



CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF COMMERCE
JOHN T. CONNOR, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

MARYLAND AND DELAWARE

SEPTEMBER 1966

Volume 70 No. 9

CLIMATOLOGICAL DATA

Station	Temperature											Precipitation															
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										32° or Above								Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More				
										Max.	Min.	32° or Above	32° or Below														
MARYLAND																											
* * *																											
SOUTHERN EASTERN SHORE 01																											
CRISFIELD SOMERS COVE	77.2	62.4	69.8	- 2.8	89	4	50	17	20	0	0	0	0	5.91	2.08	2.35	15	.0	0		8	4	2				
OCEAN CITY MOTEL																											
POCOMOKE CITY 1 S	77.4	66.7 ^M	67.6 ^M		93	4+	39	17	45	2	0	0	0	6.91		1.79	20	.0	0		8	5	3				
PRINCESS ANNE	78.4	56.7	67.6		93	4+	39	17	45	4	0	0	0	4.57		1.57	15	.0	0		7	4	1				
SALISBURY	79.3	58.1	68.7		95	3	44	17	35	4	0	0	0	4.48	.04	1.48	15	.0	0		6	3	2				
SALISBURY FAA AIRPORT	77.3	58.0	67.7		94	3	42	17	46	3	0	0	0	4.01		1.11	21	.0	0		8	3	1				
SNOW HILL	78.1 ^M	57.5	67.8 ^M	- 1.4	95	4	42	17	43	3	0	0	0	4.32	.18	1.61	20	.0	0		6	4	1				
DIVISION			68.3	- 1.7										5.03	.80			.0									
* * *																											
CENTRAL EASTERN SHORE 02																											
BLACKWATER REFUGE	77.4	57.2	67.3		93	4+	43	17	52	3	0	0	0	4.96		1.38	15	.0	0		6	3	2				
CAMBRIDGE 4 W	76.8	56.7	66.8		93	4+	41	17	58	3	0	0	0	6.17		1.55	21	.0	0		8	3	3				
DENTON 1 WNW		55.1 ^M	67.4 ^M				42	17				0	0	7.40		2.19	21	.0	0								
EASTON POLICE BARRACKS	77.3	57.5	67.4	- 1.8	92	3	45	17	54	2	0	0	0	6.91	2.96	2.25	21	.0	0		9	4	3				
PRESTON 1 S	76.7	55.7	66.2		93	3	42	17	60	4	0	0	0	5.48		1.83	21	.0	0		9	4	3				
ROYAL OAK	77.0	57.4	67.2		93	3	45	17	54	3	0	0	0	6.53		2.52	21	.0	0		10	4	2				
VIENNA	78.2	57.2	67.7		98	4	42	17	48	4	0	0	0	4.23		.92	20	.0	0		9	3	0				
DIVISION			67.1	- 2.4										5.95	1.87			.0									
* * *																											
LOWER SOUTHERN 03																											
CHARLOTTE HALL 1 ESE																											
LA PLATA 1 W	76.9	54.6	65.8		94	3	41	17	68	4	0	0	0	9.11		3.29	14	.0	0		8	5	3				
LEONARDTOWN 3 NW	77.6	53.5	65.6		94	5+	39	17	74	4	0	0	0	7.45		2.58	21	.0	0		7	3	3				
OWINGS FERRY LANDING	76.0	57.4	66.7	- 2.2	95	3	46	18	65	2	0	0	0	7.35	3.18	2.50	20	.0	0		10	4	3				
PRINCE FREDERICK	75.2 ^M	55.9 ^M	65.6 ^M		94	3	40	17	91			0	0	7.69		2.30	20	.0	0		8	5	3				
SOLOMONS														7.90	3.95			.0	0								
WALDORF POLICE BRKS	77.4 ^M	53.3 ^M	65.4 ^M		95	3+	43	18	73	4	0	0	0					.0	0								
DIVISION			65.8	- 3.6										7.90	3.91			.0									
* * *																											
UPPER SOUTHERN 04																											
ANNAPOLIS	75.6	58.5	67.1	- 2.8	92	3	45	17	60	2	0	0	0	6.67	3.21	2.90	14	.0	0		8	3	3				
BALTIMORE WB AIRPORT R	76.0	57.4	66.7	- 1.4	95	3+	46	24	68	4	0	0	0	8.50	5.17	3.82	14	.0	0		10	3	3				
BELTSVILLE	75.7	54.8	65.3		94	4	41	17	93	4	0	0	0	8.69		4.40	15	.0	0		8	4	3				
BELTSVILLE PLANT STA 5	76.2	53.1	64.7		95	4	41	17	88	4	0	0	0	9.51		4.00	15	.0	0		9	4	3				
COLLEGE PARK	76.6	55.6	66.1	- 2.5	95	3	43	17	68	5	0	0	0	8.59	4.79	5.30	14	.0	0		7	3	2				
DALECARLIA RESVR D C		54.6 ^M	65.7 ^M				42	25				0	0	9.60		5.50	14	.0	0		8	5	3				
FORT GEORGE G MEADE	77.0	54.4	65.7		95	3	40	17	73	5	0	0	0	8.87		4.40	14	.0	0		8	4	3				
GLENN DALE BELL STA	77.7	53.0	65.4	- 2.4	95	3	40	17	75	5	0	0	0	8.35	4.49	4.17	14	.0	0		9	3	3				
LAUREL 3 W	78.5	60.0	69.3		97	3	48	25	69	5	0	0	0	9.34		4.24	15	.0	0		7	4	3				
NATIONAL ARBORETUM D C	76.9	56.5	66.7		94	3	46	17	58	4	0	0	0	8.28		4.73	14	.0	0		7	3	2				
SUITLAND	75.1	57.9	66.5		93	4	47	17	74	3	0	0	0	6.56		2.66	15	.0	0		7	4	2				
U. S. SOLDIERS HOME DC	75.6	58.2	66.9		94	3	48	16	67	4	0	0	0	10.84		6.93	14	.0	0		9	3	3				
UPPER MARLBORO 3 NNW	76.3	52.1	64.2		94	4	39	17	97	3	0	0	0	6.76		3.10	15	.0	0		8	4	2				
DIVISION			66.2	- 2.3										8.50	4.74			.0									
* * *																											
NORTHERN EASTERN SHORE 05																											
CENTREVILLE	76.0	55.8	65.9		92	3	42	17	77	2	0	0	0	7.71		2.41	21	.0	0		8	4	3				
CHESTERTOWN	75.4	58.1	66.8		93	3	47	16	65	2	0	0	0	6.92		2.29	21	.0	0		9	6	2				
COLEMAN 3 WNW	79.1 ^M		66.8 ^M		96	3				4	0	0	0	9.93	6.22	2.70	20	.0	0		8	6	5				
MILLINGTON	76.1	55.3	65.7	- 2.9	94	3	42	17	71	4	0	0	0	6.36	2.74	2.55	21	.0	0		8	5	2				
ROCK HALL	76.4	58.9	67.7	- 1.3	94	3	46	17	55	2	0	0	0	7.23	3.52	2.00	21	.0	0		8	6	2				
DIVISION			66.5	- 2.8										7.63	4.05			.0									
* * *																											
NORTHERN CENTRAL 06																											
ABERDEEN PHILLIPS FLD	77.2	55.7	66.5		93	3	44	17	64	5	0	0	0	5.86		2.20	14	.0	0		8	4	2				
BALTIMORE WB CITY	76.7	62.8	69.8	- .8	96	3+	50	16	40	4	0	0	0	7.24	3.61	3.74	14	.0	0		8	3	2				
BENSON POLICE BARRACKS	74.8	56.2	65.5		90	3	42	27	82	1	0	0	0	5.75		2.00	14	.0	0		8	4	2				
BOYDS 2 NW	74.6	55.1	64.9		92	3	42	16	87	3	0	0	0	8.72		5.25	14	.0	0		8	4	1				
CONOWINGO DAM	75.0 ^M	55.9 ^M	65.5 ^M		92	3	43	27	76	2	0	0	0	5.09		2.74	14	.0	0		7	3	1				
ELKTON	76.4	56.2	66.3	- 1.5	93	2	43	27	68	3	0	0	0	7.41	3.85	3.07	14	.0	0		8	5	2				
EMMITSBURG 2 SE	75.7	51.7	63.7		95	2	39	27	112	4	0	0	0	12.67		7.50	14	.0	0		8	5	3				
FREDERICK WFMD	74.3	54.9	64.6	- 2.2	95	3	41	17	96	3	0	0	0	10.82	7.40	6.05	14	.0	0		6	4	3				
PARKTON 2 SW	72.5	53.5	63.0		92	3	39	16	129	2	0	0	0	6.93		3.40	14	.0	0		9	3	1				
ROCKVILLE																											
TOWSON																											
UNIONVILLE	73.8	51.1	62.5		93	3	39	16	126	3	0	0	0	10.09		7.15	14	.0	0		7	4	1				

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
SEPTEMBER 1966

Continued

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										30° or Above	30° or Below	32° or Above	32° or Below										
WESTMINSTER 2 SSE	71.6	54.1	62.9	- 3.6	90	3	39	16	124	1	0	0	0	8.91	3.20	3.98	15	.0	0		8	4	3
WHEATON REGIONAL PARK	73.9	53.9	63.9		91	3	42	17	94	1	0	0	0	9.59	4.70	14		.0	0		7	4	2
WOODSTOCK	73.2	53.0M	63.1M	- 3.4	93	3	40	16	119	4	0	0	0	8.38	4.41	5.03	14	.0	0		6	4	2
DIVISION			64.8	- 2.3										8.27	4.56			.0					
* * *																							
APPALACHIAN MOUNTAIN 07																							
BOONSBORO	73.6	53.8	63.7		94	3	40	17	109	3	0	0	0	8.66		4.00	14	.0	0		8	4	3
CHEWSVILLE BRIDGEPORT	74.7	52.3	63.5	- 2.2	95	3	38	16	111	4	0	0	0	7.69	4.66	4.32	14	.0	0		9	3	1
CUMBERLAND	71.7	50.9	61.3		91	2	35	16	155	2	0	0	0	4.46		1.35	14	.0	0		5	4	2
CUMBERLAND POLICE BRKS	72.3	45.5	58.9		91	3	30	16	212	2	0	2	0	7.17		2.13	20	.0	0		8	4	3
FROSTBURG	69.1	48.9	59.0	- 4.5	86	4	34	16	208	0	0	0	0	5.94	2.75	1.65	21	.0	0		8	3	3
HAGERSTOWN	74.1	54.0	64.1		94	2	41	16	105	3	0	0	0	7.75		4.33	14	.0	0		9	3	2
HANCOCK FRUIT LAB	73.4	51.0	62.2		93	4	37	16	136	4	0	0	0	5.48	2.58	1.84	14	.0	0		8	4	3
PICARDY	73.4	51.9	62.7		93	3	35	16	133	3	0	0	0	5.86		2.58	14	.0	0		10	3	2
WESTERNPORT	73.8	51.5	62.7	- 3.8	91	3	36	16	121	3	0	0	0	5.47	2.35	2.30	14	.0	0		7	2	2
DIVISION			62.0	- 3.7										6.50	3.42			.0					
* * *																							
ALLEGHENY PLATEAU 08																							
BITTINGER 2 NW	63.9	47.7	55.8		80	3	32	16	283	0	0	1	0	4.77		1.76	14	.0	0		9	2	2
OAKLAND 1 SE	66.9	45.7	56.3	- 4.5	84	1	30	17	263	0	0	2	0	5.06	1.78	1.95	14	.0	0		7	3	2
SAVAGE RIVER DAM	69.1	48.7	58.9		86	1	34	17	206	0	0	0	0	4.87		1.52	14	.0	0		9	4	2
SINES DEEP CREEK 2	66.6	45.9	56.3	- 3.3	82	3	32	16	260	0	0	1	0	4.41	1.00	.96	14	.0	0		7	5	0
DIVISION			56.8	- 3.4										4.78	1.53			.0					
DELAWARE																							
* * *																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	76.9	55.3	66.1		94	3	42	16	69	4	0	0	0	7.07		2.59	21	.0	0		8	5	3
NEWARK UNIVERSITY FARM	76.2	56.2	66.2		94	3	42	27	75	3	0	0	0	6.82		2.00	14	.0	0		8	5	3
WILMGTON NCASTLE WB AP	74.6	56.0	65.3	- 2.3	91	3	43	27	84	2	0	0	0	8.53	4.58	3.72	14	.0	0		7	4	2
WILMGTON PORTER RESVR	74.0	56.5	65.3		92	3	44	16	88	2	0	0	0	8.17	4.74	3.60	14	.0	0		8	3	2
DIVISION			65.7	- 2.3										7.65	4.17			.0					
* * *																							
SOUTHERN 02																							
BRIDGEVILLE 1 NW	77.1	55.4	66.3	- 2.1	94	3	40	17	68	3	0	0	0	3.98	- .04	.90	20	.0	0		8	4	0
DOVER	77.7	58.2	68.0	- 1.4	94	3	45	17	50	3	0	0	0	6.18	2.37	1.25	29	.0	0		10	5	3
GEORGETOWN 5 SW	77.0	54.9M	66.0M		94	4	39	17	68	3	0	0	0	4.79		1.38	21	.0	0		8	4	2
LEWES 1 SW	74.6	57.4	66.0		94	4	43	17	70	1	0	0	0	6.41		2.04	21	.0	0		10	5	2
MILFORD 3 NNW																							
SELBYVILLE	78.2	56.5	67.4		95	5	41	17	52	3	0	0	0	5.45		1.61	20	.0	0		8	4	2
DIVISION			66.7	- 2.2										5.36	1.27			.0					

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 98° ON THE 4TH AT VIENNA, MARYLAND

LOWEST TEMPERATURE: 30° ON THE 17+ AT 2 STATIONS

GREATEST TOTAL PRECIPITATION: 12.67 INCHES AT EMMITSBURG 2 SE, MARYLAND

LEAST TOTAL PRECIPITATION: 3.98 INCHES AT BRIDGEVILLE 1 NW, DELAWARE

GREATEST ONE-DAY PRECIPITATION: 7.50 INCHES ON THE 14TH AT EMMITSBURG 2 SE, MARYLAND

See Reference Notes Following Station Index

MARYLAND AND DELAWARE - SEPTEMBER 1966

SPECIAL WEATHER SUMMARY

Until the 13th, September was dry and, while the first 5 days were very warm, temperatures had become more nearly normal during the following days. The drought, which had long been plaguing the two-state area, reached its greatest severity at this time. But, from the 13th, it was cool and wet. Over much of the area, it was one of the wettest Septembers on record; in fact, it was the wettest for such stations with long records as Frederick and Chewsville-Bridgeport. Oddly, this heavy September rainfall was not the result of hurricane activity, but of two low pressure systems moving slowly northeastward along the Atlantic coast, the first on the 13th-15th and the second on the 19th-22d. The type of circulation which brought these systems had become very uncommon during recent years, especially during the warm half of the year.

The heaviest monthly rainfall ranged from 9 to over 16 inches and was located in north-central

Maryland and the District of Columbia. The Maryland counties included Frederick, Montgomery, Howard, western Carroll, eastern Washington, and northwest Prince Georges. For this general area, it was the wettest September since 1934. The actual heaviest recorded monthly total was 16.42 inches at the unpublished station of Catoclin Mountain Park near Thurmont, Frederick County. Record 1-day September rainfalls were also set in this general area on the 14th and included such stations as Frederick, Emmitsburg, Chewsville-Bridgeport, and College Park. Finally, it should be noted that the September rainfall equalled or exceeded the totals of the previous 4 months, May through August, for many stations.

September's rainfall may have finally brought an end to the prolonged drought conditions; at the very least, it would bring a very substantial interruption to this long period of abnormally dry weather.

W. J. Moyer
Weather Bureau State Climatologist
Weather Bureau Airport Station
Friendship International Airport
Baltimore, Maryland 21240

DAILY PRECIPITATION

MARYLAND AND DELAWARE
SEPTEMBER 1966

Station	Total	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																																		
SOUTHERN EASTERN SHORE 01																																		
CRISFIELD SOMERS COVE	5.91														.15	2.35					.87	.22					.18	.17	.82	1.15				
OCEAN CITY HOTEL	6.91														.35	1.42					1.79	1.45					.20	.21	.73	.76				
POCOMOKE CITY 1 S	4.57														.01	1.57					.97	.78	.01				.10	.26	.39	.35				
PRINCESS ANNE	4.48														.07	1.48					1.05	.09		.08			.02	.19	.26	.34				
SALISBURY	4.01														.84	.11					.13	.96	1.11	.05	T	T	.01	.16	.26	.38				
SALISBURY FAA AIRPORT	4.32														T	.75	.03				1.61	.71					.06	.27	.35	.54	.01			
SNOW HILL																																		
CENTRAL EASTERN SHORE 02																																		
BLACKWATER REFUGE	4.96					.08									.08	T	1.38				.96	1.31	.08				.02	.32	.40	.33				
CAMBRIDGE 4 W	6.17					.05									.04	1.54	.16				1.13	1.55	.39	.03		T	.02	.46	.36	.44				
DENTON 1 MNW	7.40					.15	.20								1.00	.35					1.00	2.19	1.05		.03		.02	.46	.36	.44				
EASTON POLICE BARRACKS	6.91					.05	T								.06	.90	1.32				T	1.14	2.25	.21	.28		.03	.23	.30	.72				
PRESTON 1 S	5.48					.04									.03	1.00	.10				T	1.04	1.63	.26	.13		.01	.23	.21	.60				
ROYAL OAK	6.53					.12									.05	.65	.17				T	1.15	2.52	.18	.13		.03	.28	.37	.88				
VIENNA	4.23					.21									.75	.11					T	.92	.78	.33			.07	.34	.38	.34				
LOWER SOUTHERN 03																																		
CHARLOTTE HALL 1 ESE	9.11														.30	3.29	.19				T	1.90	1.91	.09			.07	.52	.93	.91				
LA PLATA 1 W	7.45														.15	2.25	.05					1.45	2.58	.03		T	.05	.26	.29	.34				
LEONARDTOWN 3 NW	7.35					.15									.07	1.38	.20	.10				2.50	1.50	.25			.27	.31	.61					
OWINGS PERRY LANDING	7.69														1.70	.22						2.30	1.95	.09			.10	.58	.15	.60				
PRINCE FREDERICK																																		
SOLOMONS	7.90																					3.55	.40	.02			.08	.33	.38	.44				
WALDORF POLICE BRKS						.08									T		.40					1.45	1.38	.35	.18		.02	.25	.19	.30	.03			
UPPER SOUTHERN 04																																		
ANNAPOLIS	6.67					.06	T								T	2.90	.18				T	1.10	1.00	.47			.09	T	.21	.24	.42			
BALTIMORE WB AIRPORT	8.50					T									T	.22	5.82	.17				.20	1.75	1.15	.19	T	.04	.11	.27	.29	.40			
BELTSVILLE	6.69															.82	1.59					.62	1.59				.11	.12	.36	.11				
BELTSVILLE PLANT STA 5	9.51					.06									.01	2.33	4.00					.67	1.37	T		T	.10	.11	.58	.24				
COLLEGE PARK	8.59					.06									.03	5.30	.13					.88	1.20			.09	.19	.28	.43					
DALECARLIA RESVR D C	9.40	.02				.10	.08								.02	5.50	.50					1.29	1.03	.03	.10		.05	.05	.33	.50				
FORT GEORGE G MEADE	8.87					.02									.08	4.40	.26				T	1.12	1.66	.02	.10	.05	.05	.33	.18	.68				
GLENN DALE BELL STA	8.35					.14									.01	6.17	.28					1.01	1.46	.03	.30	.08	.07	.27	.24	.36				
LAUREL 3 W	9.34					.01									T	1.63	.42					.64	1.60	.02	.03	.05	.06	.09	.37	.19	.44			
NATIONAL ARBORETUM D C	8.28					.02									T	4.73	.33					.89	1.21	.06	.05	.05	.02	.23	.21	.43				
SUITLEND	6.56	T													T	.92	2.66	T			T	.75	1.47	.02	.06	T	T	.05	.12	.11	.06	.36		
U. S. SOLDIERS HOME DC	10.84					.14									.07	6.95	.09					.20	1.02	1.12	.14		.08	.01	.24	.33	.45			
UPPER MARLBORO 3 NW	6.76														T	.77	5.10	T			T	.85	1.30	T	.06	.02	T	.06	.11	.11	.10	.28		
NORTHERN EASTERN SHORE 05																																		
CENTREVILLE	7.71					T									.05	.45	.36	.02				.02	.74	2.41	1.95	T	.07	.22	.16	1.17	.03			
CHESTERTOWN	6.92					.04	T								.01	.08	1.36	.11				.01	.78	2.29	.69		.11	.26	.56	.60				
COLEMAN 3 MNW	9.93														1.56	2.00	.11					2.70	1.00	.22			.38	.76	1.30					
MILLINGTON	6.36														.02	.93						.63	2.55	.35			.06	.08	.20	.17	1.02	.02		
ROCK HALL	7.23					.02									T	1.75	.65					T	.75	2.00	.66		.08	.03	.33	.16	.78			
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	5.86														T	.03	2.20	.40					1.08	.78	.26		.03	T	.34	.13	.61			
BALTIMORE WB CITY	7.24														.02	.18	3.74	.05				.21	1.09	.84	.03	.04	.04	.21	.44	.37				
BENSON POLICE BARRACKS	5.75															T	2.00	.80					.60	1.20	.21	.02	.03	.06	.26	.14	.35	.03		
BOYDS 2 NW	8.92					.06	.02								.19	5.25	.73	.03				.76	.65	.08			.06	.61	.57	.49				
BRIGHTON OAM	10.42															.18	1.99	4.31	.01				.67	1.28	.07	.29	.06	.05	.46	.55	.46			
BROOKDALE	11.58					.16	.06								.11	.06	7.31	.43				T	1.04	1.12	.21	T	.11	T	.19	.31	.67			
CONOWINGO DAM	5.08														.01	.05	2.74	.04				T	.52	.85	.15		.05	.02	.14	.11	.42	.01		
ELKTON	7.41															3.07	.66					.65	1.78	.12		.07	.04	.20	.20	.62				
EMMITSBURG 2 SE	12.67					.63									.02	7.50	1.63					.02	1.17	.71	.06	T	.04	.23	.58	.24				
FREDERICK WFMD	10.82					T									T	1.10	.83	T				T	1.10	.83	T		.02	.05	.25	.05	.44	T		
FREDERICK 3 E	10.27															.02	2.35	5.67					.68	.69	.02			.06	.30	.08	.40			
LOCH RAVEN DAM	6.91														.12	2.75	.86					.86	1.00	.38		.10		.29	.10	.45				
PARKTON 2 SW	6.93														.45	.17	3.40	.08				.03	.											

EVAPORATION AND WIND

Station		Day Of Month																															Total or Avg.
		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																																	
* * * UPPER SOUTHERN 04																																	
BELTSVILLE		EVAP	.20	.14	.35	.14	.19	.30	.29	.29	.19	.28	.33	.24	.21	-	-	-	-	.28	.04	.17	-	.01	.15	.27	.03	.09	-	.07	-	-	-
		WIND	33	37	43	38	32	56	55	69	48	57	37	36	71	80	85	77	34	22	20	79	145	16	51	67	49	-	-	-	-	-	
		MAX	89	86	88	90	82	87	82	79	76	83	80	85	77	71	67	71	75	76	75	72	61	66	72	71	69	60	61	55	57	53	
		MIN	67	67	62	70	71	43	58	56	54	66	68	62	60	59	63	49	49	53	54	52	59	55	51	51	53	54	53	54	54	54	
UPPER MARLBORO 3 NW		EVAP	.16	.20	.19	.17	.18	.20	.26	.22	.16	.30	.20	.17	.12	.01	-	.08	.24	.11	.07	.07	-	.09	.26	.19	-	.13	*	*	.02		
		WIND	7	15	12	14	15	24	24	26	26	11	6	16	16	34	22	9	2	20	101	14	19	39	11	0	4	5	10	10	10		
		MAX	96	89	88	93	82	87	88	85	80	88	84	87	80	73	70	74	79	82	80	74	65	73	76	73	70	71	62	57	60	66	
		MIN	64	64	63	69	68	62	60	57	53	52	57	60	59	58	62	47	47	50	59	59	59	59	54	49	47	50	55	53	53	54	
* * * APPALACHIAN MOUNTAIN 07																																	
BOONSBORO		EVAP	.20	.22	.16	-	.20	.18	.15	.13	.16	.18	.13	.16	.10	-	-	.17	.12	.10	*	*	.08	.02	.17	.16	.04	.05	.04	.00	.02	.10	
		WIND	18	21	14	11	21	21	24	18	19	16	13	30	33	31	40	28	10	12	12	57	50	15	35	27	11	4	13	2	1	2	
		MAX	88	85	87	83	85	78	73	75	82	80	82	79	76	68	67	73	77	77	74	69	61	66	72	69	65	63	62	56	61	65	
		MIN	66	64	64	67	65	60	53	52	53	56	56	61	61	59	61	45	50	53	59	56	56	57	51	50	52	53	50	52	54	54	
* * * ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM		EVAP	.09	.33	.23	.03	.29	.14	.22	.19	.18	.11	.28	.14	.05	.20	.14	.16	.01	.19	*	*	.13	.44	.20	*	*	.27	.03	.00	.15		
		WIND	41	51	87	55	67	75	82	72	55	53	60	33	42	80	60	112	9	0	12	83	117	14	84	126	89	27	24	28	31	87	
		MAX	83	83	82	83	77	78	74	64	78	81	71	82	72	67	65	63	75	71	70	69	57	60	63	63	63	65	56	57	52	62	
		MIN	60	60	64	63	63	65	49	46	45	47	50	49	53	57	40	39	37	48	55	54	55	50	45	45	45	47	4				

DAILY PRECIPITATION

Continued

**MARYLAND AND DELAWARE
SEPTEMBER 1966**

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 NW	7.07																																
NEWARK UNIVERSITY FARM	6.82				T																												
WILMINGTON CASTLE WB AP	6.59			T		.01			T					.02	3.72	T				.08	.58	2.59	.31	.09			.02	.05	.25	.13	1.06	T	
WILMINGTON PORTER RESV	6.17			T											3.60	T				T	.10	.69	2.60	.28			.07		.17	.28	.62		
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	3.98					.02	.12		T					.02	.08	.43				T	.90	.72						T		.25	.11	.75	
DOVER	6.18						.24					T		T	.18	1.23	.01				.58	1.22	.92	.10			.02	.05	.15	.19	1.25	.02	
GEORGETOWN 5 SW	6.05														1.02	1.38	.45				.90	.45		.20							.47		
LENEX 1 SW	6.41					.10				.08				.05	1.59	.22				.15	.75	2.04	.17				.01		.18	.99	.84		
MILFORD 3 WNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SELBYVILLE	5.45					.34								.06	.07	.76						1.61	1.25	.54	T			T	.20	.21	.61		

See Reference Notes Following Station Index

DAILY TEMPERATURES

MARYLAND AND DELAWARE
SEPTEMBER 1966

Station	Day of Month																																	Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MARYLAND																																		
* * *																																		
SOUTHERN EASTERN SHORE 01																																		
CRISFIELD SOMERS COVE	MAX	87	86	87	89	86	85	83	79	77	79	80	81	74	75	74	72	72	73	74	73	80	81	75	71	72	65	67	70	70	79	77.2		
	MIN	68	70	69	72	76	62	67	60	63	61	64	64	63	69	66	52	50	55	57	62	65	64	64	62	52	54	55	59	65	61	62.4		
OCEAN CITY MOTEL	MAX																																	
	MIN																																	
POCOMOKE CITY 1 S	MAX	87	87	93	93	88	84	82	84	80	82	81	78	73	75	68	68	74	76	71	74	78	80	75	68	75	63	66	69	69	80	77.4		
	MIN	62	61	64	71	67	63	60	55	58	56	54	52													53	53	58	58	54				
PRINCESS ANNE	MAX	88	89	93	93	90	90	85	80	79	84	81	81	75	76	71	69	77	78	77	72	83	82	75	72	74	61	66	67	67	78	78.4		
	MIN	65	61	62	72	68	55	62	51	55	48	48	55	60	69	65	46	39	48	48	62	65	61	51	51	43	55	53	58	58	66	56.7		
SALISBURY	MAX	88	90	95	93	93	87	87	81	79	87	88	82	74	77	71	70	77	78	75	71	83	80	75	71	74	62	66	67	76	81	79.3		
	MIN	66	65	68	72	71	60	59	56	58	54	54	59	61	68	60	47	44	47	53	61	64	62	57	50	46	56	53	58	58	56	58.1		
SALISBURY FAA AIRPORT	MAX	85	89	94	93	90	87	82	75	79	85	86	78	74	76	70	69	75	77	75	69	81	77	75	67	72	59	67	67	67	80	77.3		
	MIN	66	64	67	74	72	57	62	56	54	53	53	59	62	70	57	46	42	46	52	64	66	64	54	46	46	57	55	59	60	58	58.0		
SNOW HILL	MAX	84	87	92	95	91	86	84	76	78	84	83	76	75	76	73	69	75	75	74	72	79	78	75	75	74	66	67	67	79	78.1			
	MIN	65	63	67	72	71	58	61	54	57	53	54	57	65	69	64	45	42	44	49	61	65	62	53	50	44	56	54	57	57	57	57.5		
* * *																																		
CENTRAL EASTERN SHORE 02																																		
BLACKWATER REFUGE	MAX	91	88	93	93	89	89	86	78	76	80	84	84	78	74	73	69	74	74	74	72	80	80	75	75	70	63	59	62	62	76	77.4		
	MIN	61	64	63	72	71	56	60	58	54	53	52	56	58	56	64	49	43	46	57	60	63	61	56	52	47	53	50	56	57	57	57.2		
CAMBRIDGE 4 W	MAX	89	88	93	93	90	86	81	78	80	82	85	80	75	77	71	69	74	70	75	69	82	75	75	68	70	63	60	62	66	79	76.8		
	MIN	61	64	63	72	71	55	59	61	53	51	51	56	59	67	65	50	41	45	54	60	64	59	57	49	44	54	51	55	55	54	56.7		
DENTON 1 WNW	MAX	90	96	93																														
	MIN	61	59	68	66	65	58	55	54	53	56	55	58	58	64	62	44	42	45	55	54	62	57	52	46	49	47	48	54	52	55	55.1		
EASTON POLICE BARRACKS	MAX	88	88	92	90	89	87	84	77	78	82	85	84	77	75	72	71	76	77	76	69	82	80	75	70	66	62	62	61	64	79	77.3		
	MIN	65	63	67	72	69	62	60	55	55	55	54	59	59	66	65	47	45	49	55	60	62	59	54	48	46	54	50	55	57	57	57.5		
PRESTON 1 S	MAX	88	90	93	92	90	87	81	77	79	84	87	81	72	75	70	69	77	78	75	68	82	74	74	70	66	61	60	61	63	78	76.7		
	MIN	60	61	64	72	68	55	55	52	54	51	51	56	56	66	64	46	42	47	54	59	62	59	54	47	45	53	52	56	56	55	55.7		
ROYAL OAK	MAX	89	89	93	90	90	87	82	79	81	84	86	83	73	77	70	70	76	76	75	67	83	75	76	69	67	62	59	61	63	78	77.0		
	MIN	63	65	67	71	66	57	61	55	55	54	55	57	57	66	64	51	45	49	56	59	62	59	57	50	47	54	51	55	57	58	57.4		
VIENNA	MAX	88	90	94	98	90	87	82	78	79	84	87	80	72	77	71	70	78	80	76	72	82	75	76	69	74	63	65	65	64	80	78.2		
	MIN	65	65	67	73	69	59	59	54	55	56	54	58	58	62	64	46	42	46	54	62	65	63	53	49	46	54	51	52	57	57	57.2		
* * *																																		
LOWER SOUTHERN 03																																		
CHARLOTTE HALL 1 ESE	MAX																																	
	MIN																																	
LA PLATA 1 W	MAX	90	91	94	89	90	88	81	78	82	84	89	83	75	72	73	75	77	77	73	65	77	75	74	68	65	61	58	60	63	79	76.9		
	MIN	61	62	61	68	63	55	53	49	48	50	49	53	60	64	63	45	41	45	56	60	62	57	49	44	45	54	54	55	57	56	54.6		
LEONARDTOWN 3 NW	MAX	89	93	92	94	94	88	82	80	83	81	86	79	74	75	74	69	76	74	74	67	79	77	79	71	66	65	61	63	64	79	77.6		
	MIN	60	62	68	69	63	51	50	54	49	56	51	52	59	63	62	42	39	42	51	56	56	50	47	46	41	53	52	54	54	52	53.5		
OWINGS FERRY LANDING	MAX	86	90	95	88	89	86	85	79	81	82	82	81	76	71	72	70	74	76	70	67	75	74	73	68	67	61	60	60	64	78	76.0		
	MIN	65	68	67	70	68	61	58	58	55	56	57	57	62	65	63	46	46	46	52	59	61	58	51	51	50	55	52	54	55	56	57.4		
PRINCE FREDERICK	MAX	88	91	94	83	83	80	80	82					74	76	70	75	76	73	68	80	79	75	70	62	60	60	60	65			75.2		
	MIN	68	65	63	70	68	54	60	64					54	62	60	43	40	45	55	59	61	54	52	46	45	52	52	50	55		55.9		
SOLOMONS	MAX	84	90	89				90	89	76	80			76	75		74	71								82	81	74						
	MIN	70	72	71				66	66	61	63			66	63		51		55							62	58		73	63	64	62		
WALDORF POLICE BRKS	MAX	90	95	95	90	88	88	82	78	82	84	86	82	76	70	75	75	79	75	71	70	81	75	74	74	69	65	60	57	57	80	77.4		
	MIN	60	62	60	65	62	55	52	57	48	49	49	51	58	63	62	44	44	43	52	59	59	57	48	44	44	52	50	51	50	50	53.3		
* * *																																		
UPPER SOUTHERN 04																																		
ANNAPOLIS	MAX	87	90	92	88	88	86	80	79	81	83	85	79	75	71	72	69	76	77	72	65	75	74	75	67	63	61	57	59	64	78	75.6		
	MIN	68	67	67	71	66	61	60	69	59	53	57	64	65	66	62	50	45	50	58	60	61	57	54	48	48	54	51	53	56	56	58.5		
BALTIMORE WB AIRPORT	MAX	90	95	95	89	90	86	81	81	83	85	86	78	75	70	73	70	76	76	74	63	71	73	74	68	63	63	55	57	65	75	76.0		
	MIN	66	68	66	68	67	61	57	61	57	56	57	63	63	66	52	46	47	47															

Continued

DAILY TEMPERATURES

MARYLAND AND DELAWARE
SEPTEMBER 1966

Station		Day of Month																																Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND																																		
NATIONAL ARBORETUM D C	MAX	91	90	94	93	89	89	84	80	79	81	86	83	77	71	76	72	76	75	73	69	68	76	72	71	67	62	60	59	65	78	76.9		
	MIN	65	60	65	66	70	61	57	58	54	55	54	52	60	63	64	49	46	47	58	57	59	57	55	47	48	54	51	54	55	54	56.5		
SUITLAND	MAX	90	89	92	93	86	88	84	78	79	81	81	85	80	74	70	75	68	74	74	71	64	67	72	72	67	61	60	55	58	64	75.1		
	MIN	66	69	67	69	71	60	57	60	58	59	59	62	62	62	62	47	47	49	57	57	59	57	58	51	48	54	52	51	54	54	57.9		
U. S. SOLDIERS HOME DC	MAX	92	92	94	86	90	87	80	81	84	83	86	81	74	70	76	69	75	74	71	63	68	75	73	67	62	61	57	58	65	75	75.6		
	MIN	68	68	70	70	68	65	58	59	56	59	60	63	64	64	55	48	49	53	56	56	58	57	53	49	54	53	51	53	54	56	58.2		
UPPER MARLBORO 3 NNW	MAX	91	89	92	94	88	89	85	80	79	83	84	85	84	73	70	75	73	76	75	73	65	70	74	74	67	60	61	56	59	65	76.3		
	MIN	59	62	59	62	62	54	50	54	48	49	48	50	54	58	62	42	39	41	53	56	57	54	48	44	42	52	49	49	53	52	52.0		
* * *																																		
NORTHERN EASTERN SHORE 05																																		
CENTREVILLE	MAX	88	88	92	91	88	85	81	78	81	82	86	82	83	73	69	68	75	77	76	67	81	78	73	69	65	62	55	55	57	76	76.0		
	MIN	63	60	65	71	69	60	56	55	54	53	52	56	58	65	63	45	42	45	56	59	60	59	58	50	48	53	48	53	46	55	55.8		
CHESTERTOWN	MAX	87	90	93	86	88	86	80	78	80	87	86	75	78	70	69	69	76	78	75	63	79	70	75	68	62	63	56	57	62	77	75.4		
	MIN	65	66	67	72	68	64	58	62	56	58	56	63	62	64	54	47	48	51	58	59	60	59	57	50	54	50	49	55	56	56	58.1		
COLEMAN 3 WNW	MAX	90	92	96	88	91	89	85	83	81	89	89	80	78	70	68	65	76	79	79	70	79	72	73	72				62	60		79.1		
	MIN	66									59			54						55	47	58	52				53		52	50		52.0		
MILLINGTON	MAX	90	90	94	90	89	85	82	79	79	85	88	77	75	68	67	70	77	79	75	67	82	70	72	70	65	65	57	58	62	76	76.1		
	MIN	62	59	62	69	66	60	52	59	54	50	49	60	57	64	64	44	42	45	53	59	60	58	56	49	46	51	45	54	56	54	55.3		
ROCK HALL	MAX	89	91	94	89	88	86	83	81	81	83	85	85	78	71	70	67	73	73	76	71	75	75	73	70	66	62	62	58	63	75	76.4		
	MIN	65	67	67	72	70	64	64	61	60	57	54	63	60	64	64	48	46	49	58	59	60	59	60	55	50	54	49	54	57	58	58.9		
* * *																																		
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	MAX	90	92	93	92	92	86	81	79	80	85	85	84	84	69	69	68	74	74	74	70	72	72	72	70	74	76	65	57	62	74	77.2		
	MIN	65	64	66	64	64	60	59	59	55	50	54	64	61	64	60	45	44	47	54	57	54	54	52	47	48	52	45	54	55	53	55.7		
BALTIMORE WB CITY	MAX	92	96	96	87	90	86	79	80	84	87	88	75	75	70	72	72	78	76	74	63	72	74	76	70	64	66	58	58	66	78	76.7		
	MIN	73	76	77	75	74	70	65	65	63	66	67	69	66	66	54	50	53	56	59	59	62	62	60	55	58	56	54	56	58	58	62.8		
BENSON POLICE BARRACKS	MAX	89	89	90	87	85	84	78	77	78	83	88	81	75	72	69	69	75	75	75	70	69	68	71	69	64	64	61	56	60	73	74.8		
	MIN	64	65	69	71	65	62	57	60	57	58	57	61	60	61	63	46	44	46	53	55	57	58	52	47	49	49	42	51	53	55	56.2		
BOYDS 2 NW	MAX	90	91	92	88	86	84	78	77	80	80	84	83	73	68	73	71	75	73	73	69	62	71	72	68	64	62	59	57	62	72	74.6		
	MIN	68	66	65	64	65	60	54	54	50	55	54	59	60	57	60	42	45	50	49	55	57	55	53	48	48	51	50	52	53	53	55.1		
CONOWINGO DAM	MAX	88	90	92	86	87	85	79	80	80	85	85	73	75	70	70	68	76	75		65	70	70	78	66	66	66	56	58	62	74	75.0		
	MIN	65	61	62	72	65	59	59	61	57	51	52	61	59	62	55	49	45	49	59	59	59	58	49	48	49	47	43	53	56	55	55.9		
ELKTON	MAX	90	93	92	89	88	85	80	77	78	86	86	84	76	75	71	70	77	77	75	68	70	71	73	70	66	67	63	58	61	75	76.4		
	MIN	65	62	64	72	65	61	54	62	56	50	54	64	60	63	63	44	43	47	55	58	61	59	55	46	48	48	43	54	56	55	56.2		
EMMITSBURG 2 SE	MAX	94	95	94	92	85	84	77	80	83	87	87	79	76	69	70	71	76	75	75	70	61	73	69	64	63	62	56	61	69		75.7		
	MIN	62	67	59	65	61	61	46	47	43	47	45	58	58	59	57	41	40	42	51	51	54	54	48	44	49	47	39	50	53	52	51.7		
FREDERICK WFMD	MAX	91	92	95	89	86	85	78	79	82	81	85	82	71	65	70	68	72	73	72	70	62	70	71	67	64	61	60	56	62	70	74.3		
	MIN	64	69	67	65	62	58	51	48	46	55	57	62	60	60	62	43	41	45	54	55	57	56	53	45	53	50	46	52	55	55	54.9		
PARKTON 2 SW	MAX	89	91	92	83	86	83	75	78	80	84	84	68	72	66	67	66	76	73	71	60	63	70	69	64	63	65	52	55	60	70	72.5		
	MIN	64	64	66	69	62	56	50	57	53	55	56	59	59	61	50	39	41	44	52	54	56	55	50	43	51	44	40	51	52	53	53.5		
ROCKVILLE	MAX																																	
	MIN																																	
TOWSON	MAX																																	
	MIN																																	
UNIONVILLE	MAX	91	92	93	83	86	84	76	78	81	84	85	80	74	66	70	67	74	74	73	66	63	70	72	66	61	63	55	57	60	71	73.8		
	MIN	60	57	56	65	59	55	44	43	40	43	44	56	60	60	60	39	40	42	53	55	57	55	47	43	45	51	44	52	55	53	51.1		
WESTMINSTER 2 SSE	MAX	87	89	90	85	81	79	72	75	78	80	82	75	71	66	68	66	73	73	72	64	63	69	67	63	60	62	55	56	60	68	71.6		
	MIN	65	62	63	69	64	62	51	53	52	54	54	61	59	59	57	38	41	44	54	55	55	56	48	44	50	50	42	51	53	54	54.1		
WHEATON REGIONAL PARK	MAX	88	88	91	85	84	82	85	77	79	81	85	79	71	69	72	68	72	72	71	67	66	72	71	68	64	60	60	58	60	72	73.9		
	MIN	62	62	60	63	65	58	50	56	50	50	49	56	58	60	62	42	42	44	54	56	59	57	50	48	45	52	50	50	54	54	53.9		
WOODSTOCK	MAX																																	

Continued

DAILY TEMPERATURES

MARYLAND AND DELAWARE
SEPTEMBER 1966

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND	MAX MIN																																
WESTERNPORT	MAX MIN	91 58	91 61	91 62	84 65	81 61	78 53	71 46	81 43	84 44	85 46	86 47	81 50	75 62	66 58	67 57	73 56	76 58	76 43	72 55	68 55	60 55	67 55	69 49	68 46	61 45	58 50	58 44	58 52	69 54	69 55	73.8 51.5	
* * *																																	
ALLEGHENY PLATEAU 08																																	
BITTINGER 2 NW	MAX MIN	79 57	78 56	80 57	75 64	71 57	65 49	59 41	66 41	68 43	70 46	73 55	70 51	65 54	62 53	60 45	59 32	66 38	68 43	64 50	54 50	55 50	57 51	57 43	55 37	52 42	57 41	55 44	60 53	59 44	57 45	63.9 47.7	
OAKLAND 1 SE	MAX MIN	84 52	82 49	82 55	74 62	72 55	68 49	64 36	71 38	75 36	73 35	78 37	73 45	66 56	64 54	62 53	65 30	71 30	73 38	67 52	57 52	58 52	59 53	59 46	59 40	54 40	52 45	58 38	62 53	62 45	62 45	66.9 45.7	
SAVAGE RIVER DAM	MAX MIN	86 57	83 58	85 58	84 61	77 60	73 52	71 45	65 41	75 42	76 44	76 45	80 46	75 51	67 57	66 57	65 34	67 34	70 38	71 43	67 54	58 54	60 55	63 50	62 45	61 43	58 47	56 41	53 45	58 45	65 51	69.1 48.7	
SINES DEEP CREEK 2	MAX MIN	81 51	81 51	82 53	74 58	70 57	67 48	63 38	69 39	72 35	72 37	76 40	75 44	66 52	65 56	64 49	63 32	70 33	73 39	68 49	58 53	60 54	60 55	60 44	59 39	54 39	55 45	57 39	62 55	62 45	60 48	66.6 45.9	
	MAX MIN																																
DELAWARE	MAX MIN																																
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX MIN	90 64	92 60	94 65	90 68	89 65	85 64	84 51	79 57	81 54	85 50	87 48	78 59	77 58	72 64	71 64	69 42	76 43	77 46	74 54	69 59	79 59	72 56	71 48	65 48	64 49	64 44	59 53	61 55	74 54	76.9 55.3		
NEWARK UNIVERSITY FARM	MAX MIN	93 65	91 64	94 67	89 70	86 64	85 61	82 56	80 61	80 56	84 52	87 56	85 63	76 58	72 65	70 63	68 44	77 44	76 46	74 54	66 58	70 58	69 58	70 55	75 48	65 49	66 46	64 42	57 52	61 55	73 55	76.2 56.2	
WILMGTN NCASTLE WB AP	MAX MIN	89 65	90 63	91 67	87 69	85 66	84 62	78 55	78 59	80 58	84 54	85 56	75 63	75 60	70 64	72 48	68 43	75 45	75 49	74 55	65 58	71 59	70 58	71 55	65 47	65 52	65 45	56 43	59 52	62 45	73 55	74.6 56.0	
WILMGTN PORTER RESVR	MAX MIN	87 66	90 63	92 68	85 67	84 65	83 65	76 56	79 59	79 57	83 59	85 61	82 61	75 58	69 63	71 51	68 44	75 49	75 50	74 54	64 54	71 58	69 59	69 55	64 50	63 52	64 45	54 45	57 51	61 55	72 55	74.0 56.5	
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX MIN	88 63	89 62	94 64	93 71	91 66	87 55	81 56	78 55	79 54	85 52	87 50	80 51	73 60	75 66	72 64	70 45	78 40	79 44	75 53	67 59	85 62	75 58	75 55	66 45	65 45	60 52	61 50	62 54	63 56	79 55	77.1 55.4	
DOVER	MAX MIN	82 67	89 65	94 69	92 71	90 69	89 60	84 59	78 59	81 69	85 59	87 59	86 69	77 59	74 64	71 64	69 46	77 45	78 48	75 56	78 50	80 60	77 60	73 52	68 49	62 57	62 50	59 54	66 58	76 55	77.7 58.2		
GEORGETOWN 5 SW	MAX MIN	87 63	89 59	93 62	94 70	90 69	86 47	83 46	78 54	78 53	85 49	86 58	82 58	72 65	76 66	69 44	68 51	76 60	79 61	75 59	71 53	82 49	79 43	74 53	65 52	67 43	59 53	63 52	63 56	64 54	78 57	77.0 54.9	
LEWES 1 SW	MAX MIN	79 64	86 62	88 68	94 71	84 69	88 58	77 57	75 60	76 56	80 53	84 54	77 60	72 64	76 65	70 64	65 49	73 43	73 47	71 53	68 60	75 65	77 59	74 58	65 47	64 46	60 52	63 50	64 56	64 56	76 57	74.6 57.4	
MILFORD 3 WNW	MAX MIN																																
SELBYVILLE	MAX MIN	85 62	88 61	93 67	95 72	95 70	87 58	85 61	78 54	79 55	86 52	87 49	78 58	73 59	75 66	72 65	67 45	78 41	77 43	74 48	71 60	78 64	78 62	75 54	75 47	75 43	65 53	65 53	65 56	66 58	80 58	78.2 56.5	

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME				Trace	01-09	10-49	50-99	100-199	200 and over	Total		
							1 AM	7 AM	1 AM	7 PM									
BALTIMORE WB AIRPORT MD	32	2.3	8.2	26	W	24	80	84	56	67	3	1	7	0	2	1	14	45	7.0
WILMINGTON NCASTLE WB AP DEL	33	2.7	9.0	25++	6	21	80	81	55	67	4	4	3	2	0	2	15	-	7.2

See Reference Notes Following Station Index

STATION INDEX

MARYLAND AND DELAWARE
SEPTEMBER 1966

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL	
MARYLAND												
ABERDEEN PHILLIPS FLD	0019	04	HARTFORD	1	39 28	76 10	40	5P				ROSS AVIATION INC.
ANNAPOLIS	0193	04	ANNE ARUNDEL	1	38 59	76 30	40	6P				ARTHUR N. MILLER
BALTIMORE WB AIRPORT	0465	04	ANNE ARUNDEL	3	39 11	76 40	148	MID				U.S. WEATHER BUREAU
BALTIMORE WB CITY	0470	04	BALTO CITY	3	39 17	76 37	14	MID				U.S. WEATHER BUREAU
BELTSVILLE	0700	04	PRIN. GEORGES	5	39 02	76 53	120	8A				CHESTER H. GORDON
BELTSVILLE PLANT STA 5	0705	04	PRIN. GEORGES	5	39 01	76 57	100	10A				USDA PLANT IND. STA.
BENSON POLICE BARRACKS	0732	04	HARFORD	1	39 30	76 23	365	5P				MD. STATE POLICE
BITTINGER 2 NW	0881	08	GARRETT	7	39 37	79 15	2700	7P				ELBERT E. BUCKEL
BLACKWATER REFUSE	0919	02	DORCHESTER	1	38 26	76 08	5	4P				NAT. WILDLIFE REFUGE
BOONSBORO	0986	07	WASHINGTON	5	39 31	77 39	735	6P				J. HOWARD BECKENBAUGH
BOYD 5 NW	1032	06	MONTGOMERY	5	39 13	77 20	580	6P				HUNTER F. STALEY
BRIGHTON DAM	1125	06	MONTGOMERY	4	39 12	77 01	350	8A				WASH. SUB. SANY. COMM.
BROOKDALE	1170	06	MONTGOMERY	5	38 57	77 06	260	7P				B. FRANCIS DASHIELL
CAMBRIDGE 4 W	1385	02	DORCHESTER	1	38 34	76 09	5	6P				D. ARCY MC B. HARDING
CENTREVILLE	1627	05	QUEEN ANNES	1	39 03	76 03	46	6P				MARION G. LEBY
CHARLOTTE HALL 1 ESE	1686	03	ST MARYS	4	38 28	76 45	167	5P				GREEN MANOR FARM
CHESTERTOWN	1790	03	KENT	1	39 13	76 04	38	11P				T. W. ELIASON, JR.
CHEWESVILLE BRIDGEPORT	1790	07	WASHINGTON	5	38 38	77 41	560	5S				D. PAUL OSWALD
COLEMAN 3 NW	1780	05	KENT	1	39 21	76 08	78	6P				W. B. HARRIS
COLLEGE PARK	1995	04	PRIN. GEORGES	5	38 39	76 56	70	5P				U.S. GEOL. SURVEY
CORNINGO DAM	2040	06	HARFORD	6	39 39	76 10	40	11P				SUSQUEHANNA ELECTRIC CO.
CRISFIELD SOMERS COVE	2215	01	SOMERSET	1	37 59	75 52	8	5P				SOMERS COVE MARINA
CUMBERLAND	2280	07	ALLEGANY	5	39 39	78 45	900	6P				KEITH E. THOMAS
CUMBERLAND POLICE BRKS	2280	07	ALLEGANY	5	39 38	78 50	970	5P				MD. STATE POLICE
DENTON 1 NW	2523	02	CAROLINE	1	38 54	75 31	40	6P				WAYNE A. CAMEY
EASTON POLICE BARRACKS	2700	02	TALBOT	1	38 45	76 04	40	5P				MARYLAND STATE POLICE
EDGEHOMT	2770	07	WASHINGTON	5	39 40	77 33	905	8A				LEE G. HARNE
ELKTON	2860	06	CECIL	1	39 36	75 50	28	6P				H. W. BOUCHELLE
EMMITSBURG 2 SE	2958	04	FREDERICK	5	39 41	77 18	420	5P				MRS. LUCILLE K. BEALE
FORT GEORGE 6 MEADE	3232	04	ANNE ARUNDEL	4	39 04	76 45	140	5P				FILTRATION PLANT
FREDERICK WFMD	3350	06	FREDERICK	5	39 25	77 28	435	6P				RADIO STATION WFMD
FREDERICK 3 E	3355	06	FREDERICK	5	39 24	77 22	385	8A				MISS I. MARY STALEY
FROSTBURG	3410	07	ALLEGANY	5	39 39	78 56	2035	7A				C. A. SUTER, JR.
GLENN DALE BELL STA	3675	04	PRIN. GEORGES	4	38 58	76 48	151	4P				PLANT INTRO. GARDEN
GRANTSVILLE	3785	08	GARRETT	7	39 42	79 09	2380	1				MRS. FANNIE B. MILLER
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	660	6P				HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4035	07	WASHINGTON	5	39 42	78 11	428	8A				U. OF MD. FRUIT LAB.
LA PLATA 1 W	5080	03	CHARLES	5	38 32	77 00	140	5P				C. RUSSELL LEVERING
LAUREL 3 W	5111	04	PRIN. GEORGES	4	39 06	76 54	400	5P				WASH. SUB. SANY. COMM.
LEONARDTOWN 3 NW	5201	05	ST. MARYS	5	38 19	76 40	40	5P				RADIO STATION WKIK
LOCK RAVEN DAM	5340	06	BALTIMORE	1	39 26	76 33	190	5P				CITY OF BALTIMORE
MERRILL	5894	08	GARRETT	7	39 36	79 05	1790	8A				DELMOD E. MERRILL
MILLINGTON	5985	05	KENT	1	39 16	75 51	30	6P				LOUIS H. MOLLETT
NEW GERMANY	6408	08	GARRETT	5	38 38	79 07	2590	1				ARCHIE JITTINGER
OAKLAND 1 SE	6625	08	GARRETT	7	38 24	79 24	2410	5P				LOGAN WEBER
OCEAN CITY HOTEL	6670	01	WORCESTER	2	38 21	75 05	15	7P				IRA S. HANCOCK
OWINGS FERRY LANDING	6770	03	CALVERT	4	38 42	76 41	120	7P				THOMAS J. BOURNE
PANITON 2 SW	6844	06	BALTIMORE	1	39 38	76 42	600	11P				JOHN R. FOX
PERRY POINT	6980	06	CECIL	1	39 33	76 04	40					VETERANS ADMINISTRATION
PICARDY	7010	07	ALLEGANY	5	39 33	78 50	1050	6P				POTOMAC HLND. ORCHARD
MARYLAND												
POCONOE CITY 1 S	7140	01	WORCESTER	1	38 03	75 34	20	5P				RADIO STATION WMV
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	5	39 02	77 15	270	8A				WASH. SANITARY COMM.
PRESTON 1 S	7310	02	CAROLINE	1	38 42	75 55	50	6P				FRANKLIN D. NUSSBAUM
PRINCE FREDERICK	7325	03	CALVERT	1	38 32	76 35	140	5P				BOYD KING
PRINCESS ANNE	7330	01	SOMERSET	1	38 13	75 41	20	5P				MARYLAND ST. COLLEGE FRM
ROCK HALL	7705	05	KENT	1	39 08	76 14	20	6P				JAMES A. PEARCE
ROCKVILLE	7705	06	MONTGOMERY	5	39 05	77 09	436	4P				COUNTY POLICE
ROYAL OAK	7805	02	TALBOT	1	38 43	76 11	10	5P				J. L. SWAIN, JR.
SALISBURY	8001	01	WICOMICO	1	38 22	75 35	10	5P				CITY OF SALISBURY
SALISBURY FAA AIRPORT	8005	01	WICOMICO	1	38 20	75 30	48	MID				FED. AVIATION AGENCY
SAVAGE RIVER DAM	8065	08	GARRETT	5	39 31	79 08	1495	8A				U. S. CORPS OF ENGINEER
SHALLMAR	8191	08	GARRETT	5	39 23	79 12	1700	8A				CLARENCE J. KIMBLE
SINES DEEP CREEK	8315	08	GARRETT	7	39 32	79 25	2040	7P				PA. ELECTRIC CO.
SINES DEEP CREEK 2	8320	08	GARRETT	7	39 32	79 25	2040	7P				MRS. THELMA REAM
SNOW HILL	8380	01	WORCESTER	1	38 11	75 24	14	5P				WORCESTER FERTILIZER CO.
SOLOMONS	8405	03	CALVERT	1	38 19	76 27	12	6P				CHEESAPAKE BIOL. LAB.
SUITLAND	8556	04	PRIN. GEORGES	5	38 51	76 56	280	9A				WAYNE H. BARTLETT
TOWSON	8877	06	BALTIMORE	3	39 24	76 37	410	4P				BALTIMORE COUNTY JAIL
TOWSON	9030	06	FREDERICK	5	39 27	77 11	430	6P				G. P. VON EIFF, JR.
UPPER MARLBOROUGH 3 NW	9070	04	PRIN. GEORGES	4	38 52	76 47	98	8A				TOBACCO EXP. FARM
VIENNA	9140	02	DORCHESTER	1	38 29	75 50	12	6P				ERN. SHORE PUB. SVC. CO.
WALDORF POLICE BRKS	9195	03	CHARLES	5	38 39	76 53	210	5P				MD. STATE POLICE
WESTERHPORT	9405	07	ALLEGANY	5	39 29	79 03	1000	6P				NORRIS BRUCE
WESTMINSTER 2 SSE	9455	01	CARROLL	1	39 33	76 55	810	6P				L. EUGENE PURDUM
WHEATON REGIONAL PARK	9502	06	MONTGOMERY	5	39 04	77 02	330	5P				PARK + PLANNING COMM.
WILLIAMSPORT	9570	07	WASHINGTON	5	39 37	77 51	360	7A				HAGERSTOWN MTR. PLANT
WOODSTOCK	9750	06	BALTIMORE	3	39 20	76 52	415	6P				WOODSTOCK COLLEGE
DISTRICT OF COLUMBIA												
DALCARLIA RESVR D C	2325	04		5	38 56	77 07	146	5P				CORPS OF ENGINEERS
NATIONAL ARBORETUM D C	6350	04		5	38 54	76 58	30	4P				U.S. NAT. ARBORETUM
U. S. SOLDIERS HOME DC	9035	04		5	38 56	77 02	230	MID				U.S. SOLDIERS HOME
DELAWARE												
BRIDGEVILLE 1 NW	1330	02	SUSSEX	1	38 43	75 37	30	5P				VILLIAM RAY
DOVER	2730	02	ZERT	2	39 09	75 31	25	4P				STATE HIGHWAY DEPT.
GEORGETOWN 5 SW	3570	02	SUSSEX	1	38 38	75 28	45	5P				UNI. AGRI. EXP. STA.
LEWES 1 SW	5520	02	SUSSEX	2	38 46	75 09	20	6P				FREDERICK O. VOGL
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	2	39 26	75 45	60	4P				PIONEER HI-BRED CORN CO.
MILFORD 3 NW	5915	02	SUSSEX	2	38 56	75 29	52	5P				RADIO STATION WKSB
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	2	39 40	75 44	90	6P				UNIV. OF DELAWARE
SELBYVILLE	8269	02	SUSSEX	2	38 28	75 13	32	5P				L. WIRRIE LONG
WILMINGTON NCATTLE WB AP	9595	01	NEW CASTLE	2	39 40	75 36	78	MID				U.S. WEATHER BUREAU
WILMINGTON PORTER RESV	9605	01	NEW CASTLE	2	39 46	75 32	274	MID				WATER DEPARTMENT

† DRAINAGE CODE: 1-CHESAPEAKE 2-COASTAL 3-PATAPSCO 4-PATUXENT 5-POTOMAC 6-SUSQUEHANNA 7-YOUCIOGHENY

REFERENCE NOTES

MARYLAND AND DELAWARE
SEPTEMBER 1966

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the Weather Bureau State Climatologist, Weather Bureau Airport Station, Friendship International Airport, Baltimore, Maryland 21240, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA MARYLAND AND DELAWARE".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for October 1956.

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

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

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

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for these States, price 25 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual: \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-11/1/66-750

