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METEOROLOGICAL AND CLIMATOLOGICAL DATA FOR MARCH 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 March 1946*

STATIONS AND MEAN SURFACE PRESSURES

Standard pressure surface (mb.)	Albany, N. Y. (1,006.2 mb.)				Albuquerque, N. Mex. (834.7 mb.)				Apalachicola, Fla. (1,017.0 mb.)				Atlanta, Ga. (982.3 mb.)				Big Spring, Tex. (924.5 mb.)				Bismarck, N. Dak. (952.7 mb.)				Boise, Idaho (913.7 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	5.4	67	31	1,620	9.7	35	31	5	16.3	84	31	300	13.8	69	31	774	13.7	39	31	505	2.1	77	31	868	6.8	61
1,000	31	143	(*)	----	31	86	(*)	----	31	149	17.0	76	31	148	(*)	----	31	104	(*)	----	31	108	(*)	----	31	117	(*)	----
950	31	564	5.0	61	31	528	(*)	----	31	585	15.8	65	31	585	14.2	61	31	542	(*)	----	31	526	(*)	----	31	551	(*)	----
900	31	1,002	3.5	56	31	984	(*)	----	31	1,043	12.9	63	31	1,037	11.2	61	31	1,000	14.1	37	31	965	2.8	68	31	992	7.5	55
850	31	1,464	1.3	56	31	1,467	(*)	----	31	1,522	10.6	53	31	1,512	8.3	57	31	1,480	11.5	33	31	1,426	1.8	64	31	1,461	4.6	53
800	31	1,950	−0.8	51	31	1,972	8.6	33	31	2,025	9.0	42	31	2,010	6.0	49	31	1,984	8.7	32	31	1,912	0.0	58	31	1,951	0.7	60
750	31	2,467	−3.1	51	31	2,501	4.5	35	31	2,559	6.5	37	31	2,543	3.8	36	31	2,519	5.5	33	31	2,431	−2.0	55	31	2,471	−3.1	64
700	31	3,007	−5.4	45	31	3,059	0.0	41	31	3,119	3.6	----	31	3,093	1.1	----	31	3,075	2.0	33	31	2,971	−5.9	54	31	3,009	−6.5	66
650	31	3,589	−8.5	41	31	3,644	−4.8	46	31	3,715	0.0	----	31	3,688	−2.3	----	31	3,668	−2.0	36	31	3,549	−9.5	54	31	3,589	−10.0	65
600	31	4,201	−12.1	----	31	4,272	−9.4	50	31	4,352	−3.8	----	30	4,313	−6.4	----	31	4,300	−6.4	35	31	4,163	−12.2	62	31	4,197	−14.0	69
550	31	4,861	−16.4	----	31	4,937	−13.9	50	31	5,029	−8.5	----	30	4,990	−10.7	----	31	4,974	−11.0	----	31	4,823	−18.2	65	31	4,855	−18.1	66
500	30	5,574	−21.3	----	31	5,656	−19.0	46	31	5,764	−13.4	----	30	5,714	−15.5	----	31	5,700	−16.1	----	31	5,525	−23.3	----	31	5,558	−22.8	----
450	30	6,350	−26.6	----	31	6,434	−24.6	----	31	6,561	−19.0	----	30	6,508	−21.0	----	30	6,483	−22.2	----	31	6,296	−28.9	----	31	6,329	−28.2	----
400	29	7,183	−32.8	----	29	7,287	−30.7	----	30	7,420	−25.4	----	30	7,360	−27.1	----	30	7,337	−28.5	----	31	7,120	−35.1	----	30	7,157	−34.3	----
350	29	8,109	−39.7	----	29	8,223	−37.8	----	30	8,375	−32.5	----	30	8,307	−34.6	----	30	8,280	−35.5	----	31	8,037	−42.4	----	29	8,073	−41.4	----
300	29	9,145	−47.1	----	29	9,267	−45.7	----	30	9,442	−40.6	----	30	9,366	−42.2	----	28	9,342	−42.5	----	30	9,064	−50.2	----	29	9,102	−48.9	----
250	29	10,330	−54.6	----	29	10,458	−53.8	----	29	10,661	−49.5	----	29	10,572	−50.4	----	25	10,567	−49.7	----	22	10,246	−56.2	----	28	10,275	−55.6	----
200	24	11,745	−58.2	----	25	11,873	−55.7	----	29	12,099	−56.1	----	27	12,002	−56.7	----	22	12,005	−54.5	----	14	11,622	−58.7	----	23	11,681	−55.3	----
175	22	12,587	−56.1	----	20	12,714	−54.2	----	29	12,942	−58.6	----	25	12,851	−57.0	----	19	12,848	−54.8	----	12	12,457	−56.9	----	20	12,539	−53.4	----
150	17	13,550	−54.7	----	16	13,692	−56.4	----	23	13,894	−60.7	----	21	13,824	−57.3	----	12	13,797	−56.8	----	10	13,426	−55.0	----	16	13,539	−53.4	----
125	16	14,707	−57.1	----	12	14,864	−60.4	----	21	15,017	−63.7	----	17	14,952	−60.1	----	5	14,878	−59.5	----	7	14,564	−54.7	----	8	14,708	−53.7	----
100	5	16,159	−60.4	----	----	------	------	----	12	16,354	−67.9	----	5	16,357	−64.7	----	----	------	------	----	----	------	------	----	----	------	------	----
80	----	------	------	----	----	------	------	----	6	17,661	−70.5	----	----	------	------	----	----	------	------	----	----	------	------	----	----	------	------	----

Standard pressure surface (mb.)	Brownsville, Tex. (1,013.0 mb.)				Buffalo, N. Y. (990.5 mb.)				Burrwood, La. (1,016.7 mb.)				Caribou, Maine (992.0 mb.)				Charleston, S. C. (1,016.5 mb.)				Ciudad Victoria, Mexico (973.1 mb.)				Clovis, N. Mex. (866.0 mb.)			
Surface	31	6	18.8	83	30	221	5.3	74	31	2	16.3	89	31	191	−2.4	79	31	14	14.6	78	30	335	24.4	44	31	1,306	9.2	37
1,000	31	117	19.4	78	30	141	(*)	----	31	143	17.1	80	31	125	(*)	----	31	153	16.0	71	30	94	(*)	----	31	85	(*)	----
950	31	563	18.7	60	30	567	6.3	64	31	584	15.1	68	31	538	−1.6	67	31	593	14.9	61	30	546	23.2	45	31	529	(*)	----
900	31	1,021	17.1	49	30	1,004	4.9	59	31	1,037	12.8	57	31	964	−3.2	69	31	1,044	12.2	59	30	1,013	20.1	47	31	983	(*)	----
850	31	1,508	16.4	33	30	1,468	2.5	57	31	1,515	11.1	42	31	1,414	−4.8	67	31	1,521	9.5	60	30	1,503	16.7	48	31	1,461	11.1	34
800	31	2,022	14.2	33	30	1,956	0.2	56	31	2,020	9.6	35	31	1,889	−6.9	58	31	2,022	7.2	53	30	2,017	13.9	47	31	1,964	8.3	35
750	31	2,566	11.5	28	30	2,477	−2.5	54	31	2,557	7.4	----	31	2,393	−9.1	61	31	2,558	4.7	45	30	2,562	11.5	43	31	2,496	4.4	38
700	31	3,136	8.0	27	30	3,016	−5.0	50	31	3,118	4.2	----	31	2,921	−11.7	54	31	3,110	1.8	36	30	3,133	8.7	34	31	3,050	0.4	38
650	31	3,744	3.8	30	30	3,602	−8.4	52	31	3,718	0.4	----	31	3,491	−14.1	52	31	3,705	−1.7	----	30	3,743	4.9	29	31	3,642	−3.7	40
600	31	4,387	−1.0	33	30	4,211	−12.2	51	31	4,353	−3.9	----	31	4,090	−17.3	49	31	4,337	−5.6	----	30	4,390	0.3	31	31	4,268	−8.4	41
550	31	5,073	−6.5	39	30	4,873	−16.3	47	31	5,035	−8.4	----	31	4,739	−21.2	----	31	5,013	−10.0	----	30	5,082	−4.4	32	31	4,937	−13.2	45
500	31	5,811	−12.1	41	30	5,582	−21.1	----	31	5,767	−13.5	----	31	5,434	−25.7	----	29	5,737	−14.6	----	30	5,825	−9.9	32	31	5,656	−17.8	----
450	31	6,612	−17.4	40	29	6,361	−26.3	----	31	6,566	−19.3	----	31	6,195	−30.7	----	28	6,534	−20.1	----	29	6,633	−15.5	36	31	6,441	−23.6	----
400	30	7,479	−23.9	----	29	7,195	−32.5	----	31	7,427	−25.6	----	31	7,017	−36.5	----	28	7,391	−26.2	----	29	7,507	−21.9	----	31	7,286	−29.9	----
350	30	8,438	−31.4	----	29	8,121	−39.5	----	30	8,378	−32.7	----	31	7,930	−42.7	----	27	8,345	−33.4	----	28	8,471	−29.4	----	30	8,232	−37.0	----
300	30	9,510	−39.6	----	27	9,160	−46.5	----	28	9,444	−40.7	----	31	8,956	−48.9	----	27	9,410	−41.1	----	28	9,555	−37.8	----	30	9,280	−44.5	----
250	30	10,732	−48.7	----	26	10,352	−53.0	----	28	10,661	−49.6	----	30	10,138	−53.9	----	24	10,627	−48.8	----	28	10,786	−46.8	----	30	10,478	−52.4	----
200	30	12,170	−56.5	----	24	11,781	−57.8	----	21	12,103	−56.2	----	26	11,568	−53.5	----	21	12,062	−54.7	----	28	12,233	−54.9	----	28	11,902	−56.8	----
175	27	13,006	−59.7	----	20	12,626	−55.3	----	21	12,945	−59.0	----	22	12,434	−52.9	----	19	12,912	−56.5	----	26	13,077	−59.2	----	24	12,741	−55.7	----
150	21	13,963	−62.3	----	14	13,610	−54.7	----	19	13,910	−61.3	----	21	13,430	−54.3	----	17	13,882	−57.9	----	22	14,029	−62.1	----	24	13,720	−56.8	----
125	16	15,069	−64.8	----	12	14,768	−56.2	----	10	15,022	−64.7	----	15	14,594	−54.5	----	15	15,010	−61.3	----	17	15,160	−66.0	----	17	14,839	−59.6	----
100	8	16,402	−68.9	----	7	16,219	−59.1	----	----	------	------	----	10	16,022	−56.4	----	7	16,312	−63.1	----	10	16,498	−70.9	----	7	16,242	−62.4	----

See footnotes at end of table.

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

STATIONS AND MEAN SURFACE PRESSURES—Continued

Standard pressure surface (mb.)	Columbia, Mo. (984.6 mb.)				Denver, Colo. (833.3 mb.)				Dodge City, Kans. (920.9 mb.)				El Paso, Tex. (877.8 mb.)				Ely, Nev. (805.5 mb.)				Fort Worth, Tex. (988.8 mb.)				Glasgow, Mont. (935.8 mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity
Surface	31	234	11.9	69	31	1,616	6.7	41	30	787	8.9	62	31	1,195	14.5	25	31	1,908	1.8	66	30	211	15.5	60	30	648	1.6	76
1,000	31	102	(*)	----	31	82	(*)	----	30	92	(*)	----	31	94	(*)	----	31	122	(*)	----	30	114	(*)	----	30	100	(*)	----
950	31	536	11.2	65	31	521	(*)	----	30	528	(*)	----	31	547	(*)	----	31	556	(*)	----	30	554	15.5	55	30	530	(*)	----
900	31	982	8.8	65	31	976	(*)	----	30	977	10.2	55	31	1,009	(*)	----	31	1,004	(*)	----	30	1,007	13.2	55	30	965	4.4	57
850	31	1,454	6.3	62	31	1,450	(*)	----	30	1,450	8.3	50	31	1,485	13.9	26	31	1,469	(*)	----	30	1,485	10.4	51	30	1,432	1.4	58
800	31	1,949	3.7	60	31	1,951	6.4	38	30	1,949	6.2	44	31	1,992	10.0	29	31	1,965	(*)	----	30	1,987	8.1	41	30	1,913	−1.0	53
750	31	2,475	0.7	52	31	2,477	2.6	39	30	2,480	3.3	41	31	2,530	5.7	33	31	2,491	0.0	54	30	2,520	5.5	37	30	2,429	−3.9	53
700	31	3,021	−2.5	52	31	3,020	−1.4	43	30	3,031	−0.4	37	31	3,084	1.5	39	31	3,033	−4.0	57	30	3,078	2.3	38	30	2,967	−7.2	55
650	31	3,612	−6.2	51	31	3,616	−6.1	48	30	3,623	−4.3	35	31	3,681	−2.5	35	31	3,617	−7.6	53	30	3,671	−2.6	38	30	3,544	−10.8	52
600	30	4,227	−10.0	45	31	4,236	−10.9	52	30	4,245	−8.6	37	31	4,306	−7.1	37	31	4,232	−11.6	53	30	4,304	−5.9	41	30	4,152	−14.8	53
550	30	4,896	−14.5	43	31	4,898	−15.7	53	30	4,913	−13.5	----	31	4,980	−11.8	39	31	4,893	−16.1	55	30	4,979	−10.2	37	30	4,804	−19.2	53
500	30	5,607	−19.4	----	31	5,611	−20.9	53	30	5,631	−19.0	----	31	5,702	−17.1	39	31	5,604	−20.7	45	30	5,706	−15.7	----	29	5,514	−23.6	----
450	30	6,386	−25.3	----	31	6,387	−26.7	----	30	6,413	−24.9	----	31	6,490	−22.9	----	31	6,382	−26.1	----	29	6,493	−21.6	----	28	6,281	−29.4	----
400	29	7,222	−31.5	----	29	7,227	−33.1	----	20	7,252	−31.6	----	31	7,336	−29.2	----	31	7,217	−32.5	----	29	7,348	−27.8	----	28	7,106	−35.8	----
350	29	8,153	−38.3	----	29	8,152	−40.3	----	30	8,184	−38.3	----	31	8,277	−35.8	----	31	8,145	−39.4	----	29	8,293	−34.8	----	27	8,022	−42.9	----
300	29	9,197	−45.4	----	28	9,189	−48.0	----	30	9,227	−45.4	----	31	9,332	−43.0	----	31	9,182	−47.2	----	28	9,348	−42.6	----	23	9,024	−50.6	----
250	28	10,390	−52.1	----	28	10,370	−55.1	----	30	10,423	−52.8	----	29	10,540	−51.0	----	30	10,359	−54.9	----	26	10,573	−50.6	----	22	10,201	−55.7	----
200	22	11,821	−55.4	----	18	11,776	−55.9	----	25	11,867	−55.8	----	25	11,975	−55.6	----	28	11,766	−57.3	----	24	12,015	−54.2	----	16	11,604	−53.2	----
175	12	12,640	−52.9	----	16	12,616	−54.2	----	23	12,730	−55.4	----	22	12,816	−55.8	----	21	12,618	−54.3	----	21	12,841	−54.7	----	15	12,461	−51.4	----
150	8	13,592	−52.8	----	14	13,596	−54.5	----	21	13,718	−56.4	----	22	13,794	−57.6	----	17	13,611	−54.3	----	18	13,852	−57.4	----	11	13,483	−51.3	----
125	5	14,746	−56.2	----	7	14,745	−56.9	----	17	14,861	−57.4	----	17	14,921	−60.5	----	8	14,799	−56.6	----	12	15,030	−60.3	----	7	14,623	−51.6	----
100	----	----	----	----	----	----	----	----	10	16,273	−59.4	----	7	16,309	−63.8	----	----	----	----	----	6	16,293	−65.4	----	----	----	----	----

Standard pressure surface (mb.)	Grand Junction, Colo.[1] (855.2 mb.)				Great Falls, Mont. (881.8 mb.)				Green Bay, Wis. (992.7 mb.)				Greensboro, N. C. (986.1 mb.)				Hatteras, N. C. (1,018.0 mb.)				Havana, Cuba[2] (---- mb.)				Huntington, W. Va. (995.6 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	26	1,414	7.0	47	31	1,128	4.6	52	31	182	3.0	77	31	273	10.8	73	30	3	13.2	87	----	----	----	----	30	172	8.6	77
1,000	29	102	(*)	----	31	86	(*)	----	31	121	(*)	----	31	155	(*)	----	30	154	13.9	76	----	----	----	----	30	134	(*)	----
950	29	544	(*)	----	31	516	(*)	----	31	541	5.1	62	31	588	11.4	66	30	583	12.6	69	----	----	----	----	30	564	11.2	59
900	29	997	(*)	----	31	963	(*)	----	31	980	4.0	57	31	1,035	8.9	64	29	1,038	10.5	66	----	----	----	----	30	1,012	8.7	62
850	29	1,466	(*)	----	31	1,428	4.3	47	31	1,444	2.4	56	31	1,506	6.3	61	29	1,512	7.9	60	----	----	----	----	30	1,483	5.6	67
800	29	1,964	5.2	43	31	1,918	0.6	50	31	1,932	0.8	50	31	2,002	4.2	55	29	2,011	5.9	58	----	----	----	----	30	1,976	2.7	63
750	29	2,491	0.9	49	31	2,435	−3.2	55	31	2,454	−1.7	49	31	2,528	1.6	51	29	2,539	3.5	54	----	----	----	----	30	2,500	0.2	49
700	29	3,037	−3.3	54	31	2,975	−7.0	61	29	2,996	−4.7	46	31	3,077	−1.5	47	29	3,093	0.6	57	----	----	----	----	30	3,047	−2.6	40
650	29	3,622	−7.7	56	31	3,554	−11.0	65	29	3,579	−8.3	43	31	3,665	−4.7	45	28	3,688	−2.4	----	----	----	----	----	29	3,635	−6.1	----
600	29	4,236	−11.9	56	30	4,159	−14.7	61	29	4,192	−12.3	43	31	4,288	−8.2	43	28	4,318	−6.2	----	----	----	----	----	29	4,255	−9.7	----
550	28	4,895	−16.6	52	30	4,813	−19.4	60	27	4,851	−16.8	----	31	4,958	−13.0	37	27	4,998	−10.5	----	----	----	----	----	29	4,922	−13.9	----
500	28	5,602	−21.8	----	30	5,513	−24.7	----	27	5,558	−22.0	----	31	5,677	−17.7	----	27	5,736	−15.3	----	----	----	----	----	29	5,639	−18.9	----
450	27	6,370	−27.6	----	30	6,277	−30.4	----	27	6,331	−27.7	----	31	6,462	−23.3	----	24	6,518	−20.5	----	----	----	----	----	29	6,417	−24.5	----
400	27	7,201	−34.1	----	30	7,098	−36.6	----	27	7,161	−34.1	----	31	7,308	−29.6	----	24	7,374	−26.6	----	----	----	----	----	29	7,265	−30.6	----
350	27	8,121	−41.5	----	30	8,008	−44.0	----	26	8,079	−41.2	----	30	8,245	−36.7	----	24	8,323	−33.8	----	----	----	----	----	29	8,200	−37.2	----
300	27	9,148	−49.4	----	30	9,026	−51.0	----	26	9,109	−48.6	----	30	9,294	−44.2	----	22	9,402	−41.4	----	----	----	----	----	28	9,243	−44.4	----
250	21	10,357	−55.2	----	29	10,198	−56.8	----	22	10,300	−55.0	----	29	10,496	−51.8	----	20	10,626	−49.7	----	----	----	----	----	28	10,444	−51.3	----
200	15	11,765	−57.0	----	21	11,617	−55.1	----	20	11,725	−57.9	----	24	11,930	−56.1	----	17	12,057	−55.9	----	----	----	----	----	22	11,883	−55.4	----
175	13	12,625	−54.8	----	18	12,478	−53.7	----	19	12,578	−54.9	----	19	12,790	−57.4	----	10	12,889	−55.0	----	----	----	----	----	20	12,737	−54.3	----
150	13	13,609	−54.9	----	16	13,482	−52.5	----	19	13,564	−54.7	----	15	13,759	−58.1	----	7	13,884	−56.0	----	----	----	----	----	18	13,722	−55.6	----
125	5	14,765	−54.7	----	8	14,667	−53.2	----	18	14,732	−56.6	----	9	14,910	−61.1	----	----	----	----	----	----	----	----	----	12	14,858	−58.1	----
100	----	----	----	----	----	----	----	----	13	16,143	−59.1	----	----	----	----	----	----	----	----	----	----	----	----	----	6	16,323	−61.0	----
80	----	----	----	----	----	----	----	----	8	17,536	−60.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Standard pressure surface (mb.)	International Falls, Minn. (972.6 mb.)				Joliet, Ill. (992.8 mb.)				Lake Charles, La. (1,015.4 mb.)				Lander, Wyo. (832.1 mb.)				Las Vegas, Nev. (945.9 mb.)				Little Rock, Ark. (1,004.9 mb.)				Louisville, Ky. (995.4 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	343	0.7	68	30	178	6.6	82	31	5	15.8	83	30	1,632	3.1	59	31	574	14.9	27	31	79	14.1	69	30	165	12.0	70
1,000	31	117	(*)	----	30	118	(*)	----	31	135	16.5	74	30	108	(*)	----	31	98	(*)	----	31	120	(*)	----	30	125	(*)	----
950	31	531	1.1	62	30	543	7.7	72	31	576	15.3	60	30	540	(*)	----	31	541	(*)	----	31	557	13.2	62	30	555	12.4	61
900	31	965	−0.1	61	30	986	6.4	66	31	1,028	12.6	57	30	988	(*)	----	31	995	14.3	26	31	1,006	10.3	63	30	1,008	9.4	63
850	31	1,422	−1.2	53	30	1,454	4.7	60	31	1,506	10.8	46	30	1,456	(*)	----	31	1,473	10.4	29	31	1,480	8.0	58	30	1,479	6.2	65
800	31	1,904	−2.8	54	30	1,946	2.6	58	31	2,010	9.2	35	30	1,952	3.6	49	31	1,974	6.2	34	31	1,978	5.5	53	30	1,974	3.7	62
750	31	2,422	−5.2	55	30	2,470	−0.1	55	31	2,582	7.3	28	30	2,472	−0.1	49	31	2,502	2.2	39	31	2,508	2.8	47	30	2,495	1.0	60
700	31	2,953	−8.0	58	30	3,016	−3.3	55	31	3,107	4.1	28	30	3,020	−4.0	53	31	3,052	−1.9	43	31	3,058	0.2	40	30	3,047	−2.1	57
650	31	3,532	−11.4	58	29	3,601	−6.9	58	30	3,712	0.7	----	30	3,601	−8.2	55	31	3,639	−5.9	45	31	3,652	−3.1	40	29	3,631	−5.6	56
600	31	4,134	−15.2	59	28	4,215	−10.9	56	30	4,347	−3.8	----	30	4,217	−12.6	55	30	4,261	−9.8	45	31	4,278	−6.9	36	29	4,256	−9.4	51
550	31	4,789	−19.3	54	28	4,880	−15.2	53	29	5,029	−8.5	----	30	4,875	−17.1	48	29	4,929	−13.9	----	30	4,955	−11.3	----	29	4,922	−13.7	48
500	30	5,495	−23.6	----	28	5,592	−20.2	54	28	5,763	−13.7	----	30	5,583	−22.4	----	29	5,644	−18.9	----	29	5,675	−16.6	----	29	5,641	−19.0	48
450	30	6,266	−28.9	----	28	6,372	−25.7	----	28	6,561	−19.6	----	30	6,356	−28.2	----	29	6,422	−24.8	----	29	6,465	−22.2	----	29	6,416	−24.7	----
400	30	7,089	−35.2	----	27	7,206	−31.9	----	27	7,423	−25.7	----	30	7,183	−34.1	----	29	7,266	−31.3	----	29	7,313	−28.3	----	29	7,263	−31.1	----
350	28	8,010	−42.4	----	27	8,136	−38.9	----	26	8,377	−32.8	----	30	8,104	−41.3	----	29	8,197	−38.3	----	29	8,256	−34.8	----	29	8,197	−37.7	----
300	28	9,034	−49.9	----	27	9,177	−46.3	----	26	9,444	−41.3	----	30	9,132	−48.9	----	29	9,240	−45.8	----	29	9,315	−42.3	----	28	9,249	−44.5	----
250	24	10,204	−56.0	----	27	10,370	−53.4	----	24	10,661	−49.7	----	30	10,308	−55.8	----	26	10,433	−53.5	----	27	10,528	−50.1	----	26	10,456	−51.5	----
200	22	11,624	−56.2	----	25	11,785	−56.0	----	23	12,104	−55.3	----	28	11,716	−57.0	----	24	11,845	−56.4	----	26	11,968	−54.8	----	19	11,895	−55.8	----
175	21	12,472	−53.6	----	24	12,631	−54.6	----	19	12,941	−57.4	----	22	12,592	−54.6	----	23	12,699	−54.8	----	26	12,819	−55.6	----	15	12,750	−55.3	----
150	20	13,475	−53.1	----	22	13,617	−55.0	----	19	13,911	−59.8	----	18	13,606	−53.4	----	21	13,680	−55.8	----	22	13,815	−57.1	----	11	13,718	−55.9	----
125	13	14,604	−53.5	----	18	14,779	−56.8	----	17	15,047	−64.8	----	14	14,774	−55.6	----	18	14,824	−58.3	----	16	14,949	−59.6	----	----	----	----	----
100	6	16,091	−55.6	----	9	16,203	−58.4	----	10	16,397	−69.6	----	9	16,175	−58.3	----	12	16,206	−59.6	----	9	16,342	−62.8	----	----	----	----	----
80	----	----	----	----	----	----	----	----	----	----	----	----	5	17,522	−59.5	----	5	17,598	−60.5	----	----	----	----	----	----	----	----	----

See footnote 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 March 1946*—Continued

STATIONS AND MEAN SURFACE PRESSURES—Continued

Standard pressure surface (mb.)	Mazatlan, Mexico (1,004.4 mb.)				Medford, Oreg. (968.6 mb.)				Merida, Mexico (1,010.3 mb.)				Miami, Fla. (1,018.1 mb.)				Nashville, Tenn. (994.4 mb.)				North Platte, Nebr. (913.5 mb.)				Oakland, Calif. (1,016.2 mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity	Number of observations	Dynamic height	Temperature	Relative humidity
Surface	31	79	21.7	76	31	401	8.4	72	31	27	26.1	63	31	4	20.5	81	31	180	14.3	67	31	849	6.0	70	30	2	12.0	71
1,000	31	117	21.4	68	31	137	(*)	----	31	117	25.1	64	31	159	20.1	78	31	130	(*)	----	31	95	(*)	----	30	136	11.7	70
950	31	570	22.5	33	31	564	8.3	65	31	566	21.9	65	31	607	17.3	76	31	571	13.1	63	31	529	(*)	----	30	568	9.2	67
900	31	1,032	21.2	29	31	1,006	5.1	70	31	1,034	19.0	65	31	1,061	14.2	75	31	1,018	10.1	65	31	971	7.4	62	30	1,010	6.8	59
850	31	1,523	18.4	23	31	1,469	1.6	77	51	1,523	15.7	65	31	1,542	12.5	59	31	1,490	7.1	65	31	1,441	6.1	53	30	1,477	4.6	51
800	31	2,039	15.3	22	31	1,955	−1.5	80	31	2,036	13.2	59	31	2,049	10.6	46	31	1,987	4.6	59	31	1,936	3.8	49	30	1,968	2.5	55
750	31	2,588	11.8	23	31	2,471	−4.3	77	31	2,582	10.9	42	31	2,589	8.1	37	31	2,517	1.6	55	30	2,464	1.2	49	30	2,492	−0.1	49
700	31	3,155	8.0	33	31	3,008	−7.4	72	31	3,149	7.7	33	31	3,151	5.2	----	31	3,064	−1.1	49	30	3,012	−2.1	43	30	3,037	−3.2	47
650	31	3,766	3.9	25	31	3,585	−10.4	67	31	3,758	4.6	----	30	3,755	1.7	----	31	3,655	−4.5	48	30	3,602	−5.9	42	30	3,623	−6.9	47
600	31	4,406	−0.7	----	31	4,193	−14.1	65	31	4,405	0.6	----	30	4,394	−2.3	----	31	4,277	−8.0	47	30	4,218	−10.3	44	30	4,241	−10.6	44
550	31	5,093	−5.5	----	31	4,848	−18.1	60	30	5,096	−3.7	----	30	5,079	−6.8	----	30	4,949	−12.6	45	30	4,885	−15.2	48	30	4,906	−14.8	44
500	31	5,835	−10.9	----	31	5,554	−22.8	----	30	5,845	−8.9	----	30	5,816	−11.7	----	30	5,668	−17.8	----	30	5,595	−20.4	51	30	5,621	−19.7	47
450	30	6,645	−16.7	----	31	6,322	−28.3	----	30	6,657	−14.9	----	30	6,622	−17.2	----	30	6,451	−23.3	----	30	6,374	−26.1	----	29	6,399	−25.5	----
400	30	7,511	−23.1	----	30	7,155	−34.3	----	30	7,534	−22.0	----	30	7,489	−23.4	----	30	7,299	−29.4	----	30	7,207	−32.7	----	28	7,250	−31.7	----
350	30	8,473	−30.9	----	30	8,075	−41.4	----	29	8,502	−29.9	----	30	8,450	−31.1	----	30	8,238	−36.1	----	28	8,140	−39.8	----	27	8,187	−39.1	----
300	30	9,548	−39.2	----	30	9,103	−48.6	----	29	9,581	−38.6	----	29	9,523	−39.7	----	29	9,289	−43.8	----	28	9,174	−48.0	----	25	9,240	−46.2	----
250	26	10,781	−47.9	----	30	10,283	−55.2	----	28	10,811	−47.5	----	28	10,742	−48.4	----	29	10,492	−51.0	----	28	10,357	−54.4	----	24	10,429	−53.2	----
200	21	12,222	−57.9	----	27	11,703	−58.9	----	22	12,266	−56.1	----	28	12,186	−56.0	----	27	11,926	−55.2	----	22	11,808	−55.8	----	24	11,847	−57.4	----
175	13	13,043	−62.5	----	20	12,541	−56.3	----	18	13,107	−60.8	----	27	13,030	−58.6	----	25	12,775	−55.2	----	16	12,698	−54.8	----	22	12,686	−55.5	----
150	8	14,000	−64.5	----	16	13,503	−54.7	----	10	14,072	−64.7	----	24	13,980	−62.8	----	20	13,753	−56.1	----	10	13,663	−54.0	----	16	13,670	−55.0	----
125	----	----	----	----	9	14,628	−54.6	----	----	----	----	----	16	15,093	−66.4	----	11	14,888	−59.4	----	9	14,823	−55.5	----	8	14,816	−56.0	----
100	----	----	----	----	----	----	----	----	----	----	----	----	12	16,435	−70.8	----	7	16,271	−62.8	----	----	----	----	----	----	----	----	----

Standard pressure surface (mb.)	Ogden, Utah (862.2 mb.)				Oklahoma City, Okla. (966.9 mb.)				Omaha, Nebr. (975.5 mb.)				Phoenix, Ariz. (973.2 mb.)				Pittsburgh, Pa. (971.4 mb.)				Portland, Maine (1,014.5 mb.)				Rapid City, S. Dak. (901.5 mb.)			
Surface	31	1,355	5.1	62	31	391	12.2	66	31	308	9.8	74	31	339	16.6	36	31	382	9.6	62	31	20	2.9	75	30	981	4.2	65
1,000	31	120	(*)	----	31	106	(*)	----	31	100	(*)	----	31	99	(*)	----	31	138	(*)	----	31	135	4.5	69	30	103	(*)	----
950	31	554	(*)	----	31	541	12.7	60	31	532	9.6	70	31	543	19.5	26	31	570	9.9	58	31	557	4.5	59	30	535	(*)	----
900	31	1,005	(*)	----	31	990	10.7	58	31	976	8.1	69	31	1,001	15.9	26	31	1,014	7.6	58	31	993	2.5	59	30	978	(*)	----
850	31	1,471	5.6	53	31	1,465	8.7	54	31	1,447	6.2	65	31	1,483	11.9	29	31	1,483	5.1	58	30	1,455	0.3	59	30	1,442	3.9	58
800	31	1,964	2.6	52	31	1,964	6.3	50	31	1,941	3.5	60	31	1,985	7.6	34	31	1,976	2.6	56	30	1,939	−1.9	58	30	1,933	1.7	58
750	31	2,486	−1.4	57	31	2,495	3.5	46	31	2,464	0.5	56	31	2,516	3.4	38	31	2,498	0.0	50	30	2,456	−3.8	56	30	2,453	−1.4	57
700	31	3,028	−5.2	60	31	3,047	0.3	42	31	3,013	−3.0	53	31	3,068	−0.6	36	31	3,045	−2.7	48	30	2,993	−6.5	----	30	2,997	−4.6	57
650	31	3,608	−9.0	62	31	3,641	−3.3	41	31	3,598	−6.8	49	31	3,662	−4.2	36	31	3,631	−6.2	48	29	3,574	−9.4	----	30	3,581	−8.0	54
600	31	4,221	−13.2	62	31	4,266	−7.5	43	31	4,216	−10.6	44	31	4,284	−8.0	33	31	4,251	−10.2	45	28	4,186	−12.5	----	30	4,193	−12.3	56
550	31	4,879	−17.8	58	31	4,940	−12.3	43	29	4,884	−14.8	40	31	4,954	−12.7	33	31	4,917	−14.6	41	27	4,846	−16.8	----	30	4,855	−16.6	53
500	31	5,583	−23.0	----	28	5,671	−17.1	41	29	5,599	−20.1	----	30	5,677	−18.2	----	31	5,630	−19.8	----	26	5,548	−21.9	----	29	5,558	−21.9	----
450	31	6,352	−28.4	----	28	6,460	−22.4	----	29	6,374	−25.7	----	29	6,457	−23.9	----	29	6,415	−24.9	----	26	6,322	−27.6	----	29	6,334	−27.3	----
400	31	7,181	−34.3	----	28	7,308	−28.6	----	29	7,215	−32.1	----	28	7,309	−30.4	----	29	7,257	−31.0	----	26	7,152	−33.6	----	29	7,160	−33.9	----
350	31	8,102	−40.8	----	27	8,252	−35.6	----	29	8,143	−39.1	----	28	8,245	−37.3	----	28	8,187	−37.8	----	26	8,075	−40.2	----	29	8,081	−41.4	----
300	30	9,133	−48.1	----	26	9,301	−43.5	----	28	9,182	−46.8	----	28	9,292	−44.6	----	28	9,232	−45.3	----	25	9,114	−47.0	----	29	9,109	−49.5	----
250	30	10,314	−55.4	----	26	10,505	−51.2	----	28	10,372	−53.3	----	27	10,489	−52.6	----	27	10,426	−52.2	----	23	10,301	−53.9	----	28	10,295	−55.1	----
200	29	11,722	−56.6	----	20	11,938	−55.1	----	24	11,809	−56.1	----	21	11,923	−58.1	----	26	11,847	−56.4	----	20	11,699	−56.3	----	26	11,720	−57.0	----
175	26	12,566	−54.5	----	17	12,777	−54.3	----	22	12,665	−55.3	----	17	12,752	−56.1	----	24	12,699	−56.4	----	17	12,541	−54.1	----	22	12,560	−53.8	----
150	24	13,559	−54.9	----	16	13,758	−55.8	----	17	13,647	−54.0	----	11	13,729	−57.1	----	20	13,666	−55.6	----	16	13,525	−54.6	----	20	13,563	−53.2	----
125	17	14,738	−56.9	----	10	14,906	−58.3	----	15	14,810	−56.0	----	8	14,888	−59.9	----	14	14,853	−57.9	----	12	14,674	−56.1	----	17	14,738	−55.5	----
100	10	16,163	−58.0	----	7	16,304	−59.8	----	8	16,214	−59.4	----	----	----	----	----	5	16,273	−61.0	----	6	16,059	−57.8	----	5	16,206	−55.3	----
80	----	----	----	----	----	----	----	----	5	17,594	−61.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Standard pressure surface (mb.)	St. Paul, Minn. (986.9 mb.)				San Antonio, Tex. (986.4 mb.)				San Juan, P. R. (1,016.0 mb.)				Santa Maria, Calif. (1,007.6 mb.)				Sault Ste. Marie, Mich. (989.2 mb.)				Spokane, Wash. (942.9 mb.)				Swan Island, W. I. (1,014.0 mb.)			
Surface	31	225	5.2	70	30	240	16.4	61	31	15	23.8	78	31	71	10.8	79	31	221	0.6	76	31	598	5.5	76	31	10	24.5	79
1,000	31	116	(*)	----	30	121	(*)	----	31	154	22.7	78	31	134	10.7	77	31	133	(*)	----	31	113	(*)	----	31	132	23.7	80
950	31	543	4.9	64	30	561	17.5	49	31	599	19.3	80	31	567	10.4	63	31	553	2.1	61	31	537	(*)	----	31	581	20.4	81
900	31	977	4.0	61	30	1,020	15.2	48	31	1,062	16.1	78	31	1,011	8.3	60	31	983	1.2	55	31	978	3.8	71	31	1,045	17.6	74
850	31	1,441	3.0	56	30	1,502	12.8	44	31	1,547	13.2	79	31	1,481	5.4	59	31	1,441	−0.5	56	31	1,439	−0.4	74	31	1,532	14.7	69
800	31	1,930	1.3	55	30	2,009	10.7	34	30	2,055	11.2	58	31	1,974	3.4	47	31	1,924	−1.9	52	31	1,923	−3.0	79	31	2,043	12.3	57
750	31	2,454	−1.5	56	30	2,546	8.4	35	30	2,598	9.1	41	31	2,502	1.4	41	31	2,440	−3.9	48	31	2,433	−6.3	76	31	2,590	10.7	40
700	31	2,995	−4.7	56	30	3,112	5.6	31	30	3,161	7.4	----	31	3,048	−1.9	35	31	2,977	−6.4	47	31	2,967	−9.5	72	31	3,155	8.4	----
650	31	3,581	−8.4	54	29	3,714	1.5	32	30	3,770	4.2	----	30	3,639	−5.8	36	31	3,560	−9.9	50	31	3,541	−12.7	67	31	3,768	5.2	----
600	31	4,191	−12.3	48	28	4,352	−2.9	----	30	4,414	0.8	----	30	4,256	−9.9	----	31	4,165	−13.4	53	30	4,141	−16.5	60	31	4,413	1.5	----
550	31	4,854	−16.8	47	27	5,037	−7.8	----	30	5,107	−3.3	----	29	4,921	−14.8	----	31	4,825	−17.9	53	30	4,791	−20.8	57	31	5,108	−2.7	----
500	31	5,559	−21.9	----	27	5,768	−13.2	----	30	5,853	−8.3	----	28	5,630	−19.8	----	31	5,527	−22.6	----	30	5,488	−25.6	----	31	5,858	−7.6	----
450	31	6,334	−27.4	----	27	6,569	−18.7	----	30	6,667	−14.1	----	27	6,419	−25.2	----	30	6,306	−27.7	----	30	6,251	−31.2	----	31	6,678	−13.5	----
400	30	7,165	−33.3	----	27	7,429	−24.7	----	30	7,545	−20.8	----	27	7,257	−31.7	----	30	7,135	−33.7	----	30	7,069	−37.2	----	31	7,554	−20.3	----
350	30	8,089	−40.5	----	24	8,386	−31.7	----	30	8,518	−27.5	----	27	8,189	−38.6	----	29	8,063	−40.6	----	30	7,978	−43.5	----	31	8,527	−28.2	----
300	28	9,112	−48.6	----	24	9,452	−39.1	----	29	9,610	−34.8	----	26	9,236	−45.8	----	28	9,094	−48.4	----	30	8,999	−50.3	----	31	9,613	−36.6	----
250	28	10,291	−54.7	----	23	10,671	−47.5	----	29	10,859	−43.9	----	21	10,437	−53.9	----	27	10,280	−55.0	----	28	10,173	−55.9	----	28	10,844	−45.4	----
200	28	11,712	−56.0	----	21	12,124	−53.8	----	28	12,319	−55.0	----	11	11,809	−56.8	----	24	11,724	−57.6	----	22	11,571	−55.2	----	28	12,301	−54.9	----
175	23	12,574	−53.7	----	20	12,982	−54.8	----	27	13,161	−60.3	----	6	12,623	−53.7	----	16	12,582	−54.4	----	21	12,447	−53.1	----	26	13,144	−60.2	----
150	21	13,574	−52.4	----	18	13,953	−56.8	----	24	14,110	−65.5	----	5	13,636	−54.8	----	14	13,581	−52.9	----	20	13,431	−52.7	----	18	14,094	−65.7	----
125	16	14,732	−54.0	----	12	15,096	−60.0	----	10	15,213	−70.2	----	----	----	----	----	13	14,758	−55.0	----	16	14,621	−52.6	----	11	15,198	−70.2	----
100	11	16,156	−56.1	----	----	----	----	----	----	----	----	----	----	----	----	----	8	16,206	−58.3	----	8	16,054	−53.4	----	----	----	----	----
80	8	17,605	−59.0	----	----	----	----	----	----	----	----	----	----	----	----	----	5	17,635	−59.5	----	----	----	----	----	----	----	----	----

See footnote 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 March 1946*—Continued

STATIONS AND MEAN SURFACE PRESSURES—Continued

Standard pressure surface (mb.)	Tacubaya, Mexico (773.2 mb.)				Tampa, Fla. (1,018.2 mb.)				Tatoosh Island, Wash. (1,010.1 mb.)				Toledo, Ohio (992.5 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	Number of observations	Dynamic height	Temperature	Relative humidity
Surface	31	2,306	17.9	39	31	3	18.5	82	31	31	6.8	84	31	191	6.8	76	31	25	10.7	64
1,000	31	37	(*)	----	31	157	18.3	77	31	113	6.1	84	31	128	(*)	----	31	153	10.9	60
950	31	505	(*)	----	31	597	16.4	69	31	533	2.8	85	31	556	8.3	64	31	583	9.4	56
900	31	980	(*)	----	31	1,055	13.6	68	31	967	−0.3	87	31	997	6.6	61	31	1,027	7.2	60
850	31	1,482	(*)	----	31	1,535	11.0	60	31	1,422	−3.2	84	31	1,465	4.4	61	31	1,496	5.2	57
800	31	2,014	(*)	----	31	2,040	9.8	41	31	1,899	−5.8	70	31	1,957	2.0	60	31	1,989	3.3	54
750	31	2,568	15.8	39	31	2,578	7.5	----	31	2,408	−8.4	65	31	2,480	−0.7	57	30	2,517	0.7	48
700	31	3,147	11.2	42	31	3,138	4.7	----	31	2,934	−11.2	65	31	3,024	−3.5	53	29	3,062	−2.5	47
650	31	3,762	6.2	49	31	3,742	0.9	----	31	3,507	−14.0	64	30	3,616	−6.6	48	29	3,650	−5.9	----
600	31	4,411	1.1	52	31	4,375	−3.2	----	31	4,103	−17.5	65	30	4,233	−10.1	44	29	4,270	−9.7	----
550	31	5,105	−3.0	48	31	5,056	−7.7	----	29	4,750	−21.9	----	30	4,899	−14.7	42	29	4,938	−14.2	----
500	30	5,852	−9.1	44	31	5,792	−13.0	----	29	5,445	−26.2	----	30	5,613	−19.6	----	29	5,652	−19.1	----
450	29	6,667	−14.9	----	31	6,592	−18.7	----	29	6,204	−31.1	----	30	6,393	−25.4	----	29	6,429	−24.8	----
400	29	7,542	−21.1	----	31	7,454	−25.1	----	29	7,026	−36.9	----	30	7,231	−31.9	----	29	7,274	−30.8	----
350	28	8,513	−28.7	----	30	8,407	−32.6	----	28	7,944	−43.2	----	30	8,161	−39.0	----	29	8,209	−37.4	----
300	28	9,596	−37.5	----	30	9,474	−40.7	----	26	8,974	−49.4	----	29	9,207	−46.5	----	28	9,253	−45.4	----
250	26	10,830	−47.1	----	30	10,691	−49.4	----	24	10,151	−53.4	----	27	10,397	−53.6	----	27	10,450	−52.6	----
200	23	12,277	−57.1	----	30	12,131	−56.1	----	19	11,569	−53.0	----	26	11,824	−56.9	----	21	11,873	−57.3	----
175	19	13,119	−61.3	----	30	12,972	−59.5	----	16	12,416	−49.7	----	22	12,659	−55.5	----	16	12,699	−58.0	----
150	14	14,056	−66.2	----	28	13,925	−62.2	----	12	13,414	−49.6	---	18	13,635	−54.5	----	14	13,686	−57.8	----
125	----	------	------	----	21	15,043	−66.1	----	8	14,599	−49.3	----	11	14,806	−56.9	----	10	14,800	−58.9	----
100	----	------	------	----	14	16,377	−70.6	----	----	------	------	----	5	16,221	−61.4	----	6	16,163	−60.8	----

[1] Surface data for old location only, 1,414 meters. Upper levels for old and new location, 1,474 meters.

[2] 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 pressur 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 February 1946*

STATIONS AND MEAN SURFACE PRESSURES

Standard pressure surface (mb.)	Swan Island, W. I. (1,014.7 mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity
Surface	28	10	24.4	80
1,000	28	138	23.6	80
950	28	590	20.3	80
900	28	1,051	17.4	73
850	28	1,537	14.5	68
800	28	2,048	11.6	60
750	28	2,590	9.1	50
700	28	3,154	6.7	40
650	28	3,766	4.1	--------
600	28	4,407	1.0	--------
550	28	5,102	−2.9	--------

Standard pressure surface (mb.)	Swan Island, W. I. (1,014.7 mb.)			
	Number of observations	Dynamic height	Temperature	Relative humidity
500	28	5,849	−7.9	--------
450	28	6,667	−13.9	--------
400	28	7,542	−21.0	--------
350	28	8,513	−28.4	--------
300	28	9,600	−36.4	--------
250	28	10,840	−45.4	--------
200	26	12,290	−55.1	--------
175	25	13,135	−59.6	--------
150	22	14,085	−65.3	--------
125	5	15,178	−71.9	--------