METEOROLOGICAL AND CLIMATOLOGICAL DATA FOR SEPTEMBER 1948

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 meters, temperature in degrees centigrade, and relative humidity in percent, for standard pressures, as obtained by radiosondes during September 1948*

STATIONS AND MEAN SURFACE PRESSURES

Standard pressure surface (mb.)	Albany, N. Y. (1,007.5 mb.)				Albuquerque, N. Mex. (838.7 mb.)				Atlanta, Ga. (981.9 mb.)				Big Spring, Tex. (927.0 mb.)				Bismarck, N. Dak. (954.9 mb.)				Boise, Idaho (914.3 mb.)				Brownsville, Tex. (1,011.2 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	86	14.5	80	30	1,620	23.3	32	30	300	20.8	77	30	774	24.3	44	30	505	18.2	49	30	868	18.0	45	30	6	25.2	84
1,000	30	149	16.8	73	30	50	(*)	----	30	141	(*)	----	30	101	(*)	----	30	104	(*)	----	30	90	(*)	----	30	104	25.5	80
950	30	593	15.9	60	30	514	(*)	----	30	590	21.3	65	30	559	(*)	----	30	550	(*)	----	30	541	(*)	----	30	556	23.3	73
900	30	1,044	12.8	61	30	997	(*)	----	30	1,054	18.6	67	30	1,033	24.3	43	30	1,014	19.1	40	30	1,003	20.3	34	30	1,027	20.9	64
850	30	1,522	9.6	63	30	1,502	(*)	----	30	1,542	15.3	67	30	1,530	20.4	46	30	1,503	16.7	43	30	1,494	17.9	30	30	1,520	18.0	64
800	30	2,022	6.4	63	30	2,030	21.8	30	30	2,054	12.1	64	30	2,050	16.3	50	30	2,016	13.3	46	30	2,009	14.1	32	30	2,037	15.1	62
750	30	2,555	3.9	52	30	2,589	17.3	35	30	2,595	9.1	53	30	2,601	12.6	46	30	2,560	10.0	43	30	2,551	9.8	34	30	2,584	12.4	54
700	30	3,108	1.6	42	30	3,170	12.4	41	30	3,161	6.6	43	30	3,171	9.2	40	30	3,125	6.3	43	30	3,117	5.5	38	30	3,158	9.7	47
650	30	3,707	−1.5	37	30	3,790	7.4	46	30	3,771	3.7	33	30	3,791	5.6	35	30	3,730	2.1	44	30	3,722	.9	41	30	3,771	6.3	45
600	30	4,336	−5.1	36	30	4,439	2.0	50	30	4,412	.3	----	30	4,428	1.3	34	30	4,370	−2.4	45	30	4,356	−3.6	43	30	4,422	2.7	44
550	30	5,016	−8.9	28	30	5,133	−3.4	52	30	5,107	−3.3	----	30	5,129	−3.0	----	30	5,055	−7.0	42	30	5,040	−8.1	37	30	5,119	−1.0	42
500	30	5,746	−13.7	33	30	5,881	−8.6	45	30	5,853	−7.4	----	30	5,874	−7.7	----	29	5,795	−12.1	43	30	5,771	−13.0	38	30	5,876	−5.4	38
450	30	6,545	−19.2	34	30	6,698	−13.8	43	30	6,672	−12.5	----	30	6,694	−12.9	----	27	6,606	−17.5	44	30	6,570	−18.1	----	30	6,700	−10.5	35
400	30	7,405	−25.7	----	30	7,575	−19.6	----	30	7,556	−18.5	----	30	7,580	−18.9	----	27	7,470	−23.8	----	30	7,436	−24.4	----	30	7,591	−16.5	----
350	30	8,358	−32.7	----	29	8,552	−26.9	----	30	8,537	−25.9	----	29	8,559	−25.9	----	26	8,431	−30.8	----	30	8,394	−31.8	----	29	8,581	−23.4	----
300	29	9,426	−40.3	----	29	9,644	−35.5	----	29	9,639	−33.8	----	29	9,658	−34.0	----	25	9,506	−39.2	----	30	9,464	−40.0	----	28	9,691	−31.2	----
250	29	10,647	−48.4	----	29	10,887	−44.9	----	29	10,892	−42.8	----	29	10,910	−43.2	----	24	10,736	−47.9	----	30	10,685	−48.5	----	27	10,956	−40.3	----
200	29	12,090	−55.7	----	29	12,349	−53.7	----	29	12,363	−52.9	----	29	12,381	−52.8	----	24	12,181	−55.4	----	28	12,136	−55.5	----	27	12,438	−52.2	----
175	29	12,935	−58.4	----	29	13,198	−58.2	----	29	13,213	−58.2	----	29	13,231	−58.3	----	23	13,021	−58.2	----	28	12,982	−57.5	----	27	13,285	−58.7	----
150	29	13.900	−59.7	----	28	14,162	−62.9	----	29	14,171	−63.5	----	29	14,189	−63.3	----	22	13,991	−59.9	----	26	13,953	−59.1	----	27	14,240	−65.5	----
125	26	15,030	−60.9	----	25	15,270	−66.7	----	26	15,278	−67.6	----	26	15,297	−68.2	----	14	15,097	−60.4	----	24	15,093	−60.3	----	26	15,329	−72.0	----
100	21	16,407	−60.1	----	17	16,612	−68.6	----	13	16,605	−68.8	----	10	16,570	−71.5	----	6	16,470	−57.7	----	16	16,510	−62.5	----	20	16,621	−74.5	----
80	18	17,804	−59.4	----	8	17,948	−66.2	----	5	17,939	−65.8	----	----	----	----	----	----	----	----	----	8	17,886	−59.7	----	14	17,925	−71.2	----
60	12	19,616	−67.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	19,688	−58.0	----	6	19,665	−62.9	----
50	7	20,767	−56.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Standard pressure surface (mb.)	Buffalo, N. Y. (992.5 mb.)				Camaguey, Cuba (1,000.2 mb.)				Caribou, Maine (993.1 mb.)				Charleston, S. C. (1,014.5 mb.)				Ciudad Victoria, Mexico (972.0 mb.)				Columbia, Mo. (988.5 mb.)				Dodge City, Kans. (925.4 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	221	16.2	75	23	122	24.0	92	30	191	10.7	86	30	13	21.2	90	27	335	27.5	61	30	239	20.1	71	30	792	21.5	52
1,000	30	155	(*)	----	23	124	24.0	92	30	131	(*)	----	30	138	22.4	83	27	81	(*)	----	30	138	(*)	----	30	109	(*)	----
950	30	600	16.7	61	23	578	23.3	87	30	567	12.8	65	30	589	20.7	76	27	537	26.2	61	30	588	21.3	58	30	566	(*)	----
900	30	1,053	13.9	60	23	1,047	21.0	80	30	1,015	9.9	64	30	1,051	17.9	74	27	1,011	22.3	65	30	1,050	18.1	58	30	1,034	22.5	46
850	30	1,533	10.7	60	23	1,540	17.9	76	30	1,487	6.7	68	30	1,539	15.4	68	27	1,506	18.3	71	30	1,537	15.0	58	30	1,529	19.8	46
800	30	2,035	7.9	56	23	2,058	14.8	73	30	1,983	3.7	66	30	2,052	13.0	61	27	2,023	14.4	77	30	2,048	12.4	49	30	2,049	16.8	43
750	30	2,571	5.4	49	23	2,603	11.7	66	30	2,509	1.6	58	30	2,597	10.2	57	27	2,569	10.9	76	30	2,595	9.3	50	30	2,600	13.3	40
700	30	3,126	2.5	48	23	3,177	8.5	61	30	3,058	−.6	44	30	3,164	7.2	51	27	3,141	8.0	70	30	3,156	6.3	44	30	3,173	9.4	40
650	29	3,723	−.4	44	23	3,787	5.0	64	30	3,650	−3.6	42	30	3,776	3.7	47	26	3,753	5.1	61	30	3,763	2.8	38	30	3,786	5.1	39
600	29	4,356	−4.1	41	23	4,436	1.3	64	30	4,276	−7.3	41	30	4,416	.1	48	26	4,400	1.7	59	30	4,404	−.8	34	30	4,430	.6	33
550	29	5,040	−8.3	38	22	5,133	−2.7	61	30	4,947	−11.4	43	30	5,112	−3.5	50	25	5,104	−1.7	----	30	5,097	−5.1	37	30	5,122	−3.9	----
500	29	5,771	−13.2	----	22	5,881	−7.0	60	30	5,672	−16.4	45	30	5,857	−7.5	44	25	5,855	−6.2	----	30	5,836	−9.8	34	30	5,867	−9.0	----
450	29	6,573	−18.9	----	21	6,700	−11.8	59	30	6,458	−21.8	----	28	6,678	−12.6	----	24	6,685	−11.2	----	30	6,651	−15.2	----	30	6,681	−14.3	----
400	29	7,432	−25.1	----	20	7,586	−17.4	65	30	7,313	−28.0	----	28	7,558	−18.3	----	23	7,569	−16.4	----	30	7,517	−21.6	----	30	7,558	−20.8	----
350	29	8,387	−32.2	----	19	8,573	−24.5	----	30	8,257	−35.1	----	28	8,541	−25.3	----	22	8,559	−23.7	----	30	8,490	−28.8	----	30	8,530	−28.2	----
300	29	9,457	−40.1	----	19	9,678	−32.9	----	30	9,313	−42.4	----	28	9,640	−33.7	----	22	9,668	−31.9	----	29	9,570	−37.2	----	30	9,616	−36.6	----
250	28	10,675	−48.7	----	19	10,932	−43.4	----	30	10,525	−49.2	----	28	10,893	−43.4	----	22	10,931	−42.0	----	28	10,803	−46.4	----	30	10,854	−45.7	----
200	27	12,111	−55.7	----	17	12,441	−56.2	----	23	11,986	−53.9	----	28	12,359	−54.1	----	21	12,403	−54.3	----	28	12,256	−54.5	----	30	12,308	−54.8	----
175	21	12,947	−57.5	----	17	13,222	−63.3	----	21	12,843	−55.5	----	27	13,204	−59.6	----	15	13,246	−61.3	----	25	13,109	−57.6	----	28	13,157	−58.8	----
150	16	13,925	−59.6	----	15	14,155	−70.3	----	12	13,830	−56.1	----	27	14,155	−65.1	----	13	14,168	−68.7	----	20	14,066	−61.6	----	14	14,127	−63.2	----
125	5	15,126	−61.4	----	7	15,235	−76.4	----	----	----	----	----	23	15,246	−69.1	----	8	15,224	−74.2	----	11	15,174	−64.6	----	----	----	----	----
100	----	----	----	----	----	----	----	----	----	----	----	----	18	16,574	−70.2	----	----	----	----	----	5	16,504	−65.3	----	----	----	----	----
80	----	----	----	----	----	----	----	----	----	----	----	----	11	17,906	−67.4	----	----	----	----	----	----	----	----	----	----	----	----	----
60	----	----	----	----	----	----	----	----	----	----	----	----	7	19,662	−61.0	----	----	----	----	----	----	----	----	----	----	----	----	----

Standard pressure surface (mb.)	El Paso, Tex. (881.2 mb.)				Ely, Nev. (809.2 mb.)				Fort Worth, Tex. (989.7 mb.)				Glasgow, Mont. (938.0 mb.)				Grand Junction, Colo. (852.2 mb.)				Great Falls, Mont. (887.1 mb.)				Greensboro, N. C. (987.3 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	30	1,195	25.2	34	30	1,908	16.2	30	30	211	25.4	48	30	648	18.5	38	30	1,474	21.4	32	30	1,128	16.6	37	29	273	18.2	81
1,000	30	65	(*)	----	30	55	(*)	----	30	119	(*)	----	30	90	(*)	----	30	55	(*)	----	30	89	(*)	----	29	161	(*)	----
950	30	533	(*)	----	30	518	(*)	----	30	574	25.3	45	30	543	(*)	----	30	520	(*)	----	30	540	(*)	----	29	605	19.1	68
900	30	1,013	(*)	----	30	991	(*)	----	30	1,045	21.7	49	30	1,003	19.8	33	30	998	(*)	----	30	1,007	(*)	----	29	1,068	16.7	68
850	30	1,512	24.3	33	30	1,483	(*)	----	30	1,538	17.7	55	30	1,492	16.3	36	30	1,496	(*)	----	30	1,491	16.1	34	29	1,553	13.8	71
800	20	2,038	20.3	36	30	2,006	18.7	25	30	2,053	14.1	56	30	2,004	12.6	41	30	2,024	21.4	26	30	2,003	12.2	37	29	2,063	11.1	69
750	30	2,594	15.7	43	30	2,559	15.3	26	30	2,601	11.5	45	30	2,545	8.5	46	30	2,580	16.9	29	30	2,542	8.1	42	29	2,600	8.4	66
700	30	3,171	11.0	48	30	3,135	10.2	30	30	3,169	8.4	38	30	3,108	5.0	44	30	3,161	11.8	34	30	3,104	3.9	46	29	3,167	5.7	56
650	30	3,784	6.2	51	30	3,747	5.0	36	30	3,783	5.0	35	30	3,709	1.2	41	30	3,779	6.5	41	30	3,705	−.4	47	29	3,774	2.8	49
600	30	4,435	1.5	51	30	4,392	−.4	40	30	4,427	1.0	32	30	4,348	−3.4	43	30	4,426	.9	48	30	4,338	−4.5	44	29	4,415	−.9	46
550	30	5,131	−3.3	51	30	5,082	−5.9	48	30	5,123	−3.3	----	30	5,032	−7.8	43	30	5,122	−4.0	43	30	5,017	−9.3	45	29	5,106	−4.7	40
500	29	5,878	−8.1	45	30	5,820	−11.4	49	30	5,869	−8.0	----	29	5,765	−12.8	45	30	5,864	−9.4	44	30	5,754	−14.3	45	29	5,849	−9.1	--
450	29	6,698	−13.4	37	30	6,628	−16.6	----	30	6,691	−13.2	----	29	6,567	−18.5	44	30	6,679	−15.0	----	30	6,546	−19.9	44	28	6,663	−14.6	----
400	28	7,578	−19.4	----	30	7,495	−22.6	----	30	7,566	−19.2	----	29	7,428	−24.8	----	30	7,551	−21.4	----	30	7,402	−26.0	----	27	7,535	−20.6	----
350	28	8,557	−26.8	----	30	8,461	−29.9	----	30	8,545	−26.5	----	29	8,385	−32.0	----	30	8,521	−28.7	----	30	8,353	−33.4	----	27	8,510	−27.1	----
300	28	9,651	−34.7	----	30	9,540	−38.0	----	30	9,639	−34.8	----	27	9,455	−40.0	----	30	9,604	−37.2	----	30	9,417	−41.6	----	27	9,603	−35.0	----
250	26	10,901	−43.5	----	29	10,776	−46.9	----	30	10,886	−43.8	----	26	10,681	−49.0	----	30	10,837	−46.8	----	29	10,628	−50.7	----	27	10,851	−43.8	----
200	26	12,369	−53.2	----	29	12,225	−55.2	----	30	12,352	−53.4	----	25	12,119	−55.5	----	30	12,288	−55.0	----	27	12,063	−55.7	----	27	12,317	−53.8	----
175	25	13,220	−58.8	----	29	13,069	−59.0	----	30	13,200	−58.6	----	19	12,973	−57.3	----	29	13,136	−58.3	----	25	12,906	−57.8	----	27	13,164	−58.7	----
150	25	14,174	−64.5	----	27	14,028	−62.7	----	29	14,154	−64.0	----	18	13,937	−59.2	----	27	14,097	−62.2	----	24	13,877	−58.5	----	25	14,118	−62.9	----
125	24	15,274	−69.7	----	25	15,146	−65.5	----	28	15,258	−68.6	----	18	15,075	−60.2	----	20	15,211	−65.5	----	23	15,017	−59.6	----	19	15,229	−65.3	----
100	10	16,599	−71.2	----	20	16,514	−66.6	----	25	16,578	−70.7	----	18	16,465	−59.7	----	13	16,547	−65.2	----	16	16,406	−59.6	----	9	16,581	−65.4	----
80	----	----	----	----	14	17,866	−63.8	----	13	17,937	−66.8	----	15	17,859	−58.0	----	6	17,936	−63.5	----	9	17,827	−60.0	----	----	----	----	----
60	----	----	----	----	8	19,665	−60.3	----	8	19,700	−61.0	----	8	19,682	−57.6	----	----	----	----	----	----	----	----	----	----	----	----	----
50	----	----	----	----	----	----	----	----	----	----	----	----	7	20,837	−57.0	----	----	----	----	----	----	----	----	----	----	----	----	----

See footnotes at end of table.

TABLE 1.—*Mean dynamic height (geopotential) in units of 0.98 dynamic meters, temperature in degrees centigrade, and relative humidity in percent, for standard pressures, as obtained by radiosondes during September 1948*—Continued

Standard pressure surface (mb.)	Hatteras, N. C. (1,016.8 mb.)				Havana, Cuba [1] (____ mb.)				Honolulu, T. H. (1,013.6 mb.)				International Falls, Minn. (974.7 mb.)				Joliet, Ill. (996.5 mb.)				Lake Charles, La. (1,013.4 mb.)				Lander, Wyo. (829.8 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	3	22.6	80	----	----	----	----	30	3	27.9	59	30	360	13.1	80	30	178	16.9	82	30	5	22.8	84	30	1,696	17.3	37
1,000	30	148	22.1	78	----	----	----	----	30	123	25.8	61	30	142	(*)	----	30	148	(*)	----	30	121	23.3	78	30	62	(*)	----
950	30	595	19.4	75	----	----	----	----	30	580	22.0	68	30	585	16.7	59	30	593	19.1	62	30	574	21.4	70	30	523	(*)	----
900	30	1,057	16.7	71	----	----	----	----	30	1,040	18.5	71	30	1,037	15.0	50	30	1,052	16.2	61	30	1,036	18.7	70	30	1,000	(*)	----
850	30	1,542	14.1	63	----	----	----	----	30	1,528	15.4	68	30	1,519	12.2	46	30	1,536	13.5	56	30	1,525	15.6	71	30	1,488	(*)	----
800	30	2,052	11.6	59	----	----	----	----	30	2,040	12.7	60	30	2,025	10.0	38	30	2,044	10.6	55	30	2,038	12.8	64	30	2,010	18.7	31
750	30	2,592	8.9	56	----	----	----	----	30	2,588	11.0	44	30	2,565	7.2	38	30	2,582	7.7	51	30	2,584	9.9	62	30	2,563	14.5	34
700	30	3,158	6.0	53	----	----	----	----	30	3,154	8.4	36	30	3,122	4.3	36	30	3,145	4.5	47	30	3,149	7.2	57	30	3,137	10.0	37
650	30	3,760	2.7	49	----	----	----	----	30	3,769	5.7	31	30	3,723	.7	34	30	3,745	-.8	45	29	3,759	4.2	44	30	3,749	5.2	40
600	30	4,405	-.6	46	----	----	----	----	30	4,415	2.5	----	30	4,359	-3.3	35	30	4,384	-3.1	43	29	4,403	.6	----	30	4,395	-.2	45
550	30	5,095	-4.7	45	----	----	----	----	30	5,113	-1.3	----	30	5,041	-7.9	----	30	5,067	-7.1	43	29	5,100	-3.4	----	30	5,084	-5.6	48
500	30	5,840	-9.0	46	----	----	----	----	30	5,867	-5.9	----	30	5,775	-12.9	----	30	5,804	-11.9	----	29	5,845	-7.8	----	30	5,825	-10.9	45
450	30	6,656	-14.0	46	----	----	----	----	29	6,692	-11.2	----	30	6,577	-18.3	----	30	6,611	-17.2	----	28	6,664	-12.9	----	30	6,635	-16.8	39
400	30	7,533	-19.9	49	----	----	----	----	29	7,580	-17.7	----	30	7,438	-24.6	----	30	7,476	-23.5	----	28	7,543	-19.2	----	30	7,499	-23.3	----
350	29	8,512	-26.9	----	----	----	----	----	28	8,565	-24.8	----	29	8,407	-31.3	----	30	8,438	-30.6	----	28	8,523	-26.0	----	30	8,462	-30.6	----
300	29	9,606	-34.7	----	----	----	----	----	28	9,667	-33.0	----	29	9,479	-39.8	----	29	9,513	-38.4	----	27	9,620	-33.8	----	30	9,537	-39.1	----
250	29	10,853	-44.3	----	----	----	----	----	28	10,924	-42.8	----	29	10,698	-49.5	----	29	10,744	-46.8	----	27	10,874	-42.9	----	30	10,762	-48.0	----
200	29	12,312	-55.1	----	----	----	----	----	28	12,391	-54.0	----	28	12,137	-56.7	----	27	12,193	-55.4	----	27	12,343	-53.9	----	27	12,216	-56.1	----
175	28	13,157	-60.0	----	----	----	----	----	28	13,236	-59.7	----	26	12,984	-58.7	----	27	13,038	-58.3	----	26	13,193	-60.0	----	25	13,060	-58.7	----
150	27	14,109	-64.0	----	----	----	----	----	25	14,195	-64.9	----	24	13,948	-60.0	----	19	13,993	-60.3	----	26	14,141	-66.2	----	15	14,036	-61.7	----
125	12	15,208	-66.9	----	----	----	----	----	25	15,294	-69.2	----	9	15,064	-58.0	----	14	15,088	-62.7	----	23	15,225	-71.8	----	----	----	----	----
100	7	16,569	-66.6	----	----	----	----	----	24	16,617	-71.6	----	5	16,478	-55.8	----	6	16,438	-61.8	----	16	16,531	-73.0	----	----	----	----	----
80	----	----	----	----	----	----	----	----	23	17,938	-68.9	----	----	----	----	----	----	----	----	----	9	17,858	-69.4	----	----	----	----	----
60	----	----	----	----	----	----	----	----	21	19,685	-62.7	----	----	----	----	----	----	----	----	----	5	19,628	-63.1	----	----	----	----	----
50	----	----	----	----	----	----	----	----	21	20,816	-59.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
40	----	----	----	----	----	----	----	----	18	22,226	-55.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
30	----	----	----	----	----	----	----	----	9	24,090	-51.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Standard pressure surface (mb.)	Las Vegas, Nev. (942.6 mb.)				Little Rock, Ark. (1,006.2 mb.)				Mazatlan, Mexico (1,006.0 mb.)				Medford, Oreg. (967.1 mb.)				Merida, Mexico (1,008.0 mb.)				Miami, Fla. (1,013.3 mb.)				Nantucket, Mass. (1,016.1 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	574	28.6	16	30	79	21.4	76	29	14	29.6	75	30	401	18.6	57	30	27	27.3	79	29	4	25.7	88	30	14	15.3	89
1,000	30	40	(*)	----	30	133	22.5	69	29	68	29.0	76	30	110	(*)	----	30	98	26.8	79	29	120	25.5	84	30	150	16.8	76
950	30	506	(*)	----	30	582	22.6	57	29	530	25.3	81	30	558	19.7	47	30	552	24.8	77	29	572	23.0	83	30	590	15.6	63
900	30	986	29.4	----	30	1,049	19.1	61	29	999	22.9	75	30	1,017	16.6	48	30	1,025	21.9	74	29	1,042	20.3	79	30	1,044	13.0	61
850	30	1,491	25.2	20	30	1,537	15.9	62	29	1,496	20.2	71	30	1,501	12.8	52	30	1,520	18.8	76	29	1,534	17.4	75	30	1,523	10.2	59
800	30	2,018	20.5	23	30	2,050	13.1	57	29	2,018	17.4	68	30	2,007	9.3	56	30	2,039	15.5	79	28	2,056	14.5	73	30	2,025	7.6	52
750	30	2,573	15.6	26	30	2,595	10.2	50	29	2,575	14.6	62	30	2,546	6.4	48	30	2,588	13.0	69	28	2,603	11.6	68	30	2,560	5.5	40
700	30	3,149	10.7	29	30	3,161	7.4	42	29	3,148	10.8	61	30	3,101	3.0	43	30	3,163	10.0	61	28	3,174	8.6	63	30	3,116	3.2	34
650	30	3,765	6.0	31	29	3,775	4.2	40	29	3,766	6.6	63	30	3,701	-.3	39	30	3,775	6.5	57	28	3,782	5.0	65	29	3,719	.1	36
600	30	4,411	.9	31	29	4,418	.8	38	29	4,416	2.3	65	30	4,333	-4.2	34	30	4,429	2.9	54	28	4,433	1.3	67	29	4,351	-3.7	37
550	30	5,105	-3.7	----	29	5,113	-3.3	36	29	5,116	-2.0	61	30	5,012	-8.2	36	30	5,127	-1.3	53	28	5,128	-2.3	65	29	5,036	-7.5	----
500	30	5,851	-8.8	----	29	5,859	-8.1	----	29	5,867	-5.9	47	30	5,747	-13.1	38	30	5,882	-5.8	51	26	5,882	-6.2	54	28	5,764	-12.4	----
450	30	6,665	-14.3	----	29	6,673	-13.6	----	29	6,693	-10.7	45	30	6,548	-18.9	39	30	6,706	-10.6	48	26	6,707	-10.9	54	28	6,573	-18.0	----
400	30	7,542	-20.8	----	29	7,554	-19.8	----	29	7,583	-16.1	44	30	7,408	-25.1	----	29	7,598	-15.9	47	26	7,596	-16.5	52	28	7,432	-24.3	----
350	30	8,514	-28.5	----	29	8,530	-27.2	----	28	8,575	-23.2	----	30	8,364	-32.3	----	29	8,589	-23.0	----	26	8,586	-23.4	----	28	8,391	-30.9	----
300	30	9,599	-37.2	----	29	9,621	-35.3	----	28	9,684	-31.6	----	29	9,428	-40.3	----	29	9,698	-31.7	----	26	9,695	-31.6	----	28	9,468	-38.2	----
250	30	10,834	-46.1	----	29	10,868	-43.9	----	27	10,948	-41.7	----	29	10,647	-48.9	----	28	10,960	-42.0	----	25	10,962	-41.4	----	28	10,699	-47.0	----
200	28	12,295	-54.2	----	27	12,333	-52.6	----	17	12,434	-53.4	----	29	12,084	-55.7	----	28	12,429	-54.9	----	25	12,437	-53.5	----	28	12,148	-55.2	----
175	25	13,156	-58.6	----	27	13,186	-57.3	----	6	13,276	-60.4	----	28	12,927	-57.8	----	28	13,267	-62.2	----	25	13,282	-60.0	----	28	12,994	-57.8	----
150	20	14,106	-62.7	----	27	14,147	-62.6	----	----	----	----	----	28	13,894	-59.2	----	28	14,201	-69.8	----	22	14,232	-66.9	----	28	13,962	-59.1	----
125	12	15,203	-66.7	----	23	15,266	-66.8	----	----	----	----	----	26	15,031	-60.6	----	22	15,266	-76.8	----	14	15,319	-73.1	----	28	15,099	-60.8	----
100	----	----	----	----	15	16,606	-68.4	----	----	----	----	----	23	16,412	-61.1	----	8	16,560	-79.8	----	10	16,619	-75.3	----	24	16,478	-60.4	----
80	----	----	----	----	----	----	----	----	----	----	----	----	12	17,812	-59.6	----	----	----	----	----	----	----	----	----	15	17,864	-59.0	----
60	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	10	19,662	-56.4	----
50	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	20,822	-55.4	----

Standard pressure surface (mb.)	Nashville, Tenn. (995.9 mb.)				New Orleans, La. (1,013.4 mb.)				North Platte, Nebr. (917.9 mb.)				Oakland, Calif. (1,012.2 mb.)				Oklahoma City, Okla. (969.8 mb.)				Omaha, Nebr. (980.2 mb.)				Phoenix, Ariz. (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	177	21.3	69	29	2	23.3	83	30	849	18.6	64	30	6	16.2	76	30	391	23.1	51	28	308	21.1	70	30	339	29.9	32
1,000	30	141	(*)	----	29	118	23.5	79	30	101	(*)	----	30	109	15.7	75	30	119	(*)	----	28	134	(*)	----	30	51	(*)	----
950	30	590	20.8	57	29	569	21.5	74	30	554	(*)	----	30	556	19.2	48	30	574	24.8	43	28	582	21.8	55	30	520	33.4	22
900	30	1,052	17.5	61	29	1,034	18.6	75	30	1,019	21.6	50	30	1,012	19.1	34	30	1,044	21.9	45	28	1,047	18.8	56	30	998	29.5	23
850	30	1,538	14.0	65	29	1,523	15.7	70	30	1,513	18.9	46	30	1,501	16.9	32	30	1,537	18.2	48	28	1,535	15.7	54	30	1,503	25.4	27
800	30	2,047	10.8	61	29	2,036	13.1	62	30	2,031	15.9	46	30	2,015	14.4	26	30	2,054	15.3	42	28	2,048	13.7	44	30	2,030	20.7	32
750	30	2,589	8.3	52	29	2,582	10.4	58	30	2,581	12.6	43	30	2,562	11.2	----	30	2,601	12.2	40	28	2,594	10.6	41	30	2,586	16.0	37
700	30	3,151	5.5	44	29	3,149	7.8	50	30	3,152	8.6	42	30	3,128	7.5	----	30	3,172	9.1	34	28	3,160	7.0	38	30	3,165	11.4	37
650	30	3,759	2.3	42	29	3,758	4.6	45	30	3,762	4.2	42	30	3,738	3.8	----	30	3,782	5.5	33	28	3,768	3.0	37	30	3,782	6.9	36
600	29	4,398	-.9	36	28	4,406	1.1	43	30	4,406	-.5	39	30	4,380	-.4	----	30	4,430	1.2	33	28	4,408	-1.3	37	30	4,431	2.0	37
550	29	5,091	-4.7	----	28	5,104	-2.6	40	29	5,095	-5.3	36	30	5,071	-4.8	----	30	5,123	-3.2	29	28	5,100	-5.6	----	30	5,127	-3.2	38
500	28	5,832	-9.3	----	27	5,851	-7.0	----	29	5,836	-10.5	----	30	5,813	-9.6	----	30	5,872	-8.1	30	28	5,837	-10.2	----	29	5,873	-8.5	34
450	28	6,650	-14.8	----	27	6,676	-11.8	----	29	6,647	-15.8	----	30	6,625	-15.5	----	29	6,688	-13.8	----	28	6,646	-15.6	----	26	6,699	-13.8	----
400	28	7,521	-21.1	----	27	7,559	-17.6	----	29	7,517	-22.5	----	30	7,498	-21.6	----	29	7,564	-20.4	----	28	7,519	-22.0	----	26	7,571	-20.0	----
350	27	8,497	-28.0	----	26	8,544	-24.6	----	29	8,483	-29.9	----	30	8,468	-28.8	----	29	8,540	-27.2	----	28	8,486	-29.5	----	26	8,547	-27.4	----
300	26	9,592	-35.4	----	26	9,648	-32.5	----	29	9,563	-38.3	----	30	9,552	-37.1	----	28	9,632	-35.3	----	28	9,568	-37.8	----	26	9,639	-35.8	----
250	25	10,836	-44.1	----	25	10,909	-41.7	----	29	10,792	-46.1	----	29	10,790	-46.0	----	28	10,878	-43.9	----	28	10,799	-47.4	----	26	10,883	-44.5	----
200	25	12,303	-53.2	----	23	12,393	-53.1	----	29	12,234	-56.3	----	29	12,246	-53.9	----	25	12,343	-53.1	----	27	12,238	-56.2	----	25	12,348	-53.9	----
175	23	13,160	-57.8	----	22	13,245	-59.0	----	27	13,066	-60.2	----	29	13,095	-57.6	----	25	13,193	-57.8	----	25	13,081	-59.3	----	21	13,193	-58.2	----
150	23	14,120	-62.5	----	22	14,198	-64.8	----	15	14,036	-63.3	----	28	14,058	-60.9	----	25	14,154	-62.4	----	14	14,023	-62.2	----	10	14,141	-62.1	----
125	16	15,225	-66.1	----	18	15,283	-69.7	----	6	15,112	-64.6	----	25	15,192	-64.2	----	20	15,265	-66.1	----	10	15,176	-65.7	----	----	----	----	----
100	11	16,559	-66.6	----	7	16,604	-72.8	----	----	----	----	----	19	16,533	-65.0	----	10	16,624	-65.9	----	8	16,521	-66.9	----	----	----	----	----
80	7	17,905	-63.8	----	----	----	----	----	----	----	----	----	7	17,852	-61.1	----	----	----	----	----	7	17,870	-64.0	----	----	----	----	----
60	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6	19,636	-60.4	----	----	----	----	----

See footnotes at end of table.

TABLE 1.—*Mean dynamic height (geopotential) in units of 0.98 dynamic meters, temperature in degrees centigrade, and relative humidity in percent, for standard pressures, as obtained by radiosondes during September 1948*—Continued

Standard pressure surface (mb.)	Pittsburgh, Pa. (974.0 mb.)				Portland, Maine (1,014.5 mb.)				Rapid City, S. Dak. (903.0 mb.)				St. Cloud, Minn. (979.2 mb.)				San Antonio, Tex. (985.6 mb.)				San Juan, P. R. (1,012.5 mb.)				Santa Maria, Calif. (1,003.9 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	382	17.9	67	30	20	13.5	79	29	980	17.5	50	30	317	16.5	74	30	240	24.2	71	30	15	26.5	83	30	71	14.9	80
1,000	30	154	(*)	----	30	142	16.4	69	29	88	(*)	----	30	135	(*)	----	30	111	(*)	----	30	125	25.9	82	30	104	14.8	79
950	30	602	18.0	62	30	581	15.4	59	29	543	(*)	----	30	585	20.0	52	30	567	24.6	59	30	583	23.2	80	30	548	19.1	56
900	30	1,058	15.9	57	30	1,035	12.4	62	29	1,009	(*)	----	30	1,041	17.0	53	30	1,036	21.4	61	30	1,048	20.3	77	30	1,009	21.5	32
850	30	1,541	12.9	60	30	1,512	8.8	65	29	1,502	19.8	37	30	1,526	14.3	48	30	1,529	17.9	65	30	1,540	17.3	74	30	1,501	19.5	27
800	29	2,046	10.1	56	30	2,012	6.0	62	29	2,021	16.4	38	30	2,036	12.1	43	30	2,045	14.4	67	30	2,057	15.0	64	30	2,018	16.0	25
750	29	2,588	7.1	59	30	2,541	3.6	50	29	2,569	12.9	40	30	2,578	9.3	45	30	2,594	11.6	61	30	2,605	12.5	55	30	2,565	12.6	----
700	28	3,145	4.3	54	30	3,095	.6	44	29	3,141	9.0	37	30	3,143	6.0	43	30	3,163	9.0	45	30	3,178	9.5	52	30	3,138	9.2	----
650	28	3,749	1.1	47	30	3,687	−2.4	40	29	3,752	4.5	37	30	3,750	2.3	40	30	3,779	5.8	40	30	3,793	5.8	51	30	3,749	5.2	----
600	28	4,385	−2.6	46	30	4,319	−5.8	36	29	4,396	−.5	42	30	4,388	−1.6	38	30	4,424	1.8	40	30	4,441	2.0	49	30	4,396	1.4	----
550	28	5,071	−6.6	46	30	4,995	−9.7	38	29	5,086	−5.5	44	30	5,074	−6.2	38	30	5,123	−2.1	38	30	5,140	−2.0	46	30	5,096	−2.6	----
500	28	5,808	−11.1	41	30	5,725	−14.4	----	29	5,826	−10.6	39	30	5,814	−11.2	40	30	5,871	−6.5	----	30	5,890	−6.5	47	30	5,840	−7.2	----
450	28	6,619	−16.5	----	30	6,519	−20.1	----	29	6,634	−16.1	38	30	6,622	−16.4	----	30	6,695	−11.7	----	29	6,717	−11.7	42	30	6,662	−12.9	----
400	27	7,493	−22.4	----	30	7,379	−26.3	----	29	7,505	−22.4	----	30	7,492	−22.5	----	30	7,579	−17.6	----	28	7,599	−17.5	39	29	7,541	−19.7	----
350	26	8,467	−29.1	----	30	8,331	−33.2	----	29	8,471	−29.8	----	30	8,457	−30.0	----	30	8,564	−24.8	----	28	8,585	−24.4	----	29	8,518	−27.1	----
300	26	9,549	−37.2	----	30	9,397	−40.8	----	29	9,551	−38.2	----	30	9,536	−38.4	----	30	9,666	−33.0	----	28	9,689	−33.0	----	29	9,609	−35.6	----
250	26	10,785	−46.2	----	30	10,615	−48.9	----	29	10,780	−47.5	----	30	10,765	−47.5	----	30	10,925	−41.6	----	28	10,945	−43.2	----	29	10,853	−44.3	----
200	25	12,245	−54.5	----	30	12,056	−55.6	----	29	12,226	−55.4	----	30	12,211	−55.6	----	30	12,404	−52.2	----	28	12,408	−55.1	----	28	12,317	−53.0	----
175	25	13,093	−57.8	----	30	12,902	−57.3	----	29	13,071	−57.9	----	30	13,057	−57.5	----	30	13,255	−58.0	----	26	13,248	−61.2	----	27	13,167	−57.6	----
150	25	14,058	−60.2	----	29	13,874	−58.4	----	29	14,036	−60.6	----	28	14,023	−59.3	----	28	14,217	−63.9	----	26	14,190	−67.5	----	25	14,134	−62.6	----
125	22	15,181	−62.3	----	26	15,008	−60.1	----	26	15,159	−62.3	----	21	15,154	−60.2	----	23	15,315	−68.6	----	25	15,272	−72.9	----	23	15,249	−67.1	----
100	11	16,545	−61.7	----	26	16,398	−59.7	----	14	16,523	−61.1	----	11	16,539	−56.5	----	14	16,639	−70.6	----	13	16,567	−74.0	----	16	16,591	−68.0	----
80	7	17,922	−60.7	----	24	17,789	−58.5	----	9	17,901	−58.6	----	8	17,944	−56.4	----	----	----	----	----	----	----	----	----	7	17,967	−66.0	----
60	5	19,720	−58.2	----	21	19,605	−56.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
50	----	----	----	----	14	20,766	−55.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
40	----	----	----	----	8	22,201	−54.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Standard pressure surface (mb.)	Sault Ste. Marie, Mich. (992.2 mb.)				Spokane, Wash. (931.3 mb.)				Swan Island, W. I. (1,010.1 mb.)				Tacubaya, Mexico (773.3 mb.)				Tampa, Fla. (1,012.9 mb.)				Tatoosh Island, Wash. (1,012.2 mb.)				Toledo, Ohio (995.1 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	221	10.2	87	30	721	15.8	49	30	10	27.7	80	29	2,306	16.5	71	30	9	24.8	86	30	31	12.9	89	30	191	17.5	77
1,000	30	154	(*)	----	30	110	(*)	----	30	99	27.3	79	29	56	(*)	----	30	121	24.5	84	30	133	12.7	85	30	148	(*)	----
950	30	596	15.3	64	30	552	(*)	----	30	562	23.9	81	29	517	(*)	----	30	577	22.1	82	30	569	12.1	72	30	590	18.7	57
900	30	1,046	13.3	57	30	1,012	16.0	45	30	1,025	21.3	75	29	994	(*)	----	30	1,040	19.5	78	30	1,016	10.0	67	30	1,052	15.5	59
850	30	1,525	10.7	52	30	1,494	12.2	48	30	1,519	18.7	67	29	1,489	(*)	----	30	1,531	16.5	77	30	1,488	7.2	66	30	1,535	12.5	55
800	30	2,028	8.1	51	30	1,999	8.2	51	30	2,038	16.1	57	29	2,015	(*)	----	30	2,046	13.5	71	30	1,985	4.7	61	30	2,041	10.0	55
750	30	2,565	5.5	45	30	2,534	4.5	50	30	2,596	13.0	53	29	2,567	14.3	74	29	2,590	10.7	61	30	2,515	2.3	51	30	2,580	7.0	55
700	30	3,120	2.8	42	30	3,088	1.2	48	30	3,161	9.8	49	29	3,146	9.8	81	29	3,160	7.6	59	30	3,064	−.4	47	30	3,140	4.3	48
650	30	3,720	−.4	39	30	3,682	−2.6	44	30	3,783	6.0	49	29	3,762	5.3	87	29	3,770	4.1	59	30	3,656	−3.9	46	30	3,742	1.0	40
600	30	4,352	−4.1	40	29	4,312	−6.5	44	30	4,424	1.9	53	29	4,409	1.3	89	29	4,414	.5	57	30	4,280	−7.5	45	30	4,380	−2.8	39
550	30	5,035	−8.5	38	29	4,988	−10.7	42	30	5,130	−1.9	50	29	5,108	−2.8	91	29	5,107	−3.3	58	30	4,954	−11.6	40	30	5,064	−7.0	----
500	29	5,772	−13.1	34	29	5,713	−15.3	44	30	5,874	−6.3	52	29	5,857	−6.7	76	29	5,856	−7.2	55	30	5,678	−16.0	40	30	5,801	−11.7	----
450	29	6,576	−18.9	35	29	6,509	−20.6	----	30	6,712	−10.9	46	29	6,685	−11.1	64	29	6,677	−12.0	55	30	6,472	−21.3	----	30	6,610	−17.2	----
400	29	7,435	−25.2	----	29	7,362	−27.0	----	30	7,589	−16.2	42	29	7,571	−16.6	56	29	7,563	−17.5	55	30	7,323	−27.5	----	30	7,473	−23.6	----
350	29	8,390	−32.6	----	28	8,312	−34.1	----	30	8,580	−23.0	----	29	8,560	−23.7	----	29	8,549	−24.3	----	30	8,270	−34.4	----	29	8,440	−30.6	----
300	29	9,458	−40.6	----	27	9,375	−41.7	----	30	9,689	−31.5	----	29	9,667	−32.2	----	29	9,653	−32.6	----	29	9,331	−41.8	----	29	9,517	−38.6	----
250	28	10,673	−49.0	----	26	10,582	−49.5	----	30	10,952	−41.5	----	29	10,926	−42.5	----	29	10,910	−42.6	----	27	10,550	−48.4	----	28	10,748	−47.4	----
200	24	12,119	−55.5	----	24	12,028	−54.7	----	30	12,425	−54.0	----	23	12,392	−55.5	----	28	12,375	−54.9	----	27	11,996	−54.2	----	27	12,195	−55.9	----
175	21	12,957	−57.4	----	24	12,879	−55.7	----	30	13,267	−61.2	----	21	13,224	−62.9	----	28	13,214	−61.3	----	24	12,834	−54.7	----	25	13,034	−58.7	----
150	15	13,923	−58.3	----	24	13,857	−56.8	----	29	14,206	−68.7	----	7	14,169	−70.0	----	25	14,162	−67.5	----	23	13,816	−55.0	----	22	14,001	−60.9	----
125	----	----	----	----	23	15,006	−57.5	----	26	15,282	−75.2	----	----	----	----	----	22	15,249	−73.2	----	21	14,993	−55.7	----	19	15,118	−63.1	----
100	----	----	----	----	19	16,413	−57.0	----	7	16,558	−78.3	----	----	----	----	----	7	16,509	−74.5	----	18	16,415	−55.2	----	11	16,479	−62.6	----
80	----	----	----	----	15	17,836	−56.6	----	----	----	----	----	----	----	----	----	----	----	----	----	12	17,836	−54.3	----	8	17,851	−60.9	----
60	----	----	----	----	11	19,687	−54.9	----	----	----	----	----	----	----	----	----	----	----	----	----	8	19,651	−52.9	----	----	----	----	----
50	----	----	----	----	7	20,876	−54.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

See footnotes at end of table.

TABLE 1.—*Mean dynamic height (geopotential) in units of 0.98 dynamic meters, temperature in degrees centigrade, and relative humidity in percent, for standard pressures, as obtained by radiosondes during September 1948*—Continued

Standard pressure surface (mb.)	Washington, D. C. (1,015.6 mb.) Number of observations	Dynamic height	Temperature	Relative humidity
Surface	30	25	19.8	77
1,000	30	159	19.9	68
950	30	602	17.9	61
900	30	1,061	15.0	61
850	30	1,543	12.2	59
800	30	2,049	9.7	54
750	30	2,584	6.9	50
700	30	3,146	3.9	52
650	30	3,747	.7	44
600	30	4,384	−2.7	40
550	30	5,070	−6.4	----
500	30	5,808	−11.1	----

Standard pressure surface (mb.)	Washington, D. C. (1,015.6 mb.) Number of observations	Dynamic height	Temperature	Relative humidity
450	30	6,615	−16.6	----
400	30	7,484	−22.9	----
350	29	8,450	−29.7	----
300	29	9,531	−37.4	----
250	29	10,776	−46.1	----
200	25	12,217	−54.8	----
175	22	13,068	−59.4	----
150	17	14,018	−62.7	----
125	9	15,124	−64.8	----
100	8	16,481	−64.6	----
80	6	17,836	−63.7	----

[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 Ciudad Victoria, 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.

TABLE 2.—*Free-air resultant winds based on pilot balloon observations made near 2200 G. C. T., during September 1948. Directions given in degrees from north (N=360°, E=90°, S=180°, W=270°). Speeds in meters per second*

Altitude (meters) m. s. l.	Abilene, Tex. (534 m.) Observations	Direction	Speed	Albuquerque, N. Mex. (1,627 m.) Observations	Direction	Speed	Atlanta, Ga. (299 m.) Observations	Direction	Speed	Billings, Mont. (1,095 m.) Observations	Direction	Speed	Bismarck, N. Dak. (512 m.) Observations	Direction	Speed	Boise, Idaho (868 m.) Observations	Direction	Speed
Surface	30	106	2.4	30	224	2.1	28	79	1.6	30	117	0.2	30	162	2.7	30	300	2.2
500	---	---	---	---	---	---	28	78	2.2	---	---	---	---	---	---	---	---	---
1,000	30	103	2.7	---	---	---	28	59	2.5	---	---	---	30	172	2.6	30	295	1.9
1,500	30	102	2.3	---	---	---	25	82	1.5	30	243	.7	29	200	3.4	30	251	1.0
2,000	29	206	2.6	30	230	1.9	23	76	1.3	29	246	1.8	28	220	4.0	30	235	1.6
2,500	29	101	2.6	30	216	1.2	21	47	1.3	28	255	3.8	28	244	5.5	29	243	3.5
3,000	26	73	2.1	30	238	1.1	17	62	.9	28	249	5.7	28	253	8.3	29	234	5.2
4,000	24	20	2.7	30	257	2.0	17	310	.4	26	254	9.4	26	263	9.2	27	244	9.0
5,000	21	3	4.9	29	269	3.2	16	3	1.1	20	248	12.0	22	269	11.0	25	239	13.8
6,000	19	348	5.4	29	259	3.5	14	303	2.0	14	247	13.1	19	265	11.2	17	252	12.6
8,000	15	298	6.3	25	257	5.0	10	326	6.1	---	---	---	13	269	11.7	15	259	15.5
10,000	10	284	7.7	24	259	6.7	---	---	---	---	---	---	---	---	---	---	---	---
12,000	---	---	---	23	263	11.4	---	---	---	---	---	---	---	---	---	---	---	---
14,000	---	---	---	19	277	9.9	---	---	---	---	---	---	---	---	---	---	---	---

Altitude (meters) m. s. l.	Brownsville, Tex. (7 m.) Observations	Direction	Speed	Buffalo, N. Y. (220 m.) Observations	Direction	Speed	Burlington, Vt. (100 m.) Observations	Direction	Speed	Charleston, S. C. (16 m.) Observations	Direction	Speed	Cincinnati, Ohio (273 m.) Observations	Direction	Speed	Denver, Colo. (1,618 m.) Observations	Direction	Speed	El Paso, Tex. (1,198 m.) Observations	Direction	Speed
Surface	29	66	3.4	30	288	1.5	30	293	0.8	27	82	2.8	30	311	0.6	30	57	1.8	30	148	0.9
500	29	61	3.6	30	280	2.4	30	265	1.7	26	83	3.6	30	291	.9	---	---	---	---	---	---
1,000	28	52	2.4	30	278	2.8	30	279	3.4	25	71	3.4	30	249	.6	---	---	---	---	---	---
1,500	26	43	2.1	30	286	3.1	28	280	4.3	23	53	1.7	30	200	.4	---	---	---	30	138	1.6
2,000	25	11	2.2	28	283	3.4	25	290	5.2	19	4	1.2	28	292	.7	30	80	2.9	30	143	1.4
2,500	24	13	2.5	23	281	4.2	25	297	6.9	18	358	2.3	24	305	1.9	30	95	3.0	30	117	1.0
3,000	23	352	2.7	19	281	5.6	25	299	8.4	16	346	3.0	20	302	1.8	30	120	1.8	30	100	1.2
4,000	22	327	2.6	16	295	8.1	23	303	9.5	13	320	4.4	16	330	2.4	29	228	3.4	28	85	.8
5,000	20	299	3.4	---	---	---	19	308	9.4	13	309	3.3	12	347	3.3	27	252	7.3	29	279	1.2
6,000	19	281	3.9	---	---	---	14	316	8.1	---	---	---	12	305	3.2	23	247	8.5	26	285	1.3
8,000	17	274	6.5	---	---	---	---	---	---	---	---	---	---	---	---	17	250	8.0	23	266	2.9
10,000	16	258	10.9	---	---	---	---	---	---	---	---	---	---	---	---	16	256	8.2	18	268	7.0
12,000	15	257	12.0	---	---	---	---	---	---	---	---	---	---	---	---	14	283	7.4	15	276	7.9
14,000	10	238	7.7	---	---	---	---	---	---	---	---	---	---	---	---	13	270	8.5	13	262	9.3

Altitude (meters) m. s. l.	Ely, Nev. (1,910 m.) Observations	Direction	Speed	Grand Junction, Colo. (1,475 m.) Observations	Direction	Speed	Greensboro, N. C. (271 m.) Observations	Direction	Speed	Havre, Mont. (767 m.) Observations	Direction	Speed	Jacksonville, Fla. (16 m.) Observations	Direction	Speed	Joliet, Ill. (178 m.) Observations	Direction	Speed
Surface	30	207	3.0	30	252	1.4	27	48	1.8	30	268	2.7	29	57	4.3	29	58	0.3
500	---	---	---	---	---	---	27	52	2.0	---	---	---	29	66	5.3	29	88	.9
1,000	---	---	---	---	---	---	27	51	1.6	30	257	3.7	24	69	3.4	28	124	.1
1,500	---	---	---	30	254	1.4	26	3	.7	30	248	4.5	23	124	.4	28	257	1.1
2,000	30	211	3.2	30	252	2.2	25	35	.9	30	247	4.4	19	220	.8	27	288	2.2
2,500	30	207	3.2	30	238	2.3	24	8	.5	29	247	7.2	18	227	1.3	24	287	3.5
3,000	30	218	4.1	30	238	3.2	20	291	1.7	27	240	7.5	14	243	1.7	23	295	4.2
4,000	27	223	6.0	30	236	5.5	18	318	4.1	19	252	11.2	12	252	3.4	17	309	4.0
5,000	25	242	7.1	25	239	6.5	12	307	5.5	16	258	13.7	---	---	---	10	325	3.3
6,000	23	244	8.5	21	238	6.7	---	---	---	12	255	15.7	---	---	---	---	---	---
8,000	17	254	12.6	20	248	8.5	---	---	---	---	---	---	---	---	---	---	---	---
10,000	14	254	17.7	16	285	11.9	---	---	---	---	---	---	---	---	---	---	---	---
12,000	10	249	17.0	14	294	15.6	---	---	---	---	---	---	---	---	---	---	---	---
14,000	---	---	---	10	289	12.1	---	---	---	---	---	---	---	---	---	---	---	---

Altitude (meters) m. s. l.	Las Vegas, Nev. (575 m.) Observations	Direction	Speed	Little Rock, Ark. (88 m.) Observations	Direction	Speed	Medford, Oreg. (416 m.) Observations	Direction	Speed	Miami, Fla. (12 m.) Observations	Direction	Speed	Mobile, Ala. (66 m.) Observations	Direction	Speed	Nashville, Tenn. (182 m.) Observations	Direction	Speed	New York N. Y. (15 m.) Observations	Direction	Speed
Surface	30	179	2.0	29	72	2.7	30	288	1.6	27	123	2.4	26	140	1.7	28	16	0.7	29	188	1.9
500	---	---	---	29	77	2.3	30	297	1.6	27	141	3.6	26	121	2.3	28	49	.9	29	244	2.2
1,000	30	186	3.8	28	82	2.3	30	297	1.4	26	149	2.5	24	91	1.9	28	131	.6	29	286	3.3
1,500	30	186	4.1	26	64	2.8	29	221	1.9	26	162	1.7	20	68	2.9	27	233	.5	29	294	4.2
2,000	30	195	3.9	25	65	3.3	27	210	4.2	24	172	1.7	18	66	2.4	26	227	.1	27	308	4.5
2,500	30	208	4.8	23	56	3.5	25	211	4.3	21	185	1.9	16	61	1.8	25	308	.7	25	310	6.3
3,000	30	219	5.3	18	51	4.7	24	230	4.7	21	184	2.6	15	53	2.2	20	8	2.1	25	310	6.5
4,000	30	218	7.0	15	13	4.4	23	244	6.6	18	185	2.1	11	333	3.0	17	339	2.4	20	307	7.3
5,000	30	230	7.9	13	14	5.4	23	252	8.5	13	188	4.9	---	---	---	13	351	3.6	14	300	8.4
6,000	29	229	8.2	12	348	3.1	20	261	9.6	12	200	4.5	---	---	---	11	333	5.2	10	293	8.8
8,000	26	238	7.4	---	---	---	15	266	12.2	---	---	---	---	---	---	---	---	---	---	---	---
10,000	20	271	8.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12,000	15	267	10.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14,000	13	279	10.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10	273	9.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 2.—*Free-air resultant winds based on pilot balloon observations made near 2200 G. C. T., during September 1948. Directions given in degrees from north (N=360°, E=90°, S=180°, W=270°). Speeds in meters per second*—Continued

Altitude (meters) m. s. l.	Oakland, Calif. (8 m.)			Oklahoma City, Okla. (396 m.)			Omaha, Nebr. (306 m.)			Phoenix, Ariz. (338 m.)			Rapid City, S. Dak. (982 m.)			St. Cloud, Minn. (318 m.)			St. Louis, Mo. (181 m.)			San Antonio, Tex. (240 m.)			San Diego, Calif. (13 m.)			Sault Ste. Marie, Mich. (225 m.)			Seattle, Wash. (116 m.)			Spokane, Wash. (725 m.)			Washington, D. C. (24 m.)		
	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed
Surface	30	268	4.6	30	155	3.4	30	148	2.1	30	257	0.7	30	138	2.0	29	174	1.6	29	360	1.4	29	79	3.1	30	274	3.2	28	284	1.5	28	299	1.0	30	221	1.9	29	188	0.7
500	30	303	3.2	30	153	3.5	30	165	3.1	30	249	1.2	---	---	---	29	172	2.1	29	9	1.9	29	72	3.5	30	274	2.7	28	278	1.7	28	234	1.7	---	---	---	29	230	1.0
1,000	30	309	2.1	29	153	3.7	30	174	3.7	30	230	1.4	30	140	1.9	29	173	3.1	26	20	1.2	29	74	3.5	30	288	2.2	28	275	2.2	27	208	3.2	30	212	3.2	29	245	.9
1,500	29	284	1.9	29	157	2.6	30	189	3.4	30	188	1.6	30	169	2.5	29	218	4.0	26	353	.4	28	62	3.5	30	276	2.1	25	290	3.1	26	202	3.6	30	211	3.5	29	290	1.2
2,000	28	269	1.8	28	147	2.1	29	225	2.9	30	170	2.8	30	179	3.3	28	240	4.6	25	360	1.1	26	51	3.2	30	263	1.8	24	313	3.4	22	198	3.9	28	208	4.7	29	313	2.5
2,500	28	256	2.9	26	150	1.5	26	251	3.9	30	186	2.6	29	214	4.5	26	249	5.4	21	314	1.9	24	56	2.8	30	228	1.6	21	288	4.8	20	208	3.4	27	212	5.2	27	296	3.8
3,000	28	250	4.0	26	67	.3	26	266	4.3	30	208	2.5	28	234	5.6	25	257	5.0	20	302	2.7	22	48	3.5	30	200	2.8	17	294	6.5	18	221	2.9	27	216	6.2	27	294	4.7
4,000	27	242	5.6	23	293	2.9	25	293	4.6	28	218	2.1	26	260	6.5	23	287	5.4	28	337	3.3	21	355	4.4	29	195	4.4	16	305	7.5	17	248	2.4	23	243	5.7	22	300	5.0
5,000	26	244	7.1	19	322	4.2	23	309	5.7	25	189	1.7	24	255	7.8	21	286	5.5	15	297	5.9	18	358	3.8	28	204	4.6	15	299	8.9	16	260	5.2	17	248	8.7	21	306	6.4
6,000	26	259	8.6	16	306	5.1	21	307	5.4	24	225	1.0	21	263	9.8	21	303	5.8	12	303	5.7	14	332	3.9	28	224	4.2	10	305	9.9	13	268	6.2	13	247	9.2	21	294	8.0
8,000	23	272	11.7	---	---	---	19	304	7.5	12	347	3.9	16	272	13.6	18	297	9.1	10	296	9.1	---	---	---	26	253	4.5	---	---	---	---	---	---	10	245	8.4	16	289	12.0
10,000	21	263	13.6	---	---	---	17	295	7.9	---	---	---	11	280	11.0	11	328	8.4	---	---	---	---	---	---	17	291	8.4	---	---	---	---	---	---	---	---	---	11	289	15.2
12,000	14	265	18.1	---	---	---	15	308	9.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11	285	10.6	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 3.—*Free-air resultant winds based on rawin observations made near 0300 G. C. T., during September 1948. Directions given in degrees from north (N=360°, E=90°, S=180°, W=270°). Speeds in meters per second*

Altitude (meters) m. s. l.	Albuquerque, N. Mex. (1,636 m.)			Big Spring, Tex. (774 m.)			Bismarck, N. Dak. (505 m.)			Brownsville, Tex. (7 m.)			Caribou, Maine (191 m.)			Charleston, S. C. (13 m.)			Columbia, Mo. (237 m.)			Grand Junction, Colo. (1,473 m.)			Greensboro, N. C. (275 m.)			Hatteras, N. C. (3 m.)			International Falls, Minn. (358 m.)			Little Rock, Ark. (80 m.)			Miami, Fla. (12 m.)		
	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed
Surface	30	140	2.9	30	138	3.1	30	107	2.9	30	76	1.3	30	276	1.8	30	55	1.5	30	92	1.2	30	96	0.8	28	59	1.3	30	48	2.1	30	125	1.0	30	49	1.1	29	94	1.8
500	---	---	---	---	---	---	---	---	---	30	68	5.2	30	307	4.4	30	88	4.7	30	131	2.2	---	---	---	27	87	2.1	28	55	2.1	30	170	2.0	30	80	4.0	29	105	3.7
1,000	---	---	---	30	135	6.0	30	150	4.7	30	51	5.0	30	315	5.5	30	84	4.3	30	126	2.0	---	---	---	27	83	2.4	28	53	1.3	30	211	3.7	30	74	4.1	29	103	3.3
1,500	---	---	---	30	131	5.9	30	194	4.7	30	36	4.4	30	329	6.6	30	78	2.8	30	145	.7	30	105	.8	28	44	1.9	28	19	.8	28	251	4.8	30	62	3.1	29	97	2.8
2,000	30	169	2.8	30	126	3.4	30	227	5.6	30	27	4.4	29	316	6.9	29	68	1.3	30	303	.9	30	205	1.5	28	36	1.9	29	347	1.1	28	263	4.4	30	51	3.1	29	107	1.8
2,500	30	196	2.7	30	97	1.6	29	244	6.3	30	20	3.4	28	305	7.5	29	339	.3	30	335	2.2	30	215	2.2	28	35	1.8	29	300	1.6	29	271	5.3	30	42	3.5	28	128	2.2
3,000	30	214	2.0	30	58	1.6	29	260	7.4	30	16	2.8	28	301	7.9	29	280	1.2	30	355	3.7	30	222	3.2	28	349	1.2	30	326	2.3	30	276	6.2	29	35	4.4	28	150	1.6
4,000	30	280	2.6	30	19	3.3	29	263	8.3	29	326	1.8	26	287	9.5	29	266	1.7	30	357	5.4	29	226	4.0	28	302	1.7	30	328	3.5	30	277	8.3	29	14	5.3	28	191	2.0
5,000	29	320	2.1	27	26	4.4	29	263	9.0	29	309	1.4	25	289	8.9	29	259	3.3	30	343	5.8	29	243	4.3	27	304	3.7	30	293	4.8	30	281	9.4	29	1	5.9	28	213	2.1
6,000	28	301	2.7	27	17	3.1	27	265	10.9	27	286	2.6	22	279	10.0	28	263	5.6	30	334	6.7	29	257	6.4	25	290	5.6	30	280	6.9	28	281	9.8	29	349	6.0	26	230	2.9
8,000	27	281	3.3	23	305	2.8	24	263	14.2	28	279	5.4	20	275	11.8	27	258	10.5	30	319	7.7	29	253	8.6	23	277	11.7	30	277	11.5	25	279	11.1	29	319	4.7	26	233	3.4
10,000	24	281	6.2	21	272	8.3	21	252	18.4	27	263	9.0	17	260	13.6	27	262	15.5	29	297	10.2	27	258	11.9	22	266	15.0	29	276	16.2	22	284	13.1	28	268	7.5	25	269	4.7
12,000	19	274	9.0	21	264	11.3	21	254	20.7	25	257	11.4	10	261	14.5	25	268	20.2	27	297	12.2	25	269	12.2	22	273	21.6	28	282	23.3	20	281	15.6	26	251	14.4	24	293	7.4
14,000	16	267	9.8	21	263	9.0	17	247	15.4	23	237	10.2	---	---	---	19	287	16.6	21	292	11.9	21	259	13.4	22	278	20.8	25	292	18.8	17	294	10.0	21	252	12.5	24	298	7.1
16,000	14	273	9.0	15	269	4.0	10	253	9.5	17	178	9.4	---	---	---	16	305	10.2	---	---	---	10	272	8.2	10	275	11.2	---	---	---	---	---	---	17	271	5.7	12	332	3.0
18,000	---	---	---	---	---	---	---	---	---	13	105	7.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Altitude (meters) m. s. l.	Nantucket, Mass. (14 m.)			Nashville, Tenn. (180 m.)			New Orleans, La. (6 m.)			Oakland, Calif. (8 m.)			Oklahoma City, Okla. (392 m.)			Rapid City, S. Dak. (980 m.)			St. Cloud, Minn. (318 m.)			San Antonio, Tex. (242 m.)			San Juan, P. R. (28 m.)			Santa Maria, Calif. (72 m.)			Sault Ste. Marie, Mich. (221 m.)			Spokane, Wash. (726 m.)			Tatoosh Island, Wash. (33 m.)		
	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed	Observations	Direction	Speed
Surface	30	252	0.8	30	65	2.2	29	68	1.9	30	291	3.4	30	119	3.4	30	216	0.5	30	147	1.4	30	74	1.6	30	126	2.8	29	274	2.3	30	319	0.7	29	215	1.6	29	211	5.8
500	28	288	3.0	30	87	3.0	29	87	4.2	30	298	4.4	29	125	5.0	---	---	---	29	144	3.0	30	91	4.2	30	105	6.7	29	331	3.9	30	339	1.8	---	---	---	28	227	1.8
1,000	28	338	2.9	30	105	3.2	29	84	4.3	30	286	3.4	28	135	6.3	29	203	.5	28	158	3.6	30	91	5.5	30	99	7.1	29	360	3.3	29	277	2.7	29	222	2.6	28	235	2.1
1,500	27	336	4.9	29	106	2.8	29	84	3.6	30	275	2.4	29	144	4.0	28	166	2.2	28	205	2.8	30	82	4.6	30	93	7.2	29	9	2.2	29	272	4.0	29	244	3.6	28	237	2.0
2,000	28	327	5.0	28	107	2.0	29	94	2.7	29	248	2.7	30	166	2.8	28	190	2.8	29	255	3.1	30	71	4.3	30	93	7.0	29	304	.4	29	274	4.7	29	240	4.7	28	246	2.4
2,500	28	327	5.1	28	66	1.3	27	113	1.5	29	242	2.8	30	155	.6	28	210	3.5	30	262	4.1	30	59	4.0	30	96	7.0	28	256	2.4	28	256	5.5	27	239	6.3	28	260	3.5
3,000	27	322	6.0	27	37	1.7	28	198	.7	29	236	3.4	30	4	1.0	28	246	4.7	30	271	3.9	30	62	4.0	30	92	6.0	28	262	3.8	27	307	5.0	26	234	7.5	28	271	4.5
4,000	25	313	8.0	27	322	2.1	27	203	1.3	29	232	4.8	30	5	3.7	28	263	6.8	29	283	5.5	30	34	4.5	30	88	4.8	27	252	5.4	26	321	6.4	23	239	7.8	28	272	6.5
5,000	24	297	9.5	25	305	3.5	27	246	2.9	27	243	5.9	30	3	4.4	28	268	8.6	28	294	6.0	30	21	4.7	30	98	3.5	28	259	6.1	23	317	8.2	20	250	9.0	27	274	8.0
6,000	20	295	12.8	25	302	4.6	27	248	4.7	27	256	6.8	30	352	5.5	29	262	10.4	28	286	7.8	30	5	3.8	29	91	3.9	28	255	8.3	21	315	8.0	18	253	11.5	26	264	9.2
8,000	17	285	14.3	25	291	8.1	26	249	9.8	25	255	12.4	29	342	6.1	29	264	14.2	27	288	10.5	30	320	4.5	27	97	3.3	26	256	10.3	18	335	11.0	14	297	12.3	20	275	11.3
10,000	16	278	18.4	22	279	14.7	26	254	16.1	21	255	15.0	28	304	9.1	30	258	16.5	27	279	13.4	30	277	9.1	26	53	1.7	25	263	12.2	13	339	12.5	10	259	12.6	16	282	12.6
12,000	12	284	15.3	19	278	19.1	21	262	17.8	18	271	18.5	25	283	12.4	30	264	14.6	24	278	12.9	30	275	12.7	26	21	2.8	22	271	16.5	---	---	---	---	---	---	16	281	14.1
14,000	---	---	---	16	284	16.0	19	268	15.1	15	267	25.1	22	265	12.7	28	266	15.2	21	287	12.5	29	279	13.5	24	12	7.1	19	266	16.5	---	---	---	---	---	---	14	285	11.5
16,000	---	---	---	---	---	---	---	---	---	11	261	17.8	13	300	7.3	21	265	12.4	10	287	10.7	---	---	---	18	42	2.8	14	264	8.5	---	---	---	---	---	---	12	271	9.1
18,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	268	4.7

NOTE.—Resultants prepared from rawins at high altitudes are biased toward lower wind speeds. Values appearing in this table should therefore be used with caution when the number of observations missing is greater than three. See note following Table 3 in the June 1948 issue of the MONTHLY WEATHER REVIEW.