

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

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CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JANUARY 1950

Volume LIV No. 1



MARYLAND AND DELAWARE - JANUARY 1950

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WEATHER SUMMARY

Record smashing mid-winter warmth was the dominant feature of the weather during this month. In Maryland and the District of Columbia, the average of mean temperatures was at the highest point of record, supplanting the previous record of 1932, while Delaware was next to the highest, being exceeded only in 1932 by one-half degree. About two-thirds of the stations in the two-state area reported the highest January temperature of record. Precipitation, practically all of which was rain in view of the warm temperatures, was well above normal in the western portion of Garrett County but near or below normal and of frequent occurrence in Delaware, The District of Columbia, and the remainder of Maryland. Average monthly snowfall was the lowest of record in Maryland and the District of Columbia and was slightly above the lowest ever recorded for Delaware. Cloudiness was considerably above normal and the average speed of the wind was somewhat below that usually experienced.

The monthly mean temperature for the two-state area was 45.3 degrees, 11.8 degrees above normal. For Maryland and the District of Columbia, it was 45.2 degrees, 11.7 degrees above normal; and for Delaware, it was 45.8 degrees, 11.9 degrees above normal. Monthly mean temperatures for Maryland varied from 37.6 degrees at New Germany in Garrett County up to 50.3 degrees at Salisbury, while in Delaware they varied from 42.5 degrees at Wilmington (Porter Reservoir) to 49.1 degrees at Millsboro. Extremes of precipitation totals were 2.43 inches at Millsboro and 1.76 inches at Wilmington (Porter Reservoir) in Delaware, and 7.29 inches at Friendsville and 1.23 inches at Easton Police Barracks in Maryland.

The prevalence of the warmth through the month was aptly illustrated by mean temperatures at practically all stations averaging more than 10 degrees above normal. Of the stations with reasonable length of record, only Crisfield and Pocomoke City, Maryland, and Wilmington, Delaware, were less than 10 degrees above normal, and even at those places the excess was almost as great. Temperatures were 12 or more degrees above normal in all except extreme northern Delaware, in southern and central Maryland, and in scattered areas of eastern and western Maryland. Charlotte Hall, in St. Mary's County, with temperatures averaging 15.4 degrees above normal, reported the greatest excess. The warmth prevailed through the month with but brief one to two-day interruptions of near normal temperatures. The breaks in the mildness came near the 8th, 12th, 17th, 20th, 28th and 31st. The warmest period was the 22nd-27th when mean temperatures averaged some 20 degrees above normal. On the 26th, temperatures at most stations soared into the upper-70's. At some stations near the Potomac River above the District of Columbia, the mercury reached 80 degrees or slightly higher. Westernport reported 83 degrees, surpassing by 3 degrees the previous high temperature for Maryland, Delaware, and the District of Columbia which was registered in 1932. Also on the 26th, at Lewes, Delaware, the mercury climbed to 78 degrees to erase another 1932 high temperature mark for Delaware. With daytime temperatures generally rising to 70 or more degrees on one or more days from the 4th through the 7th, another unusually warm period prevailed from the 2nd through the 7th when mean temperatures averaged over 20 degrees above normal. Other brief warm periods were centered near the 10th, 14th and 29th.

The unprecedented warmth of January can be ascribed to the perseverance of the Bermuda "High" in preventing the eastward flow of cold air from the interior of the nation. Some of the northern Plains States had average temperatures below zero for the month, more than 20 degrees below the mid-winter normal.

The coldest weather came near the 20th when temperatures dipped into the 15 to 25 degree bracket at most stations although readings from 15 to 10 were reported in northern and western Maryland. This condition came to pass as the result of an area of high barometric pressure moving down from central Canada, southeastward across the Maryland-Delaware area.

There were very infrequent surges of cold air over the area during the month. This factor also cut deeply into the amount of interaction between warm and cold masses of air, a prime element in the cause of precipitation during the colder months of the year. As a consequence, only the western part of Garrett County, lead by Friendsville with a total of 7.29 inches, reported precipitation totals more than one inch above normal. The month's precipitation was deficient by one to two inches over the greater portion of the section. Allegany, and portions of Garrett, Washington, St. Mary's, Calvert, Somerset and Worcester Counties were within one inch of normal with eastern Garrett and southern Allegany Counties being slightly above normal. Talbot and portions of Queen Annes and Baltimore Counties had a dearth of slightly more than two inches below normal.

Despite the general deficiency in precipitation amounts, the frequency was substantially greater than usual but daily amounts were small. Baltimore, for example, a more or less central location, had 17 days with .01 inch or more of precipitation, compared to the average of 11 such occurrences during January. The periods of precipitation were scattered uniformly through the month.

In western Garrett County, precipitation was more frequent and heavier. Oakland had measureable precipitation on 22 days whereas they usually expect it on 16 days. The heaviest precipitation fell on the 30th-31st when amounts varied from one to two inches.

Most of the month's snowfall occurred on the 19th. Laurel and Waterloo, Maryland, were the only stations reporting as much as one inch. Measureable snow was limited to central, northern and western Maryland and northern Delaware. However, the warmth of the ground and the weather prevented any of it from remaining on the ground for any mentionable period of time. Sleet or glaze occurred on several dates but amounts were light and did not make highway travel hazardous to any great extent.

Concomitant with the frequent periods of precipitation, cloudiness was considerably more than usual. Baltimore sunshine, for example, was only 31 per cent of the possible amount, compared to a normal 49 per cent of the possible. Wind velocities were somewhat below normal due primarily to the infrequency of the blustery northwest winds.

The record-breaking warmth of the month caused fruit buds to swell. This caused apprehension among orchardists because continued warmth in February would advance the buds to a stage where it would be unlikely that they could survive spring frosts. Grasses and winter grains were in good condition but the lack of snow cover for the latter made the growers anxious over severe weather later. Farm operations such as manuring, plowing, pruning trees and equipment repair progressed well and at the end of the month had proceeded farther than usual. The lack of soil moisture was a matter of concern to practically all portions of the two states. ---H.L.A.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

MARYLAND - DELAWARE
JANUARY 1950

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Trace	01-09	10-49	50-99	100-199	200 and over	Total			
ABERDEEN PHILLIPS FIELD AP MD	-	-	-	-	-	-	82	88	75	86	-	-	-	-	-	-	-	-	-	-
ANNAPOLIS NAVAL ACADEMY MD	SSW	18	8.5	-	-	-	75	78	65	67	-	-	-	-	-	-	-	-	-	-
BALTIMORE WB CITY MD	SW†	13†	9.0	44	W	7	72†	76†	60†	66†	5	12	3	2	0	0	22	31	7.5	562
WASHINGTON WB CITY DC	SSW†	26†	7.9	34	W	7	70†	74†	54†	62†	3	9	5	0	0	0	17	44	8.2	513
WILMINGTON WB AP DEL	SW	13	7.4	-	-	-	76	81	62	70	6	10	6	1	0	0	23	-	8.1	682
† AIRPORT DATA																				

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
MARYLAND						1895	MARYLAND						1945	MARYLAND						1950
1895	29.5	66	-17	4.35	13.4	11	1920	27.8	64	-10	2.40	2.9	10	1945	28.4	61	-16	3.24	9.8	10
1896	32.0	66	-13	1.82	1.0	4	1921	35.5	70	-5	2.27	1.5	8	1946	35.0	74	-16	1.67	4.4	9
1897	29.1	66	-12	1.94	8.1	7	1922	30.1	63	-15	3.96	23.0	9	1947	39.6	75	-3	3.82	5.5	12
1898	35.3	72	-2	3.60	5.8	11	1923	34.7	68	0	4.12	6.5	12	1948	26.6	64	-20	4.86	10.5	11
1899	31.9	70	-24	3.30	5.7	10	1924	33.4	66	-10	4.07	1.8	7	1949	41.4	74	1	5.29	4.6	12
1900	33.6	69	-8	2.34	1.8	7	1925	30.9	63	-31	4.59	19.3	12	Period	45.2	83	10	2.12	0.1	
1901	32.5	68	-4	2.68	8.5	7	1926	32.2	72	-11	3.12	4.6	10		33.4			3.35	7.3	
1902	29.8	59	-7	3.52	10.2	8	1927	32.5	78	-5	1.60	2.1	11							
1903	31.4	62	-6	4.02	6.7	9	1928	34.2	72	-11	2.48	9.4	7							
1904	25.7	64	-20	2.59	15.3	10	1929	32.6	69	-13	2.68	2.3	10							
1905	28.6	69	-14	3.66	17.0	11	1930	33.8	75	-17	2.67	11.6	11							
1906	38.7	75	-6	2.85	2.3	10	1931	34.4	66	-8	1.64	1.5	5							
1907	35.6	76	-19	3.18	6.2	12	1932	44.4	80	-13	4.98	1.1	12							
1908	32.6	63	-21	3.24	7.1	8	1933	40.8	70	-4	3.11	1.5	9							
1909	34.9	69	-23	2.74	6.1	10	1934	37.1	70	-6	2.52	0.5	9							
1910	31.9	69	-12	4.38	12.9	12	1935	31.2	71	-23	4.67	20.4	11							
1911	36.7	76	-5	3.96	4.3	12	1936	27.8	62	-20	5.87	9.7	13							
1912	23.7	60	-40	2.59	15.5	10	1937	41.6	77	11	7.43	1.1	17							
1913	41.5	74	8	3.17	1.6	13	1938	33.5	67	-2	2.26	2.3	11							
1914	35.9	76	-14	3.95	4.2	7	1939	35.0	69	-7	3.65	11.8	11							
1915	33.7	66	-10	5.90	6.7	12	1940	22.3	59	-14	2.26	15.6	7							
1916	37.9	74	-11	1.77	3.2	11	1941	32.0	62	-10	3.04	6.1	11							
1917	33.3	66	0	3.07	4.4	11	1942	32.4	66	-19	2.48	4.4	8							
1918	21.2	61	-30	4.24	24.0	10	1943	33.9	79	-5	2.95	8.9	11							
1919	36.0	66	-19	3.42	2.7	7	1944	34.7	75	-13	3.29	6.5	7							
DELAWARE						1895	DELAWARE						1945	DELAWARE						1950
1895	31.6	65	7	5.09	6.8	12	1920	28.2	64	5	2.95	2.1	11	1945	28.7	62	-1	3.82	5.7	10
1896	32.0	65	4	1.62	0.6	5	1921	37.1	66	4	2.40	0.1	7	1946	36.1	73	3	2.01	2.1	8
1897	31.7	64	3	2.00	10.3	6	1922	31.4	60	6	4.01	17.3	9	1947	41.0	74	6	4.79	5.7	13
1898	36.7	66	15	3.25	0.8	11	1923	35.9	67	13	4.64	2.2	10	1948	27.7	54	-1	6.09	9.9	14
1899	34.8	65	-1	3.65	7.8	11	1924	35.6	67	1	3.93	7	7	1949	41.9	70	18	5.36	2.5	12
1900	34.3	62	6	3.34	1.5	6	1925	33.5	62	-1	5.36	7.9	12	Period	45.8	78	15	2.05	0.1	
1901	33.5	68	6	2.94	5.5	5	1926	34.2	65	5	2.94	1.1	10		35.0			3.57	5.0	
1902	31.5	64	8	3.64	5.2	8	1927	33.7	73	2	1.57	4.6	10							
1903	33.6	60	8	3.73	4.2	8	1928	35.2	71	-11	2.87	12.6	8							
1904	28.6	63	-10	2.05	8.1	10	1929	34.7	67	6	2.68	0.9	9							
1905	29.5	63	-6	4.14	19.3	10	1930	36.4	75	4	3.46	8.2	12							
1906	40.2	76	5	3.08	2.0	11	1931	36.0	65	12	2.07	0.3	5							
1907	37.5	77	3	2.36	3.6	12	1932	46.4	77	22	5.56	1.2	11							
1908	34.3	63	5	3.37	6.1	8	1933	42.3	68	14	3.81	7	8							
1909	38.1	71	10	2.84	4.1	9	1934	38.4	66	3	2.26	7	9							
1910	33.5	65	6	4.07	3.0	10	1935	33.4	70	-7	5.49	16.8	11							
1911	38.8	68	11	4.14	2.6	11	1936	30.8	61	-5	7.23	2.3	13							
1912	26.5	59	-4	3.48	15.9	11	1937	44.3	72	-23	8.27	7	19							
1913	44.3	71	22	3.23	7.1	12	1938	35.0	62	7	2.74	0.9	13							
1914	37.6	74	0	3.20	0.1	6	1939	35.9	65	4	3.81	9.9	12							
1915	37.2	67	15	5.65	1.5	12	1940	23.6	59	0	2.20	16.1	5							
1916	35.8	73	1	1.60	3.1	9	1941	33.3	59	7	3.56	3.3	11							
1917	34.0	64	9	3.02	1.5	9	1942	35.0	66	-14	2.85	3.4	8							
1918	22.9	58	-9	4.25	24.7	10	1943	34.5	71	-11	2.92	4.1	9							
1919	37.2	65	2	3.94	1.1	8	1944	35.5	72	-5	3.66	2.8	7							

See reference notes following Station Index

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JANUARY 1950

Table 2

Station	Temperature								Precipitation									
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
MARYLAND																		
ABERDEEN PHILLIPS FIELD	42.5	10.2	75	26	18	20	0	16	1.42	- 1.73	.39	30	T	T	19+	13	2	0
ANNAPOLIS U S N ACADEMY	45.2	10.8	77	26	22	20	0	10	1.66	- 1.71	.48	30	T	T	12+	16	2	0
BALTIMORE SLEDDUS PT	46.2		79	26	19	20	0	12	2.10		.67	30	T			13	4	0
BALTIMORE WB AIRPORT	45.5	12.2	75	26	22	20	0	12	1.86	- 1.87	.52	30	T	T	19	15	3	0
BALTIMORE WB CITY	46.9	12.1	79	26	23	20	0	9	2.13	- 1.31	.59	31	T	T	19	17	3	0
BALTIMORE HAMILTON	45.1		78	26	18	20	0	13	2.32		.50	31	T	T	19+	12	4	0
BATTERY PARK	46.8		79	26	18	20	0	13	2.18		.52	30	T	T	19	13	0	0
BELTSVILLE	42.9	9.5	78	27	16	17	0	19	1.75	- 1.54	.62	31	T			14	2	0
BELTSVILLE PLT IND STA 1	43.2		79	27	17	17	0	18	1.64		.58	31	T			11	2	0
BELTSVILLE PLT IND STA 2	43.2		79	27	14	20	0	16	1.66		.63	31	T			11	2	0
BELTSVILLE PLT IND STA 3	43.9		79	27	17	20	0	17	1.70		.62	31	T			11	2	0
BELTSVILLE PLT IND STA 4	44.0		78	27	18	20	0	15	1.61		.58	31	T			11	2	0
BELTSVILLE PLT IND STA 5	43.1		79	27	13	20	0	17	1.74		.61	31	T			10	2	0
BELTSVILLE PLT IND STA 6	44.2		80	27	22	9+	0	18	1.77		.58	31	T			10	2	0
BENSON POLICE BARRACKS	43.1		77	26	17	9	0	16	1.84		.58	31	T	T	19+	15	2	0
BENTLY SPRINGS	42.6M		76	26	10	20	0	15	1.94		.62	31	T	T	31	10	1	0
BLACKWATER	49.2		74	26	23	20	0	10	2.15		.52	30	T			9	4	0
BRIGHTON DAM	45.0M		79	26	12	28	0	16	2.22		.55	30	T	T	19+	16	3	0
BROOKSIDE MANOR	47.1		80	26	20	17	0	13	1.95		.38	30	T	T	19+	12	5	0
CAMBRIDGE	47.3	11.2	78	26	21	20	0	11					T					
CHARLOTTE HALL	49.2	15.4	78	26	17	20	0	10	2.08	- 1.22	.70	30	T			10	2	0
CHELSTENHAM	45.0	10.5	79	27	17	20	0	19	1.93	- 1.79	.59	31	T			13	2	0
CHESTERTOWN	45.0	11.9	75	26	18	20	0	13	2.36	- 1.11	.50	30	T	T	19	14	3	0
CHEWSVILLE BRIDGEPORT	42.4	11.6	78	26	16	20	0	18	1.32	- 1.38	.46	31	T			14	2	0
CLEAR SPRING	43.6	12.4	81	26	19	9	0	18	2.30	- .77	.51	31	T			16	3	0
COLEMAN	45.6	11.8	78	26	20	20	0	12	1.82	- 1.71	.56	31	T			10	4	0
COLLEGE PARK U OF M	47.4M	13.5	79	26	19	20	0	16	1.83	- 1.48	.34	30	T	T	19	14	4	0
CONOWINGO DAM	41.4	11.4	74	26	19	20	0	16	2.11	- 1.32	.64	31	T	T	21	17	2	0
CONOWINGO POLICE BARRACKS	43.5		78	26	18	20	0	15	2.06		.65	31	T			15	4	0
CRISFIELD	48.2M	9.9	65	5+	24	10+	0	8	2.53	- 1.13	.48	31	T			11	4	0
CUMBERLAND	42.6	11.2	79	25	15	20	0	16	2.25	- .24	1.03	31	T			16	1	1
CUMBERLAND POLICE BARRACKS	43.1		78	25+	14	9	0	15	2.47		1.02	31	T	T	12	14	2	1
DISTRICT HEIGHTS	47.3		78	26	19	20	0	11	1.97		.47	30	T	T	18+	15	3	0
DUNDALK	46.4		77	26	22	20	0	11	1.99		.49	31	T	T	19+	14	2	0
EASTON POLICE BARRACKS	45.1	10.1	76	5+	15	20	0	18	1.23	- 2.15	.24	13+	T			9	0	0
ELKTON	44.0	11.0	75	26	17	20	0	13	1.89	- 1.50	.64	31	T	T	19	10	2	0
EMMITSBURG	43.0M	11.8	74	26	11	20	0	15	1.50	- 1.77	.58	31	T	T	19	11	1	0
FALLSTON	43.4	11.9	75	26	15	20	0	14	1.91	- 1.66	.55	31	T	T	19+	12	3	0
FORT GEORGE G MEADE	43.1		76	26	16	20	0	18	1.95		.45	31	T	T	19+	10	2	0
FREDERICK POLICE BARRACKS	45.8M	13.4					0						T					
FREDERICK WB AIRPORT	43.4		76	27	16	20	0	14	1.89		.56	31	T	T	19	14	2	0
FRIENDSVILLE	40.8M	11.1	72	25	10	20	0	16	7.29	- 3.53	1.80	31	T			17	12	1
FROSTBURG	41.9	11.9	76	25	11	20	0	19	2.74	- .60	1.03	31	T	T	7+	14	3	1
GERMANTOWN	45.7	12.6	77	26	15	20	0	11	1.77	- 1.27	.44	31	T	T	13	11	4	0
GLENN DALE BELL STATION	46.9	13.2	78	25+	12	20	0	13	1.91	- 1.68	.38	30	T	T	19	14	3	0
GRASONVILLE	45.6M	9.7	71	25+	21	17+	0		1.47	- 2.28	.45	30	T			7	2	0
GREAT FALLS	46.7	13.4	80	26	19	20+	0	13	1.79	- 1.41	.80	31	T	T	19	11	0	0
GREENBELT	43.6		78	27	16	20	0	18	1.95		.65	31	T	T	20+	16	2	0
GROSVENOR LANE	46.0		79	26	16	20	0	14	2.33		.51	30	T			16	4	0
HAGERSTOWN	42.6		78	26	15	20	0	16	1.84		.60	31	T	T	7	17	2	0
HANCOCK FRUIT LAB	38.6M	9.0	76	27	11	9+	0	20	1.79	- .88	.62	31	T			14	1	0
HUNTINGTOWN	48.3	13.2	78	26	17	20	0	10	2.25	- 1.40	.52	30	T			14	3	0
KREEDSVILLE	43.3	11.0	80	26	15	20+	0	18	1.65	- 1.15	.55	31	T			14	1	0
LA PLATA	48.9M	12.8	79	26	19	20	0		T	- 1.54			T			11		
LAUREL	47.0M	13.9	78	26	18	20	0		2.21	- 1.10	.50	30	T	T	19	11	3	0
LEONARDTOWN	49.7	13.6	78	26	20	20	0	8					T					
LISBON	43.7	12.3	77	26	15	20	0	16	2.32	- 1.23	.55	30	T			12	5	0
MILLINGTON	46.0	11.9	77	25+	18	20	0	13	1.80	- 1.89	.47	31	T	T	19	13	3	0
NEW GERMANY	37.6M		68	27	10	20	0	21	4.21		1.53	31	T			16	4	1
OAKLAND	41.8M	13.5	74	25	11	20	0	17	5.84	1.85	1.45	31	T			21	7	1
OCEAN CITY	46.4		67	14	26	20	0	7	1.53		.34	19	T			13	3	0
OWINGS FERRY LANDING	48.5	13.1	79	26	17	20	0	12	1.75	- 1.92	.38	13	T			14	2	0
OXFORD	46.9	11.8	72	25	23	20	0	11			.46	30	T					
PICARDY	43.5	10.9	80	25	14	20	0	16	2.90	.38	.79	31	T			13	4	0
PIKESVILLE POLICE BARRACKS	45.5		78	26+	17	20	0	15					T					
POCOMOKE CITY	47.7M	9.4	74	25+	18	20+	0	12	2.54	- .49	.51	27	T			9	5	0
PRESTON	48.2M		76	26	19	20	0	11	1.71				T			9		0
PRETTYBOY DAM	43.4	11.5	75	26	15	20	0	15	1.48	- 2.18			T			10		0
PRINCESS ANNE	48.5	11.6	74	25+	18	21	0	11	2.15	- 1.18	.45	31	T			10	4	0
RANDALLSTOWN POL BARRACKS	44.2M		77	26	16	20	0		2.01		.50	31	T			15	5	0
RIDGELY	47.5	12.5	76	26	20	20	0	11	1.72	- 1.65	.40	30	T			11	3	0
RIVERDALE	46.3		81	26	18	20	0	13	2.03		.49	30	T			12	3	0
ROCK HALL	45.4M	10.9	74	26	21	20	0		2.00	- 1.52	.50	30	T			11	2	0
ROCKVILLE	46.5		78	26	18	20	0	13	2.09		.53	30	T			12	3	0
ROYAL OAK	47.6		77	25	23	20+	0	10	2.00		.43	30	T	T	19+	14	3	0
SALISBURY	50.3M	12.9	74	25	20	20	0	10	1.99	- 1.76	.52	31	T			11	3	0
SALISBURY POLICE BARRACKS	47.7		75	25+	18	20	0	13			.45	13	T					

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JANUARY 1950

Table 2--Continued

Station	Temperature								Precipitation									
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
WATERLOO POLICE BARRACKS	46.4		78	26	18	9+	0	14	2.12		.62	30	1.5			15	3	0
WEST LANHAM HILLS	47.2		79	26	16	20	0	13	1.88		.42	30	T			14	2	0
WESTERN PORT	44.2	12.4	83	25	16	9	0	17	3.19	.46	1.12	31	T			14	3	1
WESTMINSTER	43.6	11.7	76	26	15	20	0	15	2.09	- 1.12	.57	31	T			17	2	0
WHALEYSVILLE	48.0		76	25	18	9	0	11	1.76		.44	13	0			12	3	0
WHITE HALL	39.6M		72	26	17	20	0	18	2.01		.60	31	T			15	2	0
WOODSTOCK COLLEGE	44.4	12.2	78	26	16	28	0	15	2.12	- 1.17	.50	30	T			10	4	0
DISTRICT OF COLUMBIA																		
BRIGHTWOOD	45.0		77	27	21	20	0	14										
DALECARLIA RESERVOIR	47.5M		79	27	20	20	0						0					
NATIONAL ARBORETUM	48.4M		80	26	20	20	0		2.08		.50	29	0			11	5	0
U S SOLDIERS HOME D C	44.2		79	27	19	20	0	18	1.30		.46	13	T			13	2	0
WASHINGTON WB CITY	48.4		80	26	22	20	0	9	1.74		.43	12	.2	T	19	14	3	0
MARYLAND & DIST OF COLUMBIA	45.2								2.12				0.1					
DELAWARE																		
BRIDGEVILLE	47.2	11.8	77	25	20	20	0	12	1.82	- 1.79	.43	30	T	T	20	11	3	0
DELAWARE CITY REEDY POINT	44.8M	11.7	73	26	17	20	0		1.91	- 1.19	.63	31	T			14	-	0
DOVER	47.5	12.3	76	26	20	20	0	12	2.07	- 1.46	.48	31	T			16	3	0
LEWES	48.3		78	25	19	9	0	10	2.34		.53	30	T			12	4	0
MILFORD	48.1M	12.2	75	25+	19	20	0	11	2.09	- 1.77	.45	30	T			14	4	0
MILLSBORO	49.1	13.2	75	25+			0		2.43	- 1.44	.46	13	T			10	4	0
NEWARK COLLEGE FARM	43.2	12.2	75	26	15	20	0	13	2.10	- 1.05	.70	31	T	T	19	16	1	0
SMYRNA	44.3M		75	26	18	20	0	14					.3	T	19	-	-	-
WILMINGTON WB NEW CASTEL	42.7		75	26	17	20	0	17	1.97		.68	31	.6	T	19+	17	1	0
WILMINGTON PORTER RESERVOIR	42.5	9.8	74	26	16	20	0	17	1.76	- 1.78	.61	31	.6	T	19+	16	1	0
DELAWARE	45.8								2.05				0.1					
SECTION	45.2								2.12				0.1					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

MARYLAND AND DELAWARE
JANUARY 1950

Station		Day of month																															Total		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MARYLAND																																			
ABERDEEN PHILLIPS FLD	Z	T	.04	.24			T				T	.03	.02	.01	.07		T		.07	.01		T													1.42
ANNAPOLIS U S F ACADEMY	Z		.07	.12						.02		.04	.26	.06	T		T	.09	T	.03	.02			T	.02			.11	.04	.01	.39	.38	1.66		
BALTIMORE SLEDS PT			.35								.02	T	.03	.25	.01		T		.02	.14								.10	.06	.04	.48	.22	1.66		
BALTIMORE WB AIRPORT		T	.11	.11								.03	.30	.05	.01		T		.03	.06								.08	.04	.02	.52	.41	1.86		
BALTIMORE WB CITY	Z	T	.12	.07		T	T				T	.05	.33	.01	.01		.01	.02	.02	.04							T	.20	.04	.01	.50	.59	2.13		
BALTIMORE HAMILTON			.28	T			.07					.03	.16	.25	.04		T		.10	T									.22	T	.05	.52	.50	2.32	
BATTERY PARK		T	.26	.01			.05					.04	.03	*					.15									.02		.52	.39	2.18			
BELTSVILLE	Z		.03	.08	.13		T				.02	.01	.40	.02			.01	T		T		.10						.21		.04	.62	1.75			
BELTSVILLE PLT IND STA 1		T	.07	.10			.08				.01		.38	T			T		T	T	.09							.20		.03	.06	.58	1.64		
BELTSVILLE PLT IND STA 2		T	.07	.08			.08				.02		.38	T			T		T	T	.09							.20		.03	.06	.63	1.66		
BELTSVILLE PLT IND STA 3		T	.08	.11			.08				.02		.38	T			T		T	T	.10							.20		.03	.05	.62	1.70		
BELTSVILLE PLT IND STA 4		T	.08	.11			.08				.01		.38	T			T		T	T	.09							.18		.03	.05	.58	1.61		
BELTSVILLE PLT IND STA 5Z		T	.10	.08			.08				T		.39	T			T		T	T	.09							.20		.03	.13	.61	1.74		
BELTSVILLE PLT IND STA 6		T	.09	.11			.09				T		.40	T			T		T	T	.10							.21		.03	.13	.58	1.77		
BENSON POLICE BRKS			.02	.16			.07	T	T		.07		.03	.25	.03		.01		.08	.03							T		.20		.05	.23	.58	1.84	
BENTLEY SPRINGS			.24				T				.14		.03	.23					.10									.24		.10	.20	.62	1.94		
BETHESDA	R		.13	.19						.04		.12	T	.37	.11			.07		.15	.26	T						.24	.04	.10	.37	.35	1.82		
BLACKWATER			.06								.12	T	.48				.26		.15	.26	T								.15	.52	.15	2.15			
BRIGHTON DAM			.03	.19	.01			.10			.02	.01	.10	.32	.03		.01		.06	.08								.24		.04	.55	.43	2.22		
BRIGHTWOOD DC																																			
BROOKDALE			.13				.05				.06		.04	.17	.02	T		.07	.12		.09	.03						.23	.04	.03	.28	.44	1.80		
BROOKSIDE MANOR		T	.23	.01	T	T	.08				T	.04	.25	.28	T		.02	T		.11								.23	T	.05	.38	.27	1.95		
BURNT HILLS RESERVOIR			.12	.15			.15					.03	.53					.01		.01		.03						.27	T	.05	.13	.49	1.99		
CAMBRIDGE			.03								.11		.17	.20	.07		.17		.07	.04								.02			.60	.10			
CHARLOTTE HALL			.09								.02	.21	.44				.10		.23									.12		.02	.70	.06	2.08		
CHELTEMHAM		T	.06	.17			.10				.05	.04	.53	.02	T	.15		.01			T							.21		.08	.01	.59	1.93		
CHESTERTOWN		T	.17				.08				.01		.36	.18			.17	T	.03	.16								.12		.04	.50	.36	2.36		
CHEWCHVILLE BRIDGEPORT			.04	.36		.01	.01	.06			.08		.08	.02			T		.05	T								.13	.05	.04	.07	.46	1.32		
CLEAR SPRING			.05	.41		.02	.14				.16		.06	.46	.05			.06									.07	.06	.06	.51	2.30				
COCKEYSVILLE	R		.13	.02		.02	.02				.04	.20	.09	.02	.06		.01	.04	.05									.05		.18	.02	.06	.30	1.90	
COLEMAN			.26				.09					.05	.31	T		.02		.05	.07									.05		.36	.56	1.82			
COLLEGE PARK U OF M			.12	.06			.06	T			.02	.02	.15	.30	T	.01	T	.05	.10									.04		.23	.04	.34	2.13		
COLLEGE PARK SCS	.01		.06				.06				.05	.43	.01	.03				.16										.25	.03	.02	.55	.39	2.28		
CONOWINGO DAM		T	.25	.02		.02	.12				.12		.18	.07	.04		.01	T	.07	T								.05		.22	.11	.05	2.11		
CONOWINGO POLICE BRKS			.03	.25	.02	.02	.12				.12		.05	.25			.01		.10			T						.01	.02	T	.09	.10	.65	2.06	
CRISFIELD			.03				.08					.20	.32				.10		.21	.44	.06							.08		.14	.42	.48	2.53		
CUMBERLAND			.17	.09	.13	.05	.02	T			.07	.08	.12	.06			.01	T										.03	T	.24	1.03	2.25			
CUMBERLAND POLICE BRKS			.33	.05	.23	.05	.07				.17		.04	.05	.08		.05												.13		.17	1.02	2.47		
DALECARLIA RESERVOIR DC			.19				.05				.04	.01	.32	.20				.01	.10									.25		.25	.05	.02	.47		
DISTRICT HEIGHTS		T	.17				.09				.04	.01	.32	.20				.01	.10									.25		.25	.05	.02	.47		
DUNDALK		T	.01	.23			.04				.04	T	.15	.19	.01		T		.04	.06								.05		.15	.06	.47	.49		
EASTON POLICE BRKS			.14				.04				.04	T	.06	.24	T		T		.04	.04								.05		.06	.47	.49	1.99		
EDGEMONT			.04	.28	.06		.20	.07			.03	.09	.14	.03				.08	.04									.04		.15	.07	.12	.36		
ELKTON			.18								.10	.04	.21					.08	.04									.04		.15	.08	.64	1.89		
EMMITSBURG	T	.04	.22	.02	T	T	T	.09			.11	T	.17				T	.08	T									T	T	T	.08	.58	1.50		
FALLSTON		T	.26				.06				.06		.05	.20	.01		T	.08	.02									.03		.19		.40	.55	1.91	
FORT GEO G WRADE			.19				.10				T	.12	.24	T			T	.08	.15									.03		.20		.05	.42	.45	
FREDERICK POLICE BRKS		T	.31	.02		T	.13				.07	.02	.10	.12			T	.08										.07	T	.01		.15	.56	1.89	
FREDERICK WB AIRPORT	T	.04	.18	.06	T	T	.15				.07	.02	T	.25	T		T	.08	T	T		.01						.03		.17	.12	.15	.60		
FREDERICK 3 E		T	.18	.08				.08			T	.08	T	.30	T		T		.08	T								T	T	T	.15	.60	1.80		
FRIENDSVILLE		T	.32	.51		.35	.30	.75			.57	.30	.09					.12				.01	.09	.16				.45	.42	.30	.75	1.80	7.29		
FROSTBURG		T	.02	.36		.25	.02	.21			.18		.11		.09		.02		.07									.08		.14	.19	1.03	2.74		
GERMANTOWN		T	.27				.02	.10			.08	T	.35	.07				.07											.35	T	.02	.44	.77		
GLEN ECHO	R		.03	.15						.05		.01	.02	.12	.27		.19		.01	.13	T							.23		.05	.45	.38	1.93		
GLENN DALE BELL STA		T	.12																																

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JANUARY 1950

Table 3-Continued

Station	Day of month																															Total		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
DELAWARE																																		
BRIDGEVILLE			.08							.04		.03	.35			.24			.05	.03								.12	T	.16	.43	.29	1.82	
DELAWARE CITY REEDY POINT			.11	T	T		.08			.05	T	*	.25	.05		.07		.14	T		T	.05	T	.05				.13		.10	.20	.63	1.91	
DOVER			.13	.01	T		.08			.06	.01	.05	.43	.04		.12	T		.07	.08	.01			T				.08	T	.07	.35	.48	2.07	
GEORGETOWN	-	-		-	-	-	-	-	-																						.28	.38	.33	-
LEWES			.05							.14		.21	.41			.28		.08	.08	T						-	-	.10	.01	.20	.53	.25	2.34	
MILFORD			.09				.07			.06	T	.16	.41	.01		.25		.07	.02	.01								.10		.07	.45	.32	2.09	
MILLSBORO			.07							.17		.12	.46			.21			.32									.18		.15	.44	.31	2.43	
NEWARK COLLEGE FARM			.24				.05			.15	.05	.04	.23	.06		.01		.17	.06		.02			.06				.11		.05	.10	.70	2.10	
SMYRNA			-							-		T	.37			.06	.02		.15									.02			.35	.40	-	
WILMINGTON WB N CASTLE	T	T	.14			T	.06		T	.07		.16	.05	.06	T	.01	.02	.19	.04		.02			.10		T	.13	.05	.01	.18	.68	1.97		
WILMINGTON CITY HALL			.14	.03						.18		.28				.05		.22	.01		T			.08				.12			.04	.67	1.81	
WILMINGTON PORTER RES			.17						T	.19		.11	.05	.02		T	.01	.16	.04		.01			.06				.15	.03	.01	.09	.61	1.76	

MARYLAND AND DELAWARE
JANUARY 1950

Table 4

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-1st-																									
MARYLAND																									
ABERDEEN PHILLIPS FLD																					.01		.01	.02	.04
COLLEGE PARK SCS																						.01		.01	.01
KEEDYSVILLE																					.01				.01
LEONARDTOWN																									
LUKE																									.02
NEW GERMANY																									
SINES DEEP CREEK																					.01	.02	.01	.01	.05
-2d-																									
MARYLAND																									
ABERDEEN PHILLIPS FLD																									
ANNAPOLIS U S N ACADEMY																					*	*	*	*	-
BALTIMORE WB AIRPORT 6																					*	*	*	*	-
BALTIMORE WB CITY																							.07	.05	.12
BELTSVILLE																							.03	.01	.04
BELTSVILLE PLT IND STA NO 5																						.02	.01	.03	.03
BETHESDA																				.02	.01				.03
COCKEYSVILLE																						.01	.03	.09	.13
COLLEGE PARK SCS																						.05	.01		.06
GLEN ECHO																					.03				.03
GRANTSVILLE																				.04	.04	.02			.10
KEEDYSVILLE																					.03	.07	.04		.16
LUKE	.01					.01		.01															.02		.12
SHARPTOWN																				.04	.04				.06
SINES DEEP CREEK	.01	.01	.03	.01	.02	.02	.02													.04	.07	.01	.02		.24
UNIONVILLE		.03	.01	.01																		.01	.06	.04	.16
WASHINGTON DC WB CITY																						.01			.01
-3d-																									
MARYLAND																									
ANNAPOLIS U S N ACADEMY	*	.09							*		*	*	*	.04	*	*	*	*	*	.02					
BALTIMORE WB AIRPORT 6		.11	*	*	*	*		.02	*	*	*	*	*	.07	*	*	*	*	*	*	.02				
BALTIMORE WB CITY								.01	.04		.01						.01	.02	.01						.07
BELTSVILLE	.03	.01		.01	.01			.01	.01	.01	.02	.01			.01	.02	.01	.01	.01	.02	.03	.02			.16
BELTSVILLE PLT IND STA NO 5	.01										.02	.03	.02	.01	.01	.01	.04	.01	.02		.03	.02			.09
BETHESDA			.03		.01																				.17
COCKEYSVILLE	.01	.01				.01		.02	.03	.01			.01	.01	.05	.02	.01								.02
COLLEGE PARK SCS	.02							.01	.02	.02	.01		.01	.01	.02	.03									.17
GLEN ECHO	.02	.01						.01	.02	.02			.01	.01	.07	.07	.05	.01							.15
GRANTSVILLE													.01	.02	.01	.01	.01	.01							.31
KEEDYSVILLE	.02		.02	.04	.04	.02		.01	.02	.01		.01	.01	.02	.03	.02									.12
LUKE								.03	.04	*	*	*	*	.01	.01	.02	.03	.02							.12
SALISBURY MUNICIPAL AP 6			*	*	*	*	*		*	*	*	*	*	.01	.01	.02	.01								.13
SAVAGE RIVER DAM													.01	.02	.01	.07	.01	.01							.46
SINES DEEP CREEK			.01	.01	.02	.01	.01	.01	.01	.02	.03	.03	.05	.05	.15	.03	.01	.01	.01						.14
UNIONVILLE	.04							.01	.01	.02						.03	.01	.01		.01					.12
WASHINGTON DC WB CITY	.01							.02	.03	.01	.01					.01	.03								
-4th-																									
MARYLAND																									
GRANTSVILLE																					.01	.02	.04	.01	.08
LUKE																							.01	.01	.01
SAVAGE RIVER DAM																							.02	.02	.02
SINES DEEP CREEK																					.01	.02	.03	.03	.09
-5th-																									
MARYLAND																									
COCKEYSVILLE	.01	.01		.02	.17	.02	.02	.03	.01		.01												.02		.02
GRANTSVILLE																								.30	
KEEDYSVILLE												.01	.01											.01	.01
LUKE	.01	.01		.02	.05	.04	.01	.04	.01															.19	.19
SINES DEEP CREEK	.03	.02	.02	.01	.19	.10	.03	.01	.01	.01	.01													.44	
-6th-																									
MARYLAND																									
ANNAPOLIS U S N ACADEMY																					*	*	*	*	
BALTIMORE WB AIRPORT 6																					*	*	*	*	
COCKEYSVILLE	.01			.01	.01					.01	.01	.05	.01				.02	.01	.05	.07	.03	.03			.02
GRANTSVILLE		.01	.01																			.10		.11	
KEEDYSVILLE																.01								.13	
SAVAGE RIVER DAM														*		*	*	*			*			.08	.04
SINES DEEP CREEK		.01	.01	.01	.02	.01	.01				.01	.04	.02			.01	*		.10	.09	.12	.08	.01	.06	.07
UNIONVILLE																									
-7th-																									
MARYLAND																									
ANNAPOLIS U S N ACADEMY	*	.02																							.08
BALTIMORE WB AIRPORT 6	*	.03																							.06
BALTIMORE WB CITY	.08																								.10
BELTSVILLE	.05			.01	.01																				.10
BELTSVILLE PLT IND STA NO 5	.08	.01	.01																						.10
COLLEGE PARK SCS	.07	.02	.01																						
SALISBURY MUNICIPAL AP 6		*	*	*	*	*	.07																		
SHARPTOWN																						.05			.05
SINES DEEP CREEK	.02	.01	.01		.02	.01	.01																		.08
WASHINGTON DC WB CITY	.02		.02																						.04
-8th-																									
MARYLAND																									
WILMINGTON WB N CASTLE 6			*	*	*	*	*	.06																	
-9th-																									
MARYLAND																									
SHARPTOWN	.02	.02																				.06	.01		.11
-10th-																									
MARYLAND																									
ABERDEEN PHILLIPS FLD																									
ANNAPOLIS U S N ACADEMY																					*	*	*	*	.04
BETHESDA	.03	.01																							.05
GLEN ECHO	.05																.02			.01					.03
GRANTSVILLE																									.03
SINES DEEP CREEK							.01																		.03

See reference notes following Station Index.

MARYLAND AND DELAWARE
JANUARY 1950

Table 4-Continued

See reference notes following Station Index.

MARYLAND AND DELAWARE
JANUARY 1950

[illegible]

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

MARYLAND AND DELAWARE
JANUARY 1950

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
BELTSVILLE PLT IND STA NO 5					.05	.02	.09	.03	.01																.20	
BETHESDA					.03	.04	.07	.06	.04									.05	.05	.05	.03				.24	
COCKEYSVILLE																									.18	
COLLEGE PARK SCS					.05	.03	.09	.03	.02	.01															.23	
GLEN ECHO					.05	.05	.10	.03	.02																.25	
KEEDYSVILLE					.04	.02	.03																		.09	
SALISBURY MUNICIPAL AP 6																										
SHARPTOWN							.07	.03	.04	*	*	*	*	.07											.19	
SINES DEEP CREEK		.01	.01		.01	.01					.01	.01	.03												.04	
UNIONVILLE		.01	.03		.05	.08	.02	.01	.01																.21	
WASHINGTON DC WB CITY				.02	.04	.05	.10	.02	.02	.01															.26	
WILMINGTON WB N CASTLE 6 DELAWARE			*	*	*	*	*	.10	*	*	*	*	.03													
-28th-																										
MARYLAND																										
ANNAPOLIS U S N ACADEMY																			.03	*	*	*	*	*		
BALTIMORE WB AIRPORT 6																				*	*	*	*	*		
BALTIMORE WB CITY																										
BELTSVILLE																	.01	.01	.02	.01	.01		.01		.04	
BELTSVILLE PLT IND STA NO 5																			.02	.01	.02	.01			.07	
BETHESDA																			.01	.02	.02	.01			.03	
COCKEYSVILLE																									.04	
COLLEGE PARK SCS																				.02	.01	.01	.01		.02	
GLEN ECHO																			.01	.01	.01	.01			.03	
GRANTSVILLE																									.05	
SALISBURY MUNICIPAL AP 6																				*	*	*	*	*	.01	
SHARPTOWN																					.04				.02	
UNIONVILLE																		.03		.01	.01	.01	.02	.01	.06	
WASHINGTON DC WB CITY																			.01	.01	.01	.01			.08	
DELAWARE																									.02	
WILMINGTON WB N CASTLE 6																*	*	*	*	*	.01	*	*	*	*	
-29th-																										
MARYLAND																										
ANNAPOLIS U S N ACADEMY	*	.03	*	*	*	*	*	.01	*	*	*	*	*	.01						*	*	*	*	*		
BALTIMORE WB AIRPORT 6	*	.05							*	*	*	*	*													
BALTIMORE WB CITY																							.01			
BETHESDA	.01																									
COCKEYSVILLE			.01			.01		.01	.01											.01	.03				.06	
COLLEGE PARK SCS							.01	.02	.01	.01	.01	.01				.02	.05	.13		.20	.07	.02	.01		.02	
GRANTSVILLE																		.01							.57	
KEEDYSVILLE																		.01				.03	.05	.02	.11	
LUKE																						.13	.01	.01	.50	
SALISBURY MUNICIPAL AP 6	*	.04	*	*	*	*	*	.08								.03	.07	.02		.13	.10	.13	.01	.01		
SAVAGE RIVER DAM																										
SHARPTOWN	.01	.03	.02									.02	.01	.01	.06	.08	.06	.02	.01	.17	.13	.07	.01	.02	.67	
SINES DEEP CREEK						.02			.02																.06	
UNIONVILLE	.01							.01	.01				.03	.03	.02	.04	.05		.04	.20	.11	.11	.06	.05	.19	
WASHINGTON DC WB CITY																									.01	
DELAWARE																										
WILMINGTON WB N CASTLE 6	*	.04	*	*	*	*	*	.01									*	*	*	*	.01	*	*	*	*	
-30th-																										
MARYLAND																		.02		.01	.01	.01			.05	
ABERDEEN PHILLIPS FLD								.01	*	*	*	*	*	.20	*	*	*	*	.20	*	*	*	*	*	*	
ANNAPOLIS U S N ACADEMY			*	*	*	*	*		*	*	*	*	*	.31	*	*	*	*	.15	*	*	*	*	*	*	
BALTIMORE WB AIRPORT 6									.05	.08	.06	.02	.07	.03	.03	.02	.05	.01	.01	.01	.01	.01	.02	.02	.50	
BALTIMORE WB CITY									.03	.07	.02	.12	.04	.02	.02	.04	.02	.01	.01	.01	.01	.02	.02		.49	
BELTSVILLE		.01	.01	.01	.01			.01	.07	.02	.01	.01	.11	.01	.04	.04	.01	.01	.02	.01	.01	.01	.02		.42	
BELTSVILLE PLT IND STA NO 5	.01	.01									.05		.01	.04	.06	.04	.01	.01	.04	.02	.02	.02	.01	.02	.37	
BETHESDA			.02							.06	.04	.01	.04	.03	.04	.02	.05	.01							.20	
COCKEYSVILLE					.03				.04	.04	.03	.23	.01	.03	.01	.01	.03	.03	.02	.01	.02	.01	.01		.55	
COLLEGE PARK SCS			.04					.02	.04																.45	
GLEN ECHO																										
GRANTSVILLE	.01	.01										.04	.02	.09	.03	.02	.05	.02	.03	.01	.01	.03			.02	
KEEDYSVILLE			.01																						.14	
LUKE	.03													.01	.04	.02	.03						.05	.11	.19	
SALISBURY MUNICIPAL AP 6			*	*	*	*	*	.03	*	*	*	*	*	.12	*	*	*	*	.25	*	*	*	*	*	*	
SAVAGE RIVER DAM	.05																							*		
SHARPTOWN										.05	.04	.01			.03	.07	.05	*	*	*	.24	.01			.51	
SINES DEEP CREEK	.02	.06																					.01	.07	.16	
UNIONVILLE																									.03	
WASHINGTON DC WB CITY	.01	.01	.01					.08	.02	.02			.07	.03	.02		.04	.01	.02	.01	.01	.02	.01	.01	.40	
DELAWARE																										
WILMINGTON WB N CASTLE 6										*	*	*	*	.05	*	*	*	*	.06	*	*	*	*	*	*	
-31st-																										
MARYLAND																										
ABERDEEN PHILLIPS FLD	.01	.01	.03	.02	.03	.09	.02	.19	.02	.03													.01	.04	.50	
ANNAPOLIS U S N ACADEMY	*	.09	*	*	*	*	*	.06	*	*	*	*	*	.05	*	*	*	*	.02							
BALTIMORE WB AIRPORT 6	*	.06	*	*	*	*	*	.22	*	*	*	*	*	.14	*	*	*	*								
BALTIMORE WB CITY	.02	.04	.06	.04	.02	.02	.01	.27	.02	.02	.01													.06		
BELTSVILLE		.02	.03	.01	.01	.08	.10	.01	.04																.59	
BELTSVILLE PLT IND STA NO 5		.02	.02	.01	.02		.07	.06	.04																.42	
BETHESDA		.01	.03				.04	.10	.04	.03												.01	.01	.05	.31	
COCKEYSVILLE			.03	.02	.01	.07	.02	.10	.05	.04	.05	.06	.05	.02			.01					.01	.01	.07	.35	
COLLEGE PARK SCS		.01	.05	.01	.01	.03	.07	.06	.04	.03	.02												.02	.05	.59	
GLEN ECHO	.01	.02	.04	.01	.02	.05	.12	.03															.01	.05	.39	
GRANTSVILLE	.11	.14	.07	.06	.05	.07	.45	.05	.06	.06	.03	.02										.01	.01	.02	1.21	
KEEDYSVILLE	.06	.09	.11	.06	.02		.03	.06	.02	.07	.02												.04	.06	.64	

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JANUARY 1950

Table 5.

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																	
ABERDEEN PHILLIPS FLD	MAX	41	58	57	65	66	69	65	35	45	63	63	37	47	61	48	45	40	54	52	34	39	50	52	68	62	75	67	42	55	55	40	53.2
	MIN	28	37	42	54	50	48	29	23	24	39	30	30	37	39	28	32	24	33	26	18	24	32	33	41	43	44	25	20	36	33	31	33.3
ANNAPOLIS U S N ACADEMY	MAX	43	50	60	70	66	71	66	36	55	69	60	38	55	63	45	52	40	59	42	32	40	45	51	54	62	77	70	43	59	55	41	53.8
	MIN	34	39	43	46	46	49	35	30	30	48	35	30	34	45	36	36	30	34	26	22	29	38	42	43	46	49	32	26	37	34	31	36.6
BALTIMORE SLEDDS PT	MAX	41	51	60	72	68	70	68	37	51	70	67	45	47	62	54	51	42	59	55	34	42	53	60	74	68	79	76	41	60	59	40	56.6
	MIN	29	37	40	56	48	46	36	27	25	47	43	28	32	42	34	41	23	33	26	19	26	35	40	42	42	57	37	23	30	35	31	35.8
BALTIMORE WB AIRPORT	MAX	43	52	61	68	66	70	66	38	52	68	60	37	53	62	46	52	41	58	40	34	42	51	57	68	63	75	63	42	56	55	41	54.2
	MIN	34	38	43	55	50	50	35	28	30	49	32	28	37	44	33	38	29	34	26	22	30	34	40	44	44	56	31	24	38	32	30	36.7
BALTIMORE WB CITY	MAX	43	52	62	70	68	72	67	37	53	70	59	37	53	63	47	53	41	59	39	35	43	54	58	73	65	79	63	42	59	55	42	55.3
	MIN	35	40	46	61	54	54	34	28	30	52	35	30	37	45	36	38	29	35	27	23	30	36	44	47	47	60	33	25	39	33	31	38.5
BALTIMORE HAMILTON	MAX	43	52	59	70	68	71	67	36	49	67	65	41	46	60	49	51	40	59	52	34	42	54	54	67	65	78	72	43	56	56	38	55.0
	MIN	29	36	42	56	49	51	34	25	27	43	40	25	31	42	30	38	25	33	26	18	26	31	38	45	44	52	35	21	34	33	30	35.1
BATTERY PARK	MAX	50	55	58	70	68	75	68	37	51	70	66	42	45	62	50	51	43	63	58	35	42	52	61	74	76	79	71	45	58	54	40	57.1
	MIN	30	39	44	52	56	54	35	26	28	44	42	32	32	45	28	39	28	33	26	18	25	31	39	43	53	56	33	22	34	35	30	36.5
BELTSVILLE	MAX	43	50	57	62	70	68	72	45	38	54	69	51	38	60	63	51	51	41	60	31	34	42	52	60	72	75	78	43	44	58	52	54.3
	MIN	27	29	39	52	51	45	40	23	22	32	40	23	28	36	25	28	16	19	19	17	20	27	30	38	43	51	38	24	24	39	31	31.5
BELTSVILLE PLT IND STA 1	MAX	45	49	56	61	70	67	72	44	37	55	70	51	37	61	63	51	51	42	61	29	34	42	53	60	73	75	79	43	44	59	49	54.3
	MIN	26	31	39	53	50	46	39	26	19	32	41	24	28	35	24	28	17	23	28	16	21	28	35	38	45	55	36	20	24	39	30	32.1
BELTSVILLE PLT IND STA 2	MAX	45	50	57	61	70	67	72	45	37	54	70	51	37	62	63	51	51	42	61	29	34	41	53	60	72	75	79	43	44	59	49	54.3
	MIN	27	33	41	54	46	39	40	27	16	34	43	22	29	36	22	30	15	25	29	14	21	28	35	36	42	55	38	18	26	40	31	32.0
BELTSVILLE PLT IND STA 3	MAX	44	58	55	61	71	68	72	45	37	53	70	51	37	61	62	50	51	42	61	29	34	42	52	60	73	75	79	43	44	58	49	54.1
	MIN	28	32	40	53	55	48	40	26	22	35	42	24	29	36	27	32	19	27	28	17	21	29	37	39	46	57	37	22	25	40	31	33.7
BELTSVILLE PLT IND STA 4	MAX	45	48	56	61	70	67	72	43	37	53	69	50	36	61	62	50	50	42	60	28	33	40	51	59	72	74	78	43	44	57	50	53.6
	MIN	29	33	40	53	56	52	40	26	24	34	42	26	28	35	29	33	22	29	28	18	21	29	39	40	46	58	37	21	25	39	31	34.3
BELTSVILLE PLT IND STA 5	MAX	44	49	56	62	71	71	73	45	37	57	70	52	37	61	62	51	51	43	61	29	34	41	54	60	73	75	79	43	44	59	48	54.6
	MIN	25	30	39	54	44	44	40	26	16	35	43	21	29	36	22	28	16	27	28	13	20	28	34	36	41	49	38	18	25	39	31	31.5
BELTSVILLE PLT IND STA 6	MAX	43	47	56	62	71	71	72	44	36	57	70	51	37	60	62	51	51	44	61	29	34	42	53	60	73	75	80	43	44	58	47	54.3
	MIN	27	31	40	54	55	48	39	26	22	32	41	26	29	36	28	31	21	29	27	24	22	29	37	41	47	57	37	22	25	39	31	34.0
BENSON POLICE BRKS	MAX	42	52	54	68	67	71	69	38	47	63	64	43	45	60	55	50	39	59	54	39	40	53	52	65	63	77	74	47	55	64	44	55.3
	MIN	23	29	35	49	44	46	34	21	17	37	38	19	29	38	22	30	19	26	26	18	22	29	34	36	39	44	36	18	35	34	29	30.8
BENTLEY SPRINGS	MAX	43	52	58	68	65	67	66	37	45	57	61	35	44	59	50	49	40	55	49	34	40	47	54	61	68	76	72	41	54	39	53.2	
	MIN	27	35	36	53	50	50	34	21	17	40	35	28	30	41	24	37	20	29	23	10	22	30	31	37	37	51	34	12	34	34	29	32.0
BLACKWATER	MAX	50	58	60	70	71	70	70	47	55	68	68	48	48	70	64	54	45	59	59	34	44	52	64	67	73	74	70	52	60	58	44	58.8
	MIN	30	38	47	54	54	56	43	32	26	52	46	27	39	46	29	45	26	36	32	23	24	37	42	47	51	56	42	28	42	38	36	39.5
BRIGHTON DAM	MAX	45	58	60	71	70	72	69	42	50	70	69	45	61	53	52	44	59	52	35	42	52	61	73	75	79	74	42	58	56	43	57.7	
	MIN	27	32	39	55	44	45	37	24	18	37	41	21	31	42	23	40	15	30	25	14	20	28	32	35	40	53	36	12	35	36	30	32.2
BRIGHTWOOD DC	MAX	42	48	55	61	70	67	71	45	36	54	69	52	37	60	62	52	51	41	61	30	34	42	52	60	72	73	77	43	44	58	53	53.9
	MIN	25	34	40	55	58	53	42	29	31	33	44	29	30	36	32	36	30	34	30	21	23	30	35	43	48	57	39	25	25	41	32	36.1
BROOKSIDE MANOR	MAX	49	57	59	71	68	73	68	38	52	71	68	44	47	63	53	52	42	62	55	34	43	54	62	75	77	80	71	45	59	56	41	57.7
	MIN	29	39	42	57	51	47	36	29	24	50	44	25	32	46	26	40	20	35	28	21	24	30	44	44	50	56	37	21	36	36	32	36.5
CAMBRIDGE	MAX	49	62	60	73	71	72	66	45	56	69	66	42	52	68	54	54	41	61	54	32	49	59	62	69	75	78	67	45	60	56	42	58.4
	MIN	27	35	46	52	53	54	37	28	22	49	34	25	38	39	28	38	25	33	29	21	24	35	39	45	50	51	34	24	37	34	32	36.1
CHARLOTTE HALL	MAX	50	61	60	71	72	72	68	41	58	71	67																					

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JANUARY 1950

Table S-Continued

Station		Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
EMMITSBURG	MAX	43	49	56	66	65	65	64		42	55	60	43	39	58	48	50	42	52	52	31	40	41	52	64	67	74	72	40	50	53	41	52.5	
	MIN	30	32	39	54	55	52	35	23	24	41	40	25	29	33	28	35	23	31	23	11	25	31	38	45	40	44	36	20	34	34	28	33.5	
FALLSTON	MAX	42	52	55	67	66	70	67	35	22	46	64	63	43	45	59	48	49	41	58	52	32	40	53	62	64	63	75	72	41	52	53	38	53.5
	MIN	28	34	41	47	49	50	33	22	22	42	42	38	22	31	40	27	38	24	28	25	15	23	31	39	43	42	48	34	18	34	33	29	33.2
PORT GEO G MEADE	MAX	48	53	57	67	64	72	64	35	50	67	57	32	51	60	44	48	40	57	41	32	40	50	57	71	74	76	75	41	57	51	37	53.8	
	MIN	26	35	40	57	57	45	29	22	20	47	26	22	32	40	24	28	18	30	19	16	22	28	34	37	42	58	35	18	34	30	29	32.3	
FREDERICK POLICE BRKS	MAX	48	51	58	69	72	69	67	37	47	68	63	46	43	64									64	70	73	74	44	56	56	40	58.1		
	MIN	27	33	37	48	47	48	32	22	15	37	35	22	26	38	25								41	38	44	38	21	34	34	29	33.5		
FREDERICK WB AIRPORT	MAX	42	49	58	68	68	68	68	40	52	62	49	40	61	61	50	43	49	53	32	41	42	49	60	69	75	76	41	47	57	39	53.2		
	MIN	29	37	41	50	48	48	37	26	18	40	41	25	30	40	25	40	26	33	25	16	24	29	32	35	39	44	38	20	34	38	30	33.5	
FRIENDSVILLE	MAX	55	52	58	67	63	60	56	33	50	67	55	52	38										64	70	73	74	51	37	60	56	40	51.9	
	MIN	36	45	44		52	50	21	11	23	41	35	25	20		29	22	12	24	11	10	19	33	41	45		49	23	18	35	25	30	29.6	
FROSTBURG	MAX	52	58	55	69	68	65	62	35	52	62	57	30	40	60	45	52	38	53	37	30	48	47	55	69	76	71	55	33	62	58	44	52.8	
	MIN	30	41	42	44	50	48	25	18	19	46	29	22	26	34	22	28	18	33	19	11	18	31	42	43	43	50	26	17	29	30	25	30.9	
GERMANTOWN	MAX	50	55	58	69	69	71	67	37	50	67	65	43	45	61	52	49	42	56	53	38	47	58	71	74	77	72	40	59	53	38	55.5		
	MIN	30	38	42	55	52	52	34	25	23	44	40	25	34	43	29	39	21	37	25	15	24	35	38	46	51	57	36	21	34	34	30	35.8	
GLENN DALE BELL STA	MAX	49	57	60	70	69	73	70	39	52	70	69	48	46	63	56	51	44	63	57	35	43	54	64	74	78	78	77	44	60	58	39	58.4	
	MIN	29	39	45	57	52	45	39	26	22	50	43	20	31	44	22	41	19	33	28	12	20	29	37	39	56	59	37	17	35	38	30	35.3	
GRASONVILLE	MAX	47	59	57	65	66	67	59			63	62	45	45	63	49	50	42	57	53	34	43	51	60	65	71	71	62	47	56	55	41	55.3	
	MIN	26	36	37	52	53	48	35			45	42	22	33	42	30	40	21	32	26	21	22	32	38	41	50	52	37	23	37	35	31	35.8	
GREAT FALLS	MAX	59	59	69	71	69	73	69	42	54	71	62	48	47	63	55	55	45	55	55	35	44	51	62	75	77	80	77	43	63	60	40	59.0	
	MIN	27	28	40	42	46	47	36	22	26	42	41	32	32	45	33	36	20	26	28	19	23	29	35	39	48	59	37	19	35	38	33	34.3	
GREENBELT	MAX	44	49	56	62	70	69	71	46	39	54	68	53	37	60	62	51	51	43	61	29	36	44	52	60	73	76	78	45	58	50	54.6		
	MIN	20	35	39	56	56	48	39	26	25	31	43	23	25	37	26	26	21	23	28	16	20	26	31	38	45	57	39	18	21	37	31	32.5	
GROSVENOR LANE	MAX	49	56	58	70	70	73	69	37	50	69	70	48	48	62	56	50	43	64	57	34	40	52	61	74	76	79	57	49	57	57	37	57.2	
	MIN	28	38	43	56	48	48	35	26	22	32	42	41	32	43	26	41	19	33	26	16	22	29	27	39	50	57	37	19	34	37	30	34.7	
HAGERSTOWN	MAX	46	49	56	68	64	65	64	46	45	62	63	35	43	58	45	46	40	51	46	32	43	38	57	59	71	78	64	36	54	42	52.3		
	MIN	31	36	38	51	55	48	32	23	24	39	34	25	29	37	26	35	24	32	25	15	25	30	37	40	41	42	33	20	32	33	29	32.9	
HANCOCK FRUIT LAB	MAX	39	48	54	60	70	58	58			38	44	65	47	33	58	58	49	45	56	45	31	34	45	47	57	64	71	76	41	37	50	40	50.6
	MIN	16	29	36	38	38	47	35	23	11	12	39	19	24	31	18	26	15	27	24	12	13	25	28	36	39	31	36	11	14	34	29	26.5	
HUNTINGTOWN	MAX	50	59	60	71	70	70	68	38	56	70	67	43	49	67	54	51	41	63	55	34	43	54	65	72	75	78	70	44	61	57	40	57.9	
	MIN	31	40	44	59	58	57	36	28	28	51	42	26	35	48	33	39	25	34	28	17	25	37	43	52	58	60	36	26	36	32	38.7		
KEEDYSVILLE	MAX	50	55	57	71	67	69	64	40	48	63	62	36	44	60	48	49	42	53	47	37	45	40	58	68	73	80	62	36	55	52	44	54.0	
	MIN	31	38	40	53	54	53	31	22	23	44	35	21	30	42	23	34	16	32	26	15	23	31	30	43	33	44	31	15	32	33	29	32.5	
LA PLATA	MAX	54	55	60	68	69	72	68	41	52	70	68	48	58	68	58	50	43	65	55	34	55	50	62	74	77	79	76	44	60	50		59.4	
	MIN	28	42	49	58	55	44	40	26	25	49	46	24	34	48	28	42	24	33	30	19	21	36	44	48	56	58	39	21	36	40		38.4	
LAUREL	MAX	49	59	57	69	68	71	69	38	48	70	67	55	44	60	55	50	49	60	24	25	18	41	53	59	72	74	78	76	34	22	57	58	58.7
	MIN	31	40	47	54	55	52	40	26	25	41	26	30	42	31	33	23	24	25			18	25	36	42	45	55	54	34	22	35	35	30	35.2
LEONARDTOWN	MAX	51	62	60	71	75	71	68	40	58	69	67	48	50	70	60	52	42	68	59	35	45	54	64	72	71	78	73	52	61	57	44	59.6	
	MIN	36	42	52	58	57	58	40	26	29	51	47	29	35	47	33	42	26	35	30	20	22	36	42	51	55	58	40	25	37	38	34	39.7	
LISBON	MAX	48	53	57	68	65	69	66	44	46	64	62	40	43	58	46	48	40	58	49	41	41	48	56	71	75	77	70	41	57	51	38	54.5	
	MIN	27	35	39	55	48	47	31	24	19	40	35	22	31	41	26	33	21	31	25	15	22												

DAILY TEMPERATURES

Table S-Continued

MARYLAND AND DELAWARE
JANUARY 1950

Station		Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ROYAL OAK	MAX	50	60	59	70	67	70	66	39	54	67	65	45	47	65	54	52	42	60	56	34	44	51	63	69	77	75	71	50	59	57	41	57.4	
	MIN	29	40	46	53	54	55	39	30	25	49	45	25	35	45	28	42	28	35	29	23	23	35	40	44	51	50	39	25	39	37	33	37.8	
SALISBURY	MAX	50	63	62	70	72	71	70	42	55	68	66	53	54	70	67	60	48	58	59		47	53	66	70	74	71	65	40	25	42	60	43	61.0
	MIN	29	37	49	59	59	54	42	29	24	50	47	26	42	45	30	43	30	35	35	20	23	32	42	44	56	60	40	25	42	40	34	39.5	
SALISBURY POL BRKS	MAX	49	65	63	71	70	71	69	42	50	67	66	50	53	72	63	60	43	54	55	33	42	54	67	69	75	75	71	45	60	55	42	58.7	
	MIN	25	35	41	52	50	54	38	27	20	47	45	26	40	42	27	40	23	32	29	18	20	31	45	48	54	55	38	24	40	38	32	36.6	
SALISBURY MUNICIPAL CAA AP	MAX	50	64	63	69	71	71	65	36	56	68	62	52	54	69	55	62	42	57	49	33	46	52	66	70	75	73	60	50	58	55	43	57.9	
	MIN	28	39	54	60	58	59	34	21	25	50	34	26	42	43	28	35	27	36	27	20	21	32	43	48	59	60	30	25	42	37	34	38.0	
SINES DEEP CREEK	MAX	54	53	62	70	64	64	59	33	51	60	39	38		59	58	55	40	50	25	27	45	46	53	67	73	67		38	63	52	44	52.0	
	MIN	32	38	43	49	45	39	21	13	15	38	21	23	34	25	22	19	14	21	12	10	16	19	38	37	35	37	20	19	32	28	31	27.3	
SNOW HILL	MAX	51	66	64	72	72	73	68	40	55	70	67	47	53	70	64	55	48	54	55	33	42	54	66	72	76						45	59.3	
	MIN	25	33	46	54	51	53	38	27	18	49	44	26	44	43		40	26	35	30													37	
SOLOMONS	MAX	48	50	61	70	73	70	65	40	58	69	66	44	50	68	55	55	44	62	59	35	46	53	55	70	74					56	45	57.8	
	MIN	33	42	44	57	55	50	40	31	32	52	44	32	38	49	39	43	29	36	31	23	29	39	43	48	49	58	40	29	38	39	35	40.2	
TAKOMA PARK MISS AVE	MAX	48	56	59	71	68	74	68	37	52	70	66	43	46	62	51	51	42	63	54	34	43	54	61	75	77	81	69	45	59	55	41	57.3	
	MIN	30	39	44	56	52	50	35	27	25	47	41	26	32	46	27	40	23	34	27	19	25	30	39	41	54	56	37	22	35	35	31	36.3	
TONOLOWAY	MAX	41	53	51	71	67	56	58	34	42	64	64	36	40	57	49	49	43	56	48	33	47	40	59	63	70	78			48	53	40	52.5	
	MIN	30	38	41	50	55	48	33	23	14	39	33	24	29	37	23	33	19	32	25	15	20	29	32	40	39							32.3	
TOWSON	MAX	43	53	58	69	69	72	70	38	48	65	65	46	45	60	55	51	41	60	55	34	40	54	60	70	69	78	78	43	56	55	38	56.1	
	MIN	26	35	41	54	52	50	35	23	25	42	41	22	30	40	29	38	24	31	24	16	24	30	33	39	43	55	34	20	33	37	28	34.0	
UNIONVILLE	MAX	44	53	58	68	65	68	65	37	46	62	59	33	46	61	44	50	41	52	45	33	41	42	55	70	74	77	64	43	57	52	38	53.0	
	MIN	27	36	37	55	47	50	30	23	23	40	24	23	32	34	23	32	17	31	19	14	23	29	30	36	36	57	24	16	35	33	30	31.2	
U S SOLDIERS HOME DC	MAX	45	49	57	61	70	68	72	46	38	54	70	54	38	60	63	50	52	43	62	30	31	42	52	62	73	75	79	44	46	58	57	54.9	
	MIN	24	34	39	52	56	53	40	26	27	31	42	25	28	35	30	32	21	28	30	19	20	28	29	42	42	52	37	21	24	39	30	33.4	
VIENNA	MAX	48	61	59	67	71	69	62	40	56	69	67			69	60	55	43	58	56	34	44	53	62	65	70	71	62	53	57	56		58.5	
	MIN	22	38	47	55	53	55	39	28	25	46	45	26	40	44	29	38	24	34	29	19	23	35	42	45	52	54	38	24	41	37	33	37.4	
WALDORF POLICE BRKS	MAX	45	57	58		66	67	67	37	52	71	69	50	45	62	59	49	43	64	63	31	42	50	62	74	74	75	74	41	58	58	38	56.7	
	MIN	31	37	51		52	53	37	25	23	49	43	25	29	44	24	40	19	37	25	18	19	31	38	40	52	52	36	21	37	36	29	35.1	
WASHINGTON WB CITY DC	MAX	50	59	60	71	69	73	67	39	55	71	61	38	54	64	49	52	43	65	44	35	43	52	64	75	76	80	63	46	59	56	43	57.3	
	MIN	33	44	50	59	58	57	36	29	31	52	38	31	36	45	37	38	30	35	27	22	29	36	42	49	57	60	35	27	36	35	32	39.5	
WATERLOO POLICE BRKS	MAX	46	55	60	71	72	72	70	47	50	70	70	49	45	62	56	57	43	61	59	37	43	57	60	71	74	78	77	44	59	60	40	58.5	
	MIN	28	37	41	56	49	47	37	24	18	40	43	24	24	42	27	41	20	32	26	18	22	30	35	39	45	57	36	20	36	30	34.2		
WEST LANHAM HILLS	MAX	48	58	60	70	68	73	68	38	53	70	66	40	48	63	51	51	42	63	54	31	44	53	63	74	78	79	71	45	60	56	40	57.4	
	MIN	30	39	45	59	58	52	35	27	26	50	39	25	32	47	29	39	23	34	27	16	24	31	40	44	56	60	33	21	36	35	31	36.9	
WESTERN PORT	MAX	50	61	58	75	71	68	67	43	58	65	60	40	43	58	48	45	57	43	38	53	52	59	75	83	77	60	39	46	54	44	56.1		
	MIN	31	39	44	42	51	48	31	24	16	46	34	20	30	34	24	30	19	36	26	17	19	30	44	40	37	41	31	17	30	35	31	32.2	
WESTMINSTER	MAX	45	54	57	67	65	67	65	36	46	61	60	40	43	59	50	47	40	52	50	32	41	43	55	70	75	76	70	41	54	53	38	53.3	
	MIN	30	36	41	55	53	52	33	22	21	43	29	23	30	40	27	38	21	30	22	15	25	31	35	45	46	57	34	18	34	28	33.8		
WHALEYSVILLE	MAX	49	63	63	71	73	71	68	39	56	68	66	47	54	70	61	64	43	57	54	33	47	53	66	70	76	74	69	51	59	56	45	59.2	
	MIN	24	34	46	56	58	54	38	23	18	49	42	24	43	44	27	40	24	35	29	19	19	28	40	42	54	55	39	25	42	37	34	36.8	
WHITE HALL	MAX	40	48	54	64	56	64	59	30	43	55	46	31	42	56	37	46	37	51		31	38	46	50	63	61	72	54	39	50	48	36	48.2	
	MIN	27	33	35	54	44	47	38	21	21	35	25	21	30	37	27	29	22	32	18	17	27	30	30	33	34	50	23	19	36	34	29	30.9	
WOODSTOCK COLLEGE	MAX	43	52	59	69	68	70	67	35	48	68	65	39	46	60	50	50	40	59	51	33	40	51	58	72	74	78	73	41	57	55	39	55.2	
	MIN	27	35	40	57	50	50	32	25	19	42	39	23	32	42	25	39	18	33	25	17	23	29	32	37	38	58	35	16	35	30	33.5		
DELAWARE																																		
BR																																		

Table 7

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
JANUARY 1950

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
DELAWARE																																
BRIDGEVILLE	SNOWFALL SN ON GND																			T	T											
DOVER	SNOWFALL SN ON GND																			T												
LEWES	SNOWFALL SN ON GND																			T	T											
NEWARK COLLEGE FARM	SNOWFALL SN ON GND																			T	T											
WILMINGTON WB N CASTLE	SNOWFALL SN ON GND											T			T					.4	T	.2						T				
WILMINGTON PORTER RES	SNOWFALL SN ON GND							T					T							.4	T	.2										T
DISTRICT OF COLUMBIA																																
WASHINGTON WB CITY DC	SNOWFALL SN ON GND												T				T			.2	T							T				
MARYLAND																																
ANNAPOLIS USN ACADEMY	SNOWFALL SN ON GND												T	T						.2	T							T				
BALTIMORE WB CITY	SNOWFALL SN ON GND												T					T		.4	T							.1				
BENSON POLICE BARRACKS	SNOWFALL SN ON GND								T				T							T	T							T			T	T
BENTLY SPRINGS	SNOWFALL SN ON GND																											T				.5
BRIGHTON DAM	SNOWFALL SN ON GND												T							.2	T							T				T
CAMBRIDGE	SNOWFALL SN ON GND																			T								T				
CHARLOTTE HALL	SNOWFALL SN ON GND																															
CHELTHENHAM	SNOWFALL SN ON GND													T							T											
CHESTERTOWN	SNOWFALL SN ON GND												T							.5	T							T				
CHEWSVILLE BRIDGEPORT	SNOWFALL SN ON GND								T				T							T	T							T	T			
CLEAR SPRING	SNOWFALL SN ON GND												T	T																		T
CUMBERLAND POLICE BRKS	SNOWFALL SN ON GND												T	T																		T
DUNDALK	SNOWFALL SN ON GND												T					T		.7	T											T
ELKTON	SNOWFALL SN ON GND																			T	T											
FORT GEORGE G MEADE	SNOWFALL SN ON GND												T							.5	T							T				T
FREDERICK POLICE BRKS	SNOWFALL SN ON GND												T	T																		
FRIENDSVILLE	SNOWFALL SN ON GND																											.5				
FROSTBURG	SNOWFALL SN ON GND								T				T																			.3
GLENN DALE BELL STA	SNOWFALL SN ON GND																			T	T							T				T
GRASONVILLE	SNOWFALL SN ON GND																				T											
HANCOCK FRUIT LAB	SNOWFALL SN ON GND					T									T																	T
KEEDYSVILLE	SNOWFALL SN ON GND												T								T											T
LAUREL	SNOWFALL SN ON GND												T							1.5	T							T				
LEONARDTOWN	SNOWFALL SN ON GND																				T											
LISBON	SNOWFALL SN ON GND												T								T											
MILLINGTON	SNOWFALL SN ON GND																				T	T										
NEW GERMANY	SNOWFALL SN ON GND																														T	T
OAKLAND	SNOWFALL SN ON GND												T															.5				T
OWINGS FERRY LANDING	SNOWFALL SN ON GND																				T											
PICARDY	SNOWFALL SN ON GND												T																			T

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
JANUARY 1950

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
POCOMOKE CITY	SNOWFALL SN ON GND																			T													
PRESTON	SNOWFALL SN ON GND																			T													
RIDGELY	SNOWFALL SN ON GND																			T													
ROCK HALL	SNOWFALL SN ON GND												T							.5									T				
ROCKVILLE	SNOWFALL SN ON GND												T						.3										T				
ROYAL OAK	SNOWFALL SN ON GND																			T	T								T				
SOLOMONS	SNOWFALL SN ON GND																			T	T								T				
TAKOMA PARK MISS AVE	SNOWFALL SN ON GND												T							.5	T								T				
TOWSON	SNOWFALL SN ON GND												T							T	T								T				
UNIONVILLE	SNOWFALL SN ON GND							T												T													
VIENNA	SNOWFALL SN ON GND																			T									T				
WESTERN PORT	SNOWFALL SN ON GND												T																				
WESTMINSTER	SNOWFALL SN ON GND												T							T													T
WOODSTOCK COLLEGE	SNOWFALL SN ON GND												T							T									T				

See reference notes following Station Index.

STATION INDEX

MARYLAND AND DELAWARE
JANUARY 1950

Station	Index No.	County	Drainage	Latitude	Longitude	Elev. (ft.)	Time of observation			Years of record			Observer	Refer to tables	
							Zone	Temp.	Precip.	Temp.	Precip.	Evap.			
DELAWARE															
BRIDGEVILLE	1330	SUSSEX	CHESAPEAKE	38 44	75 38	45	EST	6P	6P	59	59		W M RAY	2 3 5 7	
DELAWARE CITY REEDY POINT	2625	NEW CASTLE	COASTAL	39 34	75 35	10	EST	4P	4P	63	63		J E MADEN	2 3 5	
DOVER	2730	KENT	COASTAL	39 10	75 32	34	EST	4P	4P	62	62		F J BOWERY	2 3 5 7	
GEORGETOWN	3570	SUSSEX	CHESAPEAKE	38 39	75 27	50	EST	6P	6P	4	4		E F TURNER	2 3 5	
LEWES	5320	SUSSEX	COASTAL	38 46	75 08	10	EST	6P	6P	5	5		OTTO F VOGL	2 3 5 7	
MILFORD	5915	SUSSEX	COASTAL	38 55	75 25	20	EST	6P	6P	54	54		L G MARKERT	2 3 5	
MILLSBORO	6020	SUSSEX	COASTAL	38 35	75 19	20	EST	6P	6P	57	57		P C TOWNSEND	2 3 5	
NEWARK PUMPING STATION	6405	NEW CASTLE	COASTAL	39 40	75 45	110	EST		MID		18		CLOSED 8/49	3	
NEWARK COLLEGE FARM	6410	NEW CASTLE	COASTAL	39 39	75 46	110	EST	6P	6P	37	37		FRED COLLINS	2 3 5 7	
SMYRNA	8510	KENT	COASTAL	39 15	75 36	45	EST	6P	6P	2	2		C M EWING	2 3 5	
WILMINGTON WB NEW CASTLE	9585	NEW CASTLE	COASTAL	39 40	75 36	73	EST	MID	MID	2	2		U S WEATHER BUREAU	2 3 4 5 7	
WILMINGTON CITY HALL	9600	NEW CASTLE	COASTAL	39 45	75 33	99	EST		5P		56		STREET DEPARTMENT	3	
WILMINGTON PORTER RESERVOIR	9605	NEW CASTLE	COASTAL	39 46	75 32	260	EST	MID	MID	38	38		WATER DEPARTMENT	2 3 5 7	
DISTRICT OF COLUMBIA															
BRIGHTWOOD	1135		POTOMAC	38 57	77 01	260	EST	8A		3	3		BENJ C CRUCKSHANKS	2 3 5	
DALECARLIA RESERVOIR	2325		POTOMAC	38 56	77 07	146	EST	3P	3P	4	4		JAMES L KERRICK	2 3 5	
NATIONAL ARBORETUM	6350		POTOMAC	38 54	76 58	70	EST	3P	3P	4	4		JAMES R HARLOW	2 3 5	
U S SOLDIERS HOME	9035		POTOMAC	38 56	77 01	230	EST	7A	7A	5	5		R C PRATT	2 3 5	
WASHINGTON WB CITY	9290		POTOMAC	38 54	77 03	72	EST	MID	MID	79	79		U S WEATHER BUREAU	2 3 4 5 7	
MARYLAND															
ABERDEEN PHILLIPS FIELD	0015	HARFORD	CHESAPEAKE	39 28	76 10	62	EST	MID	MID	31	31		U S AIR FORCE	2 3 5 7	
ANNAPOLIS U S NAVAL ACADEMY	0185	ANNE ARUNDEL	CHESAPEAKE	38 59	76 29	40	EST	MID	MID	84	84		U S NAVY	2 3 4 5 7	
BALTIMORE WB AIRPORT	0465	BALTIMORE	CHESAPEAKE	39 15	76 32	16	EST	MID	MID	15	15		U S WEATHER BUREAU	2 3 4 5	
BALTIMORE WB CITY	0470		CHESAPEAKE	39 17	76 37	14	EST	MID	MID	79	79		U S WEATHER BUREAU	2 3 4 5 7	
BALTIMORE HAMILTON	0475		CHESAPEAKE	39 22	76 33	355	EST		6P	6P	2	2		R G BAUER JR	2 3 5
BATTERY PARK	0565	MONTGOMERY	POTOMAC	39 00	77 07	338	EST	5P	5P	4	4		RAY K LINSLEY	2 3 5	
BELTSVILLE	0700	PRINCE GEORGES	POTOMAC	39 02	76 53	120	EST		8A	8A	12	12	8	J B SHEPHERD	2 3 4 5 6
BELTSVILLE PLT IND STA NO 1	0701	PRINCE GEORGES	POTOMAC	39 02	76 56	160	EST	9A	9A				H P SEVY	2 3 5	
BELTSVILLE PLT IND STA NO 2	0702	PRINCE GEORGES	POTOMAC	39 02	76 56	136	EST	9A	9A				H P SEVY	2 3 5	
BELTSVILLE PLT IND STA NO 3	0703	PRINCE GEORGES	POTOMAC	39 02	76 56	200	EST	9A	9A				H P SEVY	2 3 5	
BELTSVILLE PLT IND STA NO 4	0704	PRINCE GEORGES	POTOMAC	39 02	76 56	265	EST	9A	9A				H P SEVY	2 3 5	
BELTSVILLE PLT IND STA NO 5	0705	PRINCE GEORGES	POTOMAC	39 01	76 57	100	EST	9A	9A				H P SEVY	2 3 4 5	
BELTSVILLE PLT IND STA NO 6	0706	PRINCE GEORGES	POTOMAC	39 01	76 57	215	EST	9A	9A				H P SEVY	2 3 5	
BENSON POLICE BARRACKS	0732	HARFORD	CHESAPEAKE	39 30	76 23	365	EST	5P	5P	2	2		MD STATE POLICE	2 3 5 7	
BETHESDA	0795	MONTGOMERY	POTOMAC	38 58	77 07	220	EST		MID		5		U S ENGINEERS	3 4	
BLACKWATER	0915	DORCHESTER	CHESAPEAKE	38 26	76 08	5	EST	4P	4P	9	9	8	NATL WILDLIFE REFUGE	2 3 5	
BRIGHTON DAM	1125	MONTGOMERY	PATUXENT	39 13	77 02	350	EST		5P		4		FRED S GILPIN	2 3 5 7	
BROOKDALE	1170	MONTGOMERY	POTOMAC	38 57	77 06	260	EST		7P		4		B FRANCIS DASHIELL	3	
BROOKSIDE MANOR	1180	PRINCE GEORGES	POTOMAC	38 58	76 58	50	EST	6P	6P	4	4		RALPH HIGGS	2 3 5	
BURNT MILLS RESERVOIR	1278	MONTGOMERY	POTOMAC	39 02	77 00	220	EST		8A		4		J M JESTER	3	
CAMBRIDGE	1385	DORCHESTER	CHESAPEAKE	38 34	76 09	15	EST	6P	6P	55	55		D'ARCY HARDING	2 3 5 7	
CHARLOTTE HALL	1685	ST MARYS	PATUXENT	38 28	76 44	167	EST	6P	6P	28	28		J B TENNYSON	2 3 5 7	
CHELTENHAM	1710	PRINCE GEORGES	PATUXENT	38 44	76 51	230	EST	7A	7A	49	49		U S MAGNETIC OBS	2 3 5 7	
CHESTERTOWN	1750	KENT	CHESAPEAKE	39 13	76 04	35	EST	11P	11P	44	44		T W ELIASON JR	2 3 5	
CHEWSVILLE BRIDGEPORT	1790	WASHINGTON	POTOMAC	39 38	77 41	560	EST	SS	SS	52	52		D PAUL OSWALD	2 3 5 7	
CLEAR SPRING	1890	WASHINGTON	POTOMAC	39 40	77 54	560	EST	6P	6P	50	50		MRS L A COHILL	2 3 5 7	
COCKEYSVILLE	1960	BALTIMORE	CHESAPEAKE	39 27	76 38	420	EST		MID		2		D M PARKS	3 4	
COLEMAN	1980	KENT	CHESAPEAKE	39 21	76 07	30	EST	SS	SS	52	52		W B HARRIS	2 3 5	
COLLEGE PARK UNIV OF MD	1995	PRINCE GEORGES	POTOMAC	38 59	76 56	95	EST	5P	5P	63	63		JOSEPH J HIGGINS	2 3 5	
CONOWINGO DAM	2060	HARFORD	SUSQUEHANNA	39 39	76 10	40	EST	MID	MID	14	14		SUSQUEHANNA ELEC CO	2 3 5	
CONOWINGO POLICE BARRACKS	2065	HARFORD	SUSQUEHANNA	39 39	76 11	195	EST	5P	5P	2	2		MD STATE POLICE	2 3 5 7	
CRISFIELD	2205	SOMERSET	CHESAPEAKE	37 59	75 51	5	EST	5P	5P	30	30		G C ADAMS SR	2 3 5 7	
CUMBERLAND	2280	ALLEGANY	POTOMAC	39 79	78 45	623	EST	6P	6P	79	79		R R GOLDEN	2 3 5	
CUMBERLAND POLICE BARRACKS	2285	ALLEGANY	POTOMAC	39 39	78 49	880	EST	6P	6P	2	2		MD STATE POLICE	2 3 5 7	
DISTRICT HEIGHTS	2585	PRINCE GEORGES	POTOMAC	38 51	76 54	272	EST	6P	6P	4	4		J P KOHLER	2 3 5	
DUNDALK	2660	BALTIMORE	CHESAPEAKE	39 16	76 31	28	EST	6P	6P				FRANK YOST	2 3 5 7	
EASTON POLICE BARRACKS	2700	TALBOT	CHESAPEAKE	38 46	76 01	60	EST	5P	5P	59	59		MD STATE POLICE	2 3 5	
EDGEMONT	2770	WASHINGTON	POTOMAC	39 40	77 33	920	EST		8A		11		LEE G HARNE	3	
ELKTON	2860	CECIL	CHESAPEAKE	39 36	75 50	28	EST	6P	6P	23	23		H W BOUCHELLE	2 3 5 7	
EMMITSBURG	2905	FREDERICK	POTOMAC	39 41	77 21	720	EST	5P	5P	83	83		MT ST MARYS SEMINARY	2 3 5	
FALLSTON	3050	HARFORD	CHESAPEAKE	39 31	76 25	450	EST	6P	6P	80	80		MISS ETHEL CURTISS	2 3 5	
FORT GEORGE G MEADE	3230	ANNE ARUNDEL	PATUXENT	39 07	76 46	195	EST	MID	6P		8		U S ARMY	2 3 5 7	
FREDERICK	3345	FREDERICK	POTOMAC	39 25	77 25	297	EST	5P	5P	80	80		D J MARKEY JR	CLOSED	
FREDERICK POLICE BARRACKS	3348	FREDERICK	POTOMAC	39 25	77 26	380	EST	5P	5P	2	2		MD STATE POLICE	2 3 5 7	
FREDERICK WB AIRPORT	3350	FREDERICK	POTOMAC	39 25	77 23	294	EST	10P	10P	6	6		U S WEATHER BUREAU	2 3 5	
FREDERICK 3 MI E	3355	FREDERICK	POTOMAC	39 24	77 22	385	EST		8A		1		GLENNA R STALEY	3	
FRIENDSVILLE	3400	GARRETT	YOUGHIOGHENY	39 37	79 28	2288	EST	6P	6P	27	27		HARRY N SAVAGE	2 3 5 7	
FROSTBURG	3410	ALLEGANY	POTOMAC	39 39	78 56	2100	EST	6P	6P	48	48		C A SUTER JR	2 3 5 7	
GERMANTOWN	3585	MONTGOMERY	POTOMAC	39 10	77 17	460	EST	6P	6P	29	29		R F STALEY	2 3 5	
GLEN ECHO	3645	MONTGOMERY	POTOMAC	38 58	77 09	150	EST		MID		5		U S ENGINEERS	3 4	
GLENN DALE BELL STATION	3675	PRINCE GEORGES	PATUXENT	38 58	76 48	151	EST	4P	4P	29	29		BUREAU PLANT INDUSTRY	2 3 5 7	
GRANTSVILLE	3795	GARRETT	OHIO	39 42	79 09	2300	EST		MID		7		MARY R BITTINGER	3 4	
GRASONVILLE	3805	QUEEN ANNES	CHESAPEAKE	38 58	76 13	8	EST	5P	5P	2	2		MISS CAROLYN COURSEY	2 3 5 7	
GREAT FALLS	3855	MONTGOMERY	POTOMAC	39 00	77 15	200	EST	5P	8A	61	61		U S ENGINEERS	2 3 5	
GRFNBELT	3860	PRINCE GEORGES	POTOMAC	39 01	76 52	200	EST	8A	8A	1	1		WILLIAM H KLINE	2 3 5	
GROSVENOR LANE	3930	MONTGOMERY	POTOMAC	39 01	77 09	330	EST	6P	6P	3	3		A F MACRUM	2 3 5	
HAGERSTOWN	3975	WASHINGTON	POTOMAC	39 75	77 44	660	EST	6P	6P	8	8		CHARLES E WUMBA	2 3 5	
HANCOCK FRUIT LABORATORY	4030	WASHINGTON	POTOMAC	39 42	78 11	428	EST	8A	8A	16	16		CHARLES O DUNBAR	2 3 5 7	
HUNTINGTON	4485	CALVERT	CHESAPEAKE	38 37	76 37	160	EST	6P	6P	14	14		ELMER O BOWEN	2 3 5	
KEDYSVILLE	4780	WASHINGTON	POTOMAC	39 29	77 42	420	EST	6P	6P	46	46		TRAVIS D KNODE	2 3 5 7	
LA PLATA	5080	CHARLES	POTOMAC	38 32	76 58	190	EST	5P	5P	35	35		MILTON M SOMERS	2 3 5 7	
LEONARDTOWN	5200	ST MARYS	POTOMAC	38 18	76 38	100	EST	5P	5P	15	15		THOMAS E STOKEL	2 3 5 7	
LUKE	5530	ALLEGANY	POTOMAC	39 29	79 03	950	EST		8A		12		J G PATRICK	3 4	
MILLINGTON	5985	KENT	CHESAPEAKE	39 15	75 50	27	EST	SS	SS	52	52		HENRY L HIGMAN	2 3 5 7	
OAKLAND	6620	GARRETT	MONONGAHELA	39 24	79 24	2420	EST	5P	5P	52	52		R E WEBER	2 3 4 5 7	
OWINGS FERRY LANDING	6770	CALVERT	CHESAPEAKE	38 41	76 41	120	EST	7P	7P	33	33		THOMAS J BOURNE	2 3 5 7	
OXFORD	6785	TALBOT	CHESAPEAKE	38 42	76 10	10	EST	5P	5P	13	13		HENRY WILCOX	2 3 5	
PATUXENT RIVER	6915	ST MARYS	CHESAPEAKE	38 17	76 24	74	EST		MID		6		U S NAVAL AIR STATION	3 4	
PERRY POINT	6980	CECIL	CHEAPEAKE	39 33	76 04	40	EST		6P		9		VETERANS ADMINISTRATION	2 3 5 7	
PICARDY	7010	ALLEGANY	POTOMAC	39 33	78 30	1030	EST	6P	6P	23	23				

STATION INDEX

MARYLAND AND DELAWARE
JANUARY 1950

Continued

Station	Index No.	County	Drainage	Latitude	Longitude	Elev. (ft.)	Time of observation			Years of record			Observer	Refer to tables
							Zone	Temp.	Precip.	Temp.	Precip.	Evap.		
PIKESVILLE POLICE BARRACKS	7015	BALTIMORE	PATAPSCO	39 22	76 43	485	EST	5P	5P	2	2		MD STATE POLICE	2 3 5
POCOMOKE CITY	7140	WORCESTER	CHESAPEAKE	38 04	75 34	16	EST	5P	5P	21	21		RAYMOND PHILLIPS	2 3 5 7
PRESTON	7310	CAROLINE	CHESAPEAKE	38 43	75 55	48	EST	5P	5P				WALTER MORRIS	2 3 5 7
PRETTY BOY DAM	7315	BALTIMORE	CHESAPEAKE	39 38	76 42	780	EST	5P	5P	19	19		C W HENDRICKS	2 3 5
PRINCESS ANNE	7330	SOMERSET	CHESAPEAKE	38 12	75 40	17	EST	5P	5P	50	50		GLENN R BELLINGER	2 3 5
RANDALLSTOWN POLICE BARRACKS	7435	BALTIMORE	PATAPSCO	39 23	76 50	625	EST	5P	5P	2	2		MD STATE POLICE	2 3 5
RIDGELY	7575	CAROLINE	CHESAPEAKE	38 57	75 53	67	EST	6P	6P	59	59		J K SNOWBERGER	2 3 5 7
RIVERDALE	7615	PRINCE GEORGES	POTOMAC	38 58	76 56	45	EST	6P	6P	4	4		R T ZOCH	2 3 5
ROCK CREEK FOREST	7690	MONTGOMERY	POTOMAC	39 00	77 04	200	EST	6P	6P				CLOSED 11-49	3
ROCK HALL	7700	KENT	CHESAPEAKE	39 08	76 14	15	EST	6P	6P	36	36		EDWIN URLE	2 3 5 7
ROCKVILLE	7705	MONTGOMERY	POTOMAC	39 05	77 09	440	EST	5P	5P	2	2		MONTGOMERY CO POLICE	2 3 5 7
ROYAL OAK	7806	TALBOT	CHESAPEAKE	38 43	76 11	10	EST	5P	5P	2	2		J L SWAINE JR	2 3 5 7
SALISBURY	8000	WICOMICO	CHESAPEAKE	38 22	75 36	10	EST	4P	4P	43	43		CITY OF SALISBURY	2 3 5 7
SALISBURY POLICE BARRACKS	8003	WICOMICO	CHESAPEAKE	38 25	75 34	42	EST	5P	5P	2	2		MD STATE POLICE	2 3 5
SALISBURY MUNICIPAL CAA APT	8005	WICOMICO	CHESAPEAKE	38 20	75 30	46	EST	MID	MID	2	2		CIVIL AERO ADM	2 3 4 5
SAVAGE RIVER DAM	8065	GARRETT	POTOMAC	39 30	79 08	1460	EST		8A				U S ENGINEERS	3 4
SHARPTOWN	8210	WICOMICO	CHESAPEAKE	38 33	75 43	10	EST		MID		8		WALTER G MANN	3 4
SINES DEEP CREEK	8315	GARRETT	YOUNGHIOWENY	39 31	79 25	2030	EST	MID	MID	25	25		C F MAC MURRAY	2 3 4 5
SNOW HILL	8380	WORCESTER	CHESAPEAKE	38 10	75 24	18	EST	5P	5P				ELLIOTT BROWN	2 3 5 7
SOLOMONS	8405	CALVERT	CHESAPEAKE	38 19	76 27	20	EST	6P	6P	58	58		CHESAPEAKE BIOLOGICAL LAB	2 3 5 7
TAKOMA PARK MISS AVE	8725	MONTGOMERY	POTOMAC	38 59	77 00	230	EST	7P	7P	5	5		O L HARVEY	2 3 5 7
TONGLOWAY	8855	WASHINGTON	POTOMAC	39 40	78 15	550	EST	6P	6P	25	25		J H CLINGERMAN	2 3 5 7
TOWSON	8877	BALTIMORE	PATAPSCO	39 24	76 36	415	EST	5P	5P		11		BALTIMORE CO POLICE	2 3 5 7
UNIONVILLE	9030	FREDRICK	POTOMAC	39 28	77 11	450	EST	6P	6P	10	8		G P VON EIFF JR	2 3 4 5 7
WALDORF POLICE BARRACKS	9195	CHARLES	POTOMAC	38 39	76 53	210	EST	5P	5P	2	2		MD STATE POLICE	2 3 5
WATERLOO POLICE BARRACKS	9314	HOWARD	PATAPSCO	39 10	76 47	230	EST	5P	5P	2	2		MD STATE POLICE	2 3 5
WEST LANHAM HILLS	9400	PRINCE GEORGES	POTOMAC	38 57	76 53	165	EST	6P	6P	2	2		LILBURN H SEAMON	2 3 5
WESTERN PORT	9405	ALLEGANY	POTOMAC	39 29	79 02	1000	EST	6P	6P	56	56		NORRIS BRUCE	2 3 5 7
WESTMINSTER	9435	CARROLL	CHESAPEAKE	39 35	77 00	770	EST	6P	6P	40	40		H J MATHIAS	2 3 5 7
WHALEYSVILLE	9497	WORCESTER	CHESAPEAKE	38 24	75 18	32	EST	5P	5P				R E WIMBROW	2 3 5 7
WHITE HALL	9507	BALTIMORE	CHESAPEAKE	39 37	76 38	350	EST	5P			2		BLAINE MC COLLUM	2 3 5
WILLIAMSPORT	9570	WASHINGTON	POTOMAC	39 37	77 51	360	EST		7A		11		R C WILLSON	3
WILLIS SCHOOL FILTR PLANT	9579	PRINCE GEORGES	PATUXENT	39 06	76 54	400	EST		8A		4		ROBERT E CRAVER	3
WOODSTOCK COLLEGE	9750	BALTIMORE	CHESAPEAKE	39 20	76 53	415	EST	6P	6P	80	80		WOODSTOCK COLLEGE	2 3 5 7
NEW STATIONS														
BENTLEY SPRINGS	0737	BALTIMORE	CHESAPEAKE	39 41	76 41	730	EST	5P	5P	25	25		CARL PITTINGER	2 3 5 7
LAUREL	5111	PRINCE GEORGES	PATUXENT	39 06	76 54	400	EST	5P	5P		4		ROBERT CRAVER	2 3 5 7
LISBON	5302	HOWARD	PATUXENT	39 20	77 04	585	EST	6P	6P				AUGUST E SIMA	2 3 5 7
NEW GERMANY	6498	GARRETT	SAVAGE	39 38	79 07	2490	EST	5P	5P	8A			MATTHEW E MARTIN	2 3 4 5 7
OCEAN CITY	6665	WORCESTER	COASTAL	38 29	75 05	17	EST	X					U S COAST GUARD	2 3 5
VIENNA	9140	DORCHESTER	CHESAPEAKE	38 29	75 50	12	EST	8P	8P				EASTERN SHORE PUB SER CO	2 3 5 7
LEONARDTOWN NO 2	5205	ST MARYS	POTOMAC	38 18	76 39	14	EST		MID		8		MD STATE ROAD COMMISSION	3 4
COLLEGE PARK SCS	2000	MONTGOMERY	POTOMAC	39 03	76 57	309	EST		MID		9		SOIL CONSERVATION SERVICE	3 4
BALTIMORE SLEDDS POINT	0460		CHESAPEAKE	39 12	76 34	135	EST	5P	5P				DAVIDSON CHEMICAL CO	2 3 5

The four digit identification numbers in the index number

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 p.m. E.S.T.

- No record in Tables 3, 4, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- B Adjusted to a full month.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record.
- R Station equipped with recording gage only.
- SS This entry in time of observation column in Station Index means sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.

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W. R. P. C., Chattanooga, Tennessee --- 4/7/50 --- 1150