



CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

U.S. DEPARTMENT OF COMMERCE

C. R. SMITH, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

APRIL 1968

Volume 72 No. 4

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		
										Max.	Min.	90° or Above	32° or Below					Total	Max. Depth on Ground	Date	10 or More -50 or More	50 or More	100 or More
MARYLAND																							
SOUTHERN EASTERN SHORE 01																							
CHISFIELD SOMERS COVE	64.5	47.0	55.8	- 1.1	76	14	32	7	270	0	0	1	0	1.26	- 2.40	.50	24	.0	0		4	1	0
OCEAN CITY MOTEL																							
POCONUKE CITY 1 S	67.3	39.0	53.2		82	14	21	7	347	0	0	7	0	1.57		.75	24	.0	0		5	1	0
PRINCESS ANNE	67.7	40.4	54.1		83	14	24	7	321	0	0	6	0	1.41		.95	24	.0	0		3	1	0
SALISBURY	67.9	43.2	55.6		86	14	27	7	273	0	0	1	0	1.81	- 1.53	1.13	24	.0	0		4	1	1
SALISBURY FAA AIRPORT																							
SNOW HILL	66.7	42.3	54.5		83	14	26	7	308	0	0	3	0	1.68		.96	24	.0	0		4	1	0
DIVISION			54.6	- .2										1.55	- 1.86			.0					
CENTRAL EASTERN SHORE 02																							
BLACKWATER REFUGE	65.4	43.7	54.6		82	14	30	7	309	0	0	2	0	1.26		.52	24	.0	0		3	1	0
CAMBRIDGE 4 W	66.3	42.4	54.4		82	14	27	7	313	0	0	2	0	1.49		.42	25	.0	0		5	0	0
DENTON 1 WNK	68.2	42.6	55.4		80	19			267	0	0	0	0	2.02		.85	24	.0	0		6	1	0
EASTON POLICE BARRACKS	68.6	43.4	56.0	1.4	85	14	28	7	261	0	0	2	0	.88	- 2.60	.52	25	.0	0		3	1	0
PRESTON 1 S	66.6	41.2	54.0		84	14	26	7	325	0	0	4	0	1.72		.85	24	.0	0		4	1	0
ROYAL OAK	67.5	44.6	56.1		84	14	30	7	262	0	0	2	0	1.14		.46	25	.0	0		3	0	0
VIENNA	69.0	44.2	56.6		85	14	28	7	249	0	0	1	0	1.51		.71	24	.0	0		4	1	0
DIVISION			55.3	.5										1.43	- 1.97			.0					
LOWER SOUTHERN 03																							
CHARLOTTE HALL SCHOOL																							
LA PLATA 1 W	70.2	40.3	55.3		86	14	26	2	294	0	0	5	0	1.94		.79	24	.0	0		4	2	0
LEONARDTOWN 3 NW	69.5	41.1	55.3		86	14	26	7	286	0	0	6	0	1.62		.77	24	.0	0		5	1	0
OWINGS FERRY LANDING	68.5	45.0	56.8	1.6	84	14	31	7	244	0	0	2	0	1.56	- 1.92	.60	24	.0	0		5	1	0
PRINCE FREDERICK																							
SOLOMONS														.95	- 2.55	.60	14	.0	0		2	1	0
WALDOFF POLICE BRKS	70.7	39.8	55.3		85	14	27	7	286	0	0	4	0			.86	28	.0	0				0
DIVISION			55.7	.5										1.52	- 1.98			.0					
UPPER SOUTHERN 04																							
ANNAPOLIS	66.0	45.0	55.5	1.7	82	14	34	2	278	0	0	0	0	1.58	- 1.73	.64	24	.0	0		5	1	0
BALTIMORE WB AIRPORT R	66.1	41.8	54.0	- .2	83	14	31	7	324	0	0	3	0	1.61	- 1.99	1.10	24	.0	0		4	1	1
BELTSVILLE	66.1	40.0	53.1		82	15	27	7	355	0	0	5	0	1.43		.81	25	.0	0		4	1	0
BELTSVILLE PLANT STA 5	66.4	39.2	52.8		83	15	26	2	360	0	0	6	0	1.38		.76	25	.0	0		5	1	0
COLLEGE PARK	70.1	42.2	56.2	1.6	83	14	30	7	258	0	0	2	0	1.59	- 1.80	.55	25	.0	0		5	2	0
DALECARLIA RESVR D C	70.0	42.5	56.3		84	15	30	16	257	0	0	3	0	1.40		.42	24	.0	0		6	0	0
FORT GEORGE G MEADE	70.0	39.4	54.7		86	14	26	2	303	0	0	5	0	1.98		.69	24	.0	0		6	2	0
GLENN DALE BELL STA	69.5	37.5	53.5	- .2	85	14	24	2	336	0	0	9	0	1.34	- 2.20	.48	25	.0	0		4	0	0
LAUREL 3 W	67.8	44.1	56.0		83	14	32	6	269	0	0	1	0	1.11		.72	25	.0	0		3	1	0
NATIONAL ARBORETUM D C	70.4	43.1	56.8		85	14	31	7	242	0	0	2	0	1.75		.50	25	.0	0		6	1	0
SUITLAND	66.6	44.5	55.6		82	15	32	7	281	0	0	2	0	1.42		.75	25	.0	0		6	1	0
U. S. SOLDIERS HOME DC	64.5	45.3	54.9		78	15	32	6	297	0	0	1	0	1.58		1.06	24	.0	0		4	1	1
UPPER MARLBORO 3 NNW	68.6	41.5	55.1		85	15	27	2	292	0	0	3	0	1.51		.65	25	.0	0		7	1	0
DIVISION			55.0	1.0										1.51	- 1.94			.0					
NORTHERN EASTERN SHORE 05																							
CENTREVILLE	66.9	42.1	54.5		84	14	26	7	310	0	0	5	0	1.60		.49	25	.0	0		6	0	0
CHESTERTOWN	66.5	43.6	55.1		85	14	32	7	295	0	0	2	0	1.61		.72	24	.0	0		5	1	0
COLEMAN 3 WNW	67.2	44.3	55.8	1.4	84	14	31	7	271	0	0	1	0	2.01	- 1.42	.76	24	.0	0		6	2	0
MILLINGTON	67.5	41.1	54.3	.3	85	14	26	7	316	0	0	4	0	1.10	- 2.18	.35	24	.0	0		4	0	0
ROCK HALL																							
DIVISION			54.9	.9										1.58	- 1.85			.0					
NORTHERN CENTRAL 06																							
ABERDEEN PHILLIPS FLD R	66.7	43.8	55.3		81	14	32	6	289	0	0	2	0	1.44		.82	24	.0	0		4	1	0
BALTIMORE WB CITY	68.2	49.6	58.9	3.2	84	14	36	6	198	0	0	0	0	1.82	- 1.89	1.28	24	.0	0		3	1	1
BENSON POLICE BARRACKS		41.6			85	14	30	6		0	0	4	0	2.34		1.07	24	.0	0		3	2	1
BOYDS 2 NW	66.5	42.4	54.5		81	14	29	6	307	0	0	2	0	1.41		.65	24	.0	0		5	1	0
CATOCIN MOUNTAIN PARK	63.6	40.2	52.0		79	14	23	6	363	0	0	0	0	2.06		1.42	24	.0	0		3	1	1
CLARKSVILLE 3 NNE	67.5	37.0	52.3		82	14	23	2	373	0	0	9	0	2.41		.76	24	.0	0		6	2	0
CUNNINGHAM DAM	65.5	41.5	53.5		81	19	30	2	337	0	0	4	0	2.70		1.73	24	.0	0		5	1	1
ELKTON	67.7	41.2	54.5	1.7	84	14	28	7	312	0	0	5	0	2.13	- 1.47	.72	24	.0	0		6	2	0
EMMITSPURG 2 SE	66.9	37.9	52.4		82	14	23	2	369	0	0	10	0	2.11		1.53	24	.0	0		4	1	1
FREDERICK WFMD	66.5	42.2	54.4	2.2	82	14	28	6	313	0	0	2	0	1.75	- 1.92	.92	24	.0	0		4	1	0
PARKTON 2 SW	64.4	39.5	52.0		81	14	25	6	386	0	0	6	0	1.70		.88	24	.0	0		4	1	0

CLIMATOLOGICAL DATA

CONTINUED

MARYLAND AND DELAWARE
APRIL 1968

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
										90° or Above	80° or Above	70° or Above	60° or Above										
ROCKVILLE TOWSON	68.2	40.2	54.2		82	14	28	2	318	0	0	4	0	1.10		.58	24	.0	0		3	1	0
UNIONVILLE	66.3	37.6	52.0		82	14	24	6+	384	0	0	10	0	1.29		.80	24	.0	0		3	1	0
WESTMINSTER 2 SSE	64.9	40.5	52.7	.4	81	14	27	6	362	0	0	5	0	1.54	- 2.07	.85	25	.0	0		3	1	0
WHEATON REGIONAL PARK	68.4	40.3	54.4		84	14	28	7+	308	0	0	4	0	1.45		.43	24	.0	0		5	0	0
WOODSTOCK	65.8M	38.4M	52.1M	- .6			27	7	378	0	0					1.02	24	.0	0		1	1	
DIVISION			53.7	.9										1.82	- 1.76			.0					
* * *																							
APPALACHIAN MOUNTAIN																							
07																							
BOONSBORC	66.9	43.8	55.4		83	14	26	6	287	0	0	2	0	1.87		1.25	24	.0	0		3	1	1
CHEWSVILLE BRIDGEPORT	67.4	40.8	54.1	2.6	82	14	25	6	320	0	0	7	0	1.39	- 1.66	.82	24	.0	0		3	1	0
CUMBERLAND	71.1	39.0M	55.1M		86	14+	25	5	293	0	0	7	0	.89		.30	24	.0	0		4	0	0
CUMBERLAND POLICE BRKS	70.7	40.3	55.5		82	14	24	6	280	0	0	6	0	1.33		.56	24	.0	0		4	1	0
FROSTBURG	65.8	38.1	52.0	2.2	78	13	19	6	382	0	0	7	0	1.20	- 2.37	.65	24	T	0		2	1	0
HAGERSTOWN	67.5	43.1	55.3		82	14	28	6	286	0	0	2	0	1.78		.95	24	.0	0		5	1	0
HANCOCK FRUIT LAB	67.0	39.3	53.2		82	15+	23	6	351	0	0	9	0	.64	- 2.44	.17	1	.0	0		4	0	0
PICARDY	68.3	41.3	54.8		82	14	23	6	302	0	0	4	0	.67		.23	24	.0	0		4	0	0
WESTERNPORT	70.3	40.2	55.3	2.3	84	14+	25	6	285	0	0	7	0	.74	- 2.63	.40	24	.0	0		2	0	0
WESTERNPORT UPRC																							
DIVISION			54.5	2.4										1.17	- 2.08			T					
* * *																							
ALLEGHENY PLATEAU																							
08																							
BITTINGER 2 NW	59.6	35.3	47.5		73	14+	17	6	518	0	0	12	0	1.77		.55	1	T	0		8	1	0
OAKLAND 1 SE	62.0	34.1	48.1	.9	76	14	19	2	499	0	0	16	0	1.85	- 2.29	.35	1	T	0		7	0	0
SAVAGE RIVER DAM	62.7	36.5	49.6		79	14	23	6+	455	0	0	9	0	.91		.49	24	.0	0		3	0	0
SINES DEEP CREEK 2	63.4	34.0	48.7	2.5	77	13	20	2	481	0	0	15	0	2.36	- 1.79	.72	24	.0	0		7	2	0
DIVISION			48.5	1.9										1.72	- 2.28			T					
DELAWARE																							
* * *																							
NORTHERN																							
01																							
MIDDLETOWN 1 WSW	67.5M	40.4	54.0M		82	14	25	7	346	0	0	3	0	1.37		.52	25	.0	0		4	1	0
NEWARK UNIVERSITY FARM	67.7	41.2	54.5		82	14	27	7	310	0	0	3	0	1.97		.70	24	.0	0		6	2	0
WILMGTON NCASTLE WB AP	65.5	42.6	54.1	2.0	80	14	31	6	319	0	0	1	0	1.57	- 1.76	.97	24	.0	0		4	1	0
WILMGTON PORTER RESVR	64.7	42.8	53.8		79	14	30	6	328	0	0	2	0	1.67	- 2.07	1.16	24	.0	0		4	1	1
DIVISION			54.1	1.8										1.65	- 1.91			.0					
* * *																							
SOUTHERN																							
02																							
BRIDGEVILLE 1 NW	67.0	40.5	53.8	.2	82	14	25	7	330	0	0	4	0	1.71	- 1.72	.80	24	.0	0		5	1	0
DOVER	67.7	42.6	55.2	1.1	80	14+	29	7	290	0	0	3	0	1.98	- 1.44	.93	25	.0	0		2	2	0
GEORGETOWN 5 SW																							
LEWES 1 SW	63.1	42.6	52.9		77	8+	25	7	357	0	0	1	0	1.74		1.01	24	.0	0		5	1	1
MILFORD 2 WSW	67.3	40.8	54.1		80	14+	24	7	325	0	0	4	0	1.41		.55	24	.0	0		4	1	0
SELBYVILLE	66.0	41.3	53.7		78	14	23	7	333	0	0	2	0	1.47		.90	24	.0	0		2	1	0
DIVISION			53.9	.2										1.66	- 1.84			.0					

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 86° ON THE 14+ AT 5 STATIONS, MD.
 LOWEST TEMPERATURE: 17° ON THE 6TH AT BITTINGER 2 NW, MD.
 GREATEST TOTAL PRECIPITATION: 2.72 INCHES AT LOCH RAVEN DAM, MD.
 LEAST TOTAL PRECIPITATION: .64 INCHES AT HANCOCK FRUIT LAB, MD.
 GREATEST ONE-DAY PRECIPITATION: 1.73 INCHES ON THE 24TH AT CONOWINGO DAM, MD.
 GREATEST REPORTED TOTAL SNOWFALL: TRACE AT 3 STATIONS, MD.
 GREATEST REPORTED DEPTH OF SNOW ON GROUND:

DAILY PRECIPITATION

MARYLAND AND DELAWARE
APRIL 1968

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	1.26	.24			.08	.12										.07					.04				.50	.03			.10		.08		
OCEAN CITY MOTEL																																	
POCOMOKE CITY 1 S	1.57	.17			.21	.06										.08									.75	.02			.13		.15		
PRINCESS ANNE	1.41	.16			.05											.04									.95				.15		.06		
SALISBURY	1.81	.22			.10											.08									.01	1.13	.01		.21		.05		
SALISBURY FAA AIRPORT	1.68	.16			.06				T							.06				T				.04	T	.96				.06	.17		
SNOW HILL																																	

CENTRAL EASTERN SHORE 02																																	
BLACKWATER REFUGE	1.26	.08			.03				.03												.06	.14			.52	.38			.06	.18		.14	
CAMBRIDGE 4 W	1.49	.10			.04				T	.03						.03					.03	.06	.05			.41	.42						
DENTON 1 WNW	2.02	.14							T															.23	.85	.48		.13		.19		.19	
EASTON POLICE BARRACKS	1.88	.05							T							.01									.03	.12	.52		.14				
PRESTON 1 S	1.72	.17							T							.04									.08	.85	.35		.04	.13		.06	
ROYAL OAK	1.14	.14														.02					.03					.31	.46		.04	.09	.05		
VIENNA	1.51	.20			.04					.02						.05										.71	.08		.23	.18			

LOWER SOUTHERN 03																																	
CHARLOTTE HALL SCHOOL																																	
LA PLATA 1 W	1.94	.16			.07				.01							.07			T							.79	.58		.03	.10	.01	.08	
LEONARDTOWN 3 NW	1.62	.10					.06																			.77	.31		.23				
OKINGS FERRY LANDING	1.56	.15							T	.05						T										.60	.38		T	.19	T	.19	
PRINCE FREDERICK																																	
SOLDOMONS	.95	.16			.07				.07							.60	.09				.05												
WALDORF POLICE BRKS		.19							T	T		.05															.60	.43	T	.86	.04		

UPPER SOUTHERN 04																																	
ANNAPOLIS	1.58	.12			.07				T							.12					T	T				.84	.39		.15	T		.09	
BALTIMORE WB AIRPORT	1.61	.03			.11				.01			T				.10										1.10			.13		.01	.07	
BELTSVILLE	1.43	.04			.13					.03		.01					.08		.04			.01				.17	.81			.15		.01	
BELTSVILLE PLANT STA 5	1.38	.05			.14					.02		T				.11										.16	.76			.14	T		
COLLEGE PARK	1.59	.04			.11				T		.03					.12						.05				.51	.55		.15		.03		
DALECARLIA RESVR D C	1.40	.10			.16				T		.01					.08											.42	.38		.10	.05	.10	
FORT GEORGE G MEADE	1.98	.06			.12				.01	.01		T				.12				T						.69	.53		.19		.25		
GLENN DALE BELL STA	1.34	.06			.06				T	.02		.05				.12							.03				.35	.48		.10	.07	T	
LAUREL 3 W	1.11	.07			.07											.19		T								.12	.72		.13	T			
NATIONAL ARBORETUM D C	1.75				.18				T	.14		T				.12										.49	.50		.13	.05	T	.07	
SUITLAND	1.42	.16	T		.14						T	T				T	.13					T				.12	.75	T		.12	T	T	
U. S. SOLDIERS HOME DC	1.58	.08			.10																					1.06			.15				
UPPER MARLBORO 3 NNW	1.51	.13			.09	T			.02	T			.10				.12						.10			.17	.65		.15				

NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	1.60	.12							.11							.05									.39	.39		.49	.10			T	
CHESTERTOWN	1.61	.12			.06	T			.06																	.25	.72	.05		.17		.13	
COLEMAN 3 WNW	2.01	.08							.17																	.12	.76	.57		.12		.04	
MILLINGTON	1.10	.08							.08							.09										.10	.35		.11	.04		.25	
ROCK HALL																																	

NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	1.44	T			T	T			.05							T											.82	.75	.05			.13	
BALTIMORE WB CITY	1.62	.04			.19											.09						T		.14									
BENSON POLICE BARRACKS	2.34	T				.45			.06																			1.07	.55		T		.09
BOYDS 2 NW	1.41	.25				.18										.08												.85				T	
BRIGHTON DAM	1.87	.16				.55				.05									.07									.17	.72		.15		.10
BROOKDALE	.94				.01	.19							.03			.08								.02				.46	.01	.11		.03	
CATOCTIN MOUNTAIN PARK	2.06	.21			.05	.07			.02			.08				.06												1.42			T	.12	
CLARKSVILLE 3 NNE	2.41	.26				.65			.04							.10												.76	.35		.16		.04
CONDWINGO DAM	2.70	.19	T		.22	.17			.08							.08												1.73	.73	T	.03		.19
ELKTON	2.13	.23				.13			.10							.05												.72	.63				.24
EMMITTSBURG 2 SE	2.11				T	.10				.22		.03				.05							T					1.53	.10				
FREDERICK WPD	1.75	.37				.12			.04	T		.07				.07												.92	T		T	.14	
FREDERICK 3 E	1.90	.35				.25			T				.09					.08										.17	.57				.03
LOCK RAVEN DAM	2.72	.13				.40										.12												.77	.60				
PARKTON 2 SW	1.70	.22			.08				.02							.06							.02					.88	.01				.14
POTOMAC FILTER PLANT																																	
ROCKVILLE	1.10	.10				.42			T			T																					
OWSON																																	
WIDONVILLE	1.29	.23			.12				.02		.03					.04																	
WESTMINSTER 2 SSE	1.54	.44	T			.05					.03		T				.05											.80		.01		T	.07
WHEATON REGIONAL PARK	1.45	.10				.16			.02	.01						.06													.43	.42	.16	.01	.05
WOODSTOCK				.21	.12	.01			.03																				12	1.02		.07	.02

APPALACHIAN MOUNTAIN 07																																	
BOONSBORO	1.87	.25			.01	.07			.03			.09				.04															.02	.10	
HEWESVILLE BRIDGEPORT	1.39	.17			.05	.02			.02			.13				.04															T	.09	
LEWISVILLE	.89	.06				.03						.10																	.30	.14	T		.08
LUMBERLAND POLICE BRKS	1.33	.29	.07			.08			.05	.05		.14				.10													.56				.09
DGEMONT																																	
ROSTBURG	1.20	.06			.02	.09			.05			.08				.07														.05	T	.02	.11
WAGERSTOWN	1.78	.26			.11	.13			.09			.14				.08														.95		.10	
WYANCOCK FRUIT LAB	.64	.17																															

DAILY PRECIPITATION

Continued

MARYLAND AND DELAWARE
APRIL 1968

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 WSW	1.37	.14			.07				.03	T						.07							.05	.35	.52	.10				.04		
NEWARK UNIVERSITY FARM	1.57	.15			.10				.11							.02							.70	.63	.05					.21		
WILMINGTON NCASTLE WB AP	1.57	.16			.07	.01			.14			T				.01				T	T	T			.97	T	.03			.18		
WILMINGTON PORTER RESVR	1.67				.16				.11							T								1.16		T				.24		
SOUTHERN 02																																
BRIDGEVILLE 1 NW	1.71	.18			.02					T						.05				.01	T	T	.05	.80	.15	.04	.11			.35		
DOVER	1.98	T			T											.07							.86	.63	.04	.03						
GEORGETOWN 3 SW	-	-	-	-	-	-	-	-			-	-	-	-	-		-	-	-	-	-	-	T	T	-	-	-	-	-	-	-	
LEWES 1 SW	1.74	.17			.03				.07							.05							T	T	1.01	.12	.16			.13		
MILFORD 2 WSW	1.41	.14			T				T	T						.02							.07	.55	.46	.03	.14					
SELBYVILLE	1.47	.09			.05						T					.07							.08	.90	.06	T	.16			.06		

SPECIAL WEATHER SUMMARY

For the second successive year, April was a dry month. Precipitation during this April was much below normal in all sections of Maryland and Delaware. Most unusual was the precipitation deficiency during the period from March 24

through April 23 when more than half of the stations reported totals less than 1/2 inch and only in the western half of Garrett County did the totals reach as much as 1.89 inches.

W. J. Moyer
ESSA-Weather Bureau State Climatologist
Room 34, Symons Hall
University of Maryland
College Park, Maryland 20740

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 PM	7 PM									
BALTIMORE WB AIRPORT MD	24	1.7	9.4	42	SW	04	72	78	47	51	1	6	3	0	1	0	11	59	5.9
WILMINGTON NCASTLE WB AP DEL	24	2.1	10.0	28++	31	30	69	71	45	56	5	4	3	1	0	0	13	-	6.0

DAILY TEMPERAT URES

MARYLAND AND DELAWARE
APRIL 1968

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	68	55	54	71	69	55	54	70	74	68	60	63	68	76	68	60	63	67	71	70	64	59	59	65	63	63	70	65	61	62	64.5	
	MIN	49	38	45	51	53	38	32	45	55	53	44	45	46	50	47	45	45	44	55	55	52	48	43	47	48	42	52	47	49	47	47.0	
OCEAN CITY MOTEL	MAX																																
	MIN																																
POCOMOKE CITY 1 S	MAX	69	58	58	76	73	64	59	76	77	66	60	66	76	82	65	64	66	71	74	78	65	58	57	65	64	64	74	65	66	64	67.0	
	MIN	48	26	33	52	50	34	21	36	46	49	37	29	31	38	38	40	30	31	39	44	52	41	36	46	42	42	47	37	31	44	39.0	
PRINCESS ANNE	MAX	68	59	56	75	72	55	60	74	75	70	60	68	75	83	70	64	68	72	77	79	68	58	60	67	65	66	72	65	66	64	67.7	
	MIN	50	31	36	51	53	36	24	38	53	49	39	29	32	39	43	40	32	32	48	45	49	42	35	46	42	34	45	40	34	45	40.4	
SALISBURY	MAX	69	58	56	75	73	58	60	75	76	69	62	69	79	86	67	65	67	73	76	77	66	58	57	67	64	67	72	65	67	65	67.9	
	MIN	50	35	37	53	54	36	27	40	52	52	41	34	37	44	45	40	38	37	52	52	49	46	40	46	45	37	48	44	40	46	43.2	
SALISBURY FAA AIRPORT	MAX	70	58	57	77	70	50	57	76	76	64	62	68	79	83	57	65	65	73	77	76	64	56	56	68	62	66	72	64	68	66	66.7	
	MIN	43	36	38	57	48	32	26	42	53	48	38	32	36	43	46	40	36	34	52	49	47	44	39	49	46	33	51	44	39	47	42.3	
SNOW HILL	MAX																																
	MIN																																
* * *																																	
CENTRAL EASTERN SHORE 02																																	
BLACKWATER REFUGE	MAX	66	56	54	71	68	59	56	72	76	66	62	68	75	82	58	61	66	68	73	73	73	64	59	64	60	61	65	62	62	62	65.4	
	MIN	50	35	45	51	56	37	30	42	54	48	43	32	35	42	49	43	42	40	49	51	49	47	36	46	48	38	49	42	43	40	43.7	
CAMBRIDGE 4 W	MAX	67	58	52	73	67	56	58	72	76	66	62	68	75	82	64	64	66	73	78	75	70	61	59	64	63	64	64	63	64	65	66.3	
	MIN	47	37	41	51	56	34	27	44	54	48	43	32	35	42	41	44	38	38	48	50	49	47	36	46	45	35	47	39	39	39	42.4	
DENTON 1 WNW	MAX				73	68	53	62	71	76	68	71	70	80			65	70	75	80	77	75	57	55	67	64	67	65	64	65	66	68.2	
	MIN				50	50		40	52	46	39	37	35	35			37	38	36	51	46	45	47	38	45	43	36	48	39	40	41	42.6	
EASTON POLICE BARRACKS	MAX	72	58	54	74	72	61	61	71	75	72	63	68	78	85	74	65	70	75	79	78	75	68	60	66	62	65	65	65	65	63	68.6	
	MIN	49	30	40	51	57	33	28	43	54	48	44	35	39	45	43	43	41	42	51	49	50	49	39	45	42	38	47	41	43	43	43.4	
PRESTON 1 S	MAX	69	57	54	71	68	57	60	70	74	68	63	68	78	84	68	64	69	74	79	76	69	57	58	66	63	65	65	63	64	63	66.8	
	MIN	49	29	37	51	56	31	26	38	52	48	39	31	35	42	41	40	37	35	51	45	49	46	36	46	42	36	45	40	40	42	41.2	
ROYAL OAK	MAX	67	56	54	71	68	56	60	70	74	71	62	69	77	84	74	64	68	74	77	77	70	68	63	64	62	68	63	65	63	65	67.5	
	MIN	50	32	45	51	54	34	30	45	55	49	48	37	40	44	44	43	43	45	50	53	50	49	40	48	44	38	49	40	44	43	44.6	
VIENNA	MAX	70	59	54	71	70	62	63	70	78	70	63	73	80	85	66	66	70	76	84	77	71	58	64	66	66	68	70	66	67	68	69.0	
	MIN	50	35	44	52	57	35	28	42	55	51	42	33	37	44	45	42	42	40	52	53	51	47	39	47	45	42	49	42	40	44	44.2	
* * *																																	
LOWER SOUTHERN 03																																	
CHARLOTTE HALL SCHOOL	MAX																																
	MIN																																
LA PLATA 1 W	MAX	71	61	61	72	70	57	65	71	78	47	39	73	80	86	75	67	74	78	82	82		65	66	64	65	72	64	67	65	67	70.2	
	MIN	45	26	43	53	53	37	28	46	47	47	39	30	30	40	48	37	30	40	47	47	47	41	42	48	34	33	45	35	38	41	40.3	
LEONARDTOWN 3 NW	MAX	75	59	54	76	73	63	65	75	76	65	62	70	80	86	79	64	70	75	80	77	73	65	64	64	65	71	67	65	62	66	69.5	
	MIN	45	32	41	50	57	37	26	46	46	46	42	28	34	39	41	39	31	45	56	48	52	46	39	49	32	30	47	37	36	36	41.1	
OWINGS FERRY LANDING	MAX	69	60	54	71	69	54	62	70	77	71	70	69	80	84	72	65	68	76	79	78	70	70	60	59	64	70	65	66	66	66	68.5	
	MIN	47	32	41	51	53	36	31	46	54	53	51	36	54	49	47	36	41	43	50	49	49	50	43	47	40	43	47	45	43	43	45.0	
PRINCE FREDERICK	MAX																																
	MIN																																
SOLOMONS	MAX	80	80	62	76			74			74			68			75	68	71	70													
	MIN	48	37	32	50			38			52			46			42	46	45	57													
WALDORF POLICE BRKS.	MAX	79	58	59	71	56		64	70	77	74	64	73	80	85	81	66	71	77	80	79	74	74	64	64	64	71	71	71	65	67	70.7	
	MIN	45	27	42	41	35		27	46	45	45	39	30	42	40	45	39	32	35	46	46	46	44	44	48	35	33	45	36	38	39	39.8	
* * *																																	
UPPER SOUTHERN 04																																	
ANNAPOLIS	MAX	69	59	56	71	70	52	58	65	75	69	62	67	75	82	68	63	68	72	77	75	68	60	59	60	61	66	62	63	63	65	66.0	
	MIN	49	34	44	50	52	35	38	47	51	49	44	36	40	46	47	40	44	44	53	54	54	51	46	49	40	37	50	41	42	42	45.0	
BALTIMORE WB AIRPORT	MAX	64	60	58	72	63	50	60	64	75	64	62	69	80	83	63	66	69	76	78	75	69	58	58	63	59	69	63	66	63	64	66.1	
	MIN	41	31	38	51	41	32	31	44	50	46	40	33	37	47	46	36	39	42	51	50	51	49	44	48	39	34	45	40	40	39	41.8	
BELTSVILLE	MAX	75	60	60	74	70																											

DAILY TEMPERATURES

MARYLAND AND DELAWARE
APRIL 1968

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																																	
NATIONAL ARBORETUM D C	MAX	78	60	56	72	71	58	64	67	75	75	65	71	81	85	82	67	72	75	82	80	75	69	63	65	65	70	68	67	67	68	70.4	
	MIN	46	32	42	47	56	37	31	45	55	49	39	34	40	44	45	41	37	47	49	52	51	45	45	48	39	33	45	39	41	39	43.1	
SUITLAND	MAX	75	70	58	56	70	60	52	62	66	75	65	60	69	80	82	62	64	69	74	79	77	70	61	61	63	60	68	63	65	61	66.6	
	MIN	46	32	40	47	55	34	32	44	51	50	41	40	42	50	48	41	43	46	52	57	55	45	47	48	38	38	47	41	45	40	46.5	
U. S. SOLDIERS HOME DC	MAX	76	60	48	65	62	52	62	66	74	60	59	64	74	78	78	61	65	69	75	72	68	67	64	58	55	62	58	60	64	60	64.5	
	MIN	40	38	44	45	44	32	39	49	54	51	43	40	46	52	45	41	45	47	53	55	53	50	48	48	38	39	46	43	48	43	45.3	
UPPER MARLBORO 3 NNW	MAX	80	77	59	60	71	63	58	63	70	76	68	63	70	80	85	63	65	70	77	80	78	68	61	61	64	63	70	65	66	65	68.6	
	MIN	48	27	40	49	59	33	28	44	49	47	41	30	35	42	45	39	33	42	47	54	49	43	44	49	38	33	43	36	41	38	41.5	
* * *																																	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX	68	58	55	72	71	59	61	70	73	70	62	63	78	84	65	64	69	75	79	75	69	62	59	65	62	67	62	65	64	62	66.9	
	MIN	48	30	39	51	57	31	26	42	55	46	43	32	35	43	42	42	42	37	53	46	51	46	39	50	44	31	45	38	38	40	42.1	
CHESTERTOWN	MAX	69	58	55	69	65	54	61	66	75	65	63	70	78	85	62	65	70	75	81	76	69	59	60	65	60	66	60	66	63	64	66.5	
	MIN	42	33	43	51	43	32	32	43	55	49	43	37	42	46	45	40	42	44	55	50	51	48	44	46	40	44	46	43	43	43	43.6	
COLEMAN 3 WNW	MAX	71	59	58	71	69	58	58	64	74	69	63	69	78	84	66	66	69	75	78	73	66	65	59	64	63	65	60	66	71	64	67.2	
	MIN	49	37	39	50	56	33	31	40	54	48	43	41	43	44	45	42	49	46	54	51	51	49	42	46	43	36	42	43	42	41	46.3	
MILLINGTON	MAX	67	58	57	72	72	57	55	72	75	70	75	70	80	85	60	66	69	76	80	75	63	59	56	67	62	68	63	66	65	64	67.5	
	MIN	48	28	34	52	57	29	26	40	56	44	39	31	35	47	43	41	33	35	53	45	50	47	41	46	43	35	45	36	36	39	41.1	
ROCK HALL	MAX																																
	MIN																																
* * *																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX	71	58	56	70	70	55	59	59	74	72	62	68	78	81	67	66	68	74	78	77	70	63	59	62	62	65	65	65	65	61	66.7	
	MIN	48	32	43	51	55	32	33	43	51	44	40	36	43	48	48	43	42	46	57	51	53	43	45	48	42	35	48	34	41	38	43.8	
BALTIMORE WB CITY	MAX	68	63	60	75	66	54	59	64	79	67	64	69	80	84	66	68	72	77	80	78	68	61	59	64	60	70	68	70	66	66	68.2	
	MIN	45	40	46	54	44	36	40	50	59	53	48	47	50	56	51	45	50	51	62	62	56	53	48	51	46	44	53	48	51	49	45.6	
BENSON POLICE BARRACKS	MAX	69	60	60	75	75	55	59	59	74	73	62	70	78	85	73	78	85	73														
	MIN	45	31	37	49	54	30	31	41	48	47	34	34	37	45	45	40	40	38	53	52	51	48	44	46	37	32	44	39	37	38	41.6	
BOYDS 2 NW	MAX	72	57	57	69	64	54	60	61	73	67	61	69	78	81	77	65	69	73	78	75	72	67	63	56	55	67	67	63	64	62	66.5	
	MIN	37	32	36	42	48	29	33	44	56	48	41	39	44	50	43	37	42	44	50	53	51	44	48	46	36	33	46	41	43	37	42.4	
CATOCTIN MOUNTAIN PARK	MAX	66	54	55	67	57	49	58	60	69	65	57	66	75	79	72	68	65	72	75	73	70	62	60	51								
	MIN	45	27	33	43	42	23	31	41	50	42	36	35	46	51	44	30	37	46	48	47	50	44	44	41								
CLARKSVILLE 3 NNE	MAX	74	59	57	73	69	54	62	61	72	68	61	69	78	82	80	63	69	75	79	77	72	68	58	61	61	67	67	64	64	61	67.5	
	MIN	45	23	28	49	52	29	25	42	43	43	33	26	26	37	42	36	28	34	47	45	45	42	42	46	33	30	40	32	33	34	37.0	
CONOWINGO DAM	MAX	64	61	61	72	60	57	59	59	74	65	62	66	76	81	61	65	69	73	81	75	64	60	59	62	57	65	67	66	61	62	65.5	
	MIN	43	30	37	51	55	32	32	40	46	45	39	32	37	42	44	43	36	38	50	49	51	48	44	48	40	35	43	37	38	39	41.5	
ELKTON	MAX	70	59	60	71	70	55	61	62	75	69	65	69	80	84	68	69	73	76	82	76	66	62	58	64	62	67	66	66	61	64	67.7	
	MIN	48	30	39	51	50	30	28	38	45	47	38	32	36	42	49	40	41	40	53	44	50	47	44	47	42	32	41	37	38	38	41.2	
EMMITSBURG 2 SE	MAX	69	58	59	72	62	53	62	60	73	73	62	68	80	82	68	66	69	74	78	76	73	68	64	55	55	68	65	65	62	68	66.9	
	MIN	39	23	40	48	40	25	28	43	50	39	37	27	31	47	45	30	31	38	45	46	52	43	48	46	33	31	43	30	27	33	37.9	
FREDERICK WFMD	MAX	70	57	57	70	65	51	61	59	72	68	60	69	78	82	78	64	67	74	78	77	73	70	62	58	54	67	66	65	65	59	66.5	
	MIN	43	34	35	49	50	28	33	43	57	47	42	34	40	51	46	35	35	43	50	49	54	44	49	47	38	31	46	36	38	38	42.2	
PARKTON 2 SW	MAX	62	58	59	71	61	51	58	59	72	64	59	69	80	81	60	64	68	75	78	75	66	59	57	58	56	65	63	64	59	61	64.4	
	MIN	32	27	36	48	36	25	30	41	50	43	39	35	40	48	44	37	36	39	53	50	50	46	44	44	32	32	41	35	37	34	39.5	
ROCKVILLE	MAX	75	59	59	71	69	54	61	63	73	72	64	70	78	82	65	70	70	76	80	79	75	69	63	60	59	68	68	64	65	64	68.2	
	MIN	43	28	39	50	53	30	30	45	50	46	36	30	35	48	38	35	35	42	45	52	48	42	45	48	34	33	41	34	35	35	40.2	
TOWSON	MAX																																
	MIN																																
UNIONVILLE	MAX	68	58	60	72	64	52	62	62	73	65	60	68	80	82	73	63	67	75	78	75	73	69	63	55	56	68	63	64	61	61	66.3	
	MIN	44	24	32	49	42	24	29	44	49	41	35	27	34	38	44	31	26	37	47	38	52	42	49	47	33	30	43	31	32	34	37.6	
WESTMINSTER 2 SSE	MAX	66	57	58	70	65	52	61	60	72	64	58	68	79	81	68	62	69	74	77	75	68	63	59	57	53	66	62	63	61	59	64.9	
	MIN	42	31	35	47	42	27	30	42	57																							

MARYLAND AND DELAWARE
APRIL 1968

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																																	
HANCOCK FRUIT LAB	MAX MIN	77 42	52 25	61 28	66 44	69 47	52 23	53 24	66 50	65 55	71 40	66 39	62 29	73 33	82 37	82 53	58 35	67 28	70 38	79 52	80 43	76 53	81 49	69 53	67 49	59 39	47 29	70 45	61 29	69 30	59 38	67.0 39.3	
PICARDY	MAX MIN	69 38	60 26	66 34	67 44	66 40	54 23	67 29	63 50	71 54	63 45	60 38	70 35	81 44	82 48	75 45	65 31	71 35	78 45	79 55	72 48	81 51	74 49	65 50	61 48	58 38	70 37	64 51	67 34	63 35	67 38	68.3 41.3	
WESTERNPORT	MAX MIN	65 38	60 26	68 33	67 47	65 42	57 25	73 28	68 47	72 50	66 40	63 40	75 30	84 38	84 45	75 44	71 32	73 32	81 48	78 56	69 45	82 49	77 47	68 53	64 49	58 35	71 35	67 48	72 31	68 37	68 37	70.3 40.2	
WESTERNPORT UPRC	MAX MIN																																
* * *																																	
ALLEGHENY PLATEAU 08																																	
BITTINGER 2 NW	MAX MIN	56 26	52 21	53 31	59 44	54 30	46 17	63 27	62 43	61 42	56 33	52 31	66 27	73 44	73 47	64 34	57 24	63 36	72 44	65 47	62 41	72 47	66 41	58 43	53 43	46 28	64 30	55 39	60 28	53 36	52 35	59.6 35.3	
OAKLAND 1 SE	MAX MIN	58 29	54 19	59 28	61 44	57 32	50 21	68 26	60 42	62 45	57 31	54 33	68 23	75 30	76 38	65 37	61 23	67 28	71 45	66 49	62 36	71 44	69 36	63 44	56 47	51 32	68 32	61 42	62 24	56 29	53 32	62.0 34.1	
SAVAGE RIVER DAM	MAX MIN	73 34	46 23	55 30	63 37	63 41	45 23	50 27	67 36	64 46	65 35	61 38	55 28	72 36	79 43	77 42	49 30	64 29	66 39	73 43	69 42	65 47	76 44	73 49	63 48	58 32	44 34	66 42	57 32	65 38	55 35	62.7 36.5	
SINES DEEP CREEK 2	MAX MIN	66 30	55 20	63 29	59 41	57 34	52 21	70 26	62 40	63 40	59 30	53 34	69 24	77 32	76 36	69 39	61 22	69 26	73 44	61 51	63 37	74 44	70 37	66 47	56 47	50 30	70 30	60 43	62 25	60 29	56 32	63.4 34.0	
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX MIN	73 48	59 30	62 33	73 49	70 56	57 28	59 25	70 36	73 52	72 44	64 36	68 33	73 36	82 42	82 43	36 39	39 38	53 42	49 49	47 47	42 42	66 42	62 42	66 34	66 42	66 38	66 42	66 38	66 38	64 38	67.5 40.4	
NEWARK UNIVERSITY FARM	MAX MIN	67 47	61 31	63 37	72 50	69 54	55 29	58 27	64 35	73 50	72 47	64 37	70 35	80 37	82 45	70 43	67 39	70 45	75 41	79 52	76 45	71 48	63 47	58 42	63 45	61 41	67 33	67 42	65 37	65 37	64 38	67.7 41.2	
WILMGTN NCASTLE WB AP	MAX MIN	67 38	59 33	63 39	73 51	64 39	53 31	56 33	67 42	73 52	65 48	65 40	67 38	79 43	80 44	59 43	68 39	69 44	74 43	75 51	73 48	59 49	60 49	57 45	63 47	58 44	65 38	65 42	65 40	62 40	63 40	65.5 42.6	
WILMGTN PORTER RESVR	MAX MIN	66 39	58 35	62 40	69 49	63 40	52 30	57 31	64 41	71 52	66 48	62 48	67 41	78 44	79 49	57 44	65 40	67 44	75 42	77 50	72 49	58 47	59 48	58 43	63 41	55 41	66 37	70 41	63 46	61 43	62 42	64.7 42.8	
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX MIN	71 49	59 31	55 34	74 51	69 52	52 28	63 25	75 42	76 52	67 49	62 39	70 36	80 48	82 44	60 43	64 39	66 36	77 34	80 47	71 45	64 49	61 45	55 42	67 45	63 43	66 35	66 42	66 39	65 40	65 45	67.0 40.5	
DOVER	MAX MIN	72 49	59 31	65 37	74 48	73 58	61 31	56 29	73 38	75 52	74 46	63 40	68 36	80 40	80 47	60 46	64 40	64 41	76 38	75 51	72 48	62 49	59 46	57 41	63 46	62 44	68 36	67 47	65 39	66 42	65 43	67.7 42.6	
GEORGETOWN 5 SW	MAX MIN																																
LEWES 1 SW	MAX MIN	69 49	58 39	59 37	77 53	66 49	50 38	50 25	77 42	75 53	61 49	61 39	63 36	74 48	71 44	55 43	62 39	68 36	73 34	69 47	60 45	53 49	52 45	50 42	67 45	63 43	59 35	68 42	62 40	62 40	58 45	63.1 42.6	
MILFORD 2 WSW	MAX MIN	71 49	59 29	56 36	76 52	73 58	59 33	58 24	76 38	75 54	77 46	63 36	68 31	80 36	80 42	60 43	64 38	64 35	76 34	78 42	73 45	60 48	59 45	53 38	67 45	62 43	68 32	67 48	66 40	66 38	65 45	67.3 40.8	
SELBYVILLE	MAX MIN	70 50	60 34	57 36	75 52	69 54	58 33	54 23	76 42	75 53	67 46	60 44	66 36	77 36	78 43	62 41	64 39	63 37	75 32	73 51	72 43	58 48	54 45	54 38	65 45	62 43	62 34	72 46	72 42	66 38	63 45	66.0 41.3	

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																																	
UPPER MARLBORO 3 NNW	EVAP	-	-	.10	.08	.10	.18	.17	.15	.02	.12	.24	.23	.21	.13	.28	.06	-	-	-	.13	.14	.15	.10	.16	.03	.09	.31	.06	.06	.10	4.08	
	WIND	-	-	22	64	88	77	11	26	19	41	19	28	13	7	27	53	39	-	-	20	21	20	17	16	15	41	36	30	7	8	17	874
	MAX MIN	- -	- -	60 40	55 41	66 51	58 39	70 38	75 35	66 49	80 50	69 55	68 38	80 41	84 48	86 51	66 38	76 40	81 37	86 51	85 55	76 59	85 48	77 48	86 46	68 45	76 44	83 44	69 46	76 44	63 49	78 50	69 45.5
* * * APPALACHIAN MOUNTAIN																																	
07																																	
BOONSBORO	EVAP	.17	.14	.12	.06	.11	-	.19	.06	.22	.14	.14	.13	.14	.18	.17	-	.23	.17	.21	.11	.15	.16	.16	.10	.08	.09	.10	.10	.08	.07	4.05	
	WIND	82	40	26	30	77	25	27	27	67	18	55	18	17	21	38	54	15	19	14	11	24	32	37	41	39	23	26	15	7	20	950	
	MAX	66	63	68	65	62	64	69	66	70	65	66	73	77	80	76	65	73	80	82	75	81	77	71	66	63	70	62	71	71	59	69.9	
	MIN	48	35	39	49	42	36	39	48	50	47	44	40	48	52	51	38	42	49	55	53	56	52	51	48	41	39	51	41	48	43	45.5	

See Reference Notes Following Station Index

MARYLAND AND DELAWARE
APRIL 1966

† DRAINAGE CODE: 1-CHESAPEAKE 2-COASTAL 3-PATAPSCO 4-PATUXENT 5-POTOMAC 6-SUSQUEHANNA 7-YOUGHIOPENY[illegible]

REFERENCE NOTES

MARYLAND AND DELAWARE
APRIL 1968

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 34, Symons Hall, University of Maryland, College Park, Maryland 20740, 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 the 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 tables with no data 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, 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.

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