.6	72	30	1,007	15.4	50	29	1,030	19.9	82	30	991	(*)	----
850	30	1,532	17.4	83	30	1,548	16.8	78	30	1,497	18.6	32	30	1,506	8.3	64	30	1,488	11.6	52	29	1,522	17.0	78	30	1,488	(*)	----
800	30	2,049	14.7	79	30	2,064	14.1	74	30	2,013	15.4	30	30	2,005	5.6	61	30	1,992	7.8	57	29	2,038	14.2	74	30	2,018	(*)	----
750	30	2,596	11.8	74	30	2,610	11.2	68	30	2,564	11.9	29	30	2,536	3.4	50	30	2,523	3.9	58	29	2,585	11.3	67	30	2,570	14.8	74
700	30	3,168	8.6	70	30	3,181	8.1	61	30	3,130	8.8	26	29	3,089	0.7	48	30	3,077	0.2	69	29	3,155	7.9	63	30	3,149	10.4	79
650	29	3,778	5.3	63	30	3,793	4.6	59	30	3,740	6.0	----	29	3,685	−2.7	49	30	3,669	−3.2	54	29	3,766	4.2	59	30	3,766	5.9	87
600	28	4,429	1.9	53	30	4,438	1.0	58	30	4,390	1.9	----	29	4,312	−6.0	41	29	4,298	−7.0	55	27	4,411	0.4	58	30	4,415	1.6	90
550	28	5,126	−1.8	50	30	5,135	−3.1	52	30	5,087	−2.5	----	29	4,992	−10.1	41	29	4,973	−11.4	53	27	5,104	−3.6	50	30	5,114	−2.6	90
500	27	5,878	−6.4	51	29	5,881	−7.6	46	30	5,834	−7.7	----	29	5,716	−15.0	44	28	5,695	−16.3	49	26	5,852	−8.0	55	30	5,864	−6.3	76
450	27	6,700	−11.5	44	28	6,704	−12.9	51	30	6,652	−13.4	----	28	6,511	−20.3	44	28	6,485	−22.0	----	26	6,671	−12.7	57	29	6,694	−11.0	65
400	27	7,588	−17.4	42	28	7,584	−18.9	55	29	7,530	−19.8	----	28	7,367	−26.6	----	28	7,335	−28.4	----	26	7,557	−18.3	57	29	7,581	−16.2	56
350	24	8,571	−24.4	----	28	8,565	−25.8	----	29	8,505	−27.5	----	28	8,314	−33.4	----	28	8,277	−35.6	----	26	8,538	−25.1	----	29	8,571	−23.7	----
300	23	9,676	−32.8	----	28	9,663	−33.9	----	29	9,595	−35.9	----	28	9,383	−41.1	----	28	9,332	−43.5	----	25	9,638	−33.6	----	27	9,680	−32.1	----
250	23	10,933	−42.7	----	28	10,915	−43.5	----	29	10,837	−44.6	----	27	10,600	−48.7	----	27	10,542	−51.1	----	25	10,890	−43.9	----	27	10,942	−42.3	----
200	20	12,403	−54.4	----	28	12,380	−54.5	----	26	12,291	−53.7	----	27	12,045	−55.4	----	26	11,979	−55.4	----	25	12,346	−56.4	----	27	12,410	−55.0	----
175	20	13,245	−61.1	----	23	13,223	−60.5	----	25	13,139	−58.9	----	26	12,887	−57.1	----	24	12,830	−56.0	----	25	13,179	−63.2	----	22	13,248	−62.1	----
150	12	14,191	−67.6	----	16	14,167	−65.8	----	22	14,100	−64.0	----	25	13,858	−58.7	----	19	13,800	−55.9	----	22	14,114	−70.0	----	12	14,187	−70.0	----
125	----	----	----	----	8	15,272	−67.5	----	14	15,197	−67.5	----	17	14,973	−58.9	----	15	14,960	−57.0	----	14	15,172	−74.6	----	----	----	----	----
100	----	----	----	----	----	----	----	----	6	16,533	−69.1	----	8	16,390	−59.0	----	6	16,309	−54.0	----	----	----	----	----	----	----	----	----
80	----	----	----	----	----	----	----	----	----	----	----	----	5	17,789	−56.1	----	----	----	----	----	----	----	----	----	----	----	----	----

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 September 1946*—Continued

Standard pressure surface (mb.)	Tampa, Fla. (1,015.3 mb.)				Tatoosh Island, Wash. (1,012.4 mb.)				Toledo, Ohio (996.1 mb.)				Washington, D. C. (1,017.4 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
Surface	27	9	24.3	89	30	31	12.2	90	30	191	16.6	74	30	25	20.1	80
1,000	27	142	24.1	86	30	134	12.1	86	30	157	(*)	----	30	174	20.3	74
950	27	593	22.1	81	30	571	11.4	76	30	599	18.0	62	30	619	18.2	69
900	27	1,060	19.3	80	30	1,014	9.7	71	30	1,059	15.1	62	30	1,077	15.4	66
850	27	1,551	16.3	79	30	1,488	7.5	66	30	1,541	12.1	62	30	1,560	12.4	66
800	27	2,065	13.2	78	30	1,985	5.0	58	30	2,046	9.0	63	30	2,066	9.6	61
750	27	2,604	10.0	74	30	2,516	2.3	55	30	2,583	5.8	56	30	2,607	6.7	54
700	27	3,177	6.9	69	30	3,063	−0.8	52	30	3,140	2.7	50	30	3,163	3.6	51
650	27	3,781	3.6	66	30	3,657	−4.1	53	29	3,740	−0.3	42	29	3,768	0.5	47
600	27	4,430	0.0	62	30	4,279	−7.7	51	29	4,374	−3.4	35	29	4,403	−2.7	41
550	27	5,119	−3.6	55	29	4,954	−11.7	49	29	5,055	−7.3	34	29	5,091	−6.5	----
500	27	5,869	−7.9	51	29	5,674	−16.3	51	29	5,794	−11.9	----	29	5,828	−10.9	----
450	27	6,683	−13.0	51	27	6,469	−21.7	----	28	6,600	−17.4	----	29	6,637	−16.2	----
400	27	7,567	−19.0	49	27	7,319	−27.7	----	28	7,465	−23.5	----	29	7,508	−22.4	----
350	27	8,547	−26.0	----	27	8,265	−34.4	----	28	8,427	−30.5	----	29	8,473	−30.1	----
300	27	9,644	−34.4	----	26	9,339	−41.7	----	28	9,504	−38.5	----	29	9,551	−38.5	----
250	27	10,890	−44.7	----	25	10,557	−49.8	----	26	10,735	−47.3	----	29	10,779	−47.8	----
200	27	12,341	−56.9	----	22	12,000	−54.6	----	25	12,185	−55.3	----	28	12,220	−56.9	----
175	27	13,172	−63.6	----	17	12,846	−54.9	----	24	13,030	−58.4	----	25	13,046	−60.1	----
150	21	14,112	−68.9	----	14	13,822	−55.1	----	21	14,010	−61.4	----	25	14,000	−63.1	----
125	7	15,197	−74.3	----	8	14,990	−55.0	----	15	15,121	−62.8	----	18	15,105	−65.5	----
100	----	----	----	----	----	----	----	----	10	16,492	−62.4	----	7	16,461	−64.8	----

[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 HONOLULU, T. H., AND SWAN ISLAND, W. I.

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 August 1946*

STATIONS AND MEAN SURFACE PRESSURES

Standard pressure surface (mb.)	Honolulu, T. H. (1,014.7mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity
Surface	27	3	28.7	57
1,000	27	129	26.0	62
950	27	584	22.3	68
900	27	1,047	18.6	72
850	27	1,536	16.6	64
800	27	2,052	15.2	42
750	27	2,599	12.6	34
700	27	3,171	9.7	30
650	27	3,783	7.1	----
600	26	4,437	4.1	----
550	24	5,144	0.3	----
500	24	5,899	−4.9	----
450	22	6,730	−10.1	----
400	21	7,618	−16.0	----
350	18	8,606	−22.9	----
300	14	9,712	−33.5	----
250	13	10,974	−41.1	----
200	10	12,455	−52.0	----
175	7	13,300	−57.6	----
150	----	----	----	----
125	----	----	----	----

Standard pressure surface (mb.)	Swan Island, W. I. (1,013.2 mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity
Surface	31	10	26.9	81
1,000	31	126	26.0	81
950	31	581	22.7	82
900	31	1,047	19.8	79
850	31	1,538	17.0	70
800	31	2,054	14.3	63
750	30	2,600	11.3	56
700	30	3,171	8.2	52
650	30	3,784	4.6	48
600	29	4,429	0.7	52
550	28	5,117	−3.6	52
500	28	5,867	−8.2	51
450	28	6,686	−13.1	48
400	28	7,567	−18.7	48
350	28	8,548	−25.8	----
300	27	9,645	−34.2	----
250	27	10,894	−44.3	----
200	26	12,351	−56.3	----
175	25	13,187	−62.9	----
150	19	14,131	−68.8	----
125	8	15,189	−74.1	----