

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

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CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

MARCH 1951

Volume LV No. 3



MARYLAND AND DELAWARE - MARCH 1951

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WEATHER SUMMARY

Mean temperatures and precipitation totals averaged near normal this March. Mean temperatures showed very little variation among the several sections but precipitation amounts ranged a great deal. The average snowfall was extremely light. Cloudiness was considerably more than during a typical March, resulting in diminished percentages of sunshine. In Baltimore, it was the lowest March percentage of record. The average speed of the wind was slightly more than normal. Thunderstorms were infrequent, occurring mostly on the 7th.

Only one station in nine reported mean temperatures more than one degree above or below normal. Washington, D. C., Leonardtown, and Cumberland were two to three degrees warmer than usual, and a few scattered stations in northern and western areas were one to two degrees above normal. Crisfield, Owings, Oxford, and Cheltenham, Maryland, and Millsboro, Delaware, averaged subnormal by one to two degrees and were the only such stations. Generally, northern counties were slightly above normal while the southern counties were slightly on the cool side. In Delaware, mean temperatures ranged from 41.4° at Wilmington Porter Reservoir to 44.5° at Dover. The same data for Maryland showed extremes of 45.9° at Salisbury and 34.1° at New Germany.

As precipitation totals averaged less than one half-inch below normal, that figure is considered to be close enough to call it seasonable. Nevertheless, the monthly totals at several stations showed a fairly wide variation. Delaware totals ranged from 2.41" at Bridgeville to 4.50" at Lewes, while in Maryland, extreme amounts were 5.99" at Tonoloway and 1.93" at Ocean City. The only above normal precipitation was reported from western and extreme northern portions of Maryland and the northern part of New Castle County, Delaware, with the greatest excess being reported in Allegany and western Washington Counties. Precipitation was deficient by one to two inches in Talbot, Caroline, and portions of Anne Arundel, Kent, Queen Annes, Dorchester and Wicomico Counties of Maryland, and the western portion of Sussex County of Delaware.

Although some snow was reported by practically all stations during the month, the amounts were mostly less than one inch, and averages were about one-tenth of normal. Although the significant snowfalls were limited to Garrett and western Allegany Counties, portions of Montgomery and Prince Georges Counties had about one inch. The greatest total for the month was 11.9" at Oakland.

Temperatures were above normal during the first week as the storm path was from the Southern Plains States to the Great Lakes Region and then up into Canada, bringing about a preponderance of southwesterly winds. A good southwest wind in advance of a cold front moving eastward from the interior of the Nation caused readings to rise into the upper sixties and lower seventies on the 7th. It was briefly cold on the 10-11th when most temperatures dropped into the twenties, although Garrett County readings dropped to below 20°. The lowest temperature, 11°, was reached at Sines on the 11th.

Although temperatures were near normal from the 12th through the 21st, the start of this period was marked by some extreme weather conditions. A storm center, or area of low barometric pressure, moved northeastward over the Atlantic Coastal States and was over Maryland during the morning of the 14th. Heavy rains and high winds were Section-wide on the night of the 13-14th. Early in the morning on the 14th, the wind at Baltimore's Friendship Airport rose to 72 miles per hour, six miles per hour higher than any wind velocity ever recorded in more than seventy years at the City Office in Baltimore. Show windows were broken, signs were blown over, trees were uprooted, and small boats were torn from their moorings and smashed. Another storm center moved up from the central Gulf Coast on the 19th and was centered over Delaware the morning of the 20th. It brought the greatest 24-hour rainfalls to most stations.

The last ten days of the month were marked by frequent and rather large changes in temperatures. It was cool near the 22nd, warm near the 23-24th, cool again near the 27th and warm again on the 29th and 31st. The highest temperature for the month in Maryland was 76° on the 23rd at the Cumberland Police Barracks, while the highest Delaware temperature was 72° on the 29th at Bridgeville. The month's lowest Delaware temperature was a 17° reading at Millsboro on the 27th. Rains were fairly general in Maryland and Delaware on the 30th, associated with a secondary storm center accompanying an eastward moving cold front. The greatest 24-hour rainfall, 2.22", occurred on this occasion at Hancock. The heavy showers in Allegany and western Washington Counties on the 30th were largely responsible for the month's excessive rainfall in that area.

At the beginning of the month, some signs of vegetation leaving the dormant stage were in evidence. Pastures and winter grasses and grains were greening. During the month, farm operations were delayed only slightly as, at times, some fields were too wet for plowing and fields in other sections were too dry. By the end of the month, some early gardens were being planted, fruit buds were swelling and, in some areas, showing pink. Pastures and winter grains and grasses were in a fair to good condition.--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
MARCH 1951

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
	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	Traces	01-09	10-49	50-99	100-199	200 and over	Total		
ABERDEEN PHILLIPS FIELD MD.	-	-	-	-	-	-	76	77	57	64	-	-	-	-	-	-	-	-	-
ANNAPOLIS USN ACADEMY MD.	NW	17	11.2	-	-	-	71	73	63	65	-	-	-	-	-	-	-	-	-
BALTIMORE WB CITY, MD.	NW†	13†	13.0†	72†	E†	14†	70†	75†	52†	61†	0	3	7	0	1	0	11	45†	6.4†
FREDERICK WB CITY, MD.	-	-	-	-	-	-	-	-	-	-	2	7	6	1	0	0	16	-	-
WASHINGTON WB CITY, D. C.	NW†	13†	11.7†	31	W	30	68†	72†	51†	58†	1	6	6	1	1	0	15	55	6.2†
WILMINGTON WB AP, DEL.	NW	14	10.6	-	-	-	76	75	53	67	3	4	7	1	1	0	16	-	6.6

† 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	39.8	74	-	2.94	3.5	9	1920	43.2	85	-	1	3.00	2.7	9	1945	53.0	91	17	1.80	0.3	10
1896	36.4	72	-	4.26	14.6	9	1921	53.6	91	14	2.38	T	11	1946	50.7	83	12	2.40	0.1	11	
1897	44.4	80	12	2.93	0.7	10	1922	44.2	80	11	4.70	2.2	13	1947	37.3	71	6	1.66	6.1	9	
1898	47.5	84	7	3.80	3.0	11	1923	43.3	82	-	6	4.23	5.8	11	1948	46.3	91	4	3.84	0.6	12
1899	40.9	77	1	4.79	3.7	11	1924	40.7	77	11	4.98	12.2	10	1949	44.7	88	-	2.75	1.0	8	
1900	37.3	74	-	3.23	13.2	9	1925	44.8	82	-	3	2.25	0.4	9	1950	39.9	80	12	4.27	3.2	
1901	42.6	81	-	3.50	1.9	9	1926	38.0	80	-	8	2.21	2.1	10	1951	43.1	76	11	3.14	0.4	
1902	44.7	80	3	3.92	10.5	10	1927	45.4	84	10	1.72	0.1	9	Period	42.8			3.54	4.8		
1903	49.2	85	15	5.12	0.2	10	1928	41.7	83	7	2.97	7.0	10								
1904	41.2	87	5	2.99	2.0	10	1929	48.0	86	4	3.14	1.3	10								
1905	45.4	88	-	3.16	2.2	10	1930	42.2	77	4	2.16	1.6	7								
1906	36.7	68	-	4.83	11.3	13	1931	39.1	65	14	4.28	7.4	13								
1907	46.1	93	2	3.30	6.5	9	1932	38.2	75	-	4	5.70	5.7	10							
1908	45.7	85	11	3.16	0.6	10	1933	40.1	79	0	4.40	3.2	13								
1909	40.2	80	9	3.69	7.6	11	1934	38.7	78	-	10	4.35	11.7	14							
1910	49.0	89	14	1.11	2.1	5	1935	47.6	86	10	2.99	1.8	14								
1911	39.8	77	-	2.56	9.3	12	1936	47.0	83	15	5.87	3.0	12								
1912	39.5	78	7	6.69	7.7	13	1937	39.4	74	1	1.96	9.7	8								
1913	47.2	83	-	4.56	0.7	10	1938	46.9	88	-	6	2.74	3.8	14							
1914	37.8	80	-	2.40	15.4	10	1939	43.9	90	-	5	3.74	0.8	11							
1915	36.6	64	3	1.14	4.4	5	1940	38.1	75	1	3.84	2.3	10								
1916	35.9	78	-	3.88	4.5	10	1941	36.7	70	-	8	2.25	12.7	8							
1917	41.1	82	5	5.34	10.2	13	1942	44.7	79	5	5.99	15.4	12								
1918	45.6	84	8	3.61	0.1	9	1943	42.6	84	-	6	3.56	8.1	12							
1919	45.8	76	14	3.87	0.6	10	1944	40.2	82	0	5.69	5.5	14								
DELAWARE																					
1895	40.9	69	19	3.61	1.2	9	1920	43.6	75	11	3.86	1.7	10	1945	53.1	89	22	1.79	0.0	10	
1896	38.2	74	12	4.74	3.8	10	1921	54.6	88	23	2.51	0.5	11	1946	50.8	80	18	3.11	0.0	11	
1897	44.5	50	20	2.72	T	8	1922	45.0	76	19	4.48	0.2	12	1947	37.7	69	11	1.92	4.3	8	
1898	48.2	78	22	2.67	1.0	9	1923	44.0	80	13	5.60	4.5	12	1948	46.5	91	8	3.81	0.2	13	
1899	42.0	72	20	5.32	3.4	11	1924	41.7	76	22	5.34	1.7	10	1949	44.9	81	17	3.47	0.2	8	
1900	38.4	69	6	3.72	6.0	10	1925	46.6	79	9	2.28	T	8	1950	40.4	80	8	4.46	1.2		
1901	42.7	74	8	3.60	0.6	7	1926	39.3	80	10	2.30	0.5	9	1951	42.9	72	27	3.46	0.2		
1902	46.2	75	16	3.74	3.5	10	1927	45.6	82	18	1.92	T	10	Period	43.6			3.81	2.7		
1903	49.9	79	23	6.10	0.0	9	1928	42.2	82	14	2.81	0.6	11								
1904	41.2	74	17	3.42	1.4	10	1929	49.7	81	11	3.39	T	11								
1905	44.4	83	11	3.12	0.6	11	1930	43.7	76	18	2.00	T	7								
1906	38.5	63	14	6.11	4.3	13	1931	40.6	64	25	5.24	7.4	12								
1907	46.1	88	16	2.99	4.8	9	1932	40.1	70	12	6.46	1.8	10								
1908	47.6	83	22	1.74	0.8	9	1933	41.8	80	16	3.15	1.2	13								
1909	41.8	75	17	3.82	2.5	10	1934	40.1	75	6	5.26	13.4	14								
1910	49.3	86	22	2.58	3.0	5	1935	47.9	77	19	3.25	0.4	13								
1911	40.6	74	6	3.10	7.0	10	1936	48.9	76	20	5.60	T	12								
1912	41.1	72	16	7.16	7.9	12	1937	39.8	69	15	2.56	3.5	9								
1913	49.1	80	13	3.86	T	10	1938	46.9	82	8	2.60	3.2	13								
1914	38.6	75	4	3.02	18.5	10	1939	44.4	84	17	5.10	1.3	14								
1915	38.8	62	19	1.26	1.7	3	1940	38.6	71	14	4.64	1.2	12								
1916	35.9	69	8	3.51	5.8	10	1941	37.3	63	13	2.36	8.4	8								
1917	41.7	76	17	6.26	0.9	13	1942	45.0	75	24	6.13	3.1	12								
1918	44.8	80	17	3.48	T	9	1943	44.0	83	4	3.81	6.3	12								
1919	46.4	78	24	4.63	0.1	9	1944	41.1	78	13	6.16	6.1	15								

See reference notes following Station Index

Table 2

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
MARCH 1951

Station	Temperature										Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	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 at obsn.	Date	.01 or more	.50 or more	1.00 or more	
MARYLAND																				
ABERDEEN PHILLIPS FLD	42.5	.2	67	31	23	27	690	0	12	3.76	.53	1.10	19	T	0		11	3	2	
ANNAPOLIS U S N ACADEMY	42.9	.5	64	24	26	27	677	0	8	2.30	-1.40	.97	19	T	0		14	1	0	
BALTIMORE SLEDDS PT	44.6		70	7+	25	11	622	0	10	2.91		1.16	20	T	0		12	2	1	
BALTIMORE WB AIRPORT	43.3	-1.2	70	7+	24	11+	665	0	14	3.70	.22	1.34	19	T	0	21	13	3		
BALTIMORE WB CITY	45.1	1.6	70	7+	27	10+	611	0	5	3.21	-.49	1.34	19	T	.0		11	1	1	
BALTIMORE PARKVILLE	43.3		66	23	24	10+	662	0	13	3.39		1.35	20	T	0		8	2	1	
BELTSVILLE	41.3	-1.3	70	8+	17	27		0	25	2.64	-.85	1.00	20	T	0	22	11	2		
BELTSVILLE PLT IND STA1	41.3		70	8+	18	27		0	22	-2.83		1.02	20	T	.3	22	12	2		
BELTSVILLE PLT IND STA2	41.4		71	8	18	27		0	23	2.71		1.02	20	T	.3	22	12	2		
BELTSVILLE PLT IND STA3	42.2		70	8+	19	27		0	18	2.42		.98	20	T	.3		12	2		
BELTSVILLE PLT IND STA4	42.4		70	8+	22	27		0	15	2.64		1.03	20	T	.3	22	12	2		
BELTSVILLE PLT IND STA5	40.9		70	8+	17	11+		0	24	2.65		1.04	20	T	.3		12	2		
BELTSVILLE PLT IND STA6	42.5		70	8+	17	27		0	16	2.57		1.06	20	T	.3	22	12	2		
BENSON POLICE BRKS	42.0		62	7+	21	10+	706	0	20	3.85		1.56	20	T	.5		11	2		
BENTLEY SPRINGS	40.4		68	7	18	27	757	0	20	3.21		.90	20	T	0		11	2		
BETHESDA NIH	43.7		71	7	22	27	651	0	15	2.64		.62	14				12	1		
BLACKWATER REFUGE	42.9		64	7+	24	10+	680	0	15	2.84		1.26	20				8	2		
BRIGHTON DAM	42.5		69	23	18	27	692	0	20	2.64		.78	20		1.0	0	10	2		
BROOKSIDE MANOR	44.7		71	23+	23	27	622	0	15	2.96		.83	14		.2	0	13	2		
CAMBRIDGE	44.2	-.9	68	24+	23	27	638	0	11	3.00	-.83	1.22	20	T	0		11	2		
CHARLOTTE HALL	45.7M	.7	70	7+	25	27	592	0	14	2.86	-.45	.86	20	T	0		17	2		
CHELTENHAM	43.1	-1.5	71	8	22	27		0	19	2.98	-.68	1.13	20	T	.3	22	14	2		
CHESTERTOWN	43.9	.6	68	30	26	10+	645	0	12	2.69	-.83	.67	20	T	.5		10	2		
CHEWSVILLE BRIDGEPORT	42.1	.9	67	7	21	27	703	0	15	3.89	.88	.89	14	T	0		14	4		
CLEAR SPRING	42.3M	1.1	68	23	21	10	694	0	15	4.39	.83	1.01	30	T	0		12	4		
COLEMAN	44.5	.8	67	23+	24	22	631	0	12	2.76	-.79	.80	20	T	0		9	2		
COLLEGE PARK U OF MD	44.9	.9	71	23	21	27	617	0	19	2.39	-1.14	.83	20	T	.4	22	12	2		
CONOWINGO DAM	41.3	.1	65	7	20	27	730	0	20	3.81	.35	1.07	19	T	0	21	14	3		
CONOWINGO POLICE BRKS	41.2		71	23	17	27	733	0	23	2.26		1.50	20	T	0		10	1		
CRISFIELD	46.0	-1.1	67	29	21	27	587	0	5	2.71	-1.44	1.18	20	T	0		9	1		
CUMBERLAND	43.2M	2.5	72	23	17	10	670	0	14	4.02	1.02	1.24	31		.6	14	10	3		
CUMBERLAND POLICE BRKS	41.6		76	23	15	22	718	0	17	3.20		1.10	30		2.0		12	1		
DISTRICT HEIGHTS	44.1		70	7+	25	10+	641	0	13	2.21		.78	14		.5	14	12	2		
DUNDALK	45.0		68	7+	27	10+	612	0	7	2.98		1.13	20	T	0		11	2		
EASTON POLICE BRKS	44.6	.2	66	30	24	11	626	0	12	2.70	-1.00	1.05	20	T	.0		12	2		
ELKTON	42.8	.4	66	23	20	27	679	0	15	3.61	-.14	1.10	20	T	0	22	12	2		
EMMITSBURG	41.4	.5	68	7	21	10+	723	0	18	4.82	.84	.92	20	T	0		11	5		
FALLSTON	40.7	.2	63	7+	19	10+	745	0	24	3.12	-.61	1.28	20	T	0		9	2		
FORT GEORGE G MEADE	42.3		71	23	15	27	694	0	22	3.45		1.20	20	T	0		11	2		
FREDERICK POLICE BRKS	42.3	-.3	69	7	18	11	694	0	19	3.12	-.25	.72	20	T	0		14	2		
FREDERICK WB AIRPORT	42.9		69	9	19	27	678	0	17	2.85		.93	20	T	0		14	1		
FRIENDSVILLE	39.4		70	6+	13	11	788	0	22	13.83		.71	30				11	3		
FROSTBURG	38.3	-.9	66	23	15	10	820	0	23	4.74	-1.09	1.07	30		12.0	10	14	2		
GERMANTOWN	43.2M	-.2	70	7	22	10	676	0	15	2.91	-.17	.62	20	T	1.0	0	13	2		
GLENN DALE BELL STA	43.5	-.6	70	7+	18	27	660	0	21	3.03	-.41	1.08	20	T	1.0	0	12	2		
GRASONVILLE	45.0	1.1	68	29	24	27	614	0	9	2.32	-1.94	.94	20	T	.0	0	8	1		
GREENBELT	41.0M		71	24	17	27		0	26	2.97		1.03	20	T	0		13	2		
HAGERSTOWN	42.3		68	7	21	10+	698	0	15	3.16		.87	30	T	0		9	2		
HANCOCK FRUIT LAB	39.5	-2.3	72	24	16	27		0	22	5.74	2.52	2.22	31	T	0		12	4		
HUNTINGTOWN	44.2	-.9	69	7+	24	10	638	0	14	2.72	-.60	.85	20	T	0		15	2		
KEEDYSVILLE	43.0	-.1	69	7	20	27	676	0	15	2.92	-.01	.96	14	T	0		13	1		
LA PLATA	45.2	-.9	72	29	22	26	611	0	16	2.91	-.39						8			
LEONARDTOWN 4 SSW	45.6	3.0	70	7+	23	27	595	0	12	2.55	-1.52	.80	20	T	0		12	2		
LISBON	40.8	.1	69	7	20	10+	744	0	22	2.83	-.71	.80	20	T	0	22	11	2		
MIDDLE RIVER	43.9		63	23+	28	10+	646	0	7	2.75		1.04	20	T	0		11	1		
MILLINGTON	44.7	.7	70	29	20	27	627	0	15	3.22	-.59	.88	20	T	.8	22	10	2		
NEW GERMANY	34.1		66	7	12	10+		0	28	4.51		1.10	14			10	14+	4		
OAKLAND	37.0	.1	66	23+	13	10+	861	0	23	5.23	1.20	.86	30		11.9	7	18	5		
OCEAN CITY	43.4		62	25	26	10	662	0	7	1.93		.79	19	T	.0	0	8	1		
OWINGS FERRY LANDING	44.4	-1.2	71	7	23	10	633	0	15	2.93	-.42	.84	20	T	.5	0	10	2		
OXFORD	44.6	-1.9	66	23	29	10+	627	0	8	2.02	-1.12	.82	20	T	.0	0	12	1		
PICARDY	42.0	-.2	70	23	16	11	706	0	16	4.77	1.81	1.60	30	T	0		14	2		
PIKESVILLE	42.4		68	7	20	11	695	0	19	3.08		1.01	20	T	0		9	2		
POCOMOKE CITY	45.3	-.8	70	29	23	27	605	0	15	3.06	-.64	1.18	20	T	0		12	2		
PRESTON	44.7		69	29	22	27	623	0	15	2.54		.94	20	T	0		12	2		
PRINCESS ANNE	45.0	-.3	73	29	18	27	613	0	16	2.89	-.99	1.30	20	T	0		10	2		
RANDALLSTOWN POL BRKS	42.9		68	23	21	10+	676	0	17	2.95		.80	20	T	0		9	2		
RIDGELY	45.2	1.2	70	29	26	27	608	0	12	2.47	-1.13	.88	20	T	0		9	2		
RIVERDALE	43.9		72	23	20	27	649	0	18	2.83		.73	20	T	0		14	2		
ROCK HALL 3 N	44.0	-.2	66	23+	23	27	645	0	11	2.48	-1.04	.83	20	T	0		10	2		
ROCKVILLE	44.7		70	7	23	10	621	0	13	2.39		.74	14	T	.0	0	12	2		
ROYAL OAK	45.3		67	29+	26	27	605	0	9	2.70		1.05	20	T	0	22	13	2		
SALISBURY	45.9	.2	69	29	22	27	586	0	12	2.56	-1.32	1.14	20	T	0		12	2		
SALISBURY POLICE BRKS	45.3		70	29	19	27	604	0	16	2.92		1.35	20	T	0		12	2		
SALISBURY CAA AIRPORT	44.0		69	29	20	27	647	0	16	2.71		.81	19	T	0	22	13	1		
SALISBURY U S G S	44.3M		71	30	22</															

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
MARCH 1951

Table 2-Continued

Station	Temperature									Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	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 at obsn.	Date	01 or more	50 or more	100 or more
WHALEYSVILLE	44.1		68	7+	20	27	639	0	15	3.41		1.23	20	.0	0		9	3	1
WOODSTOCK COLLEGE	42.4	.7	69	7+	18	27	692	0	19	2.97	-.58	1.86	14	T	0		16	2	0
DISTRICT OF COLUMBIA																			
BRIGHTWOOD DC	44.2		69	24+	26	10		0	9										
DALECARLIA RESERVOIR DC	45.0		70	7+	24	27	613	0	16	3.91		1.90	20	.0	0		13	2	1
NATIONAL ARBORETUM DC	46.3M		71	7+	21	11	570	0	14	3.00		.97	13				11	2	0
U S SOLDIERS HOME D C	43.2		70	8	24	10		0	15	2.78		1.02	20				13	2	1
WASHINGTON WB CITY DC	45.5	2.9	72	7	27	10+	598	0	9	3.17	-.58	1.26	19	.3	0		15	2	1
MARYLAND AND D. C.																			
DELAWARE																			
BRIDGEVILLE	43.6	-.6	72	29	20	27	653	0	17	2.41	-1.40	.92	20	.5	0		9	2	0
DELAWARE CITY REEDY PT	43.7	1.7	64	24	24	11	652	0	12	2.74	-.55	1.05	20	T	0		10	1	1
DOVER	44.5	1.1	71	29	25	10+	629	0	12	3.13	-.90	.99	20	.3	0		9	3	0
GEORGETOWN	43.6		70	29	18	27	656	0	18	2.81		1.42	20	.1	0		10	2	1
LEWES	42.9		66	24	21	27	682	0	14	4.50		1.60	30	.5	0		10	3	2
WILLSBORO																			
NEWARK COLLEGE FARM	41.9	-.8	65	7+	19	27	711	0	19	4.15	-.71	1.53	20	T	0		11	3	2
WILMINGTON WB N CASTLE	41.5		66	23	22	10+	718	0	17	3.76		1.26	19	T	0		13	2	1
WILMINGTON PORTS RESVR	41.4	-.9	63	7+	23	10	724	0	14	4.13	.35	1.74	19	.1	T	21	13	2	1
STATE																			
	43.1	.2								3.17	-.40			.4					

See reference notes following Station Index.

DAILY PRECIPITATION

MARYLAND AND DELAWARE
MARCH 1951

Table 3

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		
ABERDEEN PHILLIPS FLD	.15	-	.08	.23	-	-	T	-	T	-	-	-	.10	.54	T	-	-	-	T	1.10	.15	.03	.01	-	T	-	-	-	T	1.01	.36	T	3.76
ABERDEEN PHILLIPS FLD R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANNAPOLIS U S N ACADEMY	.13	-	.06	.15	.02	-	.03	-	-	-	-	-	.11	.28	-	-	-	.03	.97	.08	T	T	.03	-	.03	-	-	-	.03	.10	.30	-	2.30
BALTIMORE SLEEDS PT	.19	-	.01	.31	T	-	T	-	-	-	-	-	.67	.03	-	-	-	T	.13	1.16	-	T	.05	.06	-	-	-	-	.16	.13	.01	2.91	
BALTIMORE WB AIRPORT	.15	-	.20	.13	T	-	T	-	-	-	-	-	.71	.84	T	-	-	.04	1.34	.07	.03	T	.04	.04	-	-	-	.01	.15	.19	-	3.70	
BALTIMORE WB CITY	.15	-	.22	.15	-	-	-	-	-	-	-	-	.45	.43	-	-	-	-	1.34	.07	-	-	-	.06	-	-	-	.01	.15	.18	-	3.21	
BALTIMORE PARKVILLE	.22	-	.37	-	-	-	-	-	-	-	-	-	.75	.05	-	-	-	-	.15	1.35	T	T	-	-	-	-	-	.30	.20	-	3.39		
BELTSVILLE	.12	T	.28	-	-	-	.01	-	-	-	-	-	.96	.04	-	-	-	-	.02	1.00	-	.07	-	-	-	-	-	.12	.01	.01	2.64		
BELTSVILLE R	.04	-	.05	.06	.02	-	-	-	-	-	-	-	.21	.02	-	-	-	-	1.00	.09	.05	.01	-	-	-	-	-	.13	.17	-	2.59		
BELTSVILLE PLT IND STAI	.12	T	.24	.03	-	-	.02	-	-	-	-	-	.74	.95	.04	-	-	-	.02	1.02	-	.05	.06	-	.05	-	-	.13	T	.15	-	2.83	
BELTSVILLE PLT IND STA2	.12	T	.21	.03	-	-	.02	-	-	-	-	-	.82	.04	-	-	-	-	.03	1.02	-	.08	-	.06	-	-	-	.14	T	.14	2.71		
BELTSVILLE PLT IND STA3	.12	T	.19	.03	-	-	.02	-	-	-	-	-	.60	.05	-	-	-	-	.02	.98	-	.08	-	.06	-	-	-	.15	T	.12	2.42		
BELTSVILLE PLT IND STA4	.12	T	.22	.03	-	-	.02	-	-	-	-	-	.77	.05	-	-	-	-	.02	1.03	-	.07	-	.06	-	-	-	.15	T	.10	2.64		
BELTSVILLE PLT IND STA5	.13	T	.22	.01	-	-	.02	-	-	-	-	-	.73	.04	-	-	-	-	.01	1.04	-	.09	-	.07	-	-	-	.15	T	.14	2.65		
BELTSVILLE PLT IND STA5R	.12	-	.09	.13	.02	-	.02	-	-	-	-	-	.48	.27	-	-	-	.01	.91	.10	.07	.01	-	.06	-	-	.01	.11	.14	-	2.55		
BELTSVILLE PLT IND STA6	.13	T	.20	.03	-	-	.02	-	-	-	-	-	.65	.05	-	-	-	-	.01	1.06	-	.09	-	.07	-	-	-	.15	T	.11	2.57		
BENSON POLICE BRKS	.17	.02	.40	-	-	-	-	-	T	-	-	-	.70	.11	-	-	-	-	.12	1.56	-	.04	-	.10	-	-	-	.38	.25	-	3.85		
BENTLEY SPRINGS	.16	-	.20	.35	-	-	-	-	-	-	-	-	.60	.05	-	-	-	-	.28	.90	-	-	-	.18	-	-	-	.26	.20	.03	3.21		
BETHESDA	.10	-	.08	.15	-	.03	.27	-	-	-	-	-	.52	.05	-	-	-	.01	.53	.07	.02	-	-	-	-	-	-	.15	.11	-	2.09		
BETHESDA NIH	.16	-	.05	.18	-	-	.09	-	-	-	-	-	.15	.62	-	-	-	-	.46	.42	-	.21	-	-	-	-	-	.02	.11	.17	-	2.64	
BLACKWATER REFOGE	-	-	.25	.07	-	-	-	.18	-	-	-	-	.62	-	-	-	-	.06	T	1.26	-	.16	-	-	-	-	-	-	-	.24	-	2.84	
BRIGHTON DAM	.15	-	.24	-	-	-	T	-	-	-	-	-	.85	T	-	-	-	.04	.12	.78	-	.10	-	.08	-	-	-	T	.22	.08	-	2.64	
BROOKDALE	.17	-	.05	.29	.02	-	.34	-	-	-	-	-	.37	.02	-	-	-	T	.66	.72	-	.27	-	.04	-	-	-	T	.10	.18	T	3.84	
BROOKSIDE MANOR	.15	T	.11	.26	-	-	.10	-	-	-	-	-	.01	.83	T	-	-	T	.31	.81	-	.12	-	.05	-	-	-	.06	.07	.08	-	2.96	
BURNT MILLS RESERVOIR	.02	-	.48	.04	-	-	.02	.01	-	-	-	-	.85	.09	-	-	-	-	1.30	-	-	.05	.03	-	-	-	-	.18	T	.12	3.19		
CAMBRIDGE	.05	T	.05	.35	-	-	.10	-	-	-	-	-	.60	.06	-	-	-	.01	.06	1.22	-	.18	-	T	-	-	-	T	.08	.25	-	3.00	
CHARLOTTE HALL	.12	-	.01	.08	.26	-	.04	.04	-	-	-	-	.01	.77	.02	-	-	.01	.29	.86	-	.17	-	.01	-	-	-	T	.08	.07	.09	2.86	
CHELTENHAM	.09	.02	.25	.06	-	-	.02	.12	-	-	-	-	.99	.05	T	-	-	-	.03	1.13	-	.05	.02	-	-	-	-	.06	T	.09	2.98		
CHESTERTOWN	.16	-	.03	.28	-	-	-	-	-	-	-	-	.12	.56	T	-	-	-	.20	.67	T	.08	-	-	-	-	-	T	.23	.38	-	2.69	
CHESWILL BRIDGEPORT	.22	-	.03	.31	-	-	.03	-	T	-	-	-	.04	.89	T	T	-	.03	.35	.61	T	.15	-	.08	T	-	-	T	.01	.56	.58	3.89	
CLEAR SPRING	.20	-	.40	-	-	-	.10	T	-	-	-	-	.07	.90	T	T	-	.06	.89	.07	-	-	-	T	-	-	-	T	.59	1.01	.10	4.39	
COCKEYSVILLE	.23	-	.15	.18	-	-	.01	-	-	-	-	-	.30	.58	.03	-	-	-	1.12	.12	.02	-	.25	-	-	-	-	T	.32	.70	-	4.01	
COLLEGE PARK	.17	-	.32	-	-	-	.02	T	-	-	-	-	.65	-	-	-	-	-	.20	.80	-	.07	-	.09	-	-	-	T	.38	.08	-	2.76	
COLLEGE PARK U OF MD	.15	-	.01	.19	T	-	.02	-	-	-	-	-	.19	.87	-	-	-	-	.13	.83	-	.09	-	.10	-	-	-	.02	.10	.13	-	2.33	
CONOWINGO DAM	.16	-	.09	.31	T	-	.01	T	-	-	-	-	.11	.66	.03	-	-	-	1.07	.37	.05	.02	-	.08	-	-	-	T	.57	.28	-	3.81	
CONOWINGO POLICE BRKS	.05	.02	.06	-	-	-	-	-	-	-	-	-	.08	.02	-	-	-	-	.01	1.50	-	T	.04	-	-	-	-	T	.40	.06	-	2.26	
CRISFIELD	.10	-	.15	.19	-	-	-	.31	-	-	-	-	.15	.19	-	-	-	-	.15	1.18	-	.15	-	.05	-	-	-	-	.05	-	.13	-	2.72
CUMBERLAND	.23	T	.41	T	-	-	.10	-	-	-	-	-	.80	T	-	-	-	-	.05	.70	-	-	-	.08	T	-	-	-	.37	.04	1.24	4.02	
CUMBERLAND POLICE BRKS	.09	.22	.19	-	-	-	-	-	-	-	-	-	.11	.40	T	-	-	.24	.34	.08	-	.15	T	-	-	-	-	.13	.15	1.10	-	3.20	
DALECARLIA RESERVOIR DC	.13	-	.26	.05	-	-	.05	.01	-	-	-	-	.90	-	-	-	-	-	.20	1.90	-	.16	-	-	-	-	-	.10	.08	.03	-	3.91	
DISTRICT HEIGHTS	.13	-	.03	.24	-	-	.05	-	-	-	-	-	.16	.78	T	-	-	T	.01	.56	-	.13	T	.01	-	-	-	.01	T	.10	-	2.21	
DUNDALK	.18	-	.02	.35	-	-	T	-	-	-	-	-	.63	.03	-	-	-	-	.25	1.13	-	.03	-	.06	-	-	-	T	.18	.12	-	2.98	
EASTON POLICE BRKS	.13	T	.02	.08	.13	-	-	-	-	-	-	-	.58	.03	-	-	-	.02	.05	1.05	-	.03	-	.03	-	-	-	-	.13	.25	-	2.70	
EDGEWATER	.20	-	.38	-	-	-	.08	-	-	-	-	-	1.40	.12	-	-	-	-	.08	.96	-	.10	.04	-	-	-	-	.03	.45	.15	.80	4.78	
ELKTON	.18	-	.40	-	-	-	-	-	-	-	-	-	.78	.04	-	-	-	-	.12	1.10	-	.11	-	.10	-	-	-	.03	.59	.20	.18	3.61	
EMMITTSBURG	.28	-	.15	.42	-	-	T	-	T	-	-	-	.52	T	T	-	-	T	.72	.92	-	.35	-	.11	-	-	-	T	.50	.71	.14	4.82	
FALLSTON	.14	-	.30	-	-	-	T	-	T	-	-	-	.82	.08	-	-	-	T	1.08	.28	-	.10	-	.10	-	-	-	T	.30	.20	-	3.12	
FORT GEORGE G MEADE	.24	-	.01	.32	T	-	-	-	-	-	-	-	.15	.05	-	-	-	T	.17	.20	-	.02	-	.17	-	-	-	.02	.17	.22	-	3.45	
FREDERICK POLICE BRKS	.29	-	.02	.17	-	-	.02	-	-	-	-	-	.32	.01	-	-	-	.02	.20	.72	-	.13	-	-	-	-	-	.05	.34	.62	.21	3.12	
FREDERICK WB AIRPORT	.30	-	.01	.22	.01	-	.02	-	-	-	-	-	.46	.03	T	-	-	-	.04	.93	-												

DAILY PRECIPITATION

MARYLAND AND DELAWARE
MARCH 1951

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		
WESTERN PORT	.42		.02	.42			.35						.36					.05	.40	.08		.01							.20	.20	1.18	3.69	
WESTMINSTER	.21		T	.39			T							.57	.06			.03	.18	.72	.24			.05					T	.18	.16	2.79	
WHALEYSVILLE	.08		T	.22										.68					.12	1.23				.13					T	.02	.77	.16	3.41
WHITE HALL	.15			.01	.32									.63	.11				.14	.85		.13	.08						T	.38	.32	3.12	
WILLIAMSPORT	.25				.38				.05					.71	T				.04	.88		.02	.01							.24	.11	.88	3.57
WOODSTOCK COLLEGE	.24	.02	.02	.28			.01							.86	.01			.02	.20	.80		.06		.08					.01	.23	.08	.05	2.97
* DELAWARE																																	
BRIDGEVILLE	.10	T	T	.18										.70	.07			T	.03	.92		.21		.02							.18		2.41
DELAWARE CITY BERRY PT	.06		*	.40										.48					1.05			.08		.10						.14	.12	.31	2.74
DOVER	.07	T	T	.55	.01	T			T				T	.86	.01				.98			.12						T		.10	.42	T	3.13
GEORGETOWN	.05			.11	.02				T					.68	.05				.06	1.42		.10		.01							.31		2.81
LEWES	.07			.29					T					.80	.03				.25	1.10		.11		.18						.07	1.60		4.50
MILLSBORO	.08			.25					T	T				.49					.09	1.09		.08		.02							1.45		3.55
NEWARK COLLEGE FARM	.22	.04		.40										.70	.02				.08	1.53		.06		.10					T	.35	.65	4.15	
WILMINGTON WB N CASTLE R	.20		.12	.28			.02		T				.09	.45	.01				1.26	.21	.04	T		.12					T	.32	.64		3.76
WILMINGTON CITY HALL	.17		*	.44			.04		T					.50	.02					1.87		.07		.09						.21	.31	.57	4.29
WILMINGTON PORTER RESRV	.15		.15	.25			.02		T				.36	.46	T				1.74	.27	.03	.01		.03				T	.38	.56		4.13	

MARYLAND AND DELAWARE
MARCH 1951

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	-	-	-	-	-	-																				
BALTIMORE WB AIRPORT							.06	.08	.01																.15	
BALTIMORE WB CITY						.02	.07	.04	.01	.01															.15	
BELTSVILLE							.01	.03																	.04	
BELTSVILLE PLT IND STAS						.01	.06	.04	.01																.12	
BETHESDA								.07	.02	.01															.10	
COCKEYSVILLE							.10	.08	.02	.03															.23	
GLEN ECHO							.05	.03	.01																.09	
GRANTSVILLE				.10	.08	.02																			.20	
LEONARDTOWN 4 SSW							.01	.08	.04	.01								.01							.15	
LUKE				.04	.27	.04	.01	.01																	.37	
NEW GERMANY				.06	.03	.01																			.10	
SALISBURY CAA AIRPORT	6								*	*	*	*	*	.06											.21	
SAVAGE RIVER DAM							.14	.07																	.40	
SHARPTOWN																									.31	
SINES DEEP CREEK				.02	.05	.17	.09	.07																	.13	
UNIONVILLE							.09	.15	.04	.02	.01															
WASHINGTON WB CITY DC								.03	.08	.01	.01															
-2d-																										
MARYLAND																										
SINES DEEP CREEK																							.01		.01	
-3d-																										
MARYLAND																										
BALTIMORE WB AIRPORT																		.02	.06	.02	.02	.04	.04		.20	
BALTIMORE WB CITY																	.01	.01	.02	.03	.01	.03	.07	.04	.22	
BELTSVILLE																			.01	.01	.01	.01	.01	.01	.05	
BELTSVILLE PLT IND STAS																			.01	.02	.03	.01	.02	.03	.09	
BETHESDA																			.01	.02	.01	.02	.02	.08	.08	
COCKEYSVILLE																			.01	.02	.03	.01	.04	.07	.15	
GLEN ECHO	.01	.01	.01																.01	.03	.01	.02	.06	.13		
GRANTSVILLE																										
LEONARDTOWN 4 SSW									.01	.01							.03		.10	.07	.01	.03	.04	.03	.36	
LUKE									.01	.01							.02	.03	.06	.10	.02	.01	.01	.01	.28	
NEW GERMANY																	.01	.04	.02	.02		.01	.01	.10		
SALISBURY CAA AIRPORT	6																.01	.06	.01		.15	.06	.01	.02	.39	
SAVAGE RIVER DAM									.01	.02							.01	.06	.01		.02	.01	.02	.04	.36	
SINES DEEP CREEK									.04								.03	.04	.02	.10	.01	.02	.05	.05	.36	
UNIONVILLE																	.01	.01	.01	.03	.02	.01	.01	.02	.25	
WASHINGTON WB CITY DC																									.16	
-4th-																										
MARYLAND																										
BALTIMORE WB AIRPORT	.06	.03	.02						.01	.01															.13	
BALTIMORE WB CITY	.08	.05	.02																						.15	
BELTSVILLE	.03	.02	.01																						.06	
BELTSVILLE PLT IND STAS	.06	.03	.01		.01		.01		.01																.13	
BETHESDA	.07	.04	.02																.02						.15	
COCKEYSVILLE	.08	.07	.03																						.18	
GLEN ECHO	.02	.04	.02		.01				.01		.01														.11	
GRANTSVILLE	.04	.03	.03	.01	.04	.05			.01	.01		.01		.01	.01		.01							.23		
LEONARDTOWN 4 SSW	.01	.01	.07									.02	.01	.01	.01		.01							.15		
LUKE	.01	.01	.02	.03			.01	.07				.01	.01	.01	.01		.01							.20		
NEW GERMANY	.01	.07	.02	.01		.01	.07					.01													.10	
SALISBURY CAA AIRPORT	6	* .08	*	*	*	*	*	.01	*	*	*	*	*	.05	*	*	*	*	*	.01					.29	
SAVAGE RIVER DAM	.01	.01	.03	.04	.01																			.10		
SINES DEEP CREEK	.04	.04	.06	.05	.03	.03	.03	.01																.29		
UNIONVILLE	.06	.02																						.08		
WASHINGTON WB CITY DC	.05	.03	.01					.01				.01												.11		
-5th-																										
MARYLAND																										
ABERDEEN PHILLIPS FLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BELTSVILLE		.01	.01																						.02	
BELTSVILLE PLT IND STAS																									.02	
GLEN ECHO	.03	.02	.01																						.06	
LEONARDTOWN 4 SSW			.02	.02	.01		*	*	*		.01														.05	
SALISBURY CAA AIRPORT	6		.04	*																					.04	
WASHINGTON WB CITY DC																										
-6th-																										
MARYLAND																										
BETHESDA	.02	.01																							.03	
GLEN ECHO									.02	.01	.01														.04	
GRANTSVILLE												.01	.01												.02	
LUKE												.01	.01												.02	
SAVAGE RIVER DAM												.03													.03	
-7th-																										
MARYLAND																										
BELTSVILLE PLT IND STAS	*	*	*	*	*	*	.02	*	.06	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.21	.02
BETHESDA																									.27	
COCKEYSVILLE		.01						.01	.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.01	
GLEN ECHO								.01	.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.15	
GRANTSVILLE						.09	.20	.05	.01			.03	.01	.01			.01	.01	.05					.39		
LEONARDTOWN 4 SSW							.01	.01	.03															.13		
LUKE				.01	.06	.01	.01	.17	.01															.29		
NEW GERMANY		.04	.03		.02		.04	.25																.38		
SALISBURY CAA AIRPORT	6						.09	.21	.04	.01														.35		
SAVAGE RIVER DAM							.01	.13	.01															.48		
SINES DEEP CREEK		.01	.04			.04	.24																	.02		
UNIONVILLE											.01	.01												.13		
WASHINGTON WB CITY DC							.05	.02				.01						.04								

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

MARYLAND AND DELAWARE
MARCH 1951

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			
DELAWARE WILMINGTON WB N CASTLE		6														*	*	*	*	*	.02							
																-8th-												
MARYLAND SALISBURY CAA AIRPORT SHARPTOWN		6	*	.04																								
MARYLAND ABERDEEN PHILLIPS FLD																												
MARYLAND BALTIMORE WB AIRPORT BALTIMORE WB CITY BELTSVILLE BELTSVILLE PLT IND STA5 BETHESDA COCKEYSVILLE GLEN ECHO GRANTSVILLE LEONARDTOWN 4 SSW LUKE NEW GERMANY SALISBURY CAA AIRPORT SAVAGE RIVER DAM SHARPTOWN SINES DEEP CREEK UNIONVILLE WASHINGTON WB CITY DC		6																		.04	.09	.14	.20	.05	.19	.71		
																				.02	.05	.09	.12	.04	.13	.45		
																				.13	.09	.04	.07	.13	.21	.74		
																				.11	.05	.05	.07	.05	.15	.48		
																				.02	.01	.07	.15	.04	.10	.08	.05	.52
																				.01	.03	.14	.09	.03		.30		
																				.19	.01	.09	.07	.11	.15	.62		
																.02	.01	.01	.01	.02	.01	.01	.02	.01	.01	.15		
																			.04	.09	.08	.08	.21	.18	.03	.71		
									.01							.03	.08	.06	.02	.12	.18	.18	.11	.22	.12	.11	1.24	
																.01	.03	.05	.01	.11	.08	.09	.06	.05		.50		
SALISBURY CAA AIRPORT SAVAGE RIVER DAM SHARPTOWN SINES DEEP CREEK UNIONVILLE WASHINGTON WB CITY DC		6											*	*	*	*	*	*	*	*	*	*	*	*	*	*		
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Table 4--Continued

HOURLY PRECIPITATION

MARYLAND AND DELAWARE
MARCH 1951

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		
DELAWARE																											
WILMINGTON WB N CASTLE	6															*	*	*	*		.15	*	*	*	*		
		-20th-																									
MARYLAND																											
ABERDEEN PHILLIPS FLD		.06	.02	.05																						.13	
BALTIMORE WB AIRPORT		.01	.03	.03																						.07	
BALTIMORE WB CITY		.03	.01	.03																						.07	
BELTSVILLE		.01	.05	.03																						.09	
BELTSVILLE PLT IND STA5		.03	.04	.01			.01	.01																		.10	
BETHESDA			.04															.03								.07	
COCKEYSVILLE		.04	.03	.02				.01																	.03	.12	
GLEN ECHO		.03	.02	.01																						.07	
LEONARDTOWN 4 SSW		.14	.02	.01	.01																					.18	
NEW GERMANY										.06	.02				.02	.03		.03								.16	
SALISBURY CAA AIRPORT	6	*	.79	*	*	*	*	*	.24																	.08	
SAVAGE RIVER DAM		.02	.06																							.46	
SHARPTOWN		.23	.15	.06					.02																	.03	
UNIONVILLE		.01	.02																							.08	
WASHINGTON WB CITY DC		.03	.04	.01																							
DELAWARE																											
WILMINGTON WB N CASTLE	6	*	1.15	*	*	*	*	*	.17																		
		-21st-																									
MARYLAND																											
ABERDEEN PHILLIPS FLD		.01																					.01	.01	.01	.01	
BALTIMORE WB AIRPORT																								.02	.03	.05	
BELTSVILLE																							.03	.03	.01	.07	
BELTSVILLE PLT IND STA5																										.02	
BETHESDA																										.02	
COCKEYSVILLE		.01	.01																							*	
GLEN ECHO																		*	*	*	*	*	*	*	*	*	
GRANTSVILLE																				.01					.08	.04	
LEONARDTOWN 4 SSW										.01					.01											.11	
LUKE																										.02	
SALISBURY CAA AIRPORT	6																				*	*	*	*	*	.14	
SHARPTOWN																										.09	
SINES DEEP CREEK																		.01	.04	.05	.04					.14	
UNIONVILLE		.06	.03																		.03	.08		.03	.05	.06	.03
WASHINGTON WB CITY DC		.01	.01	.01		.01																				.14	
DELAWARE																											
WILMINGTON WB N CASTLE	6	*	.04																								
		-22d-																									
MARYLAND																											
BELTSVILLE		.01				.01	*	*	*	*	*	*	.12													.01	
BELTSVILLE PLT IND STA5		*	*	*	*	*	*	*	*	*	*	*	*													.01	
GLEN ECHO		.01	.02	.01																						.12	
LEONARDTOWN 4 SSW	6	*	.07	*	*	*	*	*	.01																	.04	
SALISBURY CAA AIRPORT																											
SAVAGE RIVER DAM																											
SHARPTOWN		.06	.03																							.09	
SINES DEEP CREEK																										.02	
UNIONVILLE		.01	.01	.01		.01										.01										.03	
DELAWARE																											
WILMINGTON WB N CASTLE	6	*	.04																								
		-23d-																									
MARYLAND																											
BALTIMORE WB AIRPORT								.01	.03																	.04	
		-24th-																									
MARYLAND																											
BALTIMORE WB CITY								.02	.04																	.06	
BELTSVILLE PLT IND STA5								.05	.01																	.06	
COCKEYSVILLE								.04					.21													.25	
GRANTSVILLE																		.01	.01	.02						.04	
LUKE					.08	.01	.06			.01																.16	
NEW GERMANY					.08	.01				.01																.29	
SALISBURY CAA AIRPORT	6									*	.03	.05	.04	.05	.01	.01	*	*	*	*	.03						
SINES DEEP CREEK				.02	.06	.14	.01						.01													.24	
WASHINGTON WB CITY DC								.02	.02																	.04	
DELAWARE																											
WILMINGTON WB N CASTLE	6	*	*	*	*	*	*	.02	*	*	*	*	*	.10													
		-28th-																									
MARYLAND																											
ABERDEEN PHILLIPS FLD		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALTIMORE WB AIRPORT																.01								.01		.01	
BALTIMORE WB CITY																										.01	
BELTSVILLE PLT IND STA5																										.01	
LEONARDTOWN 4 SSW																										.01	
SINES DEEP CREEK																										.09	
WASHINGTON WB CITY DC													.01	.01		.03	.04	.01								.01	
		-29th-																									
MARYLAND																											
BALTIMORE WB AIRPORT		.01	.01		.02	.01	.02	.03	.01	.03														.01		.15	
BALTIMORE WB CITY					.01	.01	.01	.02	.04	.04	.01												.01			.15	
BELTSVILLE		.01		.01		.05	.01	.01	.02	.02			.02													.13	
BELTSVILLE PLT IND STA5				.01	.02	.01	.02	.02		.03																.11	
BETHESDA		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.15	
COCKEYSVILLE			.01	.01	.02	.01	.04	.06	.04	.01	.02	.01											.05	.04		.32	
GLEN ECHO		.01	.02		.01	.01	.01			.01			.01	.01	.01	.02										.11	
GRANTSVILLE																										.06	
LEONARDTOWN 4 SSW		.01			.01			.03	.05	.05	.03			.01	.01	.01	.01		.01	.01						.04	
LUKE								.03	.05	.02	.07	.01			.01	.06										.20	
NEW GERMANY		.01	.01																							.27	
SALISBURY CAA AIRPORT	6	*	*	*	*	*	*	*	.01	*	*	*	*	*	*	.01										.05	
SHARPTOWN							.01	.03	.01																	.30	
SINES DEEP CREEK		.01	.02		.01	.03	.05	.10	.06	.02																.21	
UNIONVILLE		.01	.01			.04	.04	.04	.04	.02	.01															.21	
WASHINGTON WB CITY DC			.01		.01	.01	.01	.01					.01													.05	
DELAWARE																											
WILMINGTON WB N CASTLE	6	*	*	*	*	*	*	.10	*	*	*	*	*	.11	*	*	*	*	*	.06	*	*	*	*	*	*	

Table 4-Continued

HOURLY PRECIPITATION

MARYLAND AND DELAWARE
MARCH 1951

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		
-30th-																										
MARYLAND																										
BALTIMORE WB AIRPORT												.01			.06	.01	.05	.05		.01					.19	
BALTIMORE WB CITY												.01			.05	.07	.04	.01							.18	
BELTSVILLE															.01	.02	.14								.17	
BELTSVILLE PLT IND STAS															.04	.01	.08			.01					.14	
BETHESDA		.01														.01	.02	.01		.05	.01				.17	
COCKEYSVILLE		.01	.02																						.70	
GLEN ECHO										.01		.02	*	*	*	*	*	.65							.17	
GRANTSVILLE										.29	.04	.09	.20	.16	.06			.06	.02						.84	
LEONARDTOWN 4 SSW													.01	.28	.01										.30	
LUKE									.16	.32	.07	.15	.20	.03	.01		.01								.95	
NEW GERMANY									.37	.14	.12	.25	.17	.04	*	.01									1.17	
SALISBURY CAA AIRPORT	6	*	*	*	*	*	*	.01	*	*	*	*	*	.03	*	*	*	*	.07		.35					.11
SHARPTOWN														.01	.03		.06	.01							.78	
SINES DEEP CREEK						.01	.01	.01	.35	.09	.08	.10	.08	.04	.01	.17	.01	.10							.44	
UNIONVILLE													.06	.10		.02	.01		.10						.08	
WASHINGTON WB CITY DC										.01	.01		.03													
DELAWARE																										
WILMINGTON WB N CASTLE	6	*	.07											*	*	*	*	*	.42	*	*	*	*	*		
-31st-																										
MARYLAND																										
ABERDEEN PHILLIPS FLD		-	-	-	-	-	-	-	-	.06	.01	.01	-	-	-	-	-	-	-	-	-	-	-	-	.08	
NEW GERMANY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SAVAGE RIVER DAM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DELAWARE																										
WILMINGTON WB N CASTLE	6	*	.20																							

See reference notes following Station Index.

DAILY TEMPERATURES

MARYLAND AND DELAWARE
MARCH 1951

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	
ABERDEEN PHILLIPS FLD	MAX	42	57	40	47	55	53	61	60	44	41	46	55	44	43	44	47	49	47	48	48	56	41	65	61	49	44	54	55	65	66	67	51.4
	MIN	36	34	35	40	34	29	38	33	31	25	27	31	30	35	34	34	33	31	40	35	33	24	27	37	27	31	23	41	48	48	36	33.5
ANNAPOLIS U S N ACADEMY	MAX	44	60	42	46	52	50	58	51	47	42	45	48	44	44	46	47	49	45	51	51	47	43	58	64	49	46	49	51	56	49	56	49.6
	MIN	37	37	37	39	39	36	44	39	32	27	29	33	36	34	32	38	35	35	39	35	32	28	35	37	35	31	26	43	46	49	45	36.1
BALTIMORE SLEDSD PT	MAX	46	59	58	47	55	57	70	61	56	42	46	51	50	44	47	45	49	47	45	49	64	49	70	65	50	51	58	60	64	63	63	54.2
	MIN	36	32	36	38	38	30	38	35	36	26	25	34	33	35	30	35	34	34	38	33	33	26	30	45	31	30	26	41	51	55	42	35.0
BALTIMORE WB AIRPORT	MAX	44	60	42	49	57	56	70	61	46	43	47	55	44	45	46	47	50	45	48	48	56	43	70	64	50	47	57	56	64	63	62	52.8
	MIN	37	34	36	41	35	31	41	32	30	25	24	30	33	33	30	34	33	30	39	33	32	26	29	36	31	29	24	41	50	46	42	33.8
BALTIMORE WB CITY	MAX	45	60	41	49	57	55	70	61	47	43	46	53	45	45	46	48	50	46	49	51	55	44	70	65	51	47	56	56	63	63	62	52.9
	MIN	37	37	36	40	41	37	45	42	31	27	28	33	36	34	33	38	37	36	42	34	33	27	36	38	36	31	36	45	53	49	45	37.2
BALTIMORE PARKVILLE	MAX	46	58	55	46	56	53	64	61	55	41	45	55	49	43	44	46	49	47	45	49	54	49	66	63	49	46	54	52	61	61	62	52.4
	MIN	35	34	34	36	34	31	41	34	33	24	26	30	30	30	31	35	34	30	38	31	33	24	38	43	30	27	27	39	49	56	43	34.2
BELTSVILLE	MAX	49	44	62	42	47	49	58	70	60	45	42	47	54	45	41	46	48	50	45	49	49	59	44	70	62	50	46	59	54	68	66	52.3
	MIN	32	29	32	37	32	27	31	29	31	21	23	26	27	34	29	32	29	25	30	30	29	27	26	34	32	27	17	31	45	52	34	30.3
BELTSVILLE PLT IND STA1	MAX	48	44	62	42	48	59	59	70	59	45	42	47	55	46	37	47	48	48	45	49	49	59	44	70	61	51	46	60	57	68	67	52.6
	MIN	32	27	35	36	31	26	34	28	27	22	20	28	26	32	27	27	29	23	35	29	27	24	21	38	29	26	18	38	47	53	33	29.9
BELTSVILLE PLT IND STA2	MAX	48	44	62	42	48	59	58	71	59	45	43	47	55	46	40	47	48	48	45	49	49	59	45	70	62	51	46	59	56	68	67	52.8
	MIN	31	28	36	37	31	25	34	26	26	21	22	27	25	31	28	27	28	23	36	30	28	25	21	40	29	27	18	36	47	54	32	30.0
BELTSVILLE PLT IND STA3	MAX	48	44	62	42	48	59	58	70	59	45	43	47	54	45	40	47	48	48	45	48	49	59	45	70	63	51	46	59	56	68	66	52.7
	MIN	35	28	36	37	33	29	34	31	29	23	23	29	29	35	28	33	32	25	36	30	29	24	24	39	30	27	19	39	48	53	37	31.7
BELTSVILLE PLT IND STA4	MAX	47	46	62	41	47	58	58	70	58	45	42	46	54	44	39	46	48	48	45	48	48	58	44	70	61	50	45	58	56	68	67	52.2
	MIN	35	30	35	36	35	30	34	33	33	23	23	28	31	35	29	33	33	28	35	29	31	24	27	41	31	27	22	40	48	53	40	32.6
BELTSVILLE PLT IND STA5	MAX	49	45	62	42	48	58	58	70	59	45	42	46	53	46	41	47	49	48	46	49	49	59	45	70	62	51	46	59	56	68	67	52.7
	MIN	30	22	36	37	30	25	32	27	25	21	17	25	24	30	27	26	27	22	36	30	26	24	20	44	27	26	17	36	46	54	31	29.0
BELTSVILLE PLT IND STA6	MAX	48	45	62	41	47	58	59	70	59	46	42	46	53	45	40	47	49	48	45	49	49	59	45	70	62	51	46	59	56	68	67	52.6
	MIN	35	30	36	37	36	31	37	34	33	23	23	29	30	29	29	35	33	28	36	30	31	24	20	44	27	26	17	36	46	54	42	32.3
BENSON POLICE BRKS	MAX	46	56	54	45	58	59	62	61	56	48	44	53	53	47	47	46	48	47	47	47	54	53	62	62	47	46	51	51	60	61	62	52.7
	MIN	31	30	33	35	30	25	35	34	30	21	25	30	22	37	28	30	32	25	37	31	30	22	24	46	26	23	17	37	47	56	35	31.3
BENTLEY SPRINGS	MAX	41	55	44	42	52	53	68	59	50	40	43	52	45	42	42	46	47	46	43	45	55	48	65	60	50	43	55	51	60	60	58	50.3
	MIN	33	27	32	34	28	29	37	30	29	20	23	26	27	35	27	35	32	23	36	29	28	20	22	44	26	20	18	34	48	54	35	30.4
BETHESDA NIH	MAX	44	61	54	47	58	58	71	61	49	43	45	53	45	45	46	47	47	44	45	48	59	50	70	66	51	45	59	56	69	68	62	53.7
	MIN	37	30	37	38	32	30	47	35	34	24	25	28	30	34	32	37	33	37	30	30	24	27	40	34	28	22	44	52	48	54	39	33.7
BLACKWATER REFUGE	MAX	46	58	58	48	54	52	64	64	48	40	41	49	48	46	44	48	46	44	45	52	48	46	60	61	53	45	49	54	60	58	58	51.2
	MIN	32	36	38	40	39	29	44	35	33	24	28	30	28	38	30	32	30	32	30	44	44	47	60	61	48	30	31	24	40	49	54	35
BRIGHTON DAM	MAX	47	58	57	46	56	58	67	67	57	41	44	52	52	45	46	46	47	49	44	47	58	56	69	68	49	52	58	67	66	61	54.5	
	MIN	30	29	35	37	31	24	34	27	29	23	20	30	26	33	27	30	34	22	36	31	28	25	21	45	26	24	18	35	47	55	33	30.5
BRIGHTWOOD DC	MAX	49	44	61	42	47	56	57	67	57	48	42	45	51	45	41	48	48	48	45	48	48	58	45	69	63	50	46	58	57	69	69	52.3
	MIN	39	37	38	39	38	32	35	40	38	26	27	31	34	37	33	37	35	33	38	31	35	27	31	43	35	30	29	45	49	56	42	36.1
BROOKSIDE MANOR	MAX	46	64	54	48	60	60	69	64	54	43	47	56	49	45	48	51	49	46	45	50	61	53	71	67	53	47	60	57	71	68	64	55.5
	MIN	36	31	38	38	35	30	39	33	30	25	26	30	30	36	31	33	34	27	38	31	31	27	26	40	33	30	23	44	50	55	38	33.8
CAMBRIDGE	MAX	52	60	49	55	54	57	67	57	47	41	43	50	47	49	49	50	49	51	48	50	55	46	65	68	51	44	55	60	68	64	62	53.6
	MIN	36	36	39	38	35	28	44	34	33	27	28	32	28	37	29	33	33	31	34	34	40	27	27	46	33	31	23	41	52	52	37	34.8
CHARLOTTE HALL	MAX	48	66	62	55	56	59	70	68	51	43	47	51	50	47	51	51	50	46	46	50	55	50										

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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		
FALLSTON	MAX MIN	46 31	56 27	51 29	45 32	55 30	54 26	63 37	61 32	55 30	40 19	45 20	54 26	51 26	41 32	44 26	47 28	50 28	47 25	46 34	48 27	54 29	48 19	63 25	62 41	49 23	47 21	53 23	51 36	60 46	62 53	60 34	51.9 29.5
FORT GEORGE G MEADE	MAX MIN	46 31	60 26	55 34	57 35	47 28	59 33	57 25	70 30	68 28	59 21	43 20	47 25	56 25	55 32	45 26	44 30	51 29	50 21	49 34	44 28	51 26	49 22	59 24	54 24	71 41	69 33	52 21	58 36	65 48	65 51	55 35	55.5 29.1
FREDERICK POLICE BRKS	MAX MIN	47 33	60 27	57 34	45 34	55 29	58 28	69 38	64 31	57 32	43 21	45 18	51 24	51 28	43 32	46 29	45 36	48 33	48 25	42 35	47 27	58 29	54 24	68 44	66 41	48 33	48 21	59 37	58 21	66 49	66 37	61 27	54.0 30.6
FREDERICK WB AIRPORT	MAX MIN	49 33	57 30	59 36	44 36	52 31	55 26	66 39	58 28	69 42	44 23	48 22	49 29	53 32	43 27	45 30	46 38	45 35	46 38	47 34	43 26	45 29	56 30	58 24	64 22	68 48	50 34	49 21	57 19	59 37	63 49	65 37	53.7 32.1
FRIENDSVILLE	MAX MIN	63 37	55 26	49 37	50 38	61 25	70 44	63 28	52 31	46 26	38 13	43 19	51 32	48 27	35 26	35 27	33 26	37 30	37 22	40 33	40 20	51 19	39 25	69 23	62 30	40 28	43 17	62 37	55 42	70 49	64 37	55 42	50.2 28.5
FROSTBURG	MAX MIN	61 33	58 34	51 32	49 33	54 27	65 32	65 44	52 28	46 27	38 15	43 21	48 29	42 25	33 25	37 28	33 25	39 26	34 28	35 26	38 19	48 23	37 17	66 26	61 28	40 26	41 28	57 21	54 41	61 47	60 41	54 34	48.4 28.2
GERMANTOWN	MAX MIN	47 38	60 29	52 35	56 34	60 33	61 38	70 38	65 38	57 38	42 22	45 24	53 28	56 33	50 28	41 32	44 32	47 32	41 32	42 37	47 28	58 30	44 23	68 30	57 39	50 33	46 25	58 24	60 40	62 42	68 41	53.7 32.7	
GLENN DALE BELL STA	MAX MIN	47 32	63 29	60 36	47 38	59 31	59 26	70 39	69 27	59 27	42 22	47 26	54 28	45 30	47 28	50 29	46 30	45 23	52 33	59 29	56 25	70 23	68 25	51 23	51 48	59 28	57 18	67 40	67 49	67 53	66 34	56.0 30.9	
GRASONVILLE	MAX MIN	45 35	55 35	54 37	50 36	56 36	55 30	65 45	63 35	48 38	42 28	46 29	52 34	51 29	47 38	50 35	52 33	50 30	45 38	47 30	55 35	55 35	50 28	65 28	64 43	52 34	49 31	56 24	56 43	68 51	67 59	61 52	53.9 36.0
GREENBELT	MAX MIN	49 32	44 30	62 35	43 37	47 32	59 26	59 31	69 30	59 32	45 24	43 23	47 26	55 27	45 32	40 29	46 31	48 30	49 24	45 32	51 28	61 25	45 23	71 30	63 29	52 28	46 17	60 26	57 42	69 37	52.6 29.3		
HAGERSTOWN	MAX MIN	46 35	57 28	51 35	44 33	55 33	56 32	68 39	58 32	52 42	45 22	52 22	47 33	42 31	42 31	43 37	47 34	42 28	41 35	47 26	52 33	56 24	62 31	67 40	65 33	47 40	45 33	58 23	57 41	64 43	67 49	52.1 32.4	
HANCOCK FRUIT LAB	MAX MIN	47 34	52 25	61 33	39 35	47 36	60 36	63 45	71 35	58 28	43 21	43 19	55 24	39 31	42 31	49 36	45 34	43 29	40 27	40 25	47 21	57 20	72 29	51 20	47 29	41 33	61 16	56 24	65 39	65 52	61 38	50.9 28.1	
HUNTINGTOWN	MAX MIN	44 36	64 33	61 38	47 38	54 33	56 31	69 44	58 35	52 34	42 24	47 25	51 28	49 30	46 36	48 28	49 33	49 28	41 37	45 31	53 34	55 25	61 30	69 45	58 29	68 45	52 29	65 31	68 42	50 53	64 38	54.3 34.1	
KEEDYSVILLE	MAX MIN	50 35	63 25	50 25	45 35	60 34	58 35	69 46	63 39	53 28	48 22	50 24	55 29	49 24	42 34	44 31	42 37	51 33	44 24	42 36	48 30	56 25	53 29	69 68	66 50	58 35	50 22	60 51	65 54	63 49	61 38	54.0 31.9	
LA PLATA	MAX MIN	61 38	58 40	50 41	46 40	58 30	60 32	69 33	55 33	53 34	44 26	48 28	52 24	51 36	44 28	50 30	50 28	45 30	48 34	46 30	56 36	56 25	65 29	71 51	71 26	62 22	64 50	65 41	72 52	69 49	68 34	56.6 33.7	
LEONARDTOWN 4 SSW	MAX MIN	47 37	64 36	62 40	47 41	58 39	58 29	70 44	64 35	56 32	45 26	50 27	53 30	48 30	49 38	54 31	51 35	47 34	47 28	53 34	57 35	47 28	70 28	65 28	58 55	57 26	57 33	59 23	62 42	64 52	63 54	55.9 35.3	
LISBON	MAX MIN	43 31	57 29	47 33	43 34	54 26	55 30	69 36	62 35	53 40	40 20	44 30	52 21	49 26	42 31	45 27	48 32	46 25	43 29	42 27	58 28	49 22	68 33	63 41	48 32	44 22	57 30	52 36	63 46	64 51	61 37	51.9 29.7	
MIDDLE RIVER	MAX MIN	44 38	56 34	52 37	47 38	53 36	52 33	59 43	58 36	52 37	41 28	44 29	53 33	50 34	44 36	47 33	47 36	49 35	46 31	47 40	53 34	47 28	63 36	63 45	49 43	45 34	53 29	53 40	62 49	62 52	62 44	51.6 36.2	
MILLINGTON	MAX MIN	46 34	58 37	55 35	45 38	58 32	60 27	65 41	62 30	54 32	43 25	50 27	56 30	51 29	46 38	50 32	52 34	53 29	51 25	48 40	55 35	56 33	49 25	67 45	65 34	52 27	51 45	58 20	58 39	70 54	66 60	55 41	55.3 34.0
NATIONAL ARBORETUM DC	MAX MIN	48 37	64 32	63 37	48 41	60 36	62 42	71 35	69 35	59 25	43 21	47 27	54 36	48 30	49 35	50 30	50 32	52 37	50 30	62 32	57 25	71 41	52 30	51 41	52 32	29 29	24 42	51 42	68 51	68 56	58.2 34.4		
NEW GERMANY	MAX MIN	42 28	59 28	52 29	41 31	47 22	55 24	66 30	60 26	48 25	28 12	34 12	39 16	48 22	39 25	48 33	28 30	33 28	30 22	32 25	29 23	34 17	36 15	46 14	63 17	38 32	36 18	58 14	49 23	60 42	54 32	44.2 24.0	
OAKLAND	MAX MIN	60 34	56 27	50 35	46 42	58 23	64 28	63 38	50 27	42 25	37 13	42 18	57 29	45 23	31 24	32 24	30 22	35 17	33 31	36 17	45 23	35 15	66 20	60 27	38 24	40 15	59 15	56 40	66 48	63 40	53 33	47.9 26.1	
OCEAN CITY	MAX MIN	47 39	61 36	42 39	46 40	52 36	53 40	52 33	54 31	43 26	48 21	49 27	45 34	45 36	49 35	53 34	52 37	51 34	51 38	49 37	42 29	51 37	58 38	62 34	51 38	82 45	45 32	46 28	55 42	53 45	60 47	50.9 35.9	
OWINGS FERRY LANDING	MAX MIN	44 35	66 32	53 37	47 39	55 37	58 29	71 44	61 36	50 35	45 23	49 24	53 27	47 30	47 36	49 38	51 36	52 30	44 27	47 31	53 37	56 34	70 32	70 29	52 42	49 30	57 30	58 40	69 51	67 53	64 38	55.0 33.7	
OXFORD	MAX MIN	46 36	55 36	55 38	46 39	52 38	53 30	65 43	63 38	49 37	43 29	43 38	50 31	50 38	45 33	49 36	51 38	48 34	44 33	46 36	56 38	54 36	48 31	66 45	61 35	46 45	46 32	52 29	57 41	65 51	62 56	61 44	52.5 36.6
PICARDY	MAX MIN	59 35	60 36	55 34	46 35	58 29	62 32	68 36	58 30	48 31	40 19	47 16	52 22	49 34	36 30	48 30	45 34	39 35	39 45	39 37	44 35	68 36	43 22	70 24	67 35	45 32	42 22	60 20	58 45	63 50	64 38	52.3 31.7	
PIKESVILLE	MAX MIN	46 33	58 30	53 29	47 37	58 33	67 27	68 35	66 36	56 32	41 21	45 20	52 27	43 33	44 38	48 33	46 30	44 35	46 39	50 35	47 29	57 32	50 21	67 32	63 48	42 31	54 24	57 37	62 48	61 51	53.0 31.7		

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Table 5-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	
SALISBURY U S G S	MAX	50	51	63	53	48	55	60	62	56	50	47	47		52	47	49	53	49	50	56	47	53	50	67	66	52	50		62	71	64	54.5
	MIN	35	38	38	42	39	27	37	36	33	26	26	29		29	31	34	30	30	39	38	23	28	28	49	32	33	22		40	57	40	34.1
SINES DEEP CREEK	MAX	60	54	45	48	56	66	62	59	31	34	40	51	37	34	34	32	35	34	37	37	48	35	66	59	59	38	49	59	69	52	52	47.5
	MIN	33	26	35	35	24	28	34	29	19	14	11	19	30	24	24	25	24	20	30	19	20	17	22	28	28	25	14	17	37	39	33	25.3
SNOW HILL 1 NE	MAX	50	62	45	53	54	54	66	59	51	42	47	48	48	48	48	54	49	47	49	55	50	44	62	62	52	45	52	59	68	60	62	53.1
	MIN	34	38	41	42	40	28	38	38	32	26	26	30	28	40	30	32	31	27	40	40	31	29	26	51	28	30	21	41	51	54	37	34.8
SOLOMONS	MAX	46	65	53	47	55	55	69	55	50	43	45	52	45	48	50	52	50	47	47	53	53	47	68	68	53	47	53	57	63	62	63	53.6
	MIN	40	37	41	42	41	34	45	40	39	28	29	32	36	39	32	36	34	34	39	35	39	29	35	49	33	34	31	44	48	51	39	37.6
TAKOMA PARK MISS AVE	MAX	46	62	56	48	57	59	67	63	55	42	45	52	50	45	48	49	48	45	44	48	62	54	71	66	51	47	60	56	69	67	63	54.7
	MIN	37	32	37	38	35	31	40	36	34	24	25	29	31	35	29	35	33	28	37	30	32	25	27	42	32	28	24	43	50	55	38	33.9
TONOLOWAY	MAX	53	61	60	58	59	63	69	59	53	42	46	54	48	39	42	41	48	46	40	45	56	54	70	67	45	45	61	58	65	64	59	53.9
	MIN	37	31	34	35	32	28	41	28	34	20	20	26	29	35	32	36	34	24	35	28	27	25	23	37	33	20	18	37	48	48	39	31.6
TOWSON	MAX	48	57	57	47	57	56	67	66	57	42	46	55	53	44	45	52	57	47	45	49	54	52	69	64	48	50	55	53	61	62	61	54.1
	MIN	31	27	31	33	28	27	39	32	31	21	22	26	29	33	27	31	30	24	35	28	28	21	25	35	29	23	19	39	50	57	42	30.7
UNIONVILLE	MAX	44	58	44	44	57	57	70	58	51	42	45	55	43	42	44	43	48	44	44	48	58	43	68	63	49	47	59	55	63	64	60	51.9
	MIN	32	28	35	35	31	25	38	27	32	22	20	26	26	33	29	37	33	22	36	29	29	24	24	39	33	20	19	39	49	54	35	31.0
U S SOLDIERS HOME D C	MAX	49	45	64	42	47	58	59	70	60	47	43	46	53	53	39	42	49	48	46	48	50	58	45	68	65	51	44	58	57	68	67	52.9
	MIN	37	35	36	37	36	30	33	37	35	24	25	29	32	34	29	32	33	30	35	29	32	24	28	39	32	28	27	37	47	55	40	33.5
VIENNA	MAX	50	62	52	52	58	57	66	66	66		51	50	50	49	53	52	49	50	58	52	53	62	63	52	46	54	59	69	65	66	56.3	
	MIN	36	38	41	42	39	29	35	35	35	26	27	29	28	40	32	35	32	30	40	36	36	28	30	46	33	33	24	32	42	49	38	34.7
VIERS MILL	MAX	45	62	55	47	57	57	70	62	54	42	45	54	50	44	45	47	48	45	43	48	58	52	69	66	50	49	58	56	68	67	62	54.0
	MIN	35	30	36	38	32	27	42	31	31	23	24	28	29	34	29	36	31	24	36	29	29	25	25	40	32	27	20	43	50	48	35	32.3
WALDORF POLICE BRKS	MAX	48	61	56	46	57	60	71	71	55	46	51	54	53	45	48	49	49	45	46	54	57	56	71	71	53	52	60	58	71	68	69	58.5
	MIN	35	33	38	39	39	28	45	32	31	23	25	30	32	35	27	31	28	25	37	31	32	26	28	52	25	31	24	42	52	57	33	33.7
WASHINGTON WB CITY DC	MAX	46	63	46	48	60	59	72	59	47	43	47	55	45	46	47	48	48	47	49	49	58	46	71	64	53	46	58	58	70	69	64	54.3
	MIN	40	35	39	40	39	36	50	42	37	27	27	31	36	35	32	37	35	33	40	31	34	27	35	36	34	31	30	45	55	49	44	36.6
WATERLOO POLICE BRKS	MAX	46	65	60	48	58	57	69	68	59	40	46	54	50	45	46	47	49	48	44	48	58	54	69	69	50	50	57	56	65	65	64	55.0
	MIN	31	32	32	33	33	26	40	33	34	28	24	24	24	35	29	32	29	26	34	32	30	25	25	47	28	28	22	36	48	55	41	32.1
WEST LANHAM HILLS	MAX	45	63	54	48	60	59	70	62	51	44	47	54	47	45	49	50	51	47	44	51	62	52	71	66	52	47	60	57	69	67	63	55.1
	MIN	36	31	37	38	35	30	41	32	34	23	24	28	30	35	30	35	30	26	37	31	32	25	29	40	30	28	23	42	51	53	40	33.4
WESTERN PORT	MAX	67	62	59	57	58	68	69	59	53	45	50	53	50	35	42	42	45	41	39	45	56	49	73	68	46	48	65	62	66	65	60	54.7
	MIN	36	32	38	37	29	30	44	32	33	21	21	22	33	31	30	34	32	28	34	25	26	23	24	35	32	23	20	40	48	42	39	31.4
WESTMINSTER	MAX	44	57	54	44	55	55	67	63	52	40	43	53	50	43	44	45	46	45	43	46	57	53	67	65	47	45	58	53	61	62	60	52.2
	MIN	33	31	32	34	30	31	41	34	31	20	21	25	30	35	29	35	33	25	35	28	32	21	27	40	32	22	25	39	46	55	40	32.0
WHALEYSVILLE	MAX	50	62	49	54	49	55	68	63	58	42	48	50	46	48	52	48	49	48	55	51	50	63	62	50	49	53	59	68	60	61	53.8	
	MIN	35	37	40	39	42	25	46	34	33	25	26	30	25	40	30	32	31	26	39	38	32	27	25	47	29	31	20	40	50	53	37	34.3
WOODSTOCK COLLEGE	MAX	43	59	52	47	57	57	69	66	53	47	47	55	50	43	44	46	49	45	43	48	59	48	69	66	49	46	58	53	63	62	61	53.4
	MIN	32	28	35	37	30	24	39	28	31	22	23	28	26	34	31	35	32	23	36	30	28	24	23	41	34	25	18	36	49	55	36	31.4
DELAWARE																																	
BRIDGEVILLE	MAX	47	59	51	48	56	60	64	60	48	42	47	52	45	48	47	52	51	48	47	56	53	46	65	67	50	45	55	61	72	66	63	53.9
	MIN	31	36	38	39	36	26	39	31	31	25	25	29	24	37	30	31	29	27	38	37	33	26	26	45	28	30	20	38	53	58	36	33.3
DELAWARE CITY REEDY PT	MAX	50	55	53	48	55	54	61	60	57	43	45	51	52	46	45	48	48	49	50	50	51	51	63	64	54	47	47	56	58	58	59	52.5
	MIN	30	32	33	36	36	25	40	36	37	28	24	32	32	38	34	35	33	32	39	35	37	26	31	48	25	40	27	39	47	49	42	34.8
DOVER	MAX	48	57	55	50	54	54	61	61	57	41	48	52	45	46	47	50	49	48	48	55	53	52	65	64	56	45	54	59	71	68	66	54.2
	MIN	34	37	35	40	37	26	43	36	36	25	27	31	30	40	33	34	32	28	37	37	36	25	29	48	29	30	25	40	48	52	38	34.8
GEORGETOWN	MAX	48	60	51	51	56	61	65	61	51	42	47	52	46	48	49	51	51	50	47	56	53	48	66	67	51	46	57	62	70	63	62	54.5
	MIN	30	37	38	41	37	25	40	28	25	24	25	29	24	40	30	32	29	24	38	38	30	26	23	45	26	27	18	39	53	55	35	32.7

Table 7

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
MARCH 1951

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	
MARYLAND																																	
ABERDEEN PHILLIPS FLD	SNOWFALL SN ON GND									T												T	T										
ANNAPOLIS U S N ACADEMY	SNOWFALL SN ON GND	T																	T			T	T										
BALTIMORE WB AIRPORT	SNOWFALL SN ON GND	T													T				T			T	T										
BENSON POLICE BRKS	SNOWFALL SN ON GND									T					T	T								T									
BENTLEY SPRINGS	SNOWFALL SN ON GND			T												T						T											
BRIGHTON DAM	SNOWFALL SN ON GND														T								1.0										
CAMBRIDGE	SNOWFALL SN ON GND															T							T										
CHARLOTTE HALL	SNOWFALL SN ON GND															T							T										
CHELTENHAM	SNOWFALL SN ON GND																						.3 T										
CHESTERTOWN	SNOWFALL SN ON GND	T		T						T					T	T						T	.5					T					
CHEWSVILLE BRIDGEPORT	SNOWFALL SN ON GND	T								T					T	T			T				T				T						
CLEAR SPRING	SNOWFALL SN ON GND									T					T	T	T																
CONOWINGO POLICE BRKS	SNOWFALL SN ON GND																						T										
CRISFIELD	SNOWFALL SN ON GND																											T					
CUMBERLAND POLICE BRKS	SNOWFALL SN ON GND														2.0 -								T				T						
DUNDALK	SNOWFALL SN ON GND	T														T			T				T										
ELKTON	SNOWFALL SN ON GND																						T T										
FORT GEORGE G MEADE	SNOWFALL SN ON GND										T								T														
FREDERICK POLICE BRKS	SNOWFALL SN ON GND														T	T							T										
FRIENDSVILLE	SNOWFALL SN ON GND													-	-	-	-	-	-	-	-	-	1.5 -	-									
FROSTBURG	SNOWFALL SN ON GND										T			2.0 2	8.0 10	T 9	2.0 7	5	5	4	3		T T	T T		T							
GLENN DALE BELL STA	SNOWFALL SN ON GND																						1.0										
HANCOCK FRUIT LAB	SNOWFALL SN ON GND																								T								
KEEDYSVILLE	SNOWFALL SN ON GND															T							T										
LEONARDTOWN 4 SSW	SNOWFALL SN ON GND																						T										
LISBON	SNOWFALL SN ON GND														T	T							T T										
MILLINGTON	SNOWFALL SN ON GND																						.8 T										
NEW GERMANY	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	10	8	8	7	6	6	6	3	2	2	-	-	-	-	-	-	
OAKLAND	SNOWFALL SN ON GND									T	T			1.5 2	6.0 7	1.0 7	.3 6	4	3	2	.5 1	.5 1	1.3 1	T	.5 T		.3 T						
OWINGS FERRY LANDING	SNOWFALL SN ON GND																						.5										
PICARDY	SNOWFALL SN ON GND													T	T	T							T										
POCOMOKE CITY	SNOWFALL SN ON GND																						T				T						
PRESTON	SNOWFALL SN ON GND																						T										
RIDGELY	SNOWFALL SN ON GND																						T										
ROCK HALL 3 N	SNOWFALL SN ON GND																						T										
ROYAL OAK	SNOWFALL SN ON GND																						T T										
SALISBURY	SNOWFALL SN ON GND																						T										
SNOW HILL 1 NE	SNOWFALL SN ON GND																						T										

See reference notes following Station Index.

Table 7 Continued

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
MARCH 1951

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	
SOLOMONS	SNOWFALL SN ON GND																						T										
TAKOMA PARK MISS AVE	SNOWFALL SN ON GND														T	T							T										
UNIONVILLE	SNOWFALL SN ON GND								T						T	T			T	T													
WESTERN PORT	SNOWFALL SN ON GND													T									T										
WESTMINSTER	SNOWFALL SN ON GND	T													T	T			T				1.0										
WOODSTOCK COLLEGE	SNOWFALL SN ON GND	T													T	T							T										
DISTRICT OF COLUMBIA																																	
WASHINGTON WB CITY, DC	SNOWFALL SN ON GND																					.3											
DELAWARE																																	
BRIDGEVILLE	SNOWFALL SN ON GND																						.5										
DOVER	SNOWFALL SN ON GND								T						T								.3										
LEWES	SNOWFALL SN ON GND								T														.5										
NEWARK COLLEGE FARM	SNOWFALL SN ON GND								T														T										
WILMINGTON WB N CASTLE	SNOWFALL SN ON GND	T		T					T						T	T						T	T										
WILMINGTON PORTER RESVR	SNOWFALL SN ON GND	T		T					T							T						T	T	.1									

See reference notes following Station Index.

STATION INDEX

MARYLAND AND DELAWARE
MARCH 1951

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
DELAWARE										
BRIDGEVILLE	1330	SUSSEX	1	38 44	75 38	45	5P	5P	W. M. RAY	2 3 5 7
DELAWARE CITY RRDY PT	2625	NEW CASTLE	2	39 34	75 35	10	4P	4P	J. E. KADEN	2 3 5 7
DOVER	2730	KEPT	2	39 10	75 32	34	4P	4P	F. J. BOWERY	2 3 5 7
GEORGETOWN	3570	SUSSEX	1	38 39	75 27	50	6P	6P	E. F. TURNER	2 3 5 7
LEWES	5320	SUSSEX	2	38 46	75 08	10	6P	6P	OTTO T. VOGL	2 3 5 7
WILFORD	5915	SUSSEX	2	38 55	75 26	10	5P	5P	JOHN LOPER	2 3 5 7
WILMINGTON	6020	SUSSEX	2	38 55	75 19	20	6P	6P	P. C. TOWNSHEND	2 3 5 7
WEPAKE COLLEGE FARM	6410	NEW CASTLE	2	39 39	75 46	110	5P	5P	FRED COLLINS	2 3 5 7
WYRE	8510	KEPT	2	39 15	75 36	45	5P	5P	C. M. EWING	2 3 5 7
WILMINGTON WB NEW CASTLE	9505	NEW CASTLE	7	39 40	75 38	73	MID	MID	U. S. WEATHER BUREAU	2 3 4 5 7
WILMINGTON CITY HALL	9600	NEW CASTLE	2	39 45	75 33	99	5P	5P	STREET DEPARTMENT	2 3 5 7
WILMINGTON PORTER RES	9605	NEW CASTLE	2	39 46	75 32	260	MID	MID	WATER DEPARTMENT	2 3 5 7
DISTRICT OF COLUMBIA										
BRIGHTWOOD	1135		7	38 57	77 01	260	8A	8A	BERNARD CRUCKSHANKS	2 3 5
DALECARLIA RESERVOIR	2325		7	38 56	77 07	140	3P	3P	JAMES L. KERRICK	2 3 5
NATIONAL ABSEUTUM	6350		7	38 54	76 58	55	4P	4P	JAMES R. FARLOW	2 3 5
U S SOLDIERS HOME	8035		7	38 56	77 01	230	7A	7A	R. C. FRATT	2 3 5
WASHINGTON WB CITY	9290		7	38 54	77 03	72	MID	MID	U. S. WEATHER BUREAU	2 3 4 5 7
MARYLAND										
ADKINS PHILLIPS FLD	0015	HANFORD	1	39 28	76 10	62	MID	MID	U. S. AIR FORCE	2 3 4 5 7
ADKINS U S N ACADEMY	0185	ANN ARUNDEL	4	39 28	76 29	40	MID	MID	U. S. NAVY	2 3 4 5 7
BALTIMORE SLANDS POINT	0460		1	39 12	76 34	135	5P	5P	DAVIDSON CHEMICAL CO	2 3 5
BALTIMORE WB AIRPORT	0465	BALTIMORE	1	39 11	76 40	16	MID	MID	U. S. WEATHER BUREAU	2 3 4 5 7
BALTIMORE WB CITY	0470		1	39 17	76 37	74	MID	MID	U. S. WEATHER BUREAU	2 3 4 5 7
BALTIMORE PARKVILLE	0475	BALTIMORE	1	39 23	76 32	305	5P	5P	CHARLES B. CONNER	2 3 5
BATTERY PARK	0505	MONTGOMERY	7	39 00	77 07	338	6P	6P	RAY K. LINSLEY	CLOSED 7/50
BELTSVILLE	0700	PRINCE GEORGE	7	39 02	76 53	120	8A	8A	J. B. SHEPHERD	2 3 4 5 6
BELTSVILLE PLT IND STA	0701	PRINCE GEORGE	7	39 02	76 53	160	9A	9A	H. P. SEVY	2 3 5
BELTSVILLE PLT IND STA	0702	PRINCE GEORGE	7	39 02	76 56	136	9A	9A	H. P. SEVY	2 3 5
BELTSVILLE PLT IND STA	0703	PRINCE GEORGE	7	39 02	76 56	200	9A	9A	H. P. SEVY	2 3 5
BELTSVILLE PLT IND STA	0704	PRINCE GEORGE	7	39 02	76 56	265	9A	9A	H. P. SEVY	2 3 5
BELTSVILLE PLT IND STA	0705	PRINCE GEORGE	7	39 01	76 57	100	9A	9A	H. P. SEVY	2 3 4 5
BELTSVILLE PLT IND STA	0706	PRINCE GEORGE	7	39 01	76 57	315	9A	9A	H. P. SEVY	2 3 5
BESKON POLICE BARRACKS	0732	HANFORD	1	39 30	76 28	365	5P	5P	MD STATE POLICE	2 3 5 7
BENTLEY SPRINGS	0737	DALTON	1	39 41	76 41	730	3P	3P	CARL PITTINGER	2 3 5 7
BETHESDA	0795	MONTGOMERY	7	38 58	77 07	320	5P	5P	U. S. ENGINEERS	2 3 4 5 7
BLACKWATER REFUGE	0815	DORCHESTER	1	38 56	76 08	5	4P	4P	NATL WILDLIFE REF	2 3 5 7
BRIGHTON DAM	1125	MONTGOMERY	6	38 58	76 44	167	6P	6P	FRED S. GILPIN	2 3 5 7
BROOKDALE	1170	MONTGOMERY	7	38 57	77 08	260	7P	7P	R. C. FRATT	2 3 5 7
BROOKSIDE MANOR	1180	PRINCE GEORGE	7	38 56	76 58	50	6P	6P	RALPH RICHES	2 3 5
BURNT MILLS RESERVOIR	1278	MONTGOMERY	7	39 02	77 00	220	5P	5P	J. M. JESTER	2 3 5 7
CAMDEN	1385	DORCHESTER	1	38 54	76 09	15	6P	6P	D'ARCY HARDING	2 3 5 7
CHARLOTTE HALL	1386	ST MARYS	6	38 58	76 44	167	6P	6P	J. B. TAYLOR	2 3 5 7
CHILTERNAN	1710	PRINCE GEORGE	6	38 44	76 51	230	8A	8A	U. S. MAGNETIC OBS	2 3 5 7
CHILTERNAN	1750	KENT	1	39 13	76 04	55	11P	11P	T. W. SLASON, JR.	2 3 5 7
CHILTERNAN	1750	WASHINGTON	7	39 38	77 41	560	8S	8S	D. PAUL OSWALD	2 3 5 7
CLEAR SPRING	1890	WASHINGTON	7	39 40	77 54	560	5P	5P	MRS. L. A. CHILL	2 3 5 7
COCKEYSVILLE	1860	BALTIMORE	1	39 27	76 38	480	MID	MID	H. P. SEVY	2 3 5
COLUMBIA	1980	KENT	1	39 21	76 07	80	6P	6P	M. H. HARRIS	2 3 5
COLLEGE PARK UNIV OF MD	1985	PRINCE GEORGE	7	38 59	76 56	95	5P	5P	JOSEPH J. HIGGINS	2 3 5
COLLEGE PARK SCS	2060	MONTGOMERY	7	39 03	76 57	309	MID	MID	SEE (0714)	2 3 4 5
CORNING DAM	2080	HANFORD	8	39 39	76 10	40	MID	MID	SUSQUEHANNA ELEC CO	2 3 5 7
CORNING POLICE BARRACK	2085	HANFORD	8	39 39	76 10	195	5P	5P	MD STATE POLICE	2 3 5 7
CRISFIELD	2205	SOMERSET	1	37 59	75 51	5	5P	5P	C. A. ADAMS, SR.	2 3 5 7
CUMBERLAND	2205	ALLEGANY	7	39 39	77 26	380	5P	5P	MD STATE POLICE	2 3 5 7
CUMBERLAND POLICE BARRA	2285	ALLEGANY	7	39 39	77 49	880	5P	5P	MD STATE POLICE	2 3 5 7
DISTRICT HEIGHTS	2585	PRINCE GEORGE	6	38 51	76 54	272	7P	7P	J. P. KOHLER	2 3 5
DUNDALK	2660	BALTIMORE	1	39 18	76 31	28	6P	6P	FRANK YOST	2 3 5 7
EASTON POLICE BARRACKS	2700	TALBOT	1	38 46	76 01	60	5P	5P	MD STATE POLICE	2 3 5 7
EDGEWATER	2770	WASHINGTON	7	39 40	77 33	920	6P	6P	A. E. RANNE	2 3 5
ELKTON	2860	Cecil	7	39 43	77 50	28	6P	6P	M. W. BOUTELLE	2 3 5 7
EMMITSBURG	2905	FREDERICK	7	39 43	77 21	920	4P	4P	ST MARYS SEMINARY	2 3 5 7
FALLTON	3030	HANFORD	8	39 39	76 10	288	5P	5P	MISS ETHEL CURTIS	2 3 5
PORT GEORGE C MEADE	3230	ANN ARUNDEL	6	39 07	76 46	185	MID	MID	U. S. ARMY	2 3 5 7
FREDERICK POLICE BARRACK	3345	FREDERICK	7	39 25	77 26	380	5P	5P	MD STATE POLICE	2 3 5 7
FREDERICK WB AIRPORT	3350	FREDERICK	7	39 25	77 23	294	2P	2P	U. S. WEATHER BUREAU	2 3 5
FREDERICK 3 E	3355	FREDERICK	7	39 24	77 23	385	8A	8A	GLENN R. STALEY	2 3 5
FRIENDSVILLE	3400	GARRETT	7	39 42	78 08	2000	6P	6P	HARRY M. SAVAGE	CLOSED 10/1/50
FROSTBURG	3410	ALLEGANY	7	39 39	78 56	2100	6P	6P	C. A. ADAMS, SR.	2 3 5
GERMANTOWN	3585	MONTGOMERY	7	39 10	77 17	460	6P	6P	R. F. STALEY	2 3 5
GLENN ECHO	3645	MONTGOMERY	7	38 59	77 09	150	MID	MID	U. S. ENGINEERS	2 3 4 5
GLENN DALE BELI STA	3675	PRINCE GEORGE	6	38 58	76 48	151	4P	4P	BUREAU PLT IND	2 3 5 7
GRAFTSVILLE	3795	GARRETT	7	39 42	78 08	2300	MID	MID	MARY R. BITTINGER	2 3 4
GRASONVILLE	3805	QUEEN ANNES	1	38 58	76 13	8	5P	5P	MISS CAROLIN CONNEY	2 3 5 7

† SHALMAR Formerly HARRISON, WEST VIRGINIA.

1-CHESAPEAKE; 2-COASTAL; 3-MONONGAHELA; 4-CHIO; 5-PATAPSCO; 6-PATUXENT; 7-POTOMAC; 8-SUSQUEHANNA; 9-YOUGHEGHENY

Drainage System, 9-Savage, discontinued as it is part of 7-Potomac Drainage System; 10-Youghiogheny changed to 9-Youghiogheny.

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 directions from the post office.

Observation times given in the Station Index are in local standard time.

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: Temperature 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 3 are from non-recording gages, unless otherwise indicated.

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

Data in Tables 3, 5, 6 and snowfall 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 is indicated by a dash. 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.

+ Add also on a later date or dates.

// Gage is equipped with a windshield.

6 Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.

B Adjusted to a full month.

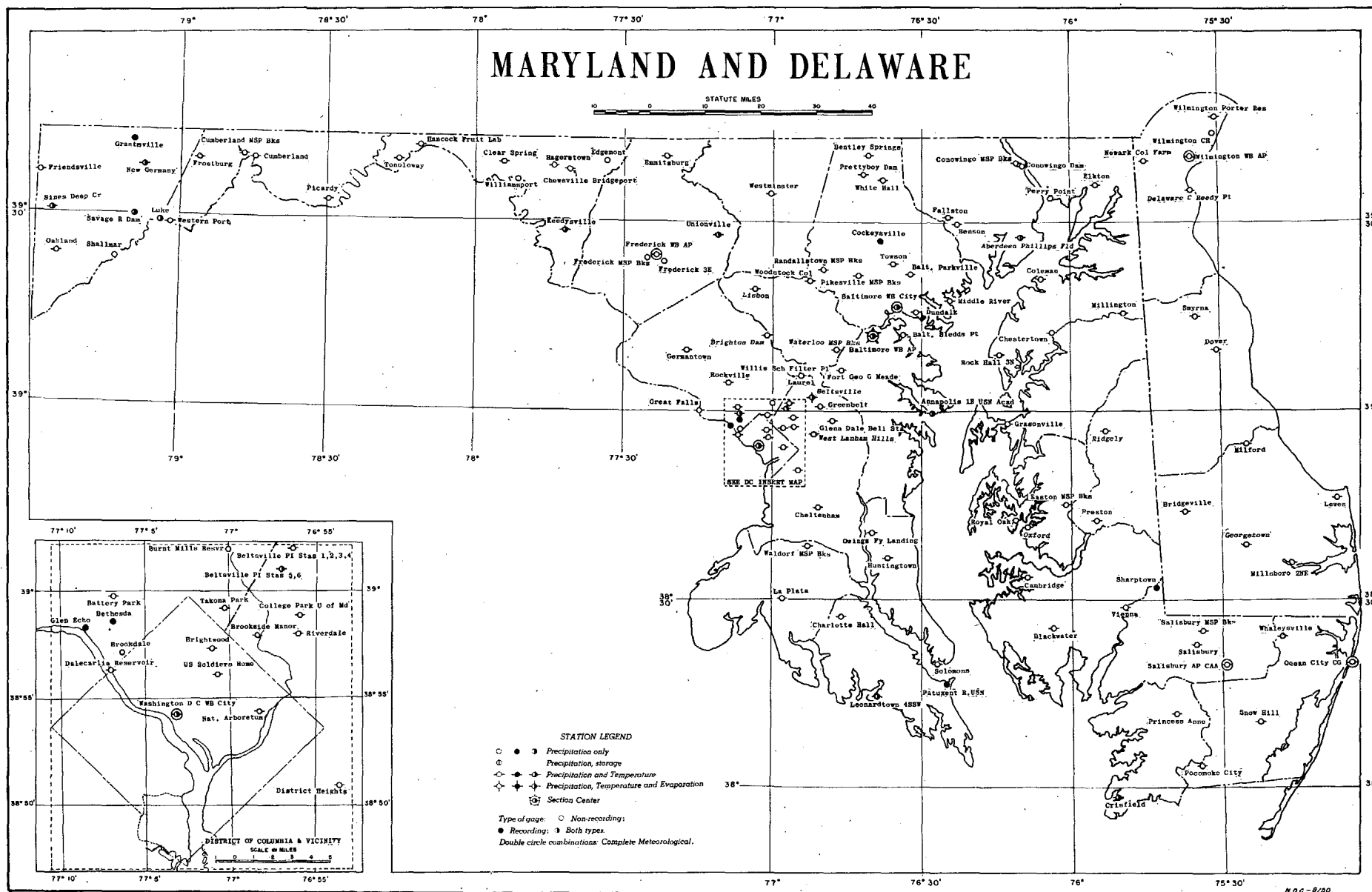
E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

T Trace, an amount too small to measure.

V Includes total for previous month.

Subscription Price: 15 cents per copy, Monthly and Annual; \$1.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C.

W.R.P.C., Chattanooga, Tennessee --- 6/7/51 --- 950



MARYLAND AND DELAWARE - MARCH 1951

G. N. Brancato, Section Director - Baltimore, Md.

WEATHER SUMMARY

Mean temperatures and precipitation totals averaged near normal this March. Mean temperatures showed very little variation among the several sections but precipitation amounts ranged a great deal. The average snowfall was extremely light. Cloudiness was considerably more than during a typical March, resulting in diminished percentages of sunshine. In Baltimore, it was the lowest March percentage of record. The average speed of the wind was slightly more than normal. Thunderstorms were infrequent, occurring mostly on the 7th.

Only one station in nine reported mean temperatures more than one degree above or below normal. Washington, D. C., Leonardtown, and Cumberland were two to three degrees warmer than usual, and a few scattered stations in northern and western areas were one to two degrees above normal. Crisfield, Owings, Oxford, and Cheltenham, Maryland, and Millsboro, Delaware, averaged subnormal by one to two degrees and were the only such stations. Generally, northern counties were slightly above normal while the southern counties were slightly on the cool side. In Delaware, mean temperatures ranged from 41.4° at Wilmington Porter Reservoir to 44.5° at Dover. The same data for Maryland showed extremes of 45.9° at Salisbury and 34.1° at New Germany.

As precipitation totals averaged less than one half-inch below normal, that figure is considered to be close enough to call it seasonable. Nevertheless, the monthly totals at several stations showed a fairly wide variation. Delaware totals ranged from 2.41" at Bridgeville to 4.50" at Lewes, while in Maryland, extreme amounts were 5.99" at Tonoloway and 1.93" at Ocean City. The only above normal precipitation was reported from western and extreme northern portions of Maryland and the northern part of New Castle County, Delaware, with the greatest excess being reported in Allegany and western Washington Counties. Precipitation was deficient by one to two inches in Talbot, Caroline, and portions of Anne Arundel, Kent, Queen Annes, Dorchester and Wicomico Counties of Maryland, and the western portion of Sussex County of Delaware.

Although some snow was reported by practically all stations during the month, the amounts were mostly less than one inch, and averages were about one-tenth of normal. Although the significant snowfalls were limited to Garrett and western Allegany Counties, portions of Montgomery and Prince Georges Counties had about one inch. The greatest total for the month was 11.9" at Oakland.

Temperatures were above normal during the first week as the storm path was from the Southern Plains States to the Great Lakes Region and then up into Canada, bringing about a preponderance of southwesterly winds. A good southwest wind in advance of a cold front moving eastward from the interior of the Nation caused readings to rise into the upper sixties and lower seventies on the 7th. It was briefly cold on the 10-11th when most temperatures dropped into the twenties, although Garrett County readings dropped to below 20°. The lowest temperature, 11°, was reached at Sines on the 11th.

Although temperatures were near normal from the 12th through the 21st, the start of this period was marked by some extreme weather conditions. A storm center, or area of low barometric pressure, moved northeastward over the Atlantic Coastal States and was over Maryland during the morning of the 14th. Heavy rains and high winds were Section-wide on the night of the 13-14th. Early in the morning on the 14th, the wind at Baltimore's Friendship Airport rose to 72 miles per hour, six miles per hour higher than any wind velocity ever recorded in more than seventy years at the City Office in Baltimore. Show windows were broken, signs were blown over, trees were uprooted, and small boats were torn from their moorings and smashed. Another storm center moved up from the central Gulf Coast on the 19th and was centered over Delaware the morning of the 20th. It brought the greatest 24-hour rainfalls to most stations.

The last ten days of the month were marked by frequent and rather large changes in temperatures. It was cool near the 22nd, warm near the 23-24th, cool again near the 27th and warm again on the 29th and 31st. The highest temperature for the month in Maryland was 76° on the 23rd at the Cumberland Police Barracks, while the highest Delaware temperature was 72° on the 29th at Bridgeville. The month's lowest Delaware temperature was a 17° reading at Millsboro on the 27th. Rains were fairly general in Maryland and Delaware on the 30th, associated with a secondary storm center accompanying an eastward moving cold front. The greatest 24-hour rainfall, 2.22", occurred on this occasion at Hancock. The heavy showers in Allegany and western Washington Counties on the 30th were largely responsible for the month's excessive rainfall in that area.

At the beginning of the month, some signs of vegetation leaving the dormant stage were in evidence. Pastures and winter grasses and grains were greening. During the month, farm operations were delayed only slightly as, at times, some fields were too wet for plowing and fields in other sections were too dry. By the end of the month, some early gardens were being planted, fruit buds were swelling and, in some areas, showing pink. Pastures and winter grains and grasses were in a fair to good condition.--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
MARCH 1951

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
	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	Traces	01-09	10-49	50-99	100-199	200 and over	Total		
ABERDEEN PHILLIPS FIELD MD.	-	-	-	-	-	-	76	77	57	64	-	-	-	-	-	-	-	-	-
ANNAPOLIS USN ACADEMY MD.	NW	17	11.2	-	-	-	71	73	63	65	-	-	-	-	-	-	-	-	-
BALTIMORE WB CITY, MD.	NW†	13†	13.0†	72†	E†	14†	70†	75†	52†	61†	0	3	7	0	1	0	11	45†	6.4†
FREDERICK WB CITY, MD.	-	-	-	-	-	-	-	-	-	-	2	7	6	1	0	0	16	-	-
WASHINGTON WB CITY, D. C.	NW†	13†	11.7†	31	W	30	68†	72†	51†	58†	1	6	6	1	1	0	15	55	6.2†
WILMINGTON WB AP, DEL.	NW	14	10.6	-	-	-	76	75	53	67	3	4	7	1	1	0	16	-	6.6

† 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	39.8	74	13	2.94	3.5	9	1920	43.2	85	-	1	3.00	2.7	9	1945	53.0	91	17	1.80	0.3	10
1896	36.4	72	7	4.26	14.6	9	1921	53.6	91	14	2.38	T	11	1946	50.7	83	12	2.40	0.1	11	
1897	44.4	80	12	2.93	0.7	10	1922	44.2	80	11	4.70	2.2	13	1947	37.3	71	6	1.66	6.1	9	
1898	47.5	84	7	3.80	3.0	11	1923	43.3	82	-	6	4.23	5.8	11	1948	46.3	91	4	3.84	0.6	12
1899	40.9	77	1	4.79	3.7	11	1924	40.7	77	11	4.98	12.2	10	1949	44.7	88	-	2.75	1.0	8	
1900	37.3	74	8	3.23	13.2	9	1925	44.8	82	-	3	2.25	0.4	9	1950	39.9	80	12	4.27	3.2	
1901	42.6	81	-	3.50	1.9	9	1926	38.0	80	-	8	2.21	2.1	10	1951	43.1	76	11	3.14	0.4	
1902	44.7	80	3	3.92	10.5	10	1927	45.4	84	10	1.72	0.1	9	Period	42.8			3.54	4.8		
1903	49.2	85	15	5.12	0.2	10	1928	41.7	83	7	2.97	7.0	10								
1904	41.2	87	5	2.99	2.0	10	1929	48.0	86	4	3.14	1.3	10								
1905	45.4	88	-	3.16	2.2	10	1930	42.2	77	4	2.16	1.6	7								
1906	36.7	68	8	4.83	11.3	13	1931	39.1	65	14	4.28	7.4	13								
1907	46.1	93	2	3.30	6.5	9	1932	38.2	75	-	4	5.70	5.7	10							
1908	45.7	85	11	3.16	0.6	10	1933	40.1	79	0	4.40	3.2	13								
1909	40.2	80	9	3.69	7.6	11	1934	38.7	78	-	10	4.35	11.7	14							
1910	49.0	89	14	1.11	2.1	5	1935	47.6	86	10	2.99	1.8	14								
1911	39.8	77	5	2.56	9.3	12	1936	47.0	83	15	5.87	3.0	12								
1912	39.5	78	7	6.69	7.7	13	1937	39.4	74	1	1.96	9.7	8								
1913	47.2	83	6	4.56	0.7	10	1938	46.9	88	-	6	2.74	3.8	14							
1914	37.8	80	-	2.40	15.4	10	1939	43.9	90	-	5	3.74	0.8	11							
1915	36.6	64	3	1.14	4.4	5	1940	38.1	75	1	3.84	2.3	10								
1916	35.9	78	-	3.88	4.5	10	1941	36.7	70	-	8	2.25	12.7	8							
1917	41.1	82	5	5.34	10.2	13	1942	44.7	79	5	5.99	15.4	12								
1918	45.6	84	8	3.61	0.1	9	1943	42.6	84	-	6	3.56	8.1	12							
1919	45.8	76	14	3.87	0.6	10	1944	40.2	82	0	5.69	5.5	14								
DELAWARE																					
1895	40.9	69	19	3.61	1.2	9	1920	43.6	75	11	3.86	1.7	10	1945	53.1	89	22	1.79	0.0	10	
1896	38.2	74	12	4.74	3.8	10	1921	54.6	88	23	2.51	0.5	11	1946	50.8	80	18	3.11	0.0	11	
1897	44.5	50	20	2.72	T	8	1922	45.0	76	19	4.48	0.2	12	1947	37.7	69	11	1.92	4.3	8	
1898	48.2	78	22	2.67	1.0	9	1923	44.0	80	13	5.60	4.5	12	1948	46.5	91	8	3.81	0.2	13	
1899	42.0	72	20	5.32	3.4	11	1924	41.7	76	22	5.34	1.7	10	1949	44.9	81	17	3.47	0.2	8	
1900	38.4	69	6	3.72	6.0	10	1925	46.6	79	9	2.28	T	8	1950	40.4	80	8	4.46	1.2		
1901	42.7	74	8	3.60	0.6	7	1926	39.3	80	10	2.30	0.5	9	1951	42.9	72	27	3.46	0.2		
1902	46.2	75	16	3.74	3.5	10	1927	45.6	82	18	1.92	T	10	Period	43.6			3.81	2.7		
1903	49.9	79	23	6.10	0.0	9	1928	42.2	82	14	2.81	0.6	11								
1904	41.2	74	17	3.42	1.4	10	1929	49.7	81	11	3.39	T	11								
1905	44.4	83	11	3.12	0.6	11	1930	43.7	76	18	2.00	T	7								
1906	38.5	63	14	6.11	4.3	13	1931	40.6	64	25	5.24	7.4	12								
1907	46.1	88	16	2.99	4.8	9	1932	40.1	70	12	6.46	1.8	10								
1908	47.6	83	22	1.74	0.8	9	1933	41.8	80	16	3.15	1.2	13								
1909	41.8	75	17	3.82	2.5	10	1934	40.1	75	6	5.26	13.4	14								
1910	49.3	86	22	2.58	3.0	5	1935	47.9	77	19	3.25	0.4	13								
1911	40.6	74	6	3.10	7.0	10	1936	48.9	76	20	5.60	T	12								
1912	41.1	72	16	7.16	7.9	12	1937	39.8	69	15	2.56	3.5	9								
1913	49.1	80	13	3.86	T	10	1938	46.9	82	8	2.60	3.2	13								
1914	38.6	75	4	3.02	18.5	10	1939	44.4	84	17	5.10	1.3	14								
1915	38.8	62	19	1.26	1.7	3	1940	38.6	71	14	4.64	1.2	12								
1916	35.9	69	8	3.51	5.8	10	1941	37.3	63	13	2.36	8.4	8								
1917	41.7	76	17	6.26	0.9	13	1942	45.0	75	24	6.13	3.1	12								
1918	44.8	80	17	3.48	T	9	1943	44.0	83	4	3.81	6.3	12								
1919	46.4	78	24	4.63	0.1	9	1944	41.1	78	13	6.16	6.1	15								

See reference notes following Station Index

Table 2

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
MARCH 1951

Station	Temperature										Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	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					Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
MARYLAND																				
ABERDEEN PHILLIPS FLD	42.5	.2	67	31	23	27	690	0	12	3.76	-.53	1.10	19	T	0		11	3	2	
ANAPOLIS U S N ACADEMY	42.9	.5	64	24	26	27	677	0	8	2.30	-1.40	.97	19	T	0		14	1	0	
BALTIMORE SLEDDS PT	44.6		70	7+	25	11	622	0	10	2.91		1.16	20	T	0		12	2	1	
BALTIMORE WB AIRPORT	43.3	-1.2	70	7+	24	11+	665	0	14	3.70	.22	1.34	19	T	0	21	13	3	1	
BALTIMORE WB CITY	45.1	1.6	70	7+	27	10+	611	0	5	3.21	-.49	1.34	19	T	0		11	1	1	
BALTIMORE PARKVILLE	43.3		66	23	24	10+	662	0	13	3.39		1.35	20	T	0		8	2	1	
BELTSVILLE	41.3	-1.3	70	8+	17	27		0	25	2.64	-.85	1.00	20	T	0	22	11	2	1	
BELTSVILLE PLT IND STA1	41.3		70	8+	18	27		0	22	2.83		1.02	20	T	0	22	12	2	1	
BELTSVILLE PLT IND STA2	41.4		71	8	18	27		0	23	2.71		1.02	20	T	0	22	12	2	1	
BELTSVILLE PLT IND STA3	42.2		70	8+	19	27		0	18	2.42		.98	20	T	0		12	2	0	
BELTSVILLE PLT IND STA4	42.4		70	8+	22	27		0	15	2.64		1.03	20	T	0	22	12	2	1	
BELTSVILLE PLT IND STA5	40.9		70	8+	17	11+		0	24	2.65		1.04	20	T	0		12	2	1	
BELTSVILLE PLT IND STA6	42.5		70	8+	17	27		0	16	2.57		1.06	20	T	0	22	12	2	1	
BENSON POLICE BRKS	42.0		62	7+	21	10+	706	0	20	3.85		1.56	20	T	0		11	2	1	
BENTLEY SPRINGS	40.4		68	7	18	27	757	0	20	3.21		.90	20	T	0		11	2	0	
BETHESDA NIH	43.7		71	7	22	27	651	0	15	2.64		.62	14				12	1	0	
BLACKWATER REFUGE	42.9		64	7+	24	10+	680	0	15	2.84		1.26	20				8	2	1	
BRIGHTON DAM	42.5		69	23	18	27	692	0	20	2.64		.78	20		1.0	0	10	2	0	
BROOKSIDE MANOR	44.7		71	23+	23	27	622	0	15	2.96		.83	14		.2	0	13	2	0	
CAMBRIDGE	44.2	-.9	68	24+	23	27	638	0	11	3.00	-.83	1.22	20	T	0		11	2	1	
CHARLOTTE HALL	45.7M	.7	70	7+	25	27	592	0	14	2.86	-.45	.86	20	T	0		17	2	0	
CHELTENHAM	43.1	-1.5	71	8	22	27		0	19	2.98	-.68	1.13	20	T	0	22	14	2	1	
CHESTERTOWN	43.9	.6	68	30	26	10+	645	0	12	2.69	-.83	.67	20	T	.5	0	10	2	0	
CHEWSVILLE BRIDGEPORT	42.1	.9	67	7	21	27	703	0	15	3.89	.88	.89	14	T	0		14	4	0	
CLEAR SPRING	42.3M	1.1	68	23	21	10	694	0	15	4.39	.83	1.01	30	T	0		12	4	1	
COLEMAN	44.5	.8	67	23+	24	22	631	0	12	2.76	-.79	.80	20	T	0		9	2	0	
COLLEGE PARK U OF MD	44.9	.9	71	23	21	27	617	0	19	2.39	-1.14	.83	20	T	.4	22	12	2	0	
CONOWINGO DAM	41.3	.1	65	7	20	27	730	0	20	3.81	.35	1.07	19	T	0	21	14	3	1	
CONOWINGO POLICE BRKS	41.2		71	23	17	27	733	0	23	2.26		1.50	20	T	0		10	1	1	
CRISFIELD	46.0	-1.1	67	29	21	27	587	0	5	2.71	-1.44	1.18	20	T	0		9	1	1	
CUMBERLAND	43.2M	2.5	72	23	17	10	670	0	14	4.02	1.02	1.24	31		.6	14	10	3	1	
CUMBERLAND POLICE BRKS	41.6		76	23	15	22	718	0	17	3.20		1.10	30		2.0		12	1	1	
DISTRICT HEIGHTS	44.1		70	7+	25	10+	641	0	13	2.21		.78	14		.5	14	12	2	0	
DUNDALK	45.0		68	7+	27	10+	612	0	7	2.98		1.13	20	T	0		11	2	1	
EASTON POLICE BRKS	44.6	.2	66	30	24	11	626	0	12	2.70	-1.00	1.05	20	T	0		12	2	1	
ELKTON	42.8	.4	66	23	20	27	679	0	15	3.61	-.14	1.10	20	T	0	22	12	2	1	
EMMITSBURG	41.4	.5	68	7	21	10+	723	0	18	4.82	.84	.92	20	T	0		11	5	0	
FALLSTON	40.7	.2	63	7+	19	10+	745	0	24	3.12	-.61	1.28	20	T	0		9	2	1	
FORT GEORGE G MEADE	42.3		71	23	15	27	694	0	22	3.45		1.20	20	T	0		11	2	2	
FREDERICK POLICE BRKS	42.3	-.3	69	7	18	11	694	0	19	3.12	-.25	.72	20	T	0		14	2	0	
FREDERICK WB AIRPORT	42.9		69	9	19	27	678	0	17	2.85		.93	20	T	0		14	1	0	
FRIENDSVILLE	39.4		70	6+	13	11	788	0	22	13.83		.71	30				11	3	0	
FROSTBURG	38.3	-.9	66	23	15	10	820	0	23	4.74	-1.09	1.07	30		12.0	10	14	2	1	
GERMANTOWN	43.2M	-.2	70	7	22	10	676	0	15	2.91	-.17	.62	20	T	1.0	0	13	2	0	
GLENN DALE BELL STA	43.5	-.6	70	7+	18	27	660	0	21	3.03	-.41	1.08	20	T	1.0	0	12	2	2	
GRASONVILLE	45.0	1.1	68	29	24	27	614	0	9	2.32	-1.94	.94	20	T	.0	0	8	1	0	
GREENBELT	41.0M		71	24	17	27		0	26	2.97		1.03	20	T	0		13	2	1	
HAGERSTOWN	42.3		68	7	21	10+	698	0	15	3.16		.87	30	T	0		9	2	0	
HANCOCK FRUIT LAB	39.5	-2.3	72	24	16	27		0	22	5.74	2.52	2.22	31	T	0		12	4	2	
HUNTINGTOWN	44.2	-.9	69	7+	24	10	638	0	14	2.72	-.60	.85	20	T	0		15	2	0	
KEEDYSVILLE	43.0	-.1	69	7	20	27	676	0	15	2.92	-.01	.96	14	T	0		13	1	0	
LA PLATA	45.2	-.9	72	29	22	26	611	0	16	2.91	-.39						8			
LEONARDTOWN 4 SSW	45.6	3.0	70	7+	23	27	595	0	12	2.55	-1.52	.80	20	T	0		12	2	0	
LISBON	40.8	.1	69	7	20	10+	744	0	22	2.83	-.71	.80	20	T	0	22	11	2	0	
MIDDLE RIVER	43.9		63	23+	28	10+	646	0	7	2.75		1.04	20	T	0		11	1	1	
MILLINGTON	44.7	.7	70	29	20	27	627	0	15	3.22	-.59	.88	20	T	.8	22	10	2	0	
NEW GERMANY	34.1		66	7	12	10+		0	28	4.51		1.10	14			10	14+	4	3	
OAKLAND	37.0	.1	66	23+	13	10+	861	0	23	5.23	1.20	.86	30		11.9	7	18	5	0	
OCEAN CITY	43.4		62	25	26	10	662	0	7	1.93		.79	19	T	.0	0	8	1	0	
OWINGS FERRY LANDING	44.4	-1.2	71	7	23	10	633	0	15	2.93	-.42	.84	20	T	.5	0	10	2	0	
OXFORD	44.6	-1.9	66	23	29	10+	627	0	8	2.02	-1.12	.82	20	T	.0	0	12	1	0	
PICARDY	42.0	-.2	70	23	16	11	706	0	16	4.77	1.81	1.60	30	T	0		14	2	1	
PIKESVILLE	42.4		68	7	20	11	695	0	19	3.08		1.01	20	T	0		9	2	1	
POCOMOKE CITY	45.3	-.8	70	29	23	27	605	0	15	3.06	-.64	1.18	20	T	0		12	2	1	
PRESTON	44.7		69	29	22	27	623	0	15	2.54		.94	20	T	0		12	2	0	
PRINCESS ANNE	45.0	-.3	73	29	18	27	613	0	16	2.89	-.99	1.30	20	T	0		10	2	1	
RANDALLSTOWN POL BRKS	42.9		68	23	21	10+	676	0	17	2.95		.80	20	T	0		9	2	0	
RIDGELY	45.2	1.2	70	29	26	27	808	0	12	2.47	-1.13	.88	20	T	0		9	2	0	
RIVERDALE	43.9		72	23	20	27	649	0	18	2.83		.73	20	T	0		14	2	0	
ROCK HALL 3 N	44.0	-.2	66	23+	23	27	645	0	11	2.48	-1.04	.83	20	T	0		10	2	0	
ROCKVILLE	44.7		70	7	23	10	621	0	13	2.39		.74	14		.0	0	12	2	0	
ROYAL OAK	45.3		67	29+	26	27	605	0	9	2.70		1.05	20	T	0	22	13	2	1	
SALISB																				

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
MARCH 1951

Table 2—Continued

Station	Temperature									Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	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 at obsn.	Date	01 or more	50 or more	100 or more
WHALEYSVILLE	44.1		68	7+	20	27	639	0	15	3.41		1.23	20	.0	0		9	3	1
WOODSTOCK COLLEGE	42.4	.7	69	7+	18	27	692	0	19	2.97	-.58	1.86	14	T	0		16	2	0
DISTRICT OF COLUMBIA																			
BRIGHTWOOD DC	44.2		69	24+	26	10		0	9										
DALECARLIA RESERVOIR DC	45.0		70	7+	24	27	613	0	16	3.91		1.90	20	.0	0		13	2	1
NATIONAL ARBORETUM DC	46.3M		71	7+	21	11	570	0	14	3.00		.97	13				11	2	0
U S SOLDIERS HOME D C	43.2		70	8	24	10		0	15	2.78		1.02	20				13	2	1
WASHINGTON WB CITY DC	45.5	2.9	72	7	27	10+	598	0	9	3.17	-.58	1.26	19	.3	0		15	2	1
MARYLAND AND D. C.																			
DELAWARE																			
BRIDGEVILLE	43.6	-.6	72	29	20	27	653	0	17	2.41	-1.40	.92	20	.5	0		9	2	0
DELAWARE CITY REEDY PT	43.7	1.7	64	24	24	11	652	0	12	2.74	-.55	1.05	20	T	0		10	1	1
DOVER	44.5	1.1	71	29	25	10+	629	0	12	3.13	-.90	.99	20	.3	0		9	3	0
GEORGETOWN	43.6		70	29	18	27	656	0	18	2.81		1.42	20	.1	0		10	2	1
LEWES	42.9		66	24	21	27	682	0	14	4.50		1.60	30	.5	0		10	3	2
WILLSBORO																			
NEWARK COLLEGE FARM	41.9	-.8	65	7+	19	27	711	0	19	4.15	-.71	1.53	20	T	0		11	3	2
WILMINGTON WB N CASTLE	41.5		66	23	22	10+	718	0	17	3.76		1.26	19	T	0		13	2	1
WILMINGTON PORTS RESVR	41.4	-.9	63	7+	23	10	724	0	14	4.13	.35	1.74	19	.1	T	21	13	2	1
STATE																			
	43.1	.2								3.17	-.40			.4					

See reference notes following Station Index.

DAILY PRECIPITATION

MARYLAND AND DELAWARE
MARCH 1951

Table 3

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		
ABERDEEN PHILLIPS FLD	.15	-	.08	.23	-	-	T	-	T	-	-	-	.10	.54	T	-	-	-	T	1.10	.15	.03	.01	-	T	-	-	-	T	1.01	.36	T	3.76
ABERDEEN PHILLIPS FLD R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANNAPOLIS U S N ACADEMY	.13	-	.06	.15	.02	-	.03	-	-	-	-	-	.11	.28	-	-	-	.03	.97	.08	T	T	.03	-	.03	-	-	.03	.10	.30	-	2.30	
BALTIMORE SLEEDS PT	.19	-	.01	.31	T	-	T	-	-	-	-	-	.87	.03	-	-	-	T	.13	1.16	-	-	.05	.06	-	-	-	.16	.13	.01	2.91		
BALTIMORE WB AIRPORT	.15	-	.20	.13	T	-	T	-	-	-	-	-	.71	.84	T	-	-	.04	1.34	.07	.03	T	.04	.04	-	-	.01	.15	.19	-	3.70		
BALTIMORE WB CITY	.15	-	.22	.15	-	-	-	-	-	-	-	-	.45	.43	-	-	-	-	1.34	.07	-	-	-	.06	-	-	.01	.15	.18	-	3.21		
BALTIMORE PARKVILLE	.22	-	.37	-	-	-	-	-	-	-	-	-	.75	.05	-	-	-	-	.15	1.35	T	T	-	-	-	-	T	.30	.20	-	3.39		
BELTSVILLE	.12	T	.28	-	-	-	.01	-	-	-	-	-	.96	.04	-	-	-	-	.02	1.00	-	.07	-	-	-	-	T	.12	.01	.01	2.64		
BELTSVILLE	.12	T	.05	.06	.02	-	-	-	-	-	-	-	.41	.02	-	-	-	-	1.00	.09	.01	-	.05	.05	-	-	-	.13	.07	-	2.59		
BELTSVILLE PLT IND STAI	.12	T	.24	.03	-	-	.02	-	-	-	-	-	.74	.95	.04	-	-	-	.02	1.02	-	.06	-	.05	-	-	-	.13	T	.15	2.83		
BELTSVILLE PLT IND STAI	.12	T	.21	.03	-	-	.02	-	-	-	-	-	.82	.04	-	-	-	-	.03	1.02	-	.08	.08	-	-	-	-	.14	T	.14	2.71		
BELTSVILLE PLT IND STAI	.12	T	.19	.03	-	-	.02	-	-	-	-	-	.60	.05	-	-	-	-	.02	.98	-	.08	.08	-	-	-	-	.15	T	.12	2.42		
BELTSVILLE PLT IND STAI	.12	T	.22	.03	-	-	.02	-	-	-	-	-	.77	.05	-	-	-	-	.02	1.03	-	.07	.06	-	-	-	-	.15	T	.10	2.64		
BELTSVILLE PLT IND STAI	.13	T	.22	.01	-	-	.02	-	-	-	-	-	.73	.04	-	-	-	-	.01	1.04	-	.09	.07	-	-	-	-	.15	T	.14	2.65		
BELTSVILLE PLT IND STAI	.12	-	.09	.13	.02	-	.02	-	-	-	-	-	.48	.27	-	-	-	.01	.91	.10	.07	.01	.06	-	-	-	.01	.11	.14	-	2.55		
BELTSVILLE PLT IND STAI	.13	T	.20	.03	-	-	.02	-	-	-	-	-	.65	.05	-	-	-	-	.01	1.06	-	.09	.07	-	-	-	-	.15	T	.11	2.57		
BENSON POLICE BRKS	.17	.02	.40	-	-	-	-	-	T	-	-	-	.70	.11	-	-	-	-	.12	1.56	-	.04	.10	-	-	-	T	.38	.25	-	3.85		
BENTLEY SPRINGS	.16	-	.20	.35	-	-	-	-	-	-	-	-	.60	.05	-	-	-	-	.28	.90	-	-	.18	-	-	-	-	.26	.20	.03	3.21		
BETHESDA	.10	-	.08	.15	-	.03	.27	-	-	-	-	-	.52	.05	-	-	-	.01	.53	.07	.02	.21	-	-	-	-	-	.15	.11	-	2.09		
BETHESDA NIH	.16	-	.05	.18	-	-	.09	-	-	-	-	-	.15	.62	-	-	-	-	.46	.42	-	-	-	-	-	-	.02	.11	.17	-	2.64		
BLACKWATER REFOGE	-	-	.25	.07	-	-	-	.18	-	-	-	-	.62	-	-	-	-	.06	T	1.26	-	.16	-	-	-	-	-	-	.24	-	2.84		
BRIGHTON DAM	.15	-	.05	.24	-	-	T	-	-	-	-	-	.85	T	-	-	-	.04	.12	.78	-	.10	.08	-	-	-	T	.22	.08	-	2.64		
BROOKDALE	.17	-	.05	.29	.02	-	.34	-	-	-	-	-	.37	.02	-	-	-	T	.66	.72	-	.27	.04	-	-	-	T	.10	.18	T	3.84		
BROOKSIDE MANOR	.15	T	.11	.26	-	-	.10	-	-	-	-	-	.01	.83	T	-	-	T	.31	.81	-	.12	.05	-	-	-	.06	.07	.08	-	2.96		
BURNT MILLS RESERVOIR	.02	-	.48	.04	-	-	.02	.01	-	-	-	-	.85	.09	-	-	-	-	1.30	-	-	.05	.03	-	-	-	-	.18	T	.12	3.19		
CAMBRIDGE	.05	T	.05	.35	-	-	.10	-	-	-	-	-	.60	.06	-	-	-	.01	.06	1.22	-	.18	T	-	-	-	T	.08	.25	-	3.00		
CHARLOTTE HALL	.12	-	.01	.08	.26	-	.04	.04	-	-	-	-	.01	.77	.02	-	-	.01	.29	.86	-	.17	.01	-	-	-	T	.08	.07	.09	2.86		
CHELTENHAM	.09	.02	.25	.06	-	-	.02	.12	-	-	-	-	.99	.05	T	-	-	-	.03	1.13	-	.05	.02	-	-	-	T	.06	T	.09	2.98		
CHESTERTOWN	.16	-	.03	.28	-	-	-	-	-	-	-	-	.12	.56	T	-	-	-	.20	.67	T	.08	-	-	-	-	T	.23	.38	-	2.69		
CHESWILL BRIDGEPORT	.22	-	.03	.31	-	-	.03	-	T	-	-	-	.04	.89	T	T	-	.03	.35	.61	T	.15	.08	T	T	-	T	.01	.56	.58	-	3.89	
CLEAR SPRING	.20	-	.40	-	-	-	.10	T	-	-	-	-	.07	.90	T	T	-	.06	.89	.07	-	-	-	-	-	-	T	.59	1.01	.10	4.39		
COCKEYSVILLE	.23	-	.15	.18	-	-	.01	-	-	-	-	-	.30	.58	.03	-	-	-	1.12	.12	.02	-	.25	-	-	-	T	.32	.70	-	4.01		
COLLEGE PARK	.17	-	.32	-	-	-	.02	T	-	-	-	-	.65	-	-	-	-	-	.20	.80	-	.07	.09	-	-	-	-	.38	.08	-	2.76		
COLLEGE PARK U OF MD	.15	-	.01	.19	T	-	.02	-	-	-	-	-	.19	.87	-	-	-	T	.13	.83	-	.09	.05	-	-	-	.02	.10	.13	-	2.33		
CONOWINGO DAM	.16	-	.09	.31	T	-	.01	T	-	-	-	-	.11	.66	.03	-	-	-	1.07	.37	.05	.02	.08	-	-	-	-	.57	.28	-	3.81		
CONOWINGO POLICE BRKS	.05	.02	.06	-	-	-	-	-	-	-	-	-	.08	.02	-	-	-	-	.01	1.50	-	T	.04	-	-	-	T	.40	.08	-	2.26		
CRISFIELD	.10	-	.15	.19	-	-	-	.31	-	-	-	-	.15	.19	-	-	-	-	.15	1.18	-	.15	.05	-	-	-	-	.05	-	.13	-	2.72	
CUMBERLAND	.23	T	.41	T	-	-	.10	-	-	-	-	-	.80	T	-	-	-	-	.05	.70	-	-	.08	T	-	-	-	.37	.04	1.24	4.02		
CUMBERLAND POLICE BRKS	.09	.22	.19	-	-	-	-	-	-	-	-	-	.11	.40	T	-	-	.24	.34	.08	-	.15	T	-	-	-	.13	.15	1.10	-	3.20		
DALECARLIA RESERVOIR DC	.13	-	.26	.05	-	-	.05	.01	-	-	-	-	.90	-	-	-	-	-	.20	1.90	-	.16	-	-	-	-	.10	.08	.03	-	3.91		
DISTRICT HEIGHTS	.13	-	.03	.24	-	-	.05	-	-	-	-	-	.16	.78	T	-	-	T	.01	.56	-	.13	T	.01	-	-	.01	T	.10	-	2.21		
DUNDALK	.18	-	.02	.35	-	-	T	-	-	-	-	-	.63	.03	-	-	-	-	.25	1.13	-	.03	.06	-	-	-	T	.18	.12	-	2.98		
EASTON POLICE BRKS	.13	T	.02	.08	.13	-	-	-	-	-	-	-	.58	.03	-	-	-	.02	.05	1.05	-	.03	.03	-	-	-	-	.13	.25	-	2.70		
EDGEWATER	.20	-	.38	-	-	-	.08	-	-	-	-	-	1.40	.12	-	-	-	-	.08	.96	-	.10	.04	-	-	-	-	.45	.15	.80	4.78		
ELKTON	.18	-	.40	-	-	-	-	-	-	-	-	-	.76	.04	-	-	-	-	.12	1.10	-	.11	.10	-	-	-	.03	.59	.20	.18	3.61		
EMMITTSBURG	.28	-	.15	.42	-	-	T	-	T	-	-	-	.52	T	T	-	-	T	.72	.92	-	.35	.11	-	-	-	T	.50	.71	.14	4.82		
FALLSTON	.14	-	.30	-	-	-	T	-	T	-	-	-	.82	.08	-	-	-	T	1.08	.28	-	.10	-	-	-	-	T	.30	.20	-	3.12		
FORT GEORGE G MEADE	.24	-	.01	.32	T	-	-	-	T	-	-	-	.15	.05	-	-	-	T	.17	.20	-	.02	.17	-	-	-	.02	.17	.22	-	3.45		
FREDERICK POLICE BRKS	.29	-	.02	.17	-	-	.02	-	-	-	-	-	.32	.01	-	-	-	.02	.20	.72	-	.13	-	-	-	-	.05	.34	.62	.21	3.12		
FREDERICK WB AIRPORT	.30	-	.01	.22	.01	-	.02	-	-	-	-	-	.46	.03	T	-	-	-	.04	.93	-	.20	.04	-	-	-	T	.28	.02	.29	2.85		
FREDERICK 3 E	.28	.05	.35	-	-	-	-	-	-	-	-	-	.41	-	-	-																	

DAILY PRECIPITATION

MARYLAND AND DELAWARE
MARCH 1951

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		
WESTERN PORT	.42		.02	.42			.35						.36					.05	.40	.08		.01							.20	.20	1.18	3.69	
WESTMINSTER	.21		T	.39			T							.57	.06			.03	.18	.72	.24			.05					T	.18	.16	2.79	
WHALEYSVILLE	.08		T	.22										.68					.12	1.23				.13						.02	.77	.16	3.41
WHITE HALL	.15			.01	.32									.63	.11				.14	.85		.13	.08						T	.38	.32	3.12	
WILLIAMSPORT	.25				.38				.05					.71	T				.04	.88		.02	.01							.24	.11	.88	3.57
WOODSTOCK COLLEGE	.24	.02	.02	.28			.01							.86	.01			.02	.20	.80		.06		.08				.01	.23	.08	.05	2.97	
* DELAWARE																																	
BRIDGEVILLE	.10	T	T	.18										.70	.07			T	.03	.92		.21		.02						.18		2.41	
DELAWARE CITY BERRY PT	.06		*	.40										.48					1.05			.08		.10						.14	.12	.31	2.74
DOVER	.07	T	T	.55	.01	T			T				T	.86	.01				.98			.12					T		.10	.42	T	3.13	
GEORGETOWN	.05			.11	.02				T					.68	.05				.06	1.42		.10		.01							.31		2.81
LEWES	.07			.29					T					.80	.03				.25	1.10		.11		.18					.07	1.60		4.50	
MILLSBORO	.08			.25					T	T				.49					.09	1.09		.08		.02							1.45		3.55
NEWARK COLLEGE FARM	.22	.04		.40										.70	.02				.08	1.53		.06		.10				T	.35	.65	.45	4.15	
WILMINGTON WB N CASTLE R	.20		.12	.28			.02		T				.09	.45	.01				1.26	.21	.04	T		.12			T		.32	.64		3.76	
WILMINGTON CITY HALL	.17		*	.44			.04		T					.50	.02					1.87		.07		.09						.21	.31	.57	4.29
WILMINGTON PORTER RESRV	.15		.15	.25			.02		T				.36	.46	T				1.74	.27	.03	.01		.03			T		.38	.56		4.13	

MARYLAND AND DELAWARE
MARCH 1951

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	-	-	-	-	-	-		.06	.08	.01															.15	
BALTIMORE WB AIRPORT								.02	.07	.04	.01	.01													.15	
BALTIMORE WB CITY									.01	.03															.15	
BELTSVILLE								.01	.06	.04	.01														.04	
BELTSVILLE PLT IND STAS									.06	.04															.12	
BETHESDA									.07	.02	.01														.10	
COCKEYSVILLE									.10	.08	.02	.03													.23	
GLEN ECHO									.05	.03	.01														.09	
GRANTSVILLE				.10	.08	.02																			.20	
LEONARDTOWN 4 SSW								.01	.08	.04	.01							.01							.15	
LUKE				.04	.27	.04	.01	.01																	.37	
NEW GERMANY				.06	.03	.01																			.10	
SALISBURY CAA AIRPORT	6								*	*	*	*	*	.06											.21	
SAVAGE RIVER DAM																									.40	
SHARPTOWN				.14	.07																				.31	
SINES DEEP CREEK				.02	.05	.17	.09	.07																	.13	
UNIONVILLE						.09		.15	.04	.02	.01															
WASHINGTON WB CITY DC								.03	.08	.01	.01															
-2d-																										
MARYLAND																										
SINES DEEP CREEK																							.01		.01	
-3d-																										
MARYLAND																										
BALTIMORE WB AIRPORT																		.02	.06	.02	.02	.04	.04		.20	
BALTIMORE WB CITY																	.01	.01	.02	.03	.01	.03	.07	.04	.22	
BELTSVILLE																			.01	.01	.01	.01	.01	.01	.05	
BELTSVILLE PLT IND STAS																			.01	.02	.03	.01	.02	.03	.09	
BETHESDA																			.01	.02	.01	.02	.02	.08	.08	
COCKEYSVILLE																			.01	.02	.03	.01	.04	.07	.15	
GLEN ECHO				.01	.01	.01													.01	.03	.01	.02	.06	.13		
GRANTSVILLE																								.36		
LEONARDTOWN 4 SSW									.01	.01						.03		.10	.07	.01	.03	.04	.03	.03	.36	
LUKE									.01	.01						.02	.03	.06	.10	.02	.01	.01	.01	.01	.28	
NEW GERMANY																.01	.04	.02	.02			.01	.01	.10	.10	
SALISBURY CAA AIRPORT	6															.01	.06	.01		.15	.06	.01	.02	.04	.39	
SAVAGE RIVER DAM									.01	.02						.01	.06	.01		.02	.10	.01	.02	.05	.36	
SINES DEEP CREEK									.04							.03	.04		.02	.10	.01	.02	.05	.05	.36	
UNIONVILLE																.01	.01	.01	.03	.02	.01	.01	.02	.04	.16	
WASHINGTON WB CITY DC																										
-4th-																										
MARYLAND																										
BALTIMORE WB AIRPORT	.06	.03	.02						.01	.01															.13	
BALTIMORE WB CITY	.08	.05	.02																						.15	
BELTSVILLE	.03	.02	.01																						.06	
BELTSVILLE PLT IND STAS	.06	.03	.01		.01		.01	.01																	.13	
BETHESDA	.07	.04	.02													.02								.15		
COCKEYSVILLE	.08	.07	.03																						.18	
GLEN ECHO	.02	.04	.02		.01			.01			.01														.11	
GRANTSVILLE	.04	.03	.03	.01	.04	.05		.01	.01	.01														.23		
LEONARDTOWN 4 SSW	.01	.01	.07								.02	.01	.01	.01	.01		.01							.15		
LUKE	.01	.01	.02	.03	.01		.01	.07			.01	.01	.01	.01			.01							.20		
NEW GERMANY	.01	.07	.02	.01		.01	.07																		.10	
SALISBURY CAA AIRPORT	6	* .08	*	*	*	*	*	.01	*	*	*	*	*	.05	*	*	*	*	*	.01					.29	
SAVAGE RIVER DAM		.01	.01	.03	.04	.01																		.10		
SINES DEEP CREEK		.04	.04	.06	.05	.03	.03	.03	.01															.29		
UNIONVILLE		.06	.02																					.08		
WASHINGTON WB CITY DC		.05	.03	.01					.01			.01													.11	
-5th-																										
MARYLAND																										
ABERDEEN PHILLIPS FLD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.02	
BELTSVILLE		.01	.01																						.02	
BELTSVILLE PLT IND STAS																									.06	
GLEN ECHO	.03	.02	.01																						.05	
LEONARDTOWN 4 SSW			.02	.02	.01	*	*	.01																	.04	
SALISBURY CAA AIRPORT	6		.04	*	*	*	*	*	.01																.04	
WASHINGTON WB CITY DC																										
-6th-																										
MARYLAND																										
BETHESDA		.02	.01																						.03	
GLEN ECHO									.02	.01	.01														.04	
GRANTSVILLE												.01	.01												.02	
LUKE												.01	.01												.02	
SAVAGE RIVER DAM												.03													.03	
-7th-																										
MARYLAND																										
BELTSVILLE PLT IND STAS								.02																	.02	
BETHESDA	*	*	*	*	*	*	*	*	.06	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.21	.27
COCKEYSVILLE		.01						.01	.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.01	
GLEN ECHO								.01	.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.15	
GRANTSVILLE						.09	.20	.05	.01			.03	.01	.01			.01	.01	.05						.39	
LEONARDTOWN 4 SSW							.01	.01	.03																.13	
LUKE				.02	.06	.01	.01	.17	.01																.29	
NEW GERMANY		.04	.03		.02		.04	.25																	.38	
SALISBURY CAA AIRPORT	6							.09	.21	.04	.01														.35	
SAVAGE RIVER DAM								.01	.13	.01															.48	
SINES DEEP CREEK		.01	.04			.04	.24																		.02	
UNIONVILLE								.05	.02																.13	
WASHINGTON WB CITY DC																		.04								

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

MARYLAND AND DELAWARE
MARCH 1951

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		
DELAWARE WILMINGTON WB N CASTLE		6														*	*	*	*	*	.02						
																-8th-											
MARYLAND SALISBURY CAA AIRPORT SHARPTOWN		6	*	.04																							
																-12th-											
MARYLAND ABERDEEN PHILLIPS FLD																-13th-											
MARYLAND BALTIMORE WB AIRPORT BALTIMORE WB CITY BELTSVILLE BELTSVILLE PLT IND STA5 BETHESDA COCKEYSVILLE GLEN ECHO GRANTSVILLE LEONARDTOWN 4 SSW LUKE NEW GERMANY SALISBURY CAA AIRPORT SAVAGE RIVER DAM SHARPTOWN SINES DEEP CREEK UNIONVILLE WASHINGTON WB CITY DC		6																			.04 .02 .13 .11 .07 .01 .19 .02 .09 .01 .02 .04 .18 .11 .08	.09 .05 .09 .05 .05 .03 .01 .09 .01 .08 .08 .18 .11 .08	.14 .12 .07 .07 .15 .14 .07 .07 .08 .21 .22 .09	.20 .04 .13 .07 .05 .10 .11 .02 .01 .03 .03 .11	.05 .13 .21 .05 .08 .15 .01 .02 .18 .12	.19 .45 .74 .48 .52 .30 .62 .15 .71 .24	
WILMINGTON WB N CASTLE		6														-14th-							*	*	*	*	
MARYLAND BALTIMORE WB AIRPORT BALTIMORE WB CITY BELTSVILLE BELTSVILLE PLT IND STA5 BETHESDA COCKEYSVILLE GLEN ECHO GRANTSVILLE LEONARDTOWN 4 SSW LUKE NEW GERMANY SALISBURY CAA AIRPORT SAVAGE RIVER DAM SHARPTOWN SINES DEEP CREEK UNIONVILLE WASHINGTON WB CITY DC		6	.35 .16 .19 .17 .02 .10 .15 .02 .05 .09 * * .16 .02 .14 .17	.19 .16 .05 .02 .16 .01 .01 .03 .03 .02 * * .06 .01 .13 .01	.03 .11 .01 .01 .01 .10 .01 .03 .06 .07 * * .01 .03		.01 .01 .02 .10 .01 .01 .01 .01 .03 .01 * * .02 .01	.01 .01 .01 .01 .01 .01 .01 .01 .01 .01 * * .01 .01																			
DELAWARE WILMINGTON WB N CASTLE		6	*	.11	*	*	*	*	.41						*	*	*	*	*	*	.01	*	*	*	*		
																-15th-											
MARYLAND BELTSVILLE COCKEYSVILLE GRANTSVILLE NEW GERMANY SALISBURY CAA AIRPORT SINES DEEP CREEK		6		.02 .01 .03 * * * *	.01 .01 .01 .01 .01 .01 .01			.01 .01 .01 .01 .01 .01 .01	.02 .03 .01 .01 .01 .01 .01												.03 .02 .02 .02 .01 .02 .01	.01 .01 .01 .01 .01 .01 .01	.01 .01 .01 .01 .01 .01 .01	.01 .01 .01 .01 .01 .01 .01	.01 .01 .01 .01 .01 .01 .01	.02 .03 .15 .01	
DELAWARE WILMINGTON WB N CASTLE		6	*	.01	*	*	*	*	.01							-16th-											
MARYLAND NEW GERMANY SINES DEEP CREEK			.01	.01			.01	.01		.01			.01			-18th-											
MARYLAND BALTIMORE WB AIRPORT BELTSVILLE PLT IND STA5 BETHESDA LUKE NEW GERMANY SAVAGE RIVER DAM SINES DEEP CREEK UNIONVILLE WASHINGTON WB CITY DC																				.02 .01 .03	.01 .01 .01			.01 .01 .01	.01 .01 .01	.04 .01 .01	
MARYLAND ABERDEEN PHILLIPS FLD BALTIMORE WB AIRPORT BALTIMORE WB CITY BELTSVILLE BELTSVILLE PLT IND STA5 BETHESDA COCKEYSVILLE GLEN ECHO GRANTSVILLE LEONARDTOWN 4 SSW LUKE NEW GERMANY SALISBURY CAA AIRPORT SAVAGE RIVER DAM SHARPTOWN SINES DEEP CREEK UNIONVILLE WASHINGTON WB CITY DC		6																		.04 .02 .01 .03 .02							

Table 4--Continued

HOURLY PRECIPITATION

MARYLAND AND DELAWARE
MARCH 1951

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		
DELAWARE																											
WILMINGTON WB N CASTLE	6															*	*	*	*		.15	*	*	*	*		
		-20th-																									
MARYLAND																											
ABERDEEN PHILLIPS FLD		.06	.02	.05																						.13	
BALTIMORE WB AIRPORT		.01	.03	.03																						.07	
BALTIMORE WB CITY		.03	.01	.03																						.07	
BELTSVILLE		.01	.05	.03																						.09	
BELTSVILLE PLT IND STA5		.03	.04	.01			.01	.01																		.10	
BETHESDA			.04															.03								.07	
COCKEYSVILLE		.04	.03	.02					.01																.03	.12	
GLEN ECHO		.03	.02	.01			.01																			.07	
LEONARDTOWN 4 SSW		.14	.02	.01																						.18	
NEW GERMANY										.06	.02				.02	.03		.03								.16	
SALISBURY CAA AIRPORT	6	*	.79	*	*	*	*	*	.24																	.08	
SAVAGE RIVER DAM		.02	.06																							.46	
SHARPTOWN		.23	.15	.06					.02																	.03	
UNIONVILLE		.01	.02																							.08	
WASHINGTON WB CITY DC		.03	.04	.01																							
DELAWARE																											
WILMINGTON WB N CASTLE	6	*	1.15	*	*	*	*	*	.17																		
		-21st-																									
MARYLAND																											
ABERDEEN PHILLIPS FLD		.01																					.01	.01	.01	.01	
BALTIMORE WB AIRPORT																								.02	.03	.05	
BELTSVILLE																							.03	.03	.01	.07	
BELTSVILLE PLT IND STA5																										.02	
BETHESDA																										.02	
COCKEYSVILLE		.01	.01																							.02	
GLEN ECHO																		*	*	*	*	*	*	*	*	*	
GRANTSVILLE																				.01						.01	
LEONARDTOWN 4 SSW										.01					.01									.08	.04	.11	
LUKE																										.02	
SALISBURY CAA AIRPORT	6																				*	*	*	*	*	.14	
SHARPTOWN																										.09	
SINES DEEP CREEK																		.01	.04	.05	.04					.14	
UNIONVILLE		.06	.03																		.03	.08		.03	.05	.06	.03
WASHINGTON WB CITY DC		.01	.01	.01		.01																				.14	
DELAWARE																											
WILMINGTON WB N CASTLE	6	*	.04																								
		-22d-																									
MARYLAND																											
BELTSVILLE		.01				.01	*	*	*	*	*	*	.12													.01	
BELTSVILLE PLT IND STA5		*	*	*	*	*	*	*	*	*	*	*	*													.01	
GLEN ECHO		.01	.02	.01	*	*	*	*	*	.01																.12	
LEONARDTOWN 4 SSW	6	*	.07	*	*	*	*	*	.01																	.04	
SALISBURY CAA AIRPORT																											
SAVAGE RIVER DAM		.06	.03																							.09	
SHARPTOWN																										.02	
SINES DEEP CREEK		.01	.01	.01		.01										.01										.03	
UNIONVILLE																											
DELAWARE																											
WILMINGTON WB N CASTLE	6	*	.04																								
		-23d-																									
MARYLAND																											
BALTIMORE WB AIRPORT								.01	.03																	.04	
		-24th-																									
MARYLAND																											
BALTIMORE WB CITY								.02	.04																	.06	
BELTSVILLE PLT IND STA5								.05	.01																	.06	
COCKEYSVILLE								.04			.21															.25	
GRANTSVILLE																		.01	.01	.02						.04	
LUKE					.08	.01	.06			.01																.16	
NEW GERMANY					.08	.01				.01																.29	
SALISBURY CAA AIRPORT	6									*	.03	.05	.04	.05	.01	.01	*	*	*	*	.03					.24	
SINES DEEP CREEK				.02	.06	.14	.01						.01													.04	
WASHINGTON WB CITY DC								.02	.02																		
DELAWARE																											
WILMINGTON WB N CASTLE	6	*	*	*	*	*	*	.02	*	*	*	*	*	.10													
		-28th-																									
MARYLAND																											
ABERDEEN PHILLIPS FLD		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALTIMORE WB AIRPORT																.01								.01		.01	
BALTIMORE WB CITY																										.01	
BELTSVILLE PLT IND STA5																										.01	
LEONARDTOWN 4 SSW																										.01	
SINES DEEP CREEK																										.09	
WASHINGTON WB CITY DC													.01	.01		.03	.04	.01								.01	
		-29th-																									
MARYLAND																											
BALTIMORE WB AIRPORT		.01	.01		.02	.01	.02	.03	.01	.03														.01		.15	
BALTIMORE WB CITY					.01	.01	.01	.02	.04	.04	.01												.01			.15	
BELTSVILLE		.01		.01		.05	.01	.01	.02	.02			.02													.13	
BELTSVILLE PLT IND STA5				.01	.02	.01	.02	.02	.03																	.11	
BETHESDA		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.15	
COCKEYSVILLE			.01	.01	.02	.01	.04	.06	.04	.01	.02	.01											.05	.04		.32	
GLEN ECHO		.01	.02		.01	.01	.01			.01			.01	.01	.01	.02										.11	
GRANTSVILLE																										.06	
LEONARDTOWN 4 SSW		.01			.01			.03	.05	.05	.03				.01	.01	.01	.01		.01	.01					.04	
LUKE								.03	.05	.02	.07	.01			.01	.01	.06									.20	
NEW GERMANY		.01	.01					.03	.05	.02	.07	.01			.01	.01	.01									.27	
SALISBURY CAA AIRPORT	6	*	*	*	*	*	*	*	.01	*	*	*	*	*	*	*	.01									.05	
SHARPTOWN								.01	.03	.01																.30	
SINES DEEP CREEK		.01	.02		.01	.03	.05	.10	.06	.02																.21	
UNIONVILLE		.01	.01		.04	.04	.04	.04	.04	.02	.01			.01												.21	
WASHINGTON WB CITY DC			.01		.01	.01	.01	.01					.01													.05	
DELAWARE																											
WILMINGTON WB N CASTLE	6	*	*	*	*	*	*	.10	*	*	*	*	*	.11	*	*	*	*	*	.06	*	*	*	*	*	*	

Table 4-Continued

HOURLY PRECIPITATION

MARYLAND AND DELAWARE
MARCH 1951

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		
-30th-																										
MARYLAND																										
BALTIMORE WB AIRPORT												.01			.06	.01	.05	.05		.01					.19	
BALTIMORE WB CITY												.01			.05	.07	.04	.01							.18	
BELTSVILLE															.01	.02	.14								.17	
BELTSVILLE PLT IND STAS															.04	.01	.08			.01					.14	
BETHESDA		.01														.01	.02	.01		.05	.01				.17	
COCKEYSVILLE		.01	.02																						.70	
GLEN ECHO										.01		.02	*	*	*	*	*	.65							.17	
GRANTSVILLE										.29	.04	.09	.20	.16	.06			.06	.02						.84	
LEONARDTOWN 4 SSW													.01	.28	.01										.30	
LUKE									.16	.32	.07	.15	.20	.03	.01		.01								.95	
NEW GERMANY									.37	.14	.12	.25	.17	.04	*	.03	*								1.17	
SALISBURY CAA AIRPORT	6	*	*	*	*	*	*	.01	*	*	*	*	*	*	*	.01				.07		.35				.11
SHARPTOWN														.01	.03		.06	.01							.78	
SINES DEEP CREEK						.01	.01	.01	.35	.09	.08	.10	.08	.04	.01	.17	.01	.10							.44	
UNIONVILLE														.06	.10			.01	.10						.08	
WASHINGTON WB CITY DC										.01	.01			.03			.02	.01								
DELAWARE																										
WILMINGTON WB N CASTLE	6	*	.07												*	*	*	*	*	.42	*	*	*	*		
-31st-																										
MARYLAND																										
ABERDEEN PHILLIPS FLD		-	-	-	-	-	-	-	-	.06	.01	.01	-	-	-	-	-	-	-	-	-	-	-	-	.08	
NEW GERMANY		-	-	-	-	-	-	-	-				-	-	-	-	-	-	-	-	-	-	-	-		
SAVAGE RIVER DAM		-	-	-	-	-	-	-	-				-	-	-	-	-	-	-	-	-	-	-	-		
DELAWARE																										
WILMINGTON WB N CASTLE	6	*	.20																							

See reference notes following Station Index.

DAILY TEMPERATURES

MARYLAND AND DELAWARE
MARCH 1951

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	
ABERDEEN PHILLIPS FLD	MAX	42	57	40	47	55	53	61	60	44	41	46	55	44	43	44	47	49	47	48	48	56	41	65	61	49	44	54	55	65	66	67	51.4
	MIN	36	34	35	40	34	29	38	33	31	25	27	31	30	35	34	34	33	31	40	35	33	24	27	37	27	31	23	41	48	48	36	33.5
ANNAPOLIS U S N ACADEMY	MAX	44	60	42	46	52	50	58	51	47	42	45	48	44	44	46	47	49	45	51	51	47	43	58	64	49	46	49	51	56	49	56	49.6
	MIN	37	37	37	39	39	36	44	39	32	27	29	33	36	34	32	38	35	35	39	35	32	28	35	37	35	31	26	43	46	49	45	36.1
BALTIMORE SLEDGTS PT	MAX	46	59	58	47	55	57	70	61	56	42	46	51	50	44	47	45	49	47	45	49	64	49	70	65	50	51	58	60	64	63	63	54.2
	MIN	36	32	36	38	38	30	38	35	36	26	25	34	33	35	30	35	34	34	38	33	33	26	30	45	31	30	26	41	51	55	42	35.0
BALTIMORE WB AIRPORT	MAX	44	60	42	49	57	56	70	61	46	43	47	55	44	45	46	47	50	45	48	49	56	43	70	64	50	47	57	56	64	63	62	52.8
	MIN	37	34	36	41	35	31	41	32	30	25	24	30	33	33	30	34	33	30	39	33	32	26	29	36	31	29	24	41	50	46	42	33.8
BALTIMORE WB CITY	MAX	45	60	41	49	57	55	70	61	47	43	46	53	45	45	46	48	50	46	49	51	55	44	70	65	51	47	56	56	63	63	62	52.9
	MIN	37	37	36	40	41	37	45	42	31	27	28	33	36	34	33	38	37	36	42	34	33	27	36	38	36	31	36	45	53	49	45	37.2
BALTIMORE PARKVILLE	MAX	46	58	55	46	56	53	64	61	55	41	45	55	49	43	44	46	49	47	45	49	54	49	66	63	49	46	54	52	61	61	62	52.4
	MIN	35	34	34	36	34	31	41	34	33	24	26	30	30	30	31	35	34	30	38	31	33	24	38	43	30	27	27	39	49	56	43	34.2
BELTSVILLE	MAX	49	44	62	42	47	49	58	70	60	45	42	47	54	45	41	46	48	50	45	49	49	59	44	70	62	50	46	59	54	68	66	52.3
	MIN	32	29	32	37	32	27	31	29	31	21	23	26	27	34	29	32	29	25	30	30	29	27	26	34	32	27	17	31	45	52	34	30.3
BELTSVILLE PLT IND STA1	MAX	48	44	62	42	48	59	59	70	59	45	42	47	55	46	37	47	48	48	45	49	49	59	44	70	61	51	46	60	57	68	67	52.6
	MIN	32	27	35	36	31	26	34	28	27	22	20	28	26	32	27	27	29	23	35	29	27	24	21	38	29	26	18	38	47	53	33	29.9
BELTSVILLE PLT IND STA2	MAX	48	44	62	42	48	59	58	71	59	45	43	47	55	46	40	47	48	48	45	49	49	59	45	70	62	51	46	59	56	68	67	52.8
	MIN	31	28	36	37	31	25	34	26	26	21	22	27	25	31	28	27	28	23	36	30	28	25	21	40	29	27	18	36	47	54	32	30.0
BELTSVILLE PLT IND STA3	MAX	48	44	62	42	48	59	58	70	59	45	43	47	54	45	40	47	48	48	45	48	49	59	45	70	63	51	46	59	56	68	66	52.7
	MIN	35	28	36	37	33	29	34	31	29	23	23	29	29	35	28	33	32	25	36	30	29	24	24	39	30	27	19	39	48	53	37	31.7
BELTSVILLE PLT IND STA4	MAX	47	46	62	41	47	58	58	70	58	45	42	46	54	44	39	46	48	48	45	48	48	58	44	70	61	50	45	58	56	68	67	52.2
	MIN	35	30	35	36	35	30	34	33	33	23	23	28	31	35	29	33	33	28	35	29	31	24	27	41	31	27	22	40	48	53	40	32.6
BELTSVILLE PLT IND STA5	MAX	49	45	62	42	48	58	58	70	59	45	42	46	53	46	41	47	49	48	46	49	49	59	45	70	62	51	46	59	56	68	67	52.7
	MIN	30	22	36	37	30	25	32	27	25	21	17	25	24	30	27	26	27	22	36	30	26	24	20	44	27	26	17	36	46	54	31	29.0
BELTSVILLE PLT IND STA6	MAX	48	45	62	41	47	58	59	70	59	46	42	46	53	45	40	47	49	48	45	49	49	59	45	70	62	51	46	59	56	68	67	52.6
	MIN	35	30	36	37	36	31	37	34	33	23	23	29	30	29	29	35	33	28	36	30	31	24	20	44	27	26	17	36	46	54	42	32.3
BENSON POLICE BRKS	MAX	46	56	54	45	58	59	62	61	56	48	44	53	53	47	47	46	48	47	47	47	54	53	62	62	47	46	51	51	60	61	62	52.7
	MIN	31	30	33	35	30	25	35	34	30	21	25	30	22	37	28	30	32	25	37	31	30	22	24	46	26	23	21	37	47	56	35	31.3
BENTLEY SPRINGS	MAX	41	55	44	42	52	53	68	59	50	40	43	52	45	42	42	46	47	46	43	45	55	48	65	60	50	43	55	51	60	60	58	50.3
	MIN	33	27	32	34	28	29	37	30	29	20	23	26	27	35	27	35	32	23	36	29	28	20	22	44	26	20	18	34	48	54	35	30.4
BETHESDA NIH	MAX	44	61	54	47	58	58	71	61	49	43	45	53	45	45	46	47	47	44	45	48	59	50	70	66	51	45	59	56	69	68	62	53.7
	MIN	37	30	37	38	32	30	47	35	34	24	25	28	30	34	32	37	33	37	30	30	24	27	40	34	28	22	44	52	48	54	39	33.7
BLACKWATER REFUGE	MAX	46	58	58	48	54	52	64	64	48	40	41	49	48	46	44	48	46	44	45	52	48	46	60	61	53	45	49	54	60	58	58	51.2
	MIN	32	36	38	40	39	29	44	35	33	24	28	30	28	38	30	32	30	32	30	44	44	47	60	61	48	30	31	24	40	49	54	35
BRIGHTON DAM	MAX	47	58	57	46	56	58	67	67	57	41	44	52	52	45	46	46	47	49	44	47	58	56	69	68	49	52	58	67	66	61	54.5	
	MIN	30	29	35	37	31	24	34	27	29	23	20	30	26	33	27	30	34	22	36	31	28	25	21	45	26	24	18	35	47	55	33	30.5
BRIGHTWOOD DC	MAX	49	44	61	42	47	56	57	67	57	48	42	45	51	45	41	48	48	48	45	48	48	58	45	69	63	50	46	58	57	69	69	52.3
	MIN	39	37	38	39	38	32	35	40	38	26	27	31	34	37	33	37	35	33	38	31	35	27	31	43	35	30	29	45	49	56	42	36.1
BROOKSIDE MANOR	MAX	46	64	54	48	60	60	69	64	54	43	47	56	49	45	48	51	49	46	45	50	61	53	71	67	53	47	60	57	71	68	64	55.5
	MIN	36	31	38	38	35	30	39	33	30	25	26	30	30	36	31	33	34	27	38	31	31	27	26	40	33	30	23	44	50	55	38	33.8
CAMBRIDGE	MAX	52	60	49	55	54	57	67	57	47	41	43	50	47	49	49	50	49	51	48	50	55	46	65	68	51	44	55	60	68	64	62	53.6
	MIN	36	36	39	38	35	28	44	34	33	27	28	32	28	37	29	33	33	31	34	34	40	27	27	46	33	31	23	41	52	52	37	34.8
CHARLOTTE HALL	MAX	48	66	62	55	56	59	70	68	51	43	47	51	50	47	51	51	50	46	46	50	55	50										

DAILY TEMPERATURES

MARYLAND AND DELAWARE
MARCH 1951

Table 5-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		
FALLSTON	MAX MIN	46 31	56 27	51 29	45 32	55 30	54 26	63 37	61 32	55 30	40 19	45 20	54 26	51 26	41 32	44 26	47 28	50 28	47 25	46 34	48 27	54 29	48 19	63 25	62 41	49 23	47 21	53 23	51 36	60 46	62 53	60 34	51.9 29.5
FORT GEORGE G MEADE	MAX MIN	46 31	60 26	55 34	55 35	47 28	59 37	57 30	68 35	58 28	43 21	47 20	56 26	55 25	45 32	44 26	51 30	49 29	44 34	51 21	49 34	51 28	59 26	54 22	71 24	69 41	52 33	51 23	58 36	65 48	65 51	55.5 29.1	
FREDERICK POLICE BRKS	MAX MIN	47 33	60 27	57 34	45 34	55 29	58 28	69 38	64 31	57 32	43 21	45 18	51 24	51 28	43 32	46 29	45 36	48 33	48 25	42 35	47 27	58 29	54 24	68 24	66 41	48 33	48 21	59 37	58 49	66 51	66 49	54.0 30.6	
FREDERICK WB AIRPORT	MAX MIN	49 33	57 30	59 36	54 36	44 31	52 26	66 39	58 28	69 42	44 23	48 22	49 29	53 32	43 27	45 30	46 38	45 35	46 38	47 34	43 26	45 29	56 30	58 24	64 22	68 48	50 34	49 21	57 19	59 37	63 49	65 57	53.7 32.1
FRIENDSVILLE	MAX MIN	63 37	55 26	49 37	50 38	61 25	70 44	63 28	52 31	46 26	38 13	43 19	51 32	48 27	35 26	35 27	33 26	37 30	37 32	40 22	40 20	51 19	39 25	69 23	62 30	40 28	43 17	62 37	55 49	70 64	55 42	50.2 28.5	
FROSTBURG	MAX MIN	61 33	58 34	51 32	49 33	54 27	65 32	65 44	52 28	46 27	38 15	43 21	48 29	42 25	33 25	37 28	33 25	39 26	34 28	35 26	38 19	48 23	37 17	66 26	61 28	40 26	41 28	57 21	54 41	61 47	60 41	48.4 28.2	
GERMANTOWN	MAX MIN	47 38	60 29	52 35	56 34	60 33	61 38	70 38	65 38	57 38	42 22	45 24	53 28	56 33	50 28	41 32	44 32	47 32	41 32	42 37	47 28	58 30	44 23	68 30	57 39	50 33	46 25	58 24	60 40	62 42	68 41	53.7 32.7	
GLENN DALE BELL STA	MAX MIN	47 32	63 29	60 36	47 38	59 31	59 26	70 39	69 30	59 27	42 22	47 26	54 28	45 30	47 28	50 29	46 30	45 23	52 33	59 29	56 25	70 23	68 25	51 23	51 48	59 28	57 18	67 40	67 49	66 53	56.0 30.9		
GRASONVILLE	MAX MIN	45 35	55 35	54 37	50 36	56 36	55 30	65 45	63 35	48 38	42 28	46 29	52 34	51 29	47 38	50 35	52 33	50 30	45 38	47 38	55 35	55 35	50 28	65 28	64 43	52 34	49 31	56 24	56 43	68 51	67 59	53.9 26.0	
GREENBELT	MAX MIN	49 32	44 30	62 35	43 37	47 32	59 26	59 31	69 30	59 32	45 24	43 23	47 26	55 27	45 32	40 29	46 31	48 30	49 24	45 32	51 28	61 25	45 23	71 30	63 29	52 28	46 17	60 26	57 42	69 37	52.6 29.3		
HAGERSTOWN	MAX MIN	46 35	57 28	51 35	44 33	55 33	56 32	68 39	58 32	52 42	45 22	52 22	47 33	42 31	42 31	43 37	47 34	42 28	41 35	47 26	52 33	56 24	62 31	67 40	65 33	47 40	45 33	58 23	57 41	64 49	60 39	52.1 32.4	
HANCOCK FRUIT LAB	MAX MIN	47 34	52 25	61 33	39 35	47 36	60 36	63 45	71 35	58 28	43 21	43 19	55 24	39 31	42 31	49 36	45 34	43 29	40 27	40 25	47 21	57 20	77 29	40 23	72 20	51 29	47 33	41 16	61 56	65 39	61 52	50.9 28.1	
HUNTINGTOWN	MAX MIN	44 36	64 33	61 38	47 38	54 33	56 31	69 44	58 35	52 34	42 24	47 25	51 28	49 30	46 36	48 28	49 33	49 28	41 37	45 31	53 34	55 25	61 30	69 45	58 29	68 45	52 29	66 31	68 42	65 50	64.3 34.1		
KEEDYSVILLE	MAX MIN	50 35	63 25	50 25	45 35	60 34	58 35	69 46	63 39	53 28	48 22	50 24	55 29	49 24	42 34	44 31	42 37	51 33	44 34	42 36	48 30	56 25	53 29	69 68	66 50	58 35	50 22	60 50	54 60	65 49	63 47	54.0 31.9	
LA PLATA	MAX MIN	61 38	58 40	50 41	46 40	58 40	60 32	69 30	55 33	53 34	44 26	48 28	52 26	51 34	44 28	50 30	50 28	45 30	48 34	46 30	56 36	56 25	65 29	71 51	71 26	62 22	64 50	65 41	72 52	69 49	68 34	56.6 33.7	
LEONARDTOWN 4 SSW	MAX MIN	47 37	64 36	62 40	47 41	58 39	58 29	70 44	64 35	56 32	45 26	50 27	53 30	48 30	49 38	54 35	51 34	47 28	47 37	53 34	57 35	47 28	70 35	65 28	58 28	57 55	52 26	59 33	62 42	64 52	63 54	55.9 35.3	
LISBON	MAX MIN	43 31	57 29	47 33	43 34	54 26	55 34	69 36	62 30	53 30	40 20	44 21	52 26	49 31	42 28	45 37	48 32	46 25	43 29	42 27	58 28	49 22	68 23	63 37	48 31	44 22	57 30	52 36	63 46	64 48	61 37	51.9 29.7	
MIDDLE RIVER	MAX MIN	44 38	56 34	52 37	47 38	53 36	52 33	59 43	58 36	52 37	41 28	44 29	53 33	50 34	44 36	47 33	47 36	49 35	46 31	47 40	53 34	47 28	63 36	63 45	49 43	45 34	53 29	53 40	62 49	62 52	51.6 36.2		
MILLINGTON	MAX MIN	46 34	58 37	55 35	45 38	58 32	60 27	65 41	62 30	54 32	43 25	50 27	56 30	51 29	46 38	50 32	52 34	53 29	51 25	48 40	55 35	56 33	49 25	67 45	65 34	52 27	51 40	58 39	58 54	70 60	66 41	55.3 34.0	
NATIONAL ARBORETUM DC	MAX MIN	48 37	64 32	63 40	48 36	60 41	62 36	71 42	69 35	59 25	43 21	47 27	54 36	48 30	49 35	50 35	50 30	52 32	57 30	71 41	71 30	52 41	52 32	51 29	61 24	61 42	57 29	61 42	68 51	68 56	58.2 34.4		
NEW GERMANY	MAX MIN	42 28	59 28	52 29	41 31	47 22	55 24	66 30	60 26	48 30	28 12	34 12	39 28	48 25	39 22	48 33	29 25	28 30	33 25	30 19	32 17	34 15	36 14	46 17	48 34	63 22	38 16	36 14	58 42	49 32	60 48	44.2 24.0	
OAKLAND	MAX MIN	60 34	56 27	50 35	46 42	58 23	64 28	63 38	50 27	42 25	37 13	42 18	57 29	45 23	31 24	32 24	30 22	35 17	33 17	36 23	45 15	35 20	66 20	60 27	58 24	40 15	59 15	56 40	66 48	63 40	47.9 26.1		
OCEAN CITY	MAX MIN	47 39	61 36	42 39	46 40	52 36	53 40	52 33	54 31	43 26	48 27	49 34	45 36	45 34	49 37	53 34	52 33	51 34	51 38	49 37	58 29	42 37	51 38	58 32	45 38	62 34	52 32	46 28	55 45	53 47	60 40	50.9 35.9	
OWINGS FERRY LANDING	MAX MIN	44 35	66 32	53 37	47 39	55 37	58 29	71 44	61 36	50 35	45 23	49 24	53 30	47 36	47 30	51 36	52 38	44 29	47 37	53 31	56 34	50 24	70 32	70 29	52 42	49 30	57 30	58 40	69 51	67 53	64 51	55.0 33.7	
OXFORD	MAX MIN	46 36	55 36	55 38	46 39	52 38	53 30	65 43	63 38	49 37	43 29	43 38	50 31	45 38	49 33	51 36	48 34	44 33	46 38	56 36	54 36	48 31	66 45	61 35	46 45	46 32	52 29	57 41	65 51	62 56	61 44	52.5 36.6	
PICARDY	MAX MIN	59 35	60 36	55 34	46 35	58 29	62 32	68 36	58 30	48 31	40 19	47 16	52 22	49 34	36 30	45 30	48 34	45 35	39 37	39 35	44 32	68 36	43 22	70 24	67 35	45 32	50 22	49 20	55 48	63 50	64 48	52.3 31.7	
PIKESVILLE	MAX MIN	46 33	58 30	53 29	47 37	58 33	67 27	68 35	66 36	56 32	41 21	45 20	52 27	43 33	44 30	48 33	46 30	44 30	46 35	44 29	57 32	50 21	67 32	63 41	48 28	54 24	57 31	62 48	61 54	61 50	53.0 31.7		
POCOMOKE CITY	MAX MIN	52 35	64 39	58 41	53 44	59 28	67 42	63 39	53 31	43 26	4																						

DAILY TEMPERATURES

MARYLAND AND DELAWARE
MARCH 1951

Table 5-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	
SALISBURY U S G S	MAX	50	51	63	53	48	55	60	62	56	50	47	47		52	47	49	53	49	50	56	47	53	50	67	66	52	50		62	71	64	54.5
	MIN	35	38	38	42	39	27	37	36	33	26	26	29		29	31	34	30	30	39	38	23	28	28	49	32	33	22		40	57	40	34.1
SINES DEEP CREEK	MAX	60	54	45	48	56	66	62	59	31	34	40	51	37	34	34	32	35	34	37	37	48	35	66	59	59	38	49	59	69	52	52	47.5
	MIN	33	26	35	35	24	28	34	29	19	14	11	19	30	24	24	25	24	20	30	19	20	17	22	28	28	25	14	17	37	39	33	25.3
SNOW HILL 1 NE	MAX	50	62	45	53	54	54	66	59	51	42	47	48	48	48	48	54	49	47	49	55	50	44	62	62	52	45	52	59	68	60	62	53.1
	MIN	34	38	41	42	40	28	38	38	32	26	26	30	28	40	30	32	31	27	40	40	31	29	26	51	28	30	21	41	51	54	37	34.8
SOLOMONS	MAX	46	65	53	47	55	55	69	55	50	43	45	52	45	48	50	52	50	47	47	53	53	47	68	68	53	47	53	57	63	62	63	53.6
	MIN	40	37	41	42	41	34	45	40	39	28	29	32	36	39	32	36	34	34	39	35	39	29	35	49	33	34	31	44	48	51	39	37.6
TAKOMA PARK MISS AVE	MAX	46	62	56	48	57	59	67	63	55	42	45	52	50	45	48	49	48	45	44	48	62	54	71	66	51	47	60	56	69	67	63	54.7
	MIN	37	32	37	38	35	31	40	36	34	24	25	29	31	35	29	35	33	28	37	30	32	25	27	42	32	28	24	43	50	55	38	33.9
TONOLOWAY	MAX	53	61	60	58	59	63	69	59	53	42	46	54	48	39	42	41	48	46	40	45	56	54	70	67	45	45	61	58	65	64	59	53.9
	MIN	37	31	34	35	32	28	41	28	34	20	20	20	29	35	32	36	34	24	35	28	27	25	23	37	33	20	18	37	48	48	39	31.6
TOWSON	MAX	48	57	57	47	57	56	67	66	57	42	46	55	53	44	45	52	57	47	45	49	54	52	69	64	48	50	55	53	61	62	61	54.1
	MIN	31	27	31	33	28	27	39	32	31	21	22	26	29	33	27	31	30	24	35	28	28	21	25	35	29	23	19	39	50	57	42	30.7
UNIONVILLE	MAX	44	58	44	44	57	57	70	58	51	42	45	55	43	42	44	43	48	44	44	48	58	43	68	63	49	47	59	55	63	64	60	51.9
	MIN	32	28	35	35	31	25	38	27	32	22	20	26	26	33	29	37	33	22	36	29	29	24	24	39	33	20	19	39	49	54	35	31.0
U S SOLDIERS HOME D C	MAX	49	45	64	42	47	58	59	70	60	47	43	46	53	53	39	42	49	48	46	48	50	58	45	68	65	51	44	58	57	68	67	52.9
	MIN	37	35	36	37	36	30	33	37	35	24	25	29	32	34	29	32	33	30	35	29	32	24	28	39	32	28	27	37	47	55	40	33.5
VIENNA	MAX	50	62	52	52	58	57	66	66	66			51	50	50	49	53	52	49	50	58	52	53	62	63	52	46	54	59	69	65	66	56.3
	MIN	36	38	41	42	39	29	35	35	35	26	27	29	28	40	32	35	32	30	40	36	36	28	30	46	33	33	24	32	42	49	38	34.7
VIERS MILL	MAX	45	62	55	47	57	57	70	62	54	42	45	54	50	44	45	47	48	45	43	48	58	52	69	66	50	49	58	56	68	67	62	54.0
	MIN	35	30	36	36	32	27	42	31	31	23	24	28	29	34	29	36	31	24	36	29	29	25	25	40	32	27	20	43	50	48	35	32.3
WALDORF POLICE BRKS	MAX	48	61	56	46	57	60	71	71	55	46	51	54	53	45	48	49	49	45	46	54	57	56	71	71	53	52	60	58	71	68	69	58.5
	MIN	35	33	38	39	39	28	45	32	31	23	25	30	32	35	27	31	28	25	37	31	32	26	28	52	25	31	24	42	52	57	33	33.7
WASHINGTON WB CITY DC	MAX	46	63	46	48	60	59	72	59	47	43	47	55	45	46	47	48	48	47	49	49	58	46	71	64	53	46	58	58	70	69	64	54.3
	MIN	40	35	39	40	39	36	50	42	37	27	27	31	36	35	32	37	35	33	40	31	34	27	35	36	34	31	30	45	55	49	44	36.6
WATERLOO POLICE BRKS	MAX	46	65	60	48	58	57	69	68	59	40	46	54	50	45	46	47	49	48	44	48	58	54	69	69	50	50	57	56	65	65	64	55.0
	MIN	31	32	32	33	33	26	40	33	34	28	24	24	24	35	29	32	29	26	34	32	30	25	25	47	28	28	22	36	48	55	41	32.1
WEST LANHAM HILLS	MAX	45	63	54	48	60	59	70	62	51	44	47	54	47	45	49	50	51	47	44	51	62	52	71	66	52	47	60	57	69	67	63	55.1
	MIN	36	31	37	38	35	30	41	32	34	23	24	28	30	35	30	35	30	26	37	31	32	25	29	40	30	28	23	42	51	53	40	33.4
WESTERN PORT	MAX	67	62	59	57	58	68	69	59	53	45	50	53	50	35	42	42	45	41	39	45	56	49	73	68	46	48	65	62	66	65	60	54.7
	MIN	36	32	38	37	29	30	44	32	33	21	21	22	33	31	30	34	32	28	34	25	26	23	24	35	32	23	20	40	48	42	39	31.4
WESTMINSTER	MAX	44	57	54	44	55	55	67	63	52	40	43	53	50	43	44	45	46	45	43	46	57	53	67	65	47	45	58	53	61	62	60	52.2
	MIN	33	31	32	34	30	31	41	34	31	20	21	25	30	35	29	35	33	25	35	28	32	21	27	40	32	22	25	39	46	55	40	32.0
WHALEYSVILLE	MAX	50	62	49	54	49	55	68	63	58	42	48	50	46	48	52	48	49	48	55	51	50	63	62	50	49	53	59	68	60	61	53.8	
	MIN	35	37	40	39	42	25	46	34	33	25	26	30	25	40	30	32	31	26	39	38	32	27	25	47	29	31	20	40	50	53	37	34.3
WOODSTOCK COLLEGE	MAX	43	59	52	47	57	57	69	66	53	47	47	55	50	43	44	46	49	45	43	48	59	48	69	66	49	46	58	53	63	62	61	53.4
	MIN	32	28	35	37	30	24	39	28	31	22	23	28	26	34	31	35	32	23	36	30	28	24	23	41	34	25	18	36	49	55	36	31.4
DELAWARE																																	
BRIDGEVILLE	MAX	47	59	51	48	56	60	64	60	48	42	47	52	45	48	47	52	51	48	47	56	53	46	65	67	50	45	55	61	72	66	63	53.9
	MIN	31	36	38	39	36	26	39	31	31	25	25	29	24	37	30	31	29	27	38	37	33	26	26	45	28	30	20	38	53	58	36	33.3
DELAWARE CITY REEDY PT	MAX	50	55	53	48	55	54	61	60	57	43	45	51	52	46	45	48	48	49	50	50	51	51	63	64	54	47	47	56	58	58	59	52.5
	MIN	30	32	33	36	36	25	40	36	37	28	24	32	32	38	34	35	33	32	39	35	37	26	31	48	25	40	27	39	47	49	42	34.8
DOVER	MAX	48	57	55	50	54	54	61	61	57	41	48	52	45	46	47	50	49	48	48	55	53	52	65	64	56	45	54	59	71	68	66	54.2
	MIN	34	37	35	40	37	26	43	36	36	25	27	31	30	40	33	34	32	28	37	37	36	25	29	48	29	30	25	40	48	52	38	34.8
GEORGETOWN	MAX	48	60	51	51	56	61	65	61	51	42	47	52	46	48	49	51	51	50	47	56	53	48	66	67	51	46	57	62	70	63	62	54.5
	MIN	30	37	38	41																												

Table 7

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
MARCH 1951

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
MARYLAND																																
ABERDEEN PHILLIPS FLD	SNOWFALL SN ON GND									T												T	T									
ANNAPOLIS U S N ACADEMY	SNOWFALL SN ON GND	T																	T			T	T									
BALTIMORE WB AIRPORT	SNOWFALL SN ON GND	T													T				T			T	T									
BENSON POLICE BRKS	SNOWFALL SN ON GND									T					T	T								T								
BENTLEY SPRINGS	SNOWFALL SN ON GND			T												T						T										
BRIGHTON DAM	SNOWFALL SN ON GND														T									1.0								
CAMBRIDGE	SNOWFALL SN ON GND															T							T									
CHARLOTTE HALL	SNOWFALL SN ON GND															T							T									
CHELTENHAM	SNOWFALL SN ON GND																							.3								
CHESTERTOWN	SNOWFALL SN ON GND	T		T						T					T	T						T	.5					T				
CHEWSVILLE BRIDGEPORT	SNOWFALL SN ON GND	T								T					T	T			T				T				T					
CLEAR SPRING	SNOWFALL SN ON GND									T					T	T	T															
CONOWINGO POLICE BRKS	SNOWFALL SN ON GND																						T									
CRISFIELD	SNOWFALL SN ON GND																											T				
CUMBERLAND POLICE BRKS	SNOWFALL SN ON GND														2.0								T				T					
DUNDALK	SNOWFALL SN ON GND	T														T			T				T									
ELKTON	SNOWFALL SN ON GND																						T	T								
FORT GEORGE G MEADE	SNOWFALL SN ON GND									T									T													
FREDERICK POLICE BRKS	SNOWFALL SN ON GND														T	T							T									
FRIENDSVILLE	SNOWFALL SN ON GND													-	-	-	-	-	-	-	-	-	1.5	-								
FROSTBURG	SNOWFALL SN ON GND									T				2.0	8.0	2.0	5	5	4	3		T	T		T							
GLENN DALE BELL STA	SNOWFALL SN ON GND													2	10	9	7							1.0								
HANCOCK FRUIT LAB	SNOWFALL SN ON GND																								T							
KEEDYSVILLE	SNOWFALL SN ON GND															T							T									
LEONARDTOWN 4 SSW	SNOWFALL SN ON GND																						T									
LISBON	SNOWFALL SN ON GND														T	T							T	T								
MILLINGTON	SNOWFALL SN ON GND																						.8									
NEW GERMANY	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	10	8	8	7	6	6	6	3	2	2	-	-	-	-	-	-
OAKLAND	SNOWFALL SN ON GND									T	T			1.5	6.0	1.0	.3	4	3	2	.5	.5	1.3		.5		.3					
OWINGS FERRY LANDING	SNOWFALL SN ON GND																															
PICARDY	SNOWFALL SN ON GND													T	T	T							T									
POCOMOKE CITY	SNOWFALL SN ON GND																						T					T				
PRESTON	SNOWFALL SN ON GND																						T									
RIDGELY	SNOWFALL SN ON GND																						T									
ROCK HALL 3 N	SNOWFALL SN ON GND																						T									
ROYAL OAK	SNOWFALL SN ON GND																						T	T								
SALISBURY	SNOWFALL SN ON GND																						T									
SNOW HILL 1 NE	SNOWFALL SN ON GND																						T									

See reference notes following Station Index.

Table 7 Continued

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
MARCH 1951

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		
SOLOMONS	SNOWFALL SN ON GND																						T											
TAKOMA PARK MISS AVE	SNOWFALL SN ON GND														T	T							T											
UNIONVILLE	SNOWFALL SN ON GND								T					T	T				T	T														
WESTERN PORT	SNOWFALL SN ON GND												T										T											
WESTMINSTER	SNOWFALL SN ON GND	T												T	T	T			T				1.0											
WOODSTOCK COLLEGE	SNOWFALL SN ON GND	T													T	T							T											
DISTRICT OF COLUMBIA																																		
WASHINGTON WB CITY, DC	SNOWFALL SN ON GND																					.3												
DELAWARE																																		
BRIDGEVILLE	SNOWFALL SN ON GND																						.5											
DOVER	SNOWFALL SN ON GND								T						T								.3											
LEWES	SNOWFALL SN ON GND								T														.5											
NEWARK COLLEGE FARM	SNOWFALL SN ON GND								T														T											
WILMINGTON WB N CASTLE	SNOWFALL SN ON GND	T		T					T						T	T						T	T											
WILMINGTON PORTER RESVR	SNOWFALL SN ON GND	T		T					T							T						T	T	.1										

See reference notes following Station Index.

STATION INDEX

MARYLAND AND DELAWARE
MARCH 1951

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
DELAWARE										
BRIDGEVILLE	1330	SUSSEX	1	38 44	75 38	45	5P	5P	W. M. RAY	2 3 5 7
DELAWARE CITY RENDY PT	2625	NEW CASTLE	2	39 34	75 35	10	4P	4P	J. E. KADEN	2 3 5 7
DOVER	2730	KEPT	2	39 10	75 32	34	4P	4P	F. J. GOWERY	2 3 5 7
GEORGETOWN	3570	SUSSEX	1	38 39	75 27	50	6P	6P	E. F. TURNER	2 3 5 7
LEWES	5320	SUSSEX	2	38 46	75 08	10	6P	6P	OTTO T. VOGL	2 3 5 7
WILFORD	5915	SUSSEX	2	38 55	75 26	10	5P	5P	JOHN LOPER	2 3 5 7
WILMINGTON	6020	SUSSEX	2	38 55	75 19	20	6P	6P	P. C. TOWNSHEND	2 3 5 7
WEPAKE COLLEGE FARM	6410	NEW CASTLE	2	39 39	75 46	110	5P	5P	FRED COLLINS	2 3 5 7
WYRE	8510	KEPT	2	39 15	75 36	45	5P	5P	C. M. EWING	2 3 5 7
WILMINGTON WB NEW CASTLE	9505	NEW CASTLE	7	39 40	75 38	73	MID	MID	U S WEATHER BUREAU	2 3 4 5 7
WILMINGTON CITY HALL	9600	NEW CASTLE	2	39 45	75 33	99	5P	5P	STREET DEPARTMENT	2 3 5 7
WILMINGTON PORTER RES	9605	NEW CASTLE	2	39 46	75 32	260	MID	MID	WATER DEPARTMENT	2 3 5 7
DISTRICT OF COLUMBIA										
BRIGHTWOOD	1135		7	38 57	77 01	260	8A	8A	BERNARD CRUCKSHANKS	2 3 5
DALECARLIA RESERVOIR	2325		7	38 56	77 07	140	3P	3P	JAMES L. KERRICK	2 3 5
NATIONAL ABSEUTUM	6350		7	38 54	76 58	55	4P	4P	JAMES R. FARLOW	2 3 5
U S SOLDIERS HOME	8035		7	38 56	77 01	230	7A	7A	R. C. FRAY	2 3 5
WASHINGTON WB CITY	9290		7	38 54	77 03	72	MID	MID	U S WEATHER BUREAU	2 3 4 5 7
MARYLAND										
ADKINS PHILLIPS FLD	0015	HANFORD	1	39 28	76 10	62	MID	MID	U S AIR FORCE	2 3 4 5 7
ADKINS U S N ACADEMY	0185	ANN ARUNDEL	4	39 28	76 29	40	MID	MID	U S NAVY	2 3 4 5 7
BALTIMORE SLANDS POINT	0460		1	39 12	76 34	135	5P	5P	DAVIDSON CHEMICAL CO	2 3 5
BALTIMORE WB AIRPORT	0465	BALTIMORE	1	39 11	76 40	16	MID	MID	U S WEATHER BUREAU	2 3 4 5 7
BALTIMORE WB CITY	0470		1	39 17	76 37	74	MID	MID	U S WEATHER BUREAU	2 3 4 5 7
BALTIMORE PARKVILLE	0475	BALTIMORE	1	39 23	76 32	305	5P	5P	CHARLES B. CONNER	2 3 5
BATTERY PARK	0505	MONTGOMERY	7	39 00	77 07	338	6P	6P	RAY K. LINSLEY	CLOSED 7/50
BELTSVILLE	0700	PRINCE GEORGE	7	39 02	76 53	120	8A	8A	J. B. SHEPHERD	2 3 4 5 6
BELTSVILLE PLT IND STA	0701	PRINCE GEORGE	7	39 02	76 53	160	9A	9A	H. P. SEVY	2 3 5
BELTSVILLE PLT IND STA	0702	PRINCE GEORGE	7	39 02	76 56	136	9A	9A	H. P. SEVY	2 3 5
BELTSVILLE PLT IND STA	0703	PRINCE GEORGE	7	39 02	76 56	200	9A	9A	H. P. SEVY	2 3 5
BELTSVILLE PLT IND STA	0704	PRINCE GEORGE	7	39 02	76 56	265	9A	9A	H. P. SEVY	2 3 5
BELTSVILLE PLT IND STA	0705	PRINCE GEORGE	7	39 01	76 57	100	9A	9A	H. P. SEVY	2 3 4 5
BELTSVILLE PLT IND STA	0706	PRINCE GEORGE	7	39 01	76 57	315	9A	9A	H. P. SEVY	2 3 5
BESKON POLICE BARRACKS	0732	HANFORD	1	39 30	76 28	365	5P	5P	MD STATE POLICE	2 3 5 7
BENTLEY SPRINGS	0737	DALTON	1	39 41	76 41	730	3P	3P	CARL PITTMAN	2 3 5 7
BETHESDA	0795	MONTGOMERY	7	38 58	77 07	320	5P	5P	U S ENGINEERS	2 3 4 5 7
BLACKWATER REFUGE	0815	DORCHESTER	1	38 56	76 08	5	4P	4P	NATL WILDLIFE REF	2 3 5 7
BRIGHTON DAM	1125	MONTGOMERY	6	38 58	76 44	167	6P	6P	FRED S. GILPIN	2 3 5 7
BROOKDALE	1170	MONTGOMERY	7	38 57	77 08	260	7P	7P	R. C. CASSELL	2 3 5 7
BROOKSIDE MANOR	1180	PRINCE GEORGE	7	38 56	76 58	50	6P	6P	RALPH RICHES	2 3 5
BURNT MILLS RESERVOIR	1278	MONTGOMERY	7	39 02	77 00	220	5P	5P	J. M. JESTER	2 3 5 7
CAMDEN	1385	DORCHESTER	1	38 54	76 09	15	6P	6P	D'ARCY HARDING	2 3 5 7
CHARLOTTE HALL	1386	ST MARYS	6	38 58	76 44	167	6P	6P	J. B. FENTON	2 3 5 7
CHELTENHAM	1710	PRINCE GEORGE	7	38 44	76 51	230	8A	8A	H. P. SEVY	2 3 5 7
CHESTERMAN	1750	KENT	1	39 13	76 04	55	11P	11P	T. W. SLASON, JR.	2 3 5 7
CHESTERMAN BRIDGEPORT	1790	WASHINGTON	7	39 38	77 41	560	8S	8S	D. PAUL OSWALD	2 3 5 7
CLEAR SPRING	1890	WASHINGTON	7	39 40	77 54	560	5P	5P	MRS. L. A. CHILL	2 3 5 7
COCKEYSVILLE	1960	BALTIMORE	1	39 27	76 38	480	MID	MID	H. P. SEVY	2 3 5
COLUMBIA	1980	KENT	1	39 21	76 07	80	6P	6P	H. P. SEVY	2 3 5
COLLEGE PARK UNIV OF MD	1985	PRINCE GEORGE	7	38 59	76 56	95	5P	5P	JOSEPH J. HIGGINS	2 3 5
COLLEGE PARK SCS	2060	MONTGOMERY	7	39 03	76 57	309	MID	MID	SEE (0714)	2 3 4 5
CORNING DAM	2080	HANFORD	8	39 39	76 10	40	MID	MID	SUSQUEHANNA ELEC CO	2 3 5 7
CORNING POLICE BARRACK	2085	HANFORD	8	39 39	76 10	195	5P	5P	MD STATE POLICE	2 3 5 7
CRISFIELD	2205	SOMERSET	1	37 59	75 51	5	5P	5P	C. A. ADAMS, SR.	2 3 5 7
CUMBERLAND	2208	ALLEGANY	7	39 39	77 26	380	5P	5P	MD STATE POLICE	2 3 5 7
CUMBERLAND POLICE BARRA	2285	ALLEGANY	7	39 39	77 49	880	5P	5P	MD STATE POLICE	2 3 5 7
DISTRICT HEIGHTS	2585	PRINCE GEORGE	6	38 51	76 54	272	7P	7P	J. P. KOHLER	2 3 5
DUNDALK	2660	BALTIMORE	1	39 18	76 31	28	6P	6P	FRANK YOST	2 3 5 7
EASTON POLICE BARRACKS	2700	TALBOT	1	38 46	76 01	60	5P	5P	MD STATE POLICE	2 3 5 7
EDGEWATER	2770	WASHINGTON	7	39 40	77 33	920	6P	6P	A. E. RANNE	2 3 5
ELKTON	2860	Cecil	7	39 43	77 50	28	6P	6P	M. W. BOULLE	2 3 5 7
EMMITSBURG	2905	FREDERICK	7	39 43	77 21	920	4P	4P	ST MARYS SEMINARY	2 3 5 7
FALLTON	3030	HANFORD	8	39 39	76 10	288	5P	5P	MISS ETHEL CURTIS	2 3 5
PORT GEORGE C MEADE	3230	ANN ARUNDEL	6	39 07	76 46	185	MID	MID	U S ARMY	2 3 5 7
FREDERICK POLICE BARRACK	3345	FREDERICK	7	39 25	77 26	380	5P	5P	MD STATE POLICE	2 3 5 7
FREDERICK WB AIRPORT	3350	FREDERICK	7	39 25	77 23	294	2P	2P	U S WEATHER BUREAU	2 3 5
FREDERICK 3 E	3355	FREDERICK	7	39 24	77 22	385	8A	8A	GLENN R. STALEY	2 3 5
FRIENDSVILLE	3400	GARRETT	7	39 42	78 08	2900	6P	6P	HARRY M. SAVAGE	CLOSED 10/1/50
FROSTBURG	3410	ALLEGANY	7	39 39	78 56	2100	6P	6P	C. A. ADAMS, SR.	2 3 5
GERMANTOWN	3585	MONTGOMERY	7	39 10	77 17	460	6P	6P	R. F. STALEY	2 3 5
GLENN ECHO	3645	MONTGOMERY	7	38 59	77 09	150	MID	MID	U S ENGINEERS	2 3 4 5
GLENN DALE BELI STA	3675	PRINCE GEORGE	6	38 58	76 48	151	4P	4P	BUREAU PLT IND	2 3 5 7
GRAFTSVILLE	3795	GARRETT	7	39 42	78 08	2900	MID	MID	MARY R. BITTINGER	2 3 4
GRASONVILLE	3805	QUEEN ANNES	1	38 58	76 13	8	5P	5P	MISS CAROLIN CONKEY	2 3 5 7

† SHALMAR Formerly HARRISON, WEST VIRGINIA.

1-CHESAPEAKE; 2-COASTAL; 3-MONONGAHELA; 4-CHIO; 5-PATAPSCO; 6-PATUXENT; 7-POTOMAC; 8-SUSQUEHANNA; 9-YOUGHEGHENY

Drainage System, 9-Savage, discontinued as it is part of 7-Potomac Drainage System; 10-Youghiogheny changed to 9-Youghiogheny.

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 directions from the post office.

Observation times given in the Station Index are in local standard time.

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: Temperature 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 3 are from non-recording gages, unless otherwise indicated.

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

Data in Tables 3, 5, 6 and snowfall 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 is indicated by a dash. 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.

+ Add also on a later date or dates.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

6 Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.

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.

T Trace, an amount too small to measure.

V Includes total for previous month.

M 1 to 9 days of record missing; See Table 5 for detailed daily record. Degree day data, if carried for this station have been adjusted to represent the value for a full month.

R Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.

S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.

T Trace, an amount too small to measure.

V Includes total for previous month.

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W.R.P.C., Chattanooga, Tennessee --- 6/7/51 --- 950

