



CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

U. S. DEPARTMENT OF COMMERCE

JOHN T. CONNOR, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

ENVIRONMENTAL DATA SERVICE

MAY 1966

Volume 70 No. 5

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		
										67° or Above	51° or Above	32° or Above					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
MARYLAND																						
* * * SOUTHERN EASTERN SHORE 01																						
CRISFIELD SOMERS COVE	72.3	54.7	63.5	- 3.4	83 21	38 10	100 0	0 0 0	2,84	-	.85	.75 26	.0	0				7	3	0		
OCEAN CITY HOTEL	64.1	51.7	57.9		79 6	34 10	218 0	0 0 0	4,81			1,38 28	.0	0				7	4	2		
POCOMOKE CITY 1 S	74.0	46.7	60.4		89 21	26 11	180 0	0 2 0	2,76			.95 26	.0	0				8	2	0		
PRINCESS ANNE	74.6	50.3	62.5		89 8	28 11	147 0	0 2 0	3,25			.89 28	.0	0				6	3	0		
SALISBURY	75.5	51.6	63.6		85 21	32 11	115 0	0 1 0	4,11		.49	.88 25	.0	0				9	4	0		
SALISBURY FAA AIRPORT	71.7	50.5	61.1		85 21	32 11	178 0	0 1 0	4,73			1.40 28	.0	0				7	5	1		
SNOW HILL	73.4M	50.3M	61.9M	- 2.2	88 21	32 11	144 0	0 1 0	4,17		.56	.99 26	.0	0				8	4	0		
DIVISION			61.6	- 3.0					3,81		.29		.0									
* * * CENTRAL EASTERN SHORE 02																						
BLACKWATER REFUGE	73.8	52.8	63.3		85 7	31 10	126 0	0 1 0	3,24			.96 21	.0	0				9	1	0		
CAMBRIDGE 4 W	73.3	51.7	62.5		85 21	31 11	135 0	0 1 0	2,86			.73 27	.0	0				6	2	0		
DENTON 1 NW	74.3	51.1	62.7		87 6	31 11	120 0	0 1 0	3,46			.98 28	.0	0				9	2	0		
EASTON POLICE BARRACKS	75.6	51.6	63.6	- 1.1	89 26	31 11	115 0	0 1 0	3,31	-	.57	1.28 27	.0	0				9	1	1		
PRESTON 1 S	73.6	51.2	62.4		86 21	31 11	135 0	0 1 0	2,86			.49 28	.0	0				9	0	0		
ROYAL OAK	74.8	53.0	63.9		85 21	35 11	107 0	0 0 0	2,53			.66 27	.0	0				8	1	0		
VIENNA	75.0	51.6	63.3		85 21	32 11	117 0	0 1 0	4,48			1.44 21	.0	0				8	3	1		
DIVISION			63.1	- 1.7					3,25	-	.70		.0									
* * * LOWER SOUTHERN 03																						
CHARLOTTE HALL 1 ESE																						
LA PLATA 1 W																						
LEONARDTOWN 3 NW	75.2	50.9	63.1		88 6	28 11	124 0	0 2 0	2,68			.62 27	.0	0				7	3	0		
OWINGS FERRY LANDING																						
PRINCE FREDERICK	M	51.4M	M																			
SOLOMONS	72.5	54.7	63.6	- 2.4	86 20	35 10	104 0	0 0 0	3,42	-	.34	1.00 20	.0	0				8	2	1		
WALDORF POLICE BRKS	77.2	50.2	63.7		90 6	28 11	112 1	0 4 0	2,58			.57 29	.0	0				8	1	0		
DIVISION			63.5	- 1.4					3,02	-	.91		.0									
* * * UPPER SOUTHERN 04																						
ANNAPOLIS	73.9	52.1	63.0	- 1.1	90 6	33 11	121 1	0 0 0	2,71	-	1.12	.77 19	.0	0				8	1	0		
BALTIMORE WB AIRPORT R	72.7	50.7	61.7	- 2.7	90 6	32 11	157 1	0 1 0	4,53		.55	1.42 27	.0	0				9	4	1		
BELTSVILLE	72.2	48.6	60.4		87 7	27 11	188 0	0 4 0	4,51			.90 28	.0	0				8	5	0		
BELTSVILLE PLANT STA 5	73.7	49.6	61.7		89 7	27 11	158 0	0 4 0	4,72			1.65 28	.0	0				8	4	1		
COLLEGE PARK	76.3	51.7	64.0	- .6	90 6	30 11	112 1	0 1 0	3,97	-	.24	.95 19	.0	0				9	4	0		
DALECARLJA RESVR D C	77.2	51.1	64.2		90 6	26 10	101 1	0 1 0	3,68			.80 19	.0	0				9	2	0		
FORT GEORGE G MEADE	76.9	48.7	62.8		91 6	27 11	125 1	0 4 0	4,37			1.46 18	.0	0				9	3	1		
GLENN DALE BELL STA	77.7	49.1	63.4	- .4	91 6	27 11	124 2	0 4 0	4,47		.24	.92 19	.0	0				11	4	0		
LAUREL 3 W	75.7	49.9	62.8		89 6	30 10	122 0	0 1 0	4,59			1.15 18	.0	0				9	3	1		
NATIONAL ARBORETUM D C	77.0	50.8	63.9		91 6	25 5	113 2	0 2 0	3,82			1.03 19	.0	0				9	3	1		
SUITLAND	72.1	51.4	61.8		88 7	33 10	149 0	0 0 0	3,94			1.12 19	.0	0				10	1	1		
U. S. SOLDIERS HOME DC	74.5	53.0	63.8		90 6	32 10	124 1	0 1 0	3,26			.87 19	.0	0				9	2	0		
UPPER MARLBORO 3 NNW	72.9	49.0	61.0		90 7	28 11	169 1	0 2 0	3,30			.80 19	.0	0				10	2	0		
DIVISION			62.7	- 1.5					3,99	-	.08		.0									
* * * NORTHERN EASTERN SHORE 05																						
CENTREVILLE	74.5	50.6	62.6		87 6	29 11	139 0	0 1 0	2,44			1.02 18	T	0				7	1	1		
CHESTERTOWN	72.5	51.8	62.2		87 6	34 10	145 0	0 0 0	2,69			.84 19	.0	0				7	2	0		
COLEMAN 3 NNW	74.7M	51.5M	63.1M	- .4	85 21	34 10	112 0	0 0 0	6,04		1.67	2.27 22	.0	0				7	4	1		
MILLINGTON	73.9	50.2	62.1	- 1.8	88 6	29 11	144 0	0 2 0	3,01	-	.92	1.26 22	.0	0				7	1	1		
ROCK HALL	75.3	52.0	63.7	- .5	85 21	32 11	109 0	0 1 0	2,99	-	.97	1.18 18	.0	0				6	2	1		
DIVISION			62.7	- 1.5					3,43	-	.68		T									
* * * NORTHERN CENTRAL 06																						
BALTIMORE WB CITY R	73.8	55.9	64.9	- 1.2	90 6	36 10	101 1	0 0 0	4,35		.20	1.15 21	.0	0				9	4	1		
BENSON POLICE BARRACKS	74.2	46.8	62.0		87 6	31 11	141 0	0 3 0	5,22			1.27 19	.0	0				8	3	3		
BOYDS 2 NW	73.9	49.9	61.9		85 6	31 11	143 0	0 2 0	4,21			1.10 19	.0	0				10	3	1		
CONOWINGO DAM	71.5	49.4	60.5		89 6	31 11	178 0	0 1 0	3,20			1.28 19	.0	0				7	1	1		
ELKTON	75.7	49.7	62.7	- .6	89 29	29 11	143 0	0 3 0	4,84		.59	1.76 22	.0	0				6	3	2		
EMMITSBURG 2 SE	74.4M	47.1M	60.8M		86 6	27 11	177 0	0 4 0	1,29			.33 1	.0	0				5	0	0		
FREDERICK WFMD	73.6	49.1	61.4	- 1.2	85 6	26 3	163 0	0 3 0	3,26	-	.65	1.68 29	.0	0				8	1	1		
PARKTON 2 SW	70.4	47.3	58.9		85 6	25 10	217 0	0 3 0	2,96			1.40 19	.0	0				6	1	0		
ROCKVILLE TOWSON	76.3	51.3	63.8		90 7	32 10	104 2	0 1 0	3,07			.65 18	.0	0				8	3	0		
UNIONVILLE	72.4	47.5	60.0		86 6	26 11	188 0	0 4 0	4,20			.88 19	.0	0				8	5	0		
WESTMINSTER 2 SSE	70.5	48.0	59.3	- 3.2	83 21	27 10	207 0	0 3 0	3,07	-	.88	.75 19	.0	0				10	1	0		
WHEATON REGIONAL PARK	75.9	49.6	62.8		89 6	30 11	128 0	0 3 0	3,77			.94 29	.0	0				8	3	0		

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 50

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
MAY 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		
										80° or Above	32° or Below	32° or Below	32° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
WOODSTOCK	73.8	48.5	61.2	- 1.8	87	6	27	11	172	0	0	4	0	3.27	- .79	.79	29	.0	0		9	2	0
DIVISION			61.6	- 1.5										3.59	- .59			.0					
APPALACHIAN MOUNTAIN 07																							
BOONSBORO	72.4	50.1	61.3		84	21	29	10	166	0	0	2	0	3.18		1.75	29	.0	0		6	1	1
CHEWSVILLE BRIDGEPORT	74.0	48.8	61.4	- .5	85	21	28	11	161	0	0	3	0	2.28	- 1.73	.80	29	T	0		4	2	0
CUMBERLAND	75.1	47.9	61.5		88	28	27	11	166	0	0	4	0	1.82		.51	1	.0	0		1	1	0
CUMBERLAND POLICE BRKS	75.1	47.0	61.1		87	28	26	11	177	0	0	4	0	2.12		.50	19	.0	0		3	1	0
FROSTBURG	67.8	43.5	55.7	- 4.3	81	29	25	10	297	0	0	4	0	2.63	- 1.70	.92	19	T	T	10	6	2	0
HAGERSTOWN	74.1	49.7	61.9		85	6	30	10	149	0	0	2	0	2.32		.82	28	.0	0		5	2	0
HANCOCK FRUIT LAB	72.7	47.0	59.9		88	29	26	11	203	0	0	0	0	.99	- 2.89	.42	1	.0	0		4	0	0
PICARDY	73.2	48.3	60.8		86	28	27	11	189	0	0	3	0	1.44		.43	18	.0	0		5	0	0
WESTERNPORT	76.1	47.6	61.9	- .8	87	28	28	11	161	0	0	4	0	1.45	- 2.72	.41	13	.0	0		5	0	0
DIVISION			60.6	- 1.6										2.03	- 1.95			T					
ALLEGHENY PLATEAU 08																							
BITTINGER 2 NW	65.5	42.1	53.8		77	28	19	10	340	0	0	7	0	2.71		.50	28	T	T	9	9	2	0
OAKLAND 1 SE	69.1	42.0	55.6	- 1.3	80	28	20	11	295	0	0	7	0	3.34	- 1.37	.67	29	T	0		7	4	0
SAVAGE RIVER DAM	68.8	44.2	56.5		82	29	26	11	272	0	0	4	0	2.98		1.03	19	.0	0		6	3	1
SINES DEEP CREEK 2	69.4	40.5	55.0	- 1.3	81	23	20	11	306	0	0	8	0	2.92	- 1.75	.76	1	.0	0		5	3	0
DIVISION			55.2	- 1.4										2.99	- 1.55			T					
DELAWARE																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	73.6	49.8	61.7		86	6	31	11	146	0	0	2	0	2.78		.67	19	.0	0		8	2	0
NEWARK UNIVERSITY FARM	73.8	49.5	61.7		86	7	30	11	149	0	0	2	0	4.70		2.18	19	.0	0		5	2	2
WILMGTN NCASTLE WB AP	70.4	50.1	60.3	- 2.4	88	6	32	11	186	0	0	1	0	3.35	- .18	1.20	19	.0	0		6	2	1
WILMGTN PORTER RESVR	71.4	49.2	60.3		86	6	32	10	180	0	0	1	0	2.54	- 1.56	1.70	19	.0	0		4	1	1
DIVISION			61.0	- 1.9										3.34	- .66			.0					
SOUTHERN 02																							
BRIDGEVILLE 1 NW	73.8	49.8	61.8	- 1.9	86	21	30	11	148	0	0	1	0	4.86	- 1.08	1.93	22	.0	0		11	2	1
DOVER	75.0	51.1	63.1	- 1.3	86	7	34	11	123	0	0	0	0	3.04	- 1.11	.83	22	.0	0		8	2	0
GEORGETOWN 5 SW	73.2	48.6	60.9		85	21	28	11	169	0	0	2	0	5.95		.96	22	.0	0		12	6	0
LEWES 1 SW	68.9	50.1	59.5		84	8	32	11	195	0	0	2	0	6.21		2.03	21	.0	0		9	5	1
MILFORD 3 WNW	73.4	50.2	61.8		85	19	30	11	143	0	0	1	0	3.65		.67	26	.0	0		11	3	0
SELBYVILLE	72.5	49.2	60.9		84	21	30	11	161	0	0	1	0	5.14				.0	0				
DIVISION			61.3	- 2.6										4.81	.92			.0					

SPECIAL WEATHER SUMMARY

Below normal temperatures during May hampered progress of most vegetable crops throughout the two-state area, according to the Maryland-Delaware Crop Reporting Service. Widespread freezing temperatures on May 10 and 11 caused considerable damage to fruit and vegetable production, especially in Maryland. These were also record or near record low temperatures for the month of May at many stations in both states. Not since 1956 had freezing temperatures been so late over the entire area.

Rainfall varied considerably over the two-state area. Maryland's rainfall was generally below

normal to near normal, but ranged from much below normal in Washington and Allegheny Counties to much above normal in parts of the northeast. In Kent County, totals of as much as 6 inches were reported. Delaware's rainfall ranged below normal to near normal in the northern half to much above normal in Sussex County. In parts of Sussex County as much as 6 inches or more was also reported. According to the Palmer Meteorological Drought Index, improvement occurred in all divisions except the two divisions of western Maryland, the Appalachian Mountain and Allegheny Plateau Divisions, where the drought became more intensified.

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

See Reference Notes Following Station Index

DAILY PRECIPITATION

MARYLAND AND DELAWARE
MAY 1966

Continued

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 MSW	2.78	.05	.06						T	T																														
NEWARK UNIVERSITY FARM	4.70	.12	.02						.03	T				.13						.03	.27	.67	T				.50	T				.26	.19		.31	.27	T	.		
WILMINGTON CASTLE HB 4P	3.35	.01	T						.02	.02				.04	.08					.09	2.18				1.65				T				.01	.32	.13	T	.			
WILMINGTON PORTER RESVR	2.54	.09	T						T	T				.01	.08				T	T	.16	1.20	T			.92	.30				.05	.05	.14	.26	.03	T	.			
									T	T				T				.13	T		1.70			T				.07	.10	.45	T				T	.	.			
* * *																																								
SOUTHERN 02																																								
BRIDGEVILLE 1 NW	4.86	.34	.20						.20	.03				.10					.24	.08	.14	.04	1.93				.25	.55	.33	.43							T	.		
DOVER	3.04	.05	.11	.02					.02	T				.26	T				.31	.02	.04				.83				.37	.16	.32	.53	T				T	.	.	
GEORGETOWN 5 SW	5.95	.70	.35						.13					.50					.42	.20	.22				.96				.67	.57	.75	.45				T	.	.		
LEWES 1 SW	6.51	.65	.25						.04					.40					.34	.57	.02	2.03				.02				.77	.62	.09	.39	.02				T	.	.
MILFORD 3 WNW	3.65	.11	.20						.18					.33					.56	.14				.62				.12	.67	.30	.42							T	.	
SELBYVILLE	5.14	.49	.61											.31																									.	
																																								.

TEMPERATURE AND PRECIPITATION EXTREMES

- HIGHEST TEMPERATURE: 91° ON THE 6TH AT 3 STATIONS, MD
- LOWEST TEMPERATURE: 19° ON THE 10TH AT BITTINGER 2 NW, MD
- GREATEST TOTAL PRECIPITATION: 6.21 INCHES AT LEWES 1 SW, DEL
- LEAST TOTAL PRECIPITATION: .99 INCH AT HANCOCK FRUIT LAB, MD
- GREATEST ONE-DAY PRECIPITATION: 2.27 INCHES ON THE 22D AT COLEMAN 3 WNW, MD
- GREATEST REPORTED TOTAL SNOWFALL: TRACE AT 5 STATIONS, MD
- GREATEST REPORTED DEPTH OF SNOW ON GROUND: TRACE ON THE 10+ AT 2 STATIONS, MD

DAILY TEMPERATURES

MARYLAND AND DELAWARE
MAY 1966

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			
MARYLAND																																		
* * *																																		
ALLEGHENY PLATEAU 08																																		
BITTINGER 2 NW	MAX	57	53	60	51	72	70	65	72	58	45	50	64	60	63	70	74	75	70	68	69	77	65	76	73	73	76	74	77	62	58	54	65.5	
	MIN	43	34	29	29	29	57	30	50	29	19	26	41	44	41	41	45	49	55	55	48	47	47	46	51	54	48	52	55	45	33	34	42.1	
OAKLAND 1 SE	MAX	60	54	62	57	74	75	68	78	68	48	52	70	64	64	71	76	77	75	68	71	79	78	79	76	76	78	79	80	68	62	56	69.1	
	MIN	46	36	29	31	23	60	32	47	31	20	20	46	51	44	38	36	54	56	54	48	39	47	43	42	55	47	53	55	52	34	34	42.0	
SAVAGE RIVER DAM	MAX	57	55	55	64	54	76	77	70	79	46	49	55	62	66	60	74	79	79	72	72	74	82	74	79	77	80	82	72	82	66	63	68.8	
	MIN	45	41	31	36	29	54	35	40	44	28	26	33	46	46	43	41	47	52	59	52	47	49	43	49	54	54	56	58	56	38	38	44.2	
SINES DEEP CREEK 2	MAX	60	55	63	55	75	76	69	77	60	48	54	69	63	66	72	76	77	78	70	72	80	73	81	78	76	80	80	80	65	63	59	69.4	
	MIN	45	37	26	32	24	53	29	41	33	20	20	44	48	46	38	36	49	50	57	46	39	44	38	44	53	45	49	53	52	31	32	40.5	
DELAWARE																																		
* * *																																		
NORTHERN 01																																		
MIDDLETOWN 1 WSW	MAX	69	65	66	66	69	86	85	77	67	57	61	69	74	71	74	74	72	74	80	82	84	80	77	77	73	79	78	72	77	77	70	73.6	
	MIN	49	45	35	41	34	57	46	49	46	31	31	47	56	46	39	41	49	51	62	61	59	58	53	47	61	63	61	63	61	53	50	49.8	
NEWARK UNIVERSITY FARM	MAX	69	64	66	66	68	86	86	75	74	55	62	67	70	68	78	76	72	74	79	81	83	83	78	77	75	82	81	73	74	76	69	73.8	
	MIN	47	45	34	41	34	58	44	50	46	32	30	47	56	46	39	41	49	51	59	61	58	56	51	47	60	64	61	64	59	52	51	49.5	
WILMGTN NCASTLE WB AP	MAX	69	56	66	60	68	88	68	76	55	58	62	65	71	56	75	68	70	74	79	81	83	74	76	73	73	80	75	75	76	70	62	70.4	
	MIN	49	43	35	39	37	56	45	53	37	33	32	49	55	47	42	45	50	51	60	63	59	57	52	52	61	65	64	63	57	53	48	50.1	
WILMGTN PORTER RESVR	MAX	62	56	65	57	67	86	85	73	67	55	61	67	69	56	83	69	69	73	79	81	83	74	78	74	74	83	75	73	74	74	71	71.4	
	MIN	42	41	37	40	38	57	47	46	35	32	33	48	53	46	49	44	48	50	55	61	57	51	52	49	58	63	63	62	63	55	51	49.2	
SOUTHERN 02																																		
BRIDGEVILLE 1 NW	MAX	72	65	65	63	66	85	76	80	75	57	64	70	78	71	72	71	77	78	80	83	86	77	77	77	74	79	77	73	79	76	64	73.8	
	MIN	54	43	35	40	33	56	45	50	46	33	30	46	58	46	43	39	47	52	63	62	60	59	50	46	60	61	60	64	61	55	47	49.8	
DOVER	MAX	70	69	67	67	70	86	86	82	79	57	64	71	76	72	73	72	73	78	82	83	85	77	80	78	75	79	79	72	78	76	68	75.0	
	MIN	51	45	38	44	36	59	50	51	47	34	34	48	59	46	43	41	41	52	63	64	61	58	53	49	60	63	63	63	64	55	50	51.1	
GEORGETOWN 5 SW	MAX	70	60	65	65	67	85	84	83	72	57	65	67	80	70	61	69	75	80	81	79	85	75	77	77	74	79	80	73	78	72	63	73.2	
	MIN	53	44	33	39	32	54	43	51	48	34	28	40	59	46	45	36	47	51	63	54	58	60	47	45	59	61	60	54	61	58	43	48.6	
LEWES 1 SW	MAX	68	61	65	56	68	84	78	84	71	52	57	68	68	60	60	62	62	77	74	79	76	69	74	71	69	76	74	70	77	64	61	68.9	
	MIN	51	44	35	45	35	55	46	51	46	32	32	48	60	46	45	40	50	49	63	62	60	57	51	47	59	58	62	60	62	56	47	50.1	
MILFORD 3 WNW	MAX	69	67	66	65	68	85	85	83	82	54	62	72	75	74	68	66	68	78	85	81	82	76	74	76	74	75	76	72	76	76	65	73.4	
	MIN	50	48	35	41	33	54	44	51	48	34	30	47	54	47	49	42	50	50	63	64	60	58	49	44	60	62	62	63	63	56	45	50.2	
SELBYVILLE	MAX	69	66	66	60	67	82	84	83	77	57	60	67	80	78	64	65	70	79	78	81	84	70	77	74	74	77	76	70	79	72	61	72.5	
	MIN	50	44	34	43	35	53	45	50	50	34	30	46	59	47	44	37	47	50	61	61	58	58	46	44	59	59	58	61	61	57	43	49.2	

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	1.00-1.99	2.00 and over			Total
							1 AM	7 AM	1 AM	7 PM									
BALTIMORE WB AIRPORT MD	26	0.5	8.6	37	W	06	69	75	49	52	6	4	5	3	1	0	19	58	5.7
WILMINGTON NCASTLE WB AP DEL	19	1.2	9.6	25++	19	05	78	75	52	59	4	10	4	1	1	0	20	-	6.5

EVAPORATION AND WIND

MARYLAND AND DELAWARE
MAY 1966

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	-	-	.07	.22	.23	.24	.26	.35	.15	.17	.21	.20	.08	.16	*	.35	.14	.32	.20	.20	.26	.25	.24	.27	.18	.11	.19	-	-	-	.24	6.318				
	WIND	37	42	19	70	83	77	122	80	63	84	73	56	48	69	29	31	64	45	76	35	31	47	38	47	47	28	35	18	31	62	28	1597				
	MAX	-	71	60	75	68	74	80	80	86	56	67	70	70	52	60	83	78	86	81	85	87	91	83	86	81	79	87	72	76	82	72	75.9				
	MIN	-	67	44	44	43	43	49	48	42	36	36	39	50	40	46	41	57	51	59	64	51	62	54	52	53	64	68	68	65	62	54	51.7				
UPPER MARLBORO 3 NW	EVAP	.00	.18	*	.21	.22	.13	.37	.28	.19	.06	.18	.22	.15	*	.24	.08	.32	.20	.14	.16	.24	.24	.18	.22	.08	.14	.11	.06	.10	.28	.16	5.34				
	WIND	14	20	10	54	46	112	92	67	36	57	36	39	50	49	13	13	33	18	39	10	10	34	17	16	20	1	3	4	7	6	11	937				
	MAX	60	72	59	75	72	76	83	81	84	56	70	73	72	83	59	84	83	89	84	88	92	95	85	90	87	80	89	80	83	88	86	79.3				
	MIN	50	54	44	45	45	47	51	54	55	39	38	40	51	51	47	53	52	54	61	65	64	63	56	54	55	66	65	67	64	62	58	53.9				
APPALACHIAN MOUNTAIN																																					
BOONSBORO	EVAP	.01	.09	.16	.23	.16	.33	.22	.22	.07	.18	.12	.05	.12	.10	.11	.18	.14	.14	.17	.17	.16	.24	.18	.24	.16	.13	.13	.11	-	.20	.19	4.878				
	WIND	35	24	37	58	30	65	38	41	48	55	19	42	37	25	16	35	20	35	14	1	11	23	12	26	22	11	21	15	30	24	20	890				
	MAX	66	62	73	70	76	80	78	79	69	65	64	63	76	73	82	80	86	81	85	87	89	87	86	86	86	90	79	86	84	81	77	76.3				
	MIN	52	50	43	41	43	56	46	57	45	35	39	47	56	52	50	55	56	61	64	61	58	61	56	55	64	64	67	67	62	52	56	53.9				
ALLEGHENY PLATEAU																																					
SAVAGE RIVER DAM	EVAP	*	.09	.09	.38	.30	.40	.37	.36	.22	.08	.16	.19	*	.16	.12	.16	.26	.13	.26	.26	.29	*	.48	.31	.30	.10	.29	.09	.21	.23	.19	6.48				
	WIND	47	85	45	187	128	133	220	85	84	138	106	67	47	82	58	60	69	47	39	84	78	61	39	64	66	29	50	36	74	112	82	2499				
	MAX	53	50	52	64	61	71	72	72	78	50	61	50	54	67	66	82	72	84	72	76	77	83	87	82	77	82	85	79	81	76	73	70.6				
	MIN	46	43	40	36	36	39	51	41	50	32	32	32	45	50	51	52	42	56	60	55	52	52	50	50	57	46	56	57	58	45	43	46.9				
DELAWARE																																					
NORTHERN																																					
NEWARK UNIVERSITY FARM	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SOUTHERN																																					
GEORGETOWN 5 SW	EVAP	.10	.15	.10	.32	.39	.09	.49	.21	.21	.02	.40	.18	.28	.44	.26	.18	.06	.34	.19	.35	.13	.30	.29	.10	*	.44	.65	.05	.19	.20	.07	7.18				
	WIND	47	37	28	104	55	87	60	70	54	181	22	72	62	103	70	38	80	29	43	13	45	63	24	45	24	46	15	18	42	54	28	1659				

SNOWFALL AND SNOW ON GROUND

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																																				
APPALACHIAN MOUNTAIN																																				
FROSTBURG	SNOWFALL																																			
	SN ON GND										T	T																								
ALLEGHENY PLATEAU																																				
BITTINGER 2 NW	SNOWFALL																																			
	SN ON GND										T	T																								
OAKLAND 1 SE	SNOWFALL																																			
	SN ON GND											T																								

See Reference Notes Following Station Index

REFERENCE NOTES

MARYLAND AND DELAWARE
MAY 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 1958.

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.

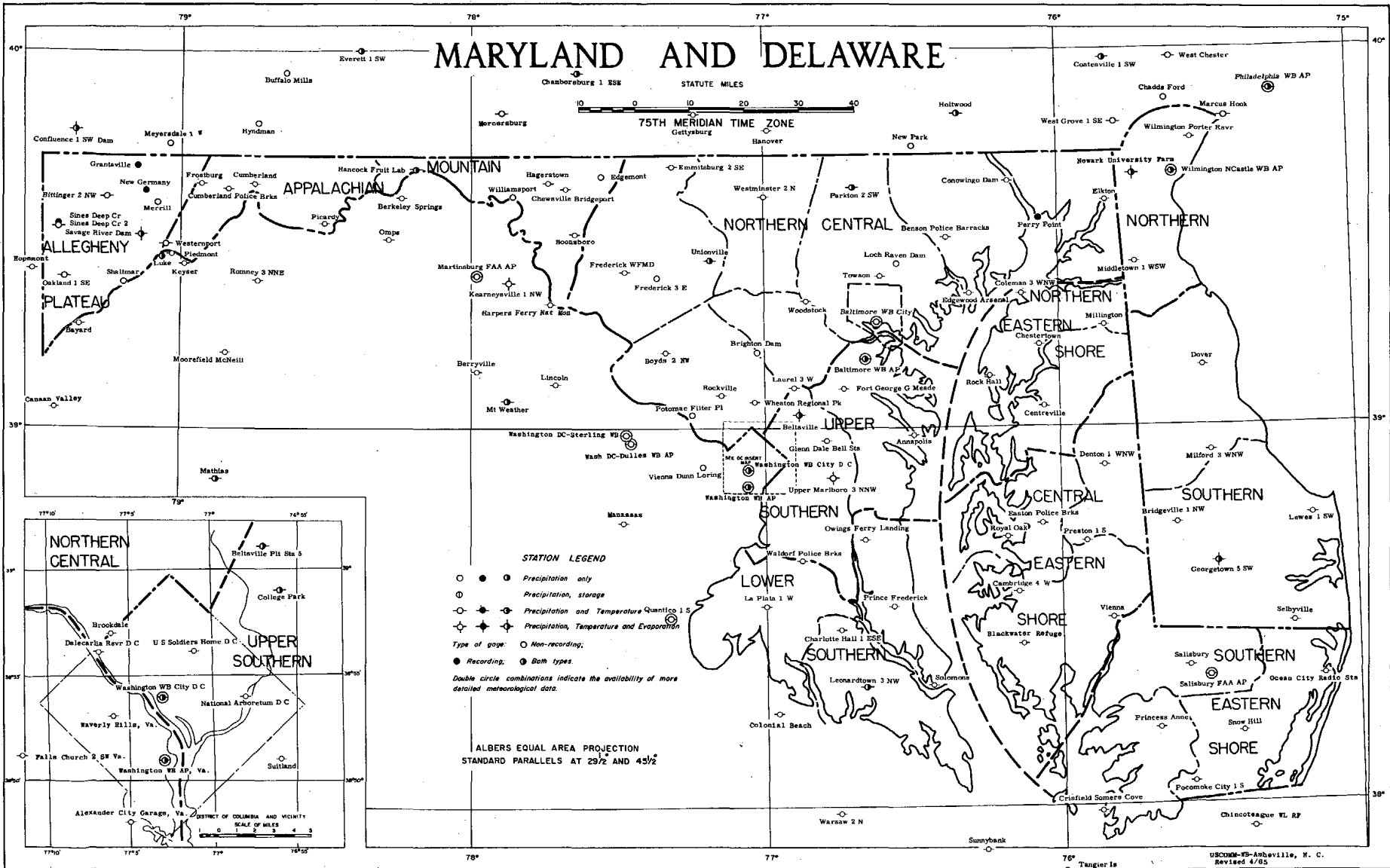
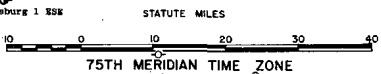
General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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-7/7/66-750

MARYLAND AND DELAWARE



STATION LEGEND

- ● ○ Precipitation only
- ● ○ Precipitation, storage
- ● ○ Precipitation and Temperature Quantico 1 S
- ● ○ Precipitation, Temperature and Evaporation
- Type of gage: ○ Non-recording;
- Recording; ● Both types.
- Double circle combinations indicate the availability of more detailed meteorological data.

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2 AND 43 1/2

