

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
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CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

SEPTEMBER 1950

Volume LIV No. 9



MARYLAND AND DELAWARE - SEPTEMBER 1950

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

WEATHER SUMMARY

One phase of September's weather was so outstanding as to be record breaking. Cloudiness persisted over Maryland, Delaware and the District of Columbia to a greater extent than in any preceding September on record. Concomitant with the predominance of cloudy weather, sunshine and temperatures were considerably below normal and rainfall totals averaged well above normal.

During a large portion of the month, weather patterns were such as to set up winds from the northeast and east. These winds usually result from the flow from cool air masses but, having had a period of travel over water surfaces, they have become moistureladen and cloudiness results. Perhaps the most intense period of cloudiness was from the 19th through the 30th when Baltimore averaged only one hour and twenty minutes of sunshine each day. During much of this time, strong high pressure was centered over New England and the Maritime Provinces of Canada. A part of this picture of general cloudiness came from large forest fires in Northern Alberta, Canada, which sent large volumes of smoke up into the air. Drifting down over this region with the northwesterly winds which were prevailing at the time, the smoke pall completely or partially obscured the sun for a good portion of the last week of the month. Detailed figures on Baltimore which being centrally located are fairly representative of the Section in some phases of weather, give a clear-cut picture of the persistence of the overcast conditions. The sun shone only 25 percent of the possible time compared to a normal of 65 percent. But the previous low record for sunshine was 51 percent, over twice the amount of this September. Also, Baltimore had 22 cloudy days compared to a normal of eight, and only two clear days compared to a normal of twelve.

When there is so much cloudiness, large amounts of precipitation should be anticipated. Only southeastern and northern Maryland and extreme northern Delaware failed to get totals two or more inches above normal. The only area where rainfall was less than normal was a part of Worcester County. Portions of Charles, Prince Georges, Calvert, Anne Arundel, Queen Annes, Washington and Garrett Counties had precipitation totals six or more degrees above normal. Some of the greatest monthly totals were Waldorf Police Barracks, 14.02"; Grasonville, 11.87"; Annapolis, 11.47"; and Huntingtown 11.00". In most cases, the greatest 24-hour amounts were 2nd, 13th, and 21st-22nd. The rainfall of the 9-11th was of deluge proportions and fell mostly from late afternoon of the 9th to the morning of the 11th. Some of the approximately 40-hour rainfalls were Waldorf Police Barracks, 8.85"; Charlotte Hall, 8.28"; Huntingtown, 7.48"; Annapolis, 7.44"; LaPlata, 7.40"; and Cheltenham, 6.59". In Baltimore, new September records for one and two hours were established on the 10th at 2.01 inches and 2.86 inches, respectively. Those on the 2nd were associated with a cold front moving southeastward across the two states, while those of the 13th and 21st-22nd resulted from the development of secondary storm centers in the Virginia-North Carolina region.

Although a portion of the sub-normal departure in temperature averages can be ascribed to the predominating cloudiness, most of the deficiency should be credited to the prevalence of cool air streams. Only on eight days was the prevailing direction such as to indicate warm weather. Most of the time, the two states were under the influence of cool air streams. It was briefly warm the 1st-3rd and 9th-11th, and near or below normal at other times. The warmest was the 1st-2nd when most highest temperatures were near 90 except in Western Maryland where maximum readings lowered through the eighties to near 80 in Garrett County. The coolest period was the 24-25th when the lowest temperatures were in the thirties, almost without exception. All stations averaged below normal with the greatest departures, 4 or more degrees below normal being reported in a belt near the Chesapeake Bay from the mouth of the Susquahanna River to Tilghman's Island, and in portions of Carroll and Allegany Counties of Maryland and New Castle County of Delaware. Temperatures were nearest to normal, that is, a departure of less than two degrees, in extreme southeastern Maryland, near the Potomac River below the District of Columbia, and in the western portion of Garrett County.

The harvest of truck crops slackened considerably as the month progressed. Pastures and hay crops developed nicely during the first two weeks but there was considerable hay spoilage due to the lack of suitable curing conditions. The corn harvest got under way when weather permitted with prospects that some would be soft unless weather conditions improved. Plowing and seeding fall grains was started as weather permitted during the latter part of the month. The fruit harvest continued but there was some cracking resulting from excessive moisture. HLA

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.

CLIMATOLOGICAL DATA

Table 2

MARYLAND AND DELAWARE
SEPTEMBER 1950

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	.25 or more	1.00 or more	
MARYLAND																				
ABERDEEN PHILLIPS FLD	64.2	- 3.9	88	1+	38	24+	97	0	0	5.60	2.26	2.09	11	.0	0			6	6	2
ANNAPOLIS U S N ACADEMY	65.7	- 3.9	86	1	43	26	67	0	0	11.47	7.68	5.00	9	.0	0			12	7	3
BALTIMORE SLEDDS PT	66.2		90	1+	39	25	68	2	0	5.56		1.51	10	.0	0			11	7	2
BALTIMORE WB AIRPORT	65.0	- 4.3	90	1+	40	24+	85	2	0	5.93	2.66	2.33	10	.0	0			11	5	2
BALTIMORE WB CITY	66.8	- 2.5	89	1+	44	25	61	0	0	7.71	4.18	3.81	10	.0	0			12	5	3
BALTIMORE PARKVILLE	65.4		88	2	38	24	80	0	0	10.33		6.08	11	.0	0			11	6	2
BELTSVILLE	63.8	- 3.2	88	1+	37	25	0	0	0	7.09	3.33	2.57	11	.0	0			13	7	3
BELTSVILLE PLT IND STA1	63.6		89	1	36	25	0	0	0	6.95		2.48	11	.0	0			10	8	3
BELTSVILLE PLT IND STA2	64.0		88	1	35	25	0	0	0	6.14		2.05	11	.0	0			10	8	2
BELTSVILLE PLT IND STA3	64.4		89	1	37	25	0	0	0	6.54		2.34	11	.0	0			10	8	2
BELTSVILLE PLT IND STA4	64.9		87	1+	37	25	0	0	0	6.46		2.15	11	.0	0			10	8	2
BELTSVILLE PLT IND STA5	63.8		88	1+	36	25	0	0	0	7.65		2.50	11	.0	0			10	8	3
BELTSVILLE PLT IND STA6	64.6		89	2	37	25	0	0	0	7.82		2.48	11	.0	0			10	8	2
BENSON POLICE BRKS	64.1		86	1+	39	24+	95	0	0	7.00		2.92	11	.0	0			9	6	2
BENTLEY SPRINGS	62.1		85	2	33	24	141	0	0	6.15		1.90	2	.0	0			9	6	3
BLACKWATER REFUGE	67.8		89	3	42	25+	58	0	0	5.05		1.90	13	T	0			8	5	2
BRIGHTON DAM	64.2		89	2	36	25	93	0	0	6.90		3.08	11	.0	0			11	5	2
BROOKSIDE MANOR	66.1M		89	1+	40	25	72	0	0	9.03		2.74	11	.0	0			15	7	2
CAMBRIDGE	66.8	- 3.4	91	1+	41	26+	69	3	0	5.88	2.47	1.35	11	.0	0			9	7	2
CHARLOTTE HALL	66.2	- 2.8	87	3	40	25	65	0	0	10.11		6.24	10	.0	0			12	6	2
CHELTENHAM	65.2	- 3.2	90	3+	37	25	0	0	0	10.08		4.13	11	.0	0			11	5	3
CHESTERTOWN	65.9	- 2.5	91	1	42	25+	75	2	0	8.01		1.96	10	.0	0			11	7	4
FORT GEO G MEADE	62.6	- 3.3	84	11	36	24	124	0	0	5.55		2.48	1	.25	3	.0	0	12	7	2
CLEAR SPRING	63.5	- 2.8	84	1+	38	26	110	0	0	9.86		6.80	2.00	3	.0	0		14	8	5
COLEMAN	66.7		92	1+	44	24+	57	2	0	6.79		3.35		.0	0			10	8	5
COLLEGE PARK U OF M	65.1	- 3.0	88	1	38	25	83	0	0	8.85		5.42	2.83	11	.0	0		11	7	2
CONOWINGO DAM	63.7	- 2.8	88	1	39	25	101	0	0	4.90		1.17	21	.0	0			11	7	2
CONOWINGO POLICE BRKS	62.9		86	1	34	25	118	0	0	5.82		1.15	22	.0	0			13	8	1
CRISFIELD	70.5	- 1.8	91	3+	47	26+	31	3	0	3.17	.21	1.32	13	.0	0			8	4	1
CUMBERLAND	62.7	- 3.3	87	2	33	24	126	0	0	6.11	3.36	2.50	22	.0	0			13	6	1
CUMBERLAND POLICE BRKS	62.4		88	2	34	24+	126	0	0	6.30		1.20	13+	.0	0			13	8	2
DISTRICT HEIGHTS	65.7		89	2+	40	25	73	0	0	8.19		3.17	10	.0	0			14	6	3
DUNDALK	66.8		90	1	45	24+	56	1	0	7.42		3.53	11	.0	0			13	6	1
EASTON POLICE BRKS	65.3	- 3.6	87	2+	38	25	81	0	0	9.36	5.99	3.20	10	.0	0			10	6	3
ELKTON	64.6	- 3.4	90	1	38	24	91	1	0	6.56	3.39	2.37	11	.0	0			9	6	3
EMMITSBURG																				
FALLSTON	62.2	- 4.3	86	1	35	24+	165	0	0	7.20	3.25	1.96	22	.0	0			9	7	2
FORT GEO G MEADE	62.0		89	2	32	25	126	0	0	5.2		3.86	11	.0	0			10	5	1
FREDERICK POLICE BRKS	64.4	- 3.3	86	1+	39	24	90	0	0	6.07	2.71	1.20	10	.0	0			14	7	2
FREDERICK WB AIRPORT	65.2		88	1	39	24	85	0	0	7.16		2.01	11	.0	0			15	5	4
FROSTBURG	59.8	- 4.6	81	1	31	24	181	0	1	6.82	3.64	2.93	21	.0	0			15	7	2
GERMANTOWN	64.8M	- 3.2	88	2	38	24+	78	0	0	5.40		2.09	1	.52	3	.0	0	8	8	2
GLENN DALE BELL STA	65.0	- 3.2	89	2+	36	24+	91	0	0	6.67		2.80	1.78	11	.0	0		11	7	3
GRASONVILLE	65.4	- 4.7	91	2	40	26	77	1	0	11.87	8.49	6.00	9	.0	0			10	5	4
GREAT FALLS	64.8	- 3.4	88	1	39	25	79	0	0	4.64		.94	12	.0	0			10	7	0
GREENBELT	64.1		89	1+	36	25	0	0	0	6.71		2.43	11	.0	0			12	8	2
HAGERSTOWN	63.6		85	1	38	24	106	0	0	6.09		1.30	3	.0	0			11	8	1
HANCOCK FRUIT LAB	61.4	- 5.9	86	2	33	24	0	0	0	6.41	3.51	2.00	22	.0	0			13	6	2
HUNTINGTOWN	65.7	- 2.3	89	3	38	25	76	0	0	11.00	7.54	3.52	10	.0	0			11	7	3
KEDDYVILLE	63.6	- 4.1	85	1+	38	24+	111	0	0	6.84	3.63	1.76	2	.0	0			12	8	1
LA PLATA	66.8	- 3.0	91	1	38	24+	73	2	0	10.60	6.88	4.10	10	.0	0			11	6	4
LAUREL 3 W	65.1M	- 2.7	87	1+	40	24+	81	0	0	1.45		1.45	10	.0	0			10	5	0
LEONARDTOWN	67.8	- 1.5	91	2+	41	25	61	3	0	2.78	.46	1.37	10	.0	0			11	6	2
LISBON	63.4	- 3.7	87	2	38	24+	112	0	0	5.50	2.66	2.10	10	.0	0			11	6	2
MIDDLE RIVER	65.5		90	1	40	25	72	1	0	7.66		3.87	11	.0	0			14	5	2
MILLINGTON	65.8	- 2.8	93	1	39	24	76	2	0	4.32	.81	1.53	11	.0	0			10	4	2
NEW GERMANY	57.3		79	1	29	24	0	4	6.93		3.98	22	.0	0			13	6	1	
OAKLAND	59.4	- 1.5	79	2	30	26	186	0	3	4.93	1.69	1.18	21	.0	0			14	1	1
OCEAN CITY	68.4		90	1	42	25	49	1	0	2.76		1.06	22	.0	0			7	4	1
OWINGS FERRY LANDING	65.8	- 3.2	91	3	39	25	76	1	0	9.26	5.34	2.35	10	.0	0			11	8	4
OXFORD	66.5	- 4.2	84	1+	46	26	54	0	0	7.02	3.90	2.07	10	.0	0			11	9	2
PICARDY	62.0	- 4.0	85	2	33	24	141	0	0	6.19	3.35	1.80	21	.0	0			12	8	1
PIKESVILLE POLICE BRKS	64.1		89	2	37	24+	101	0	0	5.65		2.54	11	.0	0			11	5	2
POCOMOKE CITY					40	25+	204	0	0	3.83	.68	2.30	13	.0	0			6	5	1
PRESTON	67.2		90	1+	40	25	63	2	0	7.17		2.03	11	.0	0			10	4	4
PRETTYBOY DAM	62.8	- 3.8	83	1	38	24	117	0	0	4.15	.23			.0	0			7	7	2
PRINCESS ANNE	65.4	- 3.5	92	3	33	25+	92	4	0	4.01	.67	1.47	22	.0	0			9	4	2
RANDALLSTOWN POL BRKS R	64.0		87	2	37	24	106	0	0	5.66		4.20	11	.0	0			9	5	2
RIDGELY	67.1	- 1.7	91	2	42	25	59	2	0	8.17	4.69	2.76	11	.0	0			11	5	3
RIVERDALE	65.8		90	3	36	25	80	1	0	8.07		2.30	10	.0	0			13	10	3
ROCK HALL 3 N	64.8	- 4.7	89	1	40															

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
SEPTEMBER 1950

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	.25 or more	1.00 or more		
WHITE HALL	57.4		79	1+	34	24	255	0	0	4.80		1.66	11	.0	0				10	6	2
WOODSTOCK COLLEGE	63.6	- 2.7	86	2	37	25	108	0	0	7.21	3.66	2.48	11	.0	0			14	6	3	
DISTRICT OF COLUMBIA																					
BRIGHTWOOD DC	65.8		88	1+	43	24+		0	0					.0	0						
DALECARLIA RESERVOIR DC	66.3		89	2+	41	25	72	0	0	6.08		2.01	11	.0	0			12	10	1	
NATIONAL ARBORETUM DC	66.4		88	1+	41	24+	66	0	0	8.14		3.22	11	.0	0			13	8	3	
U S SOLDIERS HOME D C	65.3		89	4	41	25		0	0	6.61		2.51	11	.0	0			13	7	1	
WASHINGTON WB CITY DC	67.0	- 1.1	89	3	44	24+	57	0	0	7.27	4.03	2.99	10	.0	0			12	7	1	
MARYLAND AND D.C.																					
DELAWARE																					
BRIDGEVILLE	65.6		89	1+	38	25+	86	0	0	6.26	2.89	2.51	11	.0	0			11	4	3	
DELAWARE CITY REEDY PT	65.5		88	1	39	24	73	0	0	6.80	3.33	3.00	11	.0	0			8			
DOVER	65.4		90	1+	39	25+	74	2	0	7.33	3.65	2.30	11	.0	0			12	4	4	
GEORGETOWN	66.2		93	1	37	25	81	3	0	5.91		2.14	13	.0	0			9	4	3	
LEWES	65.0		91	1	37	25	96	1	0	5.13		1.35	13	.0	0			12	5	2	
MILFORD	66.4	- 2.9	92	2	38	25	72	2	0	5.65	2.13	2.02	13	.0	0			10	3	3	
MILLSBORO	66.1	- 3.0	91	1+	37	25	77	2	0	5.27	1.59	2.62	13	.0	0			9	2	2	
NEWARK COLLEGE FARM	64.0	- 2.4	89	1	36	24	103	0	0	4.65	1.28	1.70	11	.0	0			12	5	1	
SMYRNA	64.9		89	1	40	25	85	0	0	6.53		2.50	11	.0	0			6	5	3	
WILMINGTON WB N CASTLE	63.4		89	1	38	25	114	0	0	7.06		2.24	11	.0	0			9	5	4	
WILMINGTON PORTER RES	63.2	4.9	87	1	39	25	115	0	0	4.83	1.21	1.20	11	.0	0			9	6	1	
DELAWARE SECTION																					
										65.1	- 3.5										
										64.8	- 2.8										

See reference notes following Station Index.

DAILY PRECIPITATION

MARYLAND AND DELAWARE
SEPTEMBER 1950

Table 3-Continued

Station	Day of Month																															Total	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
WHALEYSVILLE		1.24	.31	.09						.05		1.89	.02							.57	2.40	2.07	.02	.85						.14			9.65
WHITE HALL	T	.18	.31	.01					.06	.40	1.66	T	1.67							.10	.33	1.08	T										4.80
WILLIAMSSPORT	.01	.19	2.37	.17						.06	.71	1.48	1.12	.25							.06	T	1.08	.15									7.55
WOODSTOCK COLLEGE	T	.26	.35	.01					.15	1.67	2.48	.08	.46	.01	.01					.01	T	.20	1.31	T		T					.01		7.21
DELAWARE																																	
BRIDGEVILLE		.06	T	.16					T	.02	2.51		1.28							.10		.52	1.49	.03						.01	.06	8.26	
DELAWARE CITY HERDY P		.07	.28						T	.75	3.00		1.22	T									1.45								.03	.03	6.80
DOVER		.06	1.10	.02	T				.01		2.30	T	2.11	T		T				.01		.05	1.61		.02					.01	.03	7.33	
GEORGETOWN		.02		.09					.02		.39		2.14							.15		1.74	1.31							.05		5.91	
LEWES		.08	.81	.07							.27		1.35	.02						.04		.99	1.23		.01					.24	.02	5.13	
MILFORD		.12	.02	.07							1.17	1.55		2.02								.06	1.53							.01	.10	5.65	
MILLSBORO		.04		.09							.16		2.62	.06						.07		.21	1.88	T					.14	.10	5.27		
NEWARK COLLEGE FARM	.05	.35	.17							.83	1.70			.02	.02				.04			.40	.95		.02							4.65	
SMYRNA			.90							.55	2.50		1.20							.02		.20	1.18									6.53	
WILMINGTON WB N CASTL R	T	.73	.07						1.34	.15	2.24		1.33	T						.02		1.02	.16	T						T	T	7.06	
WILMINGTON CITY HALL			.45								2.60	.01	.70							.01		.04	.94									4.75	
WILMINGTON PORTER RES		.47	.03						.83	.64	1.20		.71	T						.03		.74	.18							T		4.83	

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

MARYLAND AND DELAWARE
SEPTEMBER 1950

Station	A. M. Hour ending												P. M. Hour ending												Total		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
-10th-																											
MARYLAND																											
ABERDEEN PHILLIPS FLD	.02	.01	.02																								
ANNAPOLIS U S N ACADEMY 6	*	.80	*	*	*	*	*	.87								.07					.05	.55	.31	.14		1.17	
BALTIMORE WB AIRPORT 6	*	.58	*	*	*	*	*	.04							*		*	*	*	*	1.30	*	*	*	*		
BALTIMORE WB CITY	.02																										
BELTSVILLE	.01					.01	.03				.16				.19	.22		.01	.16	.49	1.85	.58	.21	.49	.08	.09	
BELTSVILLE PLT IND STA NO 5	.04	.03				.01			.03									.20	.45	.01	.01	.21	.48	.38	.32	.21	
BETHESDA																											
COCKEYSVILLE	.01		.02	.02													.01	.03	.01	.36	.27	.32	.70	.16	1.85		
GLEN ECHO	.05	.05	.01	.01	.01	.01											.40	.02	.12	1.02	.42	.13	.08	.07	1.92		
GRANTSVILLE																											
LEONARDTOWN	.34	.05	.01						.09	.10	.05	.04	.01									.01	.02	.29	.11	.01	
LUKE								.03	.16	.01	.11	.01						.01								.84	
NEW GERMANY				.01	.05	.11	.01	.06	.06	.02	.01															.33	
SALISBURY MUNICIPAL AP 6																										.27	
SAVAGE RIVER DAM								.06	.10	.04	.09								.02							.31	
SHARPTOWN																										.04	
SINES DEEP CREEK						.01	.03	.08										.01	.01							.14	
WASHINGTON DC WB CITY	.08	.01						.01	.01								.07	.08			.66	.20	.94	.90	.03	2.99	
DELAWARE																											
WILMINGTON WB N CASTLE 6	*	.09	*	*	*	*	*	.05	*	*	*	*	*	*	.03	*	*	*	*	*	*	.05					
-11th-																											
MARYLAND																											
ABERDEEN PHILLIPS FLD	1.58	.06	.16	.09																							
ANNAPOLIS U S N ACADEMY 6	*	1.44	*	*	*	*	*	.01																			
BALTIMORE WB AIRPORT 6	*	1.00	*	*	*	*	*	.03										*	*	*	*	*	.01			.08	
BALTIMORE WB CITY	.06	.02																								.11	
BELTSVILLE				.03					.02							.01		.03	.01			.02				.01	
BELTSVILLE PLT IND STA NO 5	.01																									.03	
BETHESDA																					.02	.01				.14	
COCKEYSVILLE	.08	.10	.02	.01														.05	.09							.02	
GLEN ECHO																										.04	
LUKE										.01		.01														.02	
SALISBURY MUNICIPAL AP 6	*	.10	*	*	*	*	*	.03																		.56	
SHARPTOWN	.01	.01	.35	.07	.03		.04	.04	.01									.09	1.93	.01					.01	2.04	
SINES DEEP CREEK																										.03	
UNIONVILLE																										.03	
WASHINGTON DC WB CITY																		.03								.03	
DELAWARE																											
WILMINGTON WB N CASTLE 6	*	*	*	*	*	*	2.06	*	*	*	*	*	*	*	.09												
-12th-																											
MARYLAND																											
ANNAPOLIS U S N ACADEMY 6				*	*	*	*	.04	*	*	*	*	*	.06												.02	
BALTIMORE WB AIRPORT 6				*	*	*	*	.13																		.39	
BALTIMORE WB CITY						.01	.01	.02	.01															.01	.01	.02	
BELTSVILLE	.01			.06	.05	.18	.04	.02	.01																	.59	
BELTSVILLE PLT IND STA NO 5																										.54	
BETHESDA				.04	.16	.08	.21	.02	.06	.02	.01	.01														.04	
GLEN ECHO				.06	.15	.09	.22	.02																		.10	
GRANTSVILLE																						.01	.01			.36	
LEONARDTOWN	.02	.02					.01	.01	.01												.01	.08	.01	.04	.07	.15	
LUKE																					.01	.09	.01	.09	.04	.03	
NEW GERMANY																										.17	
SALISBURY MUNICIPAL AP 6																										.41	
SAVAGE RIVER DAM										.03	.02				.01			.01	.01	.04	.06	.07	.10	.06	.41		
SINES DEEP CREEK										.01											.01	.02	.01	.08	.13		
UNIONVILLE	.01	.04	.08																						.13		
WASHINGTON DC WB CITY		.04	.23	.12	.19	.15									.02										.75		
-13th-																											
MARYLAND																											
ANNAPOLIS U S N ACADEMY 6	*	.15	*	*	*	*	.38	*	*	*	*	*	.72													.43	
BALTIMORE WB AIRPORT 6	*	.10	*	*	*	*	.08	*	*	*	*	*	.17	*	*	*	*	*	*	*	.01	*	*	*	*	.39	
BALTIMORE WB CITY				.01	.01	.01	.01	.17	.10	.06	.03	.02	.01										.01		.40		
BELTSVILLE	.02	.01	.03	.03	.01	.02	.11	.01	.08	.01	.03	.05	.01												.53		
BELTSVILLE PLT IND STA NO 5				.01	.02	.16	.04	.02	.05	.08	.04														.68		
BETHESDA		.10	.02	.01	.07	.12	.12	.02	.13	.04	.01	.03					.01								.43		
GLEN ECHO		.05	.02	.06			.01	.01	.01	.16	.04	.01	.02									.03			.41		
GRANTSVILLE	.01	.01	.01				.28	.09	.01												.01	.01			.75		
LEONARDTOWN	.28	.15	.04	.02	.01	.10	.08							.02	.01	.01	.01	.01	.01	.11					.44		
LUKE	.10	.02	*	*	*	.10	.08			.04	.03	.02	.01	.01	.01	.01	.01	.01	.03	.02	.06				.57		
NEW GERMANY		.11	*	*	*	.01	.14	.01	*	*	.07	.02	.01	1.68	*	*	*	*	*	*	.06				.21		
SALISBURY MUNICIPAL AP 6	.08	.13	.11			.01	.14	.01	*	*	.07	.02	.01	1.68	*	*	*	*	*	*	.06				.53		
SAVAGE RIVER DAM	.30	.12	.02		.01	.01	.12	.30	.20	.09	.05	.05	.06	.01	.01	.01	.01	.01	.01	.01	.02	.18	.01		.87		
SINES DEEP CREEK	.11	.05	.03	.03	.06	.16	.01	.01	.01	.04	.06	.04	.10												.71		
UNIONVILLE																											
WASHINGTON DC WB CITY																											
DELAWARE																											
WILMINGTON WB N CASTLE 6	*	*	*	*	*	*	*	*	*	*	*	*	*	1.24	*	*	*	*	*	*	.09						
-14th-																											
MARYLAND																											
BALTIMORE WB AIRPORT 6	*	.01																								.03	
GRANTSVILLE		.01		.01	.01																					.30	
LUKE	.11	.06	.11	.01			.01																			.09	
NEW GERMANY	.03	.02	.04																							.51	
SALISBURY MUNICIPAL AP 6	.02				.05					.03	.11	.12	.12	.02	.04							*	*	*	*	.02	
SHARPTOWN																										.02	
SINES DEEP CREEK	.45	.17	.36	.03	.01	.01																				1.03	
-15th-																											
MARYLAND																											
SALISBURY MUNICIPAL AP 6	*	.03																								.02	
SINES DEEP CREEK																										.02	
-16th-																											
MARYLAND																											
COCKEYSVILLE																											
SALISBURY MUNICIPAL AP 6																											
SHARPTOWN																											

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

MARYLAND AND DELAWARE
SEPTEMBER 1950

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-17th-																									
MARYLAND SALISBURY MUNICIPAL AP 6	*	.09																							
-18th-																									
MARYLAND ABERDEEN PHILLIPS FLD NEW GERMANY									.01			.01													.02
-19th-																									
MARYLAND ANNAPOLIS U S N ACADEMY 6 BALTIMORE WB AIRPORT 6 BALTIMORE WB CITY BELTSVILLE BELTSVILLE PLT IND STA NO 5 BETHESDA COCKEYSVILLE GLEN ECHO GRANTSVILLE LUKE NEW GERMANY SALISBURY MUNICIPAL AP 6 SAVAGE RIVER DAM SINES DEEP CREEK UNIONVILLE WASHINGTON DC WB CITY						.01		.12		.12		.01	.02	.01		.01	.02	.01		.01					
DELAWARE WILMINGTON WB N CASTLE 6																									
-20th-																									
MARYLAND GRANTSVILLE LEONARDTOWN LUKE NEW GERMANY SAVAGE RIVER DAM SINES DEEP CREEK UNIONVILLE				.01		.08	.03	.08		.01	.01	.01	.02							.30	.17	.07			.79
DELAWARE WILMINGTON WB N CASTLE 6	*	.02																							.03
-21st-																									
MARYLAND ABERDEEN PHILLIPS FLD ANNAPOLIS U S N ACADEMY 6 BALTIMORE WB AIRPORT 6 BALTIMORE WB CITY BELTSVILLE BELTSVILLE PLT IND STA NO 5 BETHESDA COCKEYSVILLE GLEN ECHO GRANTSVILLE LEONARDTOWN LUKE NEW GERMANY SALISBURY MUNICIPAL AP 6 SAVAGE RIVER DAM SINES DEEP CREEK UNIONVILLE WASHINGTON DC WB CITY	.01	.05	*	*	*	.03		.01		.01				.01	.07	.03	.04	.10	.20	.18	.17	.09	.01	.05	1.05
DELAWARE WILMINGTON WB N CASTLE 6	*	.39	*	*	*	*		.13	*	*	*	*	*	.01	*	*	*	*	*		.47				
-22d-																									
MARYLAND ABERDEEN PHILLIPS FLD ANNAPOLIS U S N ACADEMY 6 BALTIMORE WB AIRPORT 6 BALTIMORE WB CITY BELTSVILLE BELTSVILLE PLT IND STA NO 5 BETHESDA COCKEYSVILLE GLEN ECHO GRANTSVILLE LEONARDTOWN LUKE NEW GERMANY SALISBURY MUNICIPAL AP 6 SAVAGE RIVER DAM SINES DEEP CREEK UNIONVILLE WASHINGTON DC WB CITY	.01	.01	.01					.05	.02	.01	.01	.01		.08	.02	*	*	*	*		.02				.23
DELAWARE WILMINGTON WB N CASTLE 6																									
-23d-																									
MARYLAND BALTIMORE WB CITY BELTSVILLE							.01																		.02
-26th-																									
MARYLAND SHARPTOWN																									
-29th-																									
MARYLAND ANNAPOLIS U S N ACADEMY 6 SALISBURY MUNICIPAL AP 6																									

See reference notes following Station Index.

HOURLY PRECIPITATION

MARYLAND AND DELAWARE
SEPTEMBER 1950

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-30th-																									
MARYLAND																									
ANNAPOLIS U S N ACADEMY 6	*	.04																							
BELTSVILLE	.01	.01																							.05
BETHESDA		.02	.01																						.03
WASHINGTON DC WB CITY	.02				.04																				.06

DAILY TEMPERATURES

MARYLAND AND DELAWARE
SEPTEMBER 1950

Table 5

Station	Day of month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABERDEEN PHILLIPS FLD	MAX	88	88	82	81	72	73	76	81	77	79	79	68	67	72	77	73	70	72	75	70	65	62	71	53	53	62	65	64	68	74	71.9
	MIN	77	77	67	58	53	53	52	54	58	58	68	65	62	59	58	59	56	51	49	58	58	61	58	51	38	38	44	45	52	55	57
ANNAPOLIS U S N ACADEMY	MAX	86	85	82	82	68	71	75	79	75	80	77	70	64	70	74	73	68	70	72	69	68	64	72	59	54	61	65	65	65	71	71.1
	MIN	77	73	73	65	59	60	60	61	66	66	66	63	62	61	63	61	58	56	61	60	63	59	59	47	44	43	51	55	57	59	60.3
BALTIMORE SLEDDS PT	MAX	90	90	88	84	71	73	76	82	76	84	82	80	65	75	77	75	72	74	77	75	69	67	73	70	55	63	64	64	67	73	74.4
	MIN	73	72	72	69	57	55	57	61	64	65	64	63	61	59	58	55	53	51	57	59	63	58	55	41	39	42	47	54	58	59	57.9
BALTIMORE WB AIRPORT	MAX	90	90	87	83	69	73	76	82	76	82	79	68	63	73	76	75	73	75	76	72	67	62	72	54	55	65	67	64	68	74	72.9
	MIN	73	72	73	62	54	54	53	56	63	66	67	63	60	59	57	54	53	49	58	59	61	57	53	40	40	42	44	52	56	60	57.0
BALTIMORE WB CITY	MAX	89	89	87	83	70	74	78	84	77	84	80	71	64	75	77	75	71	75	78	72	68	63	71	54	56	64	66	64	69	74	73.4
	MIN	75	75	73	65	57	58	57	62	67	67	68	63	61	60	63	59	57	55	61	62	62	58	52	45	44	49	51	55	59	62	60.1
BALTIMORE PARKVILLE	MAX	86	88	84	82	72	76	79	84	78	82	81	75	64	75	76	74	71	73	78	75	70	65	70	67	54	62	65	73	74	74	74.2
	MIN	72	72	71	66	52	52	51	57	60	69	64	63	59	58	58	54	51	49	58	58	62	56	54	38	40	42	45	51	53	59	56.5
BELTSVILLE	MAX	88	88	87	86	81	67	73	77	82	73	84	81	67	64	70	75	75	71	73	76	72	71	64	73	54	56	64	66	64	68	73.0
	MIN	71	71	71	68	50	50	48	55	58	60	65	63	61	59	54	52	43	46	54	57	63	56	50	40	37	40	41	46	51	58	54.6
BELTSVILLE PLT IND STA1	MAX	89	87	86	86	81	67	73	77	81	75	84	81	67	64	73	75	75	71	74	76	72	71	62	72	54	56	64	66	66	68	73.1
	MIN	69	70	70	67	49	48	49	54	59	65	63	62	60	58	51	51	49	45	54	56	62	55	49	40	36	38	39	49	50	57	54.1
BELTSVILLE PLT IND STA2	MAX	88	87	87	87	82	67	73	77	82	74	85	82	67	64	72	75	75	72	73	77	72	71	63	73	54	57	63	66	65	68	73.3
	MIN	70	71	71	67	48	49	49	54	58	66	64	63	61	60	51	52	48	48	53	56	63	57	49	41	35	39	40	50	50	59	54.7
BELTSVILLE PLT IND STA3	MAX	89	88	87	88	83	68	73	76	82	73	84	82	66	64	74	76	75	72	74	77	72	71	62	73	57	64	66	64	68	73.4	
	MIN	71	71	71	67	52	50	50	56	61	66	64	63	60	59	53	52	51	47	55	55	63	56	51	40	37	39	41	50	53	58	55.4
BELTSVILLE PLT IND STA4	MAX	87	87	87	87	83	69	75	77	83	73	85	83	66	64	73	75	75	72	74	77	73	72	66	72	54	56	63	67	65	69	73.6
	MIN	71	71	71	68	53	50	52	56	61	66	63	62	60	59	55	53	52	48	58	58	63	56	54	40	37	41	43	51	53	58	56.1
BELTSVILLE PLT IND STA5	MAX	88	88	88	87	82	67	74	72	81	74	84	82	67	64	74	75	72	72	75	77	72	72	63	72	54	57	64	67	66	69	73.3
	MIN	70	71	71	67	48	48	47	54	62	61	63	62	61	60	52	51	47	45	53	55	61	56	48	41	36	39	40	49	50	59	54.2
BELTSVILLE PLT IND STA6	MAX	88	89	88	87	83	67	74	71	80	73	84	81	66	64	74	76	75	71	75	76	71	71	62	74	53	57	65	67	65	69	73.2
	MIN	71	71	71	69	52	51	52	52	61	61	64	63	61	59	54	53	52	47	56	58	63	56	53	40	37	41	44	52	53	59	55.9
BENSON POLICE BRKS	MAX	86	86	81	80	76	73	76	82	78	82	79	76	64	73	75	72	70	72	75	73	69	65	74	69	53	62	65	63	68	73	73.0
	MIN	71	71	70	59	51	50	49	55	58	69	64	61	58	57	56	54	49	46	58	57	60	56	54	39	39	42	43	48	53	57	55.1
BENTLEY SPRINGS	MAX	84	85	78	78	70	72	76	81	75	83	80	73	60	73	73	71	69	73	77	68	65	63	67	68	51	64	63	61	63	72	71.2
	MIN	70	71	69	64	42	48	46	52	55	65	64	59	57	57	53	51	44	42	55	55	60	56	51	33	36	37	41	46	53	58	53.0
BLACKWATER REFUGE	MAX	88	88	89	88	84	74	78	84	87	82	82	70	72	76	76	74	74	78	74	76	74	74	73	56	60	66	68	66	75	76.3	
	MIN	76	75	70	71	56	55	53	55	64	70	68	64	62	60	60	58	56	50	65	62	65	62	60	46	42	42	42	52	56	59	59.2
BRIGHTON DAM	MAX	87	89	87	81	79	72	76	80	78	83	81	79	66	74	74	73	74	75	76	71	66	70	55	65	66	65	69	73	74.2		
	MIN	65	69	69	65	50	49	46	53	54	65	63	62	60	58	52	50	47	47	54	55	62	56	51	41	36	39	45	52	51	58	54.1
BRIGHTWOOD DC	MAX	88	88	87	88	84	70	73	76	80	73	82	83	66	64	72	75	75	72	74	75	71	70	62	73	54	57	63	64	65	68	73.1
	MIN	72	73	73	71	56	54	57	60	67	66	66	62	60	58	57	55	54	54	61	64	58	57	43	43	45	47	50	55	59	58.4	
BROOKSIDE MANOR	MAX	89	89	89	83	71	75	78	80	82	85	82	77	65	75	76	77	72	76	79	73	71	75	70	59	65	67	65	70	75	75.5	
	MIN	72	72	71	68	52	53	50	57	62	69	64	64	62	60	56	54	50	46	58	59	57	57	43	40	42	43	54	52	60	56.7	
CAMBRIDGE	MAX	91	91	91	85	74	75	78	86	83	85	82	82	70	75	78	76	72	76	80	76	77	70	75	66	56	62	68	69	65	70	76.1
	MIN	74	74	67	70	56	54	50	54	64	70	65	63	61	59	57	58	50	47	60	60	64	60	59	47	43	41	41	43	54	57.5	
CHARLOTTE HALL	MAX	86	85	87	83	75	78	75	78	76	84	80	77	67	72	75	75	76	72	78	72	76	69	72	69	57	61	64	65	67	72	74.1
	MIN	74	73	70	70	53	51	52	56	65	66	65	65	63	60	60	56	56	60	62	65	62	54	42	40	43	44	54	56	59	58.2	
CHELTENHAM	MAX	89	89	90	90	84	70	74	78	82	73	85	82	70	67	73	77	76	71	74	77	76	73	64	74	57	63	65	64	69	74.3	
	MIN	68	73	71	70	51	51	52	52	59	67	65	65	62	60	57	53	48	53	60	62	58	54	41	37	41	43	47	54	54	56.0	
CHESTERTOWN	MAX	91	90	88	85	71	76	79	86	80	83	79	67	63	75	78	76	72	75	75	72	70	65	74	58	54	62	68	67	75	74.0	
	MIN	76	72	71	64	55	53	53	57	60	69	66	62	60	59	59	58	54	53	63	63	63	57	56	43	42	42	46	51	52	59	57.8
CHEWSVILLE BRIDGEPORT	MAX	83	83	79	76	67	72	78	82	73	78	84	69	65	76	74	73	71	75	78	72	67	63	70	61	56	62	60	66	68	71.6	
	MIN	70	70	66	62	48	45	47	54	55	65	60	63	59	58	55	44	44	44	59	55	61	56	53	36	39	38	40	44	53	53	53.5
CLEAR SPRING	MAX	84	82	83	83	72	74	76	80	74	81	84	70	65	77	73	74	71	76	78	70	68	64	71	62	58	63	60	64	67	72.4	
	MIN	70	69	66	64	51	46	47	52	56	68	61	64	59	58	58	54	48	46	60	56	64	57	54	40	41	38					

DAILY TEMPERATURES

MARYLAND AND DELAWARE
SEPTEMBER 1950

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	
FORT GEO G MEADE	MAX	86	89	87	82	76	78	83	76	84	80	75	65	73	75	73	71	73	76	73	69	68	73	65	56	65	68	64	69	73	74	70
	MIN	62	69	69	64	45	42	46	51	57	64	63	60	59	57	52	49	46	42	53	54	58	52	48	35	32	35	36	46	47	57	51.7
FREDERICK POLICE BRKS	MAX	86	86	83	80	77	73	78	83	81	78	84	83	65	74	73	73	74	74	79	79	70	63	71	77	57	68	61	64	69	71	74
	MIN	69	70	68	65	50	49	49	55	60	65	61	61	58	58	55	52	48	47	50	51	61	55	55	39	40	41	41	43	54	56	54.2
FREDERICK WB AIRPORT	MAX	88	86	86	84	78	72	77	83	79	82	82	66	75	75	73	73	75	75	78	71	65	71	72	56	64	64	64	68	69	74	74.5
	MIN	71	72	69	66	51	49	50	56	60	67	62	65	60	60	55	54	47	46	57	58	65	57	56	39	41	42	42	47	54	58	55.9
FROSTBURG	MAX	81	80	76	72	65	71	72	77	67	71	79	70	62	70	65	68	69	74	73	62	61	62	65	50	56	65	62	60	60	66	67.7
	MIN	66	68	66	62	46	42	47	55	54	63	59	58	55	56	48	43	42	52	59	57	54	50	31	36	40	42	43	45	52	54	51.9
GERMANTOWN	MAX	84	88	87	80	67	75	81	80	76	82	82	72	65	75	71	71	72	74	74	71	70	68	70	65	58	65	64	69	70	73	73.3
	MIN	70	70	68	66	49	49	52	51	55	65	62	65	60	58	55	55	52	51	58	57	61	60	60	38	38	43	43	55	55	50	56.3
GLENN DALE BELL STA	MAX	88	89	89	87	80	77	76	83	80	83	80	77	66	74	77	76	75	74	76	76	70	67	74	73	56	65	67	64	68	74	75.4
	MIN	70	70	71	67	46	47	48	54	59	67	64	62	61	56	55	51	47	46	56	56	62	56	52	36	36	39	41	48	52	59	54.5
GRASONVILLE	MAX	89	91	87	84	80	77	81	82	81	85	81	75	65	75	78	75	70	75	74	75	69	72	71	55	40	61	70	68	67	72	75.3
	MIN	73	70	67	67	55	52	46	51	57	68	62	60	58	56	58	55	50	47	52	59	62	55	55	45	42	40	48	46	50	55	55.4
GREAT FALLS	MAX	88	85	80	78	75	74	78	79	71	83	84	75	65	75	78	78	73	77	76	72	70	67	72	65	59	62	63	65	72	73	73.7
	MIN	71	71	66	60	49	46	48	58	60	66	62	63	62	60	58	57	52	51	59	59	62	57	55	42	39	41	44	50	53	55	55.9
GREENBELT	MAX	89	87	89	89	84	69	75	77	83	74	85	81	67	65	73	73	70	74	75	73	71	65	73	55	56	64	67	64	71	74.1	
	MIN	70	71	70	68	49	47	47	50	56	63	64	64	61	60	56	53	49	47	48	56	58	57	53	40	36	40	41	44	52	54	54.1
HAGERSTOWN	MAX	85	82	80	77	75	72	77	81	75	75	83	78	65	76	73	70	75	79	73	67	62	70	63	56	62	59	64	67	65	72.0	
	MIN	70	70	67	64	50	47	52	56	59	66	62	65	59	58	58	53	47	59	56	61	56	56	38	40	41	42	47	57	56	55.2	
HANCOCK FRUIT LAB	MAX	84	86	85	76	78	68	74	78	82	70	74	85	66	64	79	72	72	72	78	80	67	65	64	72	53	59	65	62	67	72.0	
	MIN	67	66	65	64	44	41	44	48	52	56	63	60	59	59	56	48	42	44	46	53	55	56	51	33	38	36	40	42	46	47	50.7
HUNTINGTOWN	MAX	87	88	89	84	72	73	77	80	76	83	80	74	67	74	76	75	73	77	72	74	68	73	67	57	61	65	64	66	73	73.8	
	MIN	74	72	70	70	52	51	52	55	65	67	64	64	62	60	59	55	53	50	60	61	62	59	55	42	38	42	44	52	55	59	57.5
KEDDYVILLE	MAX	85	84	83	82	73	77	81	84	77	76	85	74	65	78	74	77	75	78	76	71	68	64	70	63	57	62	59	65	70	68	73.4
	MIN	70	67	66	47	43	47	54	60	66	60	63	58	59	54	50	46	45	58	58	62	55	51	38	38	42	44	49	54	58	53.7	
LA PLATA	MAX	91	89	90	87	78	73	78	81	78	83	82	72	71	73	78	76	76	75	81	80	75	71	76	68	60	65	61	70	68	73	76.0
	MIN	69	70	70	71	54	48	49	54	69	69	66	68	61	59	60	52	58	58	60	67	66	65	54	38	38	41	47	50	58	57.6	
LAUREL 3 W	MAX	87	87	85	84	77	72	77	81	79	83	79	77	70	71	73	73	73	74	74	69	65	70	68	54	63	65	62	67	70	73.5	
	MIN	71	72	71	66	52	50	53	58	62	65	64	61	61	58	59	55	52	51	57	58	63	56	55	40	40	43	46	51	54	56.7	
LEONARDTOWN 4 SSW	MAX	90	91	91	87	81	77	81	81	85	84	77	72	75	80	77	78	80	82	74	77	73	75	65	59	62	66	68	68	75	77.1	
	MIN	75	74	72	71	55	53	53	55	65	68	66	65	64	62	59	55	52	61	61	64	63	56	45	41	42	44	46	51	60	58.4	
LISBON	MAX	85	87	84	79	72	72	78	83	74	84	81	75	63	75	74	73	70	77	76	72	68	65	68	66	54	65	64	63	68	73	72.9
	MIN	69	69	72	63	48	46	48	54	64	61	61	58	57	52	53	47	45	55	55	61	58	52	38	38	39	40	46	54	57	53.9	
MIDDLE RIVER	MAX	90	87	83	81	78	72	76	80	79	83	78	64	76	75	73	71	75	74	69	65	71	69	55	61	69	65	71	65	67	72	73.6
	MIN	74	72	71	65	54	54	58	61	69	65	63	58	58	58	56	54	52	58	56	61	57	55	42	40	42	47	51	54	58	57.4	
MILLINGTON	MAX	93	92	88	83	74	75	80	86	80	83	76	73	64	75	79	76	71	77	78	73	69	66	76	63	55	64	68	67	68	75	74.9
	MIN	74	73	67	63	53	52	51	55	58	70	66	62	60	59	59	53	49	53	57	63	58	56	39	40	43	42	51	52	59	56.7	
NATIONAL ARBORETUM DC	MAX	88	88	88	87	81	75	77	84	80	81	85	83	68	74	77	77	76	76	75	77	72	69	74	74	59	64	67	65	70	73	76.1
	MIN	71	70	70	68	51	49	58	55	67	69	62	62	60	58	56	54	50	49	58	58	63	55	59	41	41	42	43	50	53	58	56.7
NEW GERMANY	MAX	79	78	77	72	68	60	69	70	74	69	71	78	65	72	68	66	64	74	79	69	65	66	62	48	53	66	62	61	61	67.8	
	MIN	63	63	62	61	40	33	39	45	50	54	55	54	55	53	51	44	36	35	49	55	54	51	50	29	30	30	31	35	45	49	46.7
OAKLAND	MAX	78	79	74	70	63	66	68	76	70	73	78	71	72	69	65	68	69	75	72	68	68	69	66	60	55	70	66	63	64	72	69.2
	MIN	65	66	65	61	40	38	48	56	56	60	56	56	58	55	53	51	42	38	47	60	55	54	53	31	31	30	34	43	44	41	49.6
OCEAN CITY	MAX	90	89	85	77	78	76	77	83	82	85	74	72	70	70	82	79	72	79	77	79	75	71	76	60	58	62	67	70	66	74	75.2
	MIN	76	76	72	62	62	65	66	70	67	65	66	62	61	61	58	57	55	62	63	66	64	58	43	42	46	50	60	60	56	63	61.5
OWINGS FERRY LANDING	MAX	89	89	91	85	77	73	76	81	75	85	81	74	66	74	77	77	70	73	78	71	72	69	75	66	58	62	66	64	71	74.4	
	MIN	74	72	72	70	51	49	51	55	64	67	64	64	62	60	58	56	53	49	59	60	63	59	55	42	39	43	43	52	52	58	57.2
OXFORD	MAX	84	84	84	83	81	75	76	81	79	81	76	76	68	72	74	74	72	71	71	70	70	73	67	53	60	66	68	65	71	73.2	
	MIN	75	73	71	69	59	56	59	64	68	65	63	60	58	54	53	51	44	40	64	59	59	49	48	46	47	53	55	58	57	59.7	
PICARDY	MAX	83	85	81	75	66	71	75																								

DAILY TEMPERATURES

MARYLAND AND DELAWARE
SEPTEMBER 1950

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 MUNICIPAL A P	MAX	90	92	91	85	72	75	75	78	81	87	77	71	71	70	76	75	71	76	79	76	78	69	74	59	54	62	65	69	62	75	74.5
	MIN	75	72	68	65	56	55	54	54	65	65	72	64	63	62	60	60	56	50	45	58	59	64	62	57	40	39	38	41	52	54	57.1
SINES DEEP CREEK	MAX	79	76	75	69	60	68	70	75	73	75	77	72	73	69	62	67	67	73	70	68	67	68	63	56	54	68	65	69	68	73	69.0
	MIN	56	59	55	49	35	31	42	52	53	63	56	57	58	55	54	48	43	40	46	59	57	54	41	32	33	33	36	46	49	42	47.8
SNOW HILL	MAX	90	90	90	85	83	75	78	81	83	85	80	76	78	71	78	76	71	76	79	77	78	75	74	71	55	62	65	70	65	75	76.4
	MIN	73	73	69	71	54	54	53	51	66	72	66	62	63	61	60	51	52	45	55	59	66	63	56	45	38	39	41	51	55	61	57.5
SOLOMONS	MAX	88	88	89	85	76	75	81	84	80	86	82	76	70	73	78	77	73	73	80	73	76	71	75	69	55	61	67	65	73	75.5	
	MIN	76	76	74	73	61	59	62	64	69	69	67	66	66	63	65	60	60	58	62	65	67	64	59	48	47	49	52	57	58	60	62.5
TAKOMA PARK MISS AVE	MAX	86	85	87	83	70	74	77	80	73	84	82	74	65	72	76	75	72	74	74	71	71	66	72	65	56	64	65	69	73	73.3	
	MIN	71	72	70	70	52	52	51	57	60	66	64	63	61	60	56	55	51	50	58	58	64	57	55	40	40	42	44	51	53	59	56.7
TONOLOWAY	MAX	80	81	82	74	62	74	78	81	72	78	85	76	65	77	71	73	72	77	78	71	67	63	70	62	58	66	65	62	67	63	71.7
	MIN	67	68	65	57	44	42	46	52	55	66	62	60	59	52	49	45	47	53	59	61	57	52	32	37	37	42	44	51	48	52.3	
TOWSON	MAX	87	88	87	82	79	74	79	84	82	83	82	80	65	75	76	75	73	75	77	76	70	66	70	67	54	67	65	70	74	74.7	
	MIN	70	69	69	63	47	48	46	47	57	66	61	60	56	55	54	51	48	44	55	54	59	54	52	37	36	38	41	46	51	56	53.0
UNIONVILLE	MAX	86	86	82	79	75	74	80	85	73	85	81	87	64	76	74	73	71	77	78	72	68	64	68	61	55	65	63	64	70	72	72.9
	MIN	71	71	68	66	47	46	46	54	58	66	62	63	60	59	57	55	53	52	57	59	60	56	54	42	41	43	46	49	54	58	54.0
U S SOLDIERS HOME D C	MAX	88	88	88	89	84	69	74	78	82	73	84	85	67	65	72	77	75	72	73	76	71	79	62	74	49	52	63	66	68	73.6	
	MIN	77	71	71	69	53	52	54	58	61	64	64	63	60	59	57	55	53	52	57	59	60	56	54	42	41	43	46	49	54	56	57.0
VIENNA	MAX	91	90	91	86	78	76	76	84	84	88	83	73	69	72	77	76	72	75	77	72	77	72	75	69	56	61	68	70	76	76.1	
	MIN	76	76	70	70	53	53	52	52	63	70	66	65	62	60	60	55	53	48	62	61	65	61	56	43	40	41	43	44	45	55	57.3
VIERS MILL	MAX	87	88	86	81	73	74	77	80	72	83	84	75	65	73	75	74	75	74	76	73	70	67	71	66	58	64	65	69	73	73.7	
	MIN	71	70	70	68	49	50	47	55	59	61	63	62	60	59	53	51	49	47	59	57	64	56	55	40	38	39	41	48	54	56	55.0
WALDORF POLICE BRKS	MAX	90	89	89	87	82	73	80	80	79	86	82	79	70	74	77	77	75	75	78	75	75	69	75	73	57	63	65	67	76	76.0	
	MIN	72	73	71	70	52	51	49	54	60	67	65	65	62	60	55	53	53	47	58	60	63	59	54	42	37	40	42	52	53	59	56.6
WASHINGTON WB CITY DC	MAX	87	88	89	82	68	77	81	84	74	87	84	71	65	73	76	77	74	76	77	73	73	65	74	55	59	63	65	68	71	75	74.4
	MIN	74	74	73	63	56	55	55	60	67	68	66	64	62	62	60	58	55	55	62	62	65	59	55	44	44	46	48	54	58	61	59.5
WATERLOO POLICE BRKS	MAX	89	89	88	81	79	75	81	83	75	84	80	80	71	74	73	74	74	74	79	78	69	66	72	76	55	65	66	63	68	73	75.1
	MIN	71	72	71	66	53	50	51	55	57	67	65	62	59	59	58	54	50	48	55	56	63	57	52	42	38	38	43	50	53	59	55.7
WESTERN PORT	MAX	83	82	80	78	70	76	79	81	72	74	82	75	70	75	72	74	75	79	75	70	65	64	69	60	62	68	66	63	65	73	72.6
	MIN	67	68	67	55	44	44	46	53	53	64	63	63	60	55	58	49	47	43	51	61	59	56	55	34	38	37	38	47	55	53	52.8
WESTMINSTER	MAX	86	87	80	79	72	72	76	80	75	82	81	76	65	76	73	71	72	75	74	67	64	68	64	52	65	63	62	66	72	72.3	
	MIN	71	71	67	63	49	47	48	55	60	65	64	61	58	57	56	54	46	45	58	55	60	55	52	38	39	40	43	47	54	58	54.5
WHALEYSVILLE	MAX	90	93	87	86	86	77	77	79	80	84	85	72	72	69	78	76	72	75	80	77	76	70	75	70	60	61	65	70	67	75	76.1
	MIN	72	73	67	69	52	51	50	49	62	72	65	60	61	59	59	54	50	44	55	57	62	60	54	42	37	39	49	49	53	53	55.5
WHITE HALL	MAX	79	79	76	74	64	64	66	70	70	78	74	65	59	68	68	66	60	67	70	66	60	58	65	51	48	53	52	50	56	62	64.6
	MIN	68	67	64	59	43	41	43	49	51	64	62	59	56	56	54	45	43	39	50	52	58	54	48	34	35	36	45	44	47	50.1	
WOODSTOCK COLLEGE	MAX	85	86	85	81	77	73	76	81	77	83	82	77	64	75	75	72	72	75	74	73	65	69	66	54	64	65	62	68	74	73.5	
	MIN	69	69	67	64	45	45	45	51	55	65	64	62	60	58	54	52	49	44	56	55	62	56	54	38	37	39	39	47	53	58	53.7
DELAWARE																																
BRIDGEVILLE	MAX	89	89	89	87	73	75	78	84	83	89	79	70	66	72	77	77	70	76	78	75	77	69	75	64	55	62	66	68	62	75	75.0
	MIN	72	73	69	69	51	52	50	52	62	71	64	61	61	59	59	54	51	46	57	59	64	59	55	40	38	38	40	49	54	58	56.2
DELAWARE CITY REEDY PT	MAX	88	86	81	82	78	73	79	81	81	82	77	73	65	70	77	76	74	71	75	74	67	66	71	69	57	64	65	66	74	73.6	
	MIN	74	74	68	65	60	55	51	56	60	72	70	60	57	57	59	54	51	46	56	63	63	60	55	39	40	45	44	57	53	57	57.4
DOVER	MAX	90	90	84	79	70	75	78	80	80	81	83	71	70	73	78	77	76	74	75	76	76	67	72	70	56	62	67	67	65	74	74.5
	MIN	74	71	70	65	53	55	52	55	61	69	64	58	59	59	60	54	52	48	57	60	62	58	55	40	39	39	41	53	52	53	56.3
GEORGETOWN	MAX	93	91	92	86	76	78	79	84	82	89	78	70	67	72	78	77	72	76	80	76	77	68	74	68	55	62	67	70	62	77	75.9
	MIN	74	75	69	70	52	53	47	50	61	73	66	60	62	60	60	54	50	46	57	59	65	60	56	41	37	38	39	49	52	60	56.5
LEWES	MAX	91	88	85	82	75	72	73	78	78	85	75	71	66	70	80	77	66	72	79	74	72	67	71	63	52	61	65	67	64	70	73.0
	MIN	74	73	70	71	60	52	51	53	67	71	67	64	61	60	58	53	50	46	58	60	59	60	56	42	37	40	40	47	50	60	57.0
MILFORD	MAX	91	92	89	87	78	78	81	84	81	89	84	71	65	73	78	77	72	77	77	76	77	69	74	71	55	62	67	68	63	75	76.0
	MIN	70	73	70	68	56	52	50	54	63	72	64	61	61	60	60	55	51	48	58	57	64	58</									

