

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

NOVEMBER 1961

Volume 65 No. 11



ASHEVILLE: 1962

MARYLAND AND DELAWARE - NOVEMBER 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 88° on the 6th at Pocomoke City 1 S, Md.

Lowest Temperature: 10° on the 22nd at Oakland 1 SE, Md.

Greatest Total Precipitation: 5.28 inches at Boonsboro, Md.

Least Total Precipitation: 1.37 inches at La Plata 1 W, Md.

Greatest One-Day Precipitation: 2.30 inches on the 5th at Boonsboro,
Md.

Greatest Reported Total Snowfall: 6.7 inches at Bittering 2 NW, Md.

Greatest Reported Depth of Snow on Ground: 4 inches on the 20th at
Benson Police Barracks and
Conowingo Dam

SPECIAL WEATHER SUMMARY

Maximum temperature records for the date and for so late in the season were set at many points on the 5th. Strong winds over the area with gusts as high as 70 mph at Hagerstown Airport did damage on the 24th. A boy was critically injured by a falling limb in Chevy Chase.

A. Delbert Peterson
Weather Bureau State Climatologist
Friendship International Airport
Baltimore, Maryland

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
NOVEMBER 1961

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	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
										32° or Above	32° or Below	32° or Below	0° or Below										
MARYLAND																							
SOUTHERN EASTERN SHORE																							
CRISFIELD HAMMOCK PT	57.7	45.3	51.5	.3	75	5+	28	11	406	0	0	1	0	1.93	- 1.30	.95	20	T	0		4	2	0
OCEAN CITY WATER PLANT	57.2M	44.7M	51.0M		71	5	31	29	418	0	0	3	0	1.78		.82	20	T	0		4	2	0
POCOMOKE CITY 1 S	61.7	37.9	49.8		88	6	21	11	459	0	0	11	0	1.84		.93	20	.0	0		5	1	0
PRINCESS ANNE	60.2	38.1	49.2		79	6+	19	11	477	0	0	15	0	2.06		1.05	20	.0	0		5	2	1
SALISBURY	60.0	41.5	50.8		80	6+	25	11	437	0	0	8	0	2.06	- 1.17	1.04	20	.0	0		4	1	1
SALISBURY POLICE BRKS	59.8	39.2	49.5		80	6+	20	11	470	0	0	11	0	2.13		1.10	20	.0	0		4	1	1
SALISBURY FAA AIRPORT	58.3	40.3	49.3		81	6+	23	11	485	0	0	10	0	2.14		1.09	20	.0	0		5	1	1
SNOW HILL	59.7	38.9	49.3	1.1	78	5+	22	11	468	0	0	13	0	1.84	- 1.74	.87	20	.0	0		4	1	0
DIVISION			50.1	1.1										1.97	- 1.37			T					
CENTRAL EASTERN SHORE																							
BLACKWATER REFUGE	60.2	44.4	52.3		78	1	26	11	391	0	0	3	0	1.70		.80	20	T	0		4	1	0
CAMBRIDGE 4 W	58.9	42.7	50.8		80	5	23	11	439	0	0	4	0	1.79		.74	20	.0	0		5	2	0
DENTON	59.5	38.5	49.0		82	5	21	11	491	0	0	13	0	1.91		.67	20	1.7	T	20	5	2	0
EASTON POLICE BARRACKS	59.0	42.1	50.6	2.9	80	5	24	11	444	0	0	8	0	1.69	- 1.55	.55	24	.5	1	20	5	1	0
PRESTON 1 S	58.9	41.7	50.3		80	5	23	11	452	0	0	11	0	1.59		.69	20	.5	0		4	2	0
ROYAL OAK	58.8	43.7	51.3		80	5	26	11	422	0	0	3	0	1.82		.70	24	.5	0		4	2	0
VIENNA	60.2	41.5	50.9		79	6	24	11	430	0	0	7	0	1.77		.81	20	T	0		5	1	0
DIVISION			50.7	2.6										1.75	- 1.59			.5					
LOWER SOUTHERN																							
CHARLOTTE HALL 1 ESE	60.3	41.2	50.8		81	4	25	11	442	0	0	10	0	1.48		.62	24	1.5	0		3	2	0
LA PLATA 1 W	60.8	40.0	50.4		82	5	22	22+	450	0	0	12	0	1.37		.69	24	1.0	0		4	1	0
LEONARDTOWN 3 NW	60.1	40.0	50.1		81	5+	22	11	458	0	0	11	0	1.76		.82	24	.0	0		4	1	0
OWINGS FERRY LANDING	58.7	40.3	49.5	1.3	82	5	25	11	471	0	0	11	0	2.18	- 1.04	.99	24	2.0	0		5	2	0
PRINCE FREDERICK	59.4M	38.5M	49.0M		80	5	20	11	482	0	0	14	0	1.56		.76	24	.5	0		3	2	0
SOLOMONS	58.0	46.2	52.1	1.8	76	5	33	29	387	0	0	0	0	1.70	- 1.43	.69	20	T	0		4	2	0
WALDORF POLICE BRKS	59.6	39.4	49.5		82	5	21	20+	475	0	0	12	0	1.82		.56	24	2.0	2	20	5	2	0
DIVISION			50.2	1.9										1.70	- 1.48			1.0					
UPPER SOUTHERN																							
ANNAPOLIS U S N ACADEMY	56.0	43.5	49.8	1.7	71	5+	31	11	455	0	0	2	0	1.93	- .83	.54	20	T	0		6	1	0
BALTIMORE WB AIRPORT	57.3	37.9	47.6	2.0	83	5	23	11	533	0	0	15	0	1.98	- .98	.75	24	3.2	2	20	7	1	0
BELTSVILLE	57.5	37.4	47.5		82	6	21	11	537	0	0	16	0	2.02		.84	24	2.0	2	20	5	1	0
BELTSVILLE PLANT STA 5	57.7	37.9	47.8		81	6	20	11	522	0	0	14	0	1.90		.82	24	3.8	2	20	5	1	0
COLLEGE PARK	58.9	40.8	49.9	3.3	82	5	22	11	470	0	0	12	0	2.10	- 1.11	.87	24	2.0	0		5	1	0
DALECARLIA RESERVOIR DC	58.4	40.8M	49.6M		81	5	26	11	464	0	0	9	0										
FORT GEORGE G MEADE	58.2	39.2	48.7		84	5	20	11	497	0	0	14	0	2.05		.93	24	1.0	0		5	1	0
GLENN DALE BELL STA	59.8	38.9	49.4	3.6	84	5	20	11	485	0	0	15	0	1.96	- 1.35	.80	24	2.0	0		5	1	0
NATIONAL ARBORETUM D C	59.0	43.0	51.0		81	5	27	11	435	0	0	6	0	1.98		.78	24	3.3	0		5	1	0
U S SOLDIERS HOME D C	58.1	40.3	49.2		80	5	25	28	485	0	0	9	0	2.17		.55	24	2.0	0		7	1	0
UPPER MARLBORO 3 NNW	58.9	38.5	48.7		83	6	21	12	503	0	0	14	0	1.87		.76	24	1.0	0		5	1	0
WASHINGTON WB CITY DC	56.6M	43.0M	49.8M	1.8			33	29+	452	0	0	0	0	2.07	- .75	.68	23				7	1	0
DIVISION			49.1	2.4										2.00	- 1.22			2.0					
NORTHERN EASTERN SHORE																							
CENTREVILLE	58.0	41.1	49.6		80	5	21	11	473	0	0	9	0	2.02		.68	24	2.0	T	20	4	3	0
CHESTERTOWN	58.0	40.4	49.2		82	5	27	11	484	0	0	9	0	2.33		.84	24	2.5	T	20	5	2	0
COLEMAN 3 NNW	57.5	42.9	50.2	2.8	80	5	27	11	455	0	0	2	0	2.63	- .68	.99	24	2.0	T	20	6	2	0
MILLINGTON	57.2	37.4	47.3	.2	82	4	18	11	539	0	0	14	0	1.89	- 1.48	.58	24	3.0	1	20	5	2	0
ROCK HALL 3 SE				M	78	1	27	11		0	0		0										
DIVISION			49.1	1.6										2.22	- 1.07			2.4					
NORTHERN CENTRAL																							
BALTIMORE WB CITY	57.1	43.5	50.3	1.6	80	5	32	28+	451	0	0	2	0	2.75	- .21	1.17	24				7	1	1
BENSON POLICE BARRACKS	57.2	37.2	47.2		77	5+	21	11	538	0	0	14	0	3.39		1.09	24	3.7	4	20	6	3	1
BOYDS 2 NW	56.4	39.4	47.9		81	5	24	22+	520	0	0	10	0	2.50		.90	24	3.7	0		5	2	0
CONOWINGO DAM	54.7	38.5	46.6		77	4	23	11	555	0	0	11	0	2.56		1.02	24	4.0	4	20	5	1	1
CONOWINGO POLICE BRKS	57.5	37.1	47.3		77	4	20	11	531	0	0	15	0	2.60		1.15	24	1.0	1	20	5	1	1
EDGEWOOD ARSENAL	55.0	36.9	46.0		74	5	21	11	569	0	0	14	0	2.45		.90	24	3.7	0		6	1	0
ELKTON	56.9	38.7	47.8	2.5	83	5	22	11	526	0	0	14	0	2.79	- .81	.76	24	6.5	2	20	6	3	0
EMMITTSBURG 2 SE	56.0	37.0	46.5		77	4	20	11	553	0	0	14	0	4.10		1.15	6	2.5	0		7	3	2
FREDERICK POLICE BRKS	56.8	39.8	48.3		78	4	25	11	506	0	0	11	0					2.5	3	20			
FREDERICK WB AIRPORT	55.4	37.3	46.4	1.0	78	4	23	11	563	0	0	14	0	3.34	.39	.85	5	3.0	3	20	8	2	0
PARKTON 2 SW	54.4	35.8	45.1		76	5+	22	11	599	0	0	14	0	2.57		1.04	24	3.0	T	20+	6	1	1
PIKESVILLE POL BRKS	52.6M	39.6	46.1M		83	5	25	22+	591	0	0	10	0	2.77		1.20	24	3.2	3	20			
ROCKVILLE	57.8	41.4	49.6		80	5	24	29	473	0	0	8	0	2.29		.78	24	2.0	0		5	2	0
TOWSON	57.5	39.9M	48.7M		80	5	23	11	489	0	0	10	0	3.26	- .20	1.41	24				6	2	1
UNIONVILLE	55.6	36.2	45.9		79	5+	19	11	580	0	0	15	0	2.83		.71	24	4.0	0		7	3	0
WATERLOO POLICE BRKS	56.6	39.0	47.8		79	5	22	11	520	0	0	15	0	2.37		.99	24	2.5	3	20	5	2	0
WESTMINSTER	54.2	38.5	46.4	1.8	75	5+	23	11	559	0	0	12	0	2.77	- .62	.65	24	3.0	3	20	6	3	0
WOODSTOCK	56.6	38.6	47.6	3.3	81	5	20	11	530	0	0	13	0	2.33	- .89	.83	24	1.8	0		5	2	0
DIVISION			47.3	2.3										2.80	- .52			3.1					

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
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Station	Temperature												Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days			
																		Total	Max. Depth on Ground	Date	10 or More	.50 or More	1.00 or More	
										90° or Above	32° or Below	32° or Below 0°	Below 0°											
APPALACHIAN MOUNTAIN																								
BOONSBORO	54.7	37.3	46.0		77	4	22	29	572	0	0	13	0	5.28		2.30	5	3.7	T	20	8	4	1	
CHEWSVILLE BRIDGEPORT	54.7	38.8	46.8	3.4	78	4	22	11	554	0	0	12	0	3.61	+.88	1.24	6	3.0	T	20	8	2	1	
CUMBERLAND	53.5	38.1	45.8		82	3	21	22	573	0	0	11	0	2.27		1.08	24	.9	T	20	4	2	1	
CUMBERLAND POLICE BRKS	54.7	35.0	44.9		82	4	17	22	604	0	0	16	0	2.34		.70	24	T	T	20+	7	1	0	
FROSTBURG	51.3	34.7	43.0	1.4	78	3	20	22	653	0	0	15	0	2.28	-.44	.67	24	1.5	T	28+	6	2	0	
HAGERSTOWN	54.0	32.9	43.5		77	4	18	11	640	0	0	15	0	4.15		1.65	6	2.5	T	20	8	2	1	
HANCOCK FRUIT LAB	54.6	36.3	45.5		78	4	17	11	585	0	0	13	0	2.29	-.44	1.15	24	2.6	3	20	7	1	1	
PICARDY	55.5	34.4	45.0		80	3	19	22	595	0	0	14	0	1.65	-1.00	.86	24				5	1	0	
WESTERNPORT	55.4	35.4	45.4	.9	81	3	20	22+	582	0	0	15	0	2.28	-.14	.80	24	.0	0		6	1	0	
DIVISION			45.1	1.5										2.91	-.22			1.8						
ALLEGHENY PLATEAU																								
BITTINGER 2 NW	47.9	31.6	39.8		73	3	16	22	747	0	6	19	0	3.17		.76	16	6.7	2	29+	10	2	0	
OAKLAND 1 SE	50.9	31.0	41.0	1.9	77	3	10	22	716	0	3	18	0	2.34	-.91	.50	23	3.2	2	28	6	1	0	
SAVAGE RIVER DAM	50.7	34.0	42.4		78	4	19	23	674	0	1	17	0	1.96		.79	24	T	T	29+	5	1	0	
SINES DEEP CREEK	50.0	30.7	40.4	2.6	74	3	13	22	733	0	2	17	0	2.96	-.20	1.23	24	3.0	1	29+	5	2	1	
DIVISION			40.9	2.4										2.61	-.48			3.2						
DELAWARE																								
NORTHERN																								
MIDDLETOWN 2 S	56.1M	36.7M	46.4M		82	5	21	11	566	0	0	14	0	2.14		.69	24	1.5	0		6	2	0	
NEWARK UNIVERSITY FARM	56.1	38.7	47.4		81	5	20	11	650	0	0	13	0	2.37		.67	7	4.0	0		6	3	0	
WILMGTN NCASTLE WB AP	55.4	37.9	46.7	1.2	81	5	22	11	553	0	0	11	0	2.41	-.92	.82	24	3.3	3	20	5	2	0	
WILMINGTON PORTER RESVR	54.2	38.8	46.5		80	5	25	11	560	0	0	10	0	2.65	-1.06	.86	24	3.0	1	20	5	3	0	
DIVISION			46.8	.9										2.39	-1.12			3.0						
SOUTHERN																								
BRIDGEVILLE 1 NW	58.7	40.0	49.4	2.1	80	5	23	11	479	0	0	11	0	1.59	-1.60	.71	20	T	0		5	1	0	
DOVER	58.8	40.5	49.7	1.9	82	5	24	11	468	0	0	11	0	2.30	-1.19	.72	20		1	20	5	2	0	
GEORGETOWN 5 SW	59.3	39.3	49.3		81	5	21	11	481	0	0	14	0	1.61		.88	20	.0	0		3	1	0	
LEWES 1 SW	58.8	41.0	49.9		80	5	27	11	459	0	0	7	0	1.85		.84	20	.0	0		6	1	0	
MILFORD 3 WNW	59.0	38.5	48.8		80	5	22	11	497	0	0	16	0	1.69		.63	20	.0	0		4	1	0	
SELBYVILLE	59.7	41.6	50.7		79	6+	23	11	432	0	0	10	0	2.03		1.08	20	.0	0		4	1	1	
DIVISION			49.6	1.8										1.85	-1.69			T						

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
ANNAPOLIS USN ACADEMY, MD.	-	-	-	-	-	-	-	-	-	-	3	1	5	1	0	0	10	-	-
BALTIMORE WB AIRPORT, MD.	WNW	22	10.0	37	NW	24	77	80	53	65	4	1	6	1	0	0	12	59	5.9
FREDERICK WB AIRPORT, MD.	-	-	-	-	-	-	-	-	-	-	1	2	6	2	0	0	11	-	-
WASHINGTON WB CITY, D. C.	S†	21†	8.6†	37†	WNW†	24†	70†	72†	52†	60†	7†	1	6	1	0	0	14†	48†	6.2†
WILMINGTON NCASTLE WB AP, DEL.	NW	20	10.8	38++	WNW	24	80	82	56	70	10	1	3	2	0	0	16	-	6.3

See Reference Notes Following Station Index

MARYLAND AND DELAWARE
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DAILY TEMPERATURES

MARYLAND AND DELAWARE
NOVEMBER 1961

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																																	
ANNAPOLIS U S N ACADEMY	MAX	69	62	71	70	71	67	59	52	47	48	52	58	64	64	62	59	60	49	41	45	47	49	53	57	57	54	57	42	44	51	56.0	
	MIN	53	49	61	64	64	58	42	39	36	34	31	40	55	56	50	48	45	38	34	33	36	35	45	45	40	37	37	32	33	35	43.5	
BALTIMORE WB AIRPORT	MAX	70	64	77	80	83	68	59	53	47	50	55	56	66	63	62	58	58	48	41	43	48	52	54	55	56	60	56	42	45	50	57.3	
	MIN	48	46	57	64	61	54	35	31	29	27	23	32	52	55	46	41	39	29	26	32	30	25	30	40	33	32	34	28	30	28	37.9	
BALTIMORE WB CITY	MAX	70	65	76	78	80	67	58	51	48	48	55	57	64	64	64	59	59	48	41	43	47	52	54	54	56	60	57	42	46	51	57.1	
	MIN	50	46	58	66	66	56	46	37	35	36	34	42	55	58	52	49	44	36	33	32	37	34	40	45	40	43	36	32	34	34	43.5	
BELTSVILLE	MAX	77	68	64	77	78	82	67	56	51	46	48	55	57	69	63	63	60	54	46	42	41	47	51	53	53	56	61	57	40	43	57.5	
	MIN	53	44	48	63	68	54	51	27	31	28	21	30	30	51	51	42	50	35	24	30	29	23	28	33	35	27	31	28	29	28	37.4	
BELTSVILLE PLANT STA 5	MAX	79	69	66	77	78	81	67	57	52	44	49	55	57	68	63	64	60	55	47	42	42	47	50	53	53	56	59	57	41	43	57.7	
	MIN	49	40	51	65	63	51	51	27	29	25	20	29	46	49	49	40	52	35	23	32	32	22	27	41	36	27	39	30	31	26	37.9	
BENSON POLICE BARRACKS	MAX	69	64	74	77	77	71	61	52	47	46	50	57	64	64	68	61	63	48	43	40	45	50	53	52	54	61	59	51	45	50	57.2	
	MIN	41	35	54	67	60	55	46	29	30	29	21	30	30	42	50	41	47	34	25	30	30	26	29	46	37	34	37	24	29	29	37.2	
BITTINGER 2 NW	MAX	58	59	73	63	66	54	45	38	32	39	58	54	66	57	55	54	56	33	30	30	31	46	49	42	46	59	48	27	29	39	47.9	
	MIN	39	37	49	50	53	43	32	24	21	23	23	39	39	50	42	46	30	20	17	25	24	16	32	32	27	32	27	18	18	20	31.6	
BLACKWATER REFUGE	MAX	78	70	74	76	76	77	70	60	51	49	54	63	69	68	65	64	63	52	44	44	47	51	56	58	55	59	59	54	47	52	60.2	
	MIN	51	48	61	66	63	58	56	39	36	38	26	42	55	56	59	47	52	41	29	35	39	33	34	50	41	36	43	33	33	31	44.4	
BOONSBORO	MAX	67	62	76	77	75	66	53	49	43	47	55	49	65	62	61	54	56	44	43	39	45	48	49	51	54	59	55	48	40	50	54.7	
	MIN	47	39	54	62	61	50	41	31	28	25	26	33	43	54	46	48	40	29	24	29	31	24	35	41	31	33	43	25	22	25	37.3	
BOYDS 2 NW	MAX	70	62	75	76	81	71	61	51	46	47	51	55	67	62	62	66	54	46	41	39	46	50	50	48	55	59	57	49	43	51	56.4	
	MIN	54	38	59	64	63	54	46	35	31	24	24	37	45	55	48	44	43	33	24	30	33	24	31	45	37	35	41	27	29	30	39.4	
CAMBRIDGE 4 W	MAX	73	70	78	78	80	73	65	53	48	48	54	67	70	64	63	62	59	50	44	43	47	49	58	58	54	57	60	50	43	49	58.9	
	MIN	49	47	61	66	64	55	48	37	35	38	23	35	54	55	52	42	49	39	32	33	37	35	31	53	40	33	41	33	31	33	42.7	
CENTREVILLE	MAX	71	68	79	79	80	72	63	52	48	48	53	64	68	63	61	57	60	50	42	40	46	50	58	56	55	58	54	51	45	49	58.0	
	MIN	54	42	57	63	65	50	50	33	36	31	21	36	51	56	50	39	49	38	31	31	36	32	32	46	38	30	41	30	32	33	41.1	
CHARLOTTE HALL 1 ESE	MAX	80	76	77	81	80	79	66	54	48	49	51	65	72	62	66	60	65	50	43	43	43	52	57	57	56	63	62	55	44	52	60.3	
	MIN	52	49	60	64	64	54	51	37	29	33	25	32	35	57	54	49	49	36	28	32	33	30	31	48	36	33	45	30	30	29	41.2	
CHESTERTOWN	MAX	70	70	79	79	82	67	62	57	50	49	53	64	66	62	60	58	61	52	42	39	45	52	57	55	55	58	54	42	49	52	58.0	
	MIN	49	42	59	64	64	56	40	36	35	30	27	37	54	57	43	42	43	35	31	32	34	30	34	44	35	32	38	29	31	30	40.4	
CHEWSTOWN BRIDGEPORT	MAX	67	63	76	78	76	67	54	50	44	46	54	50	59	61	60	55	57	44	43	42	45	48	52	53	55	58	55	41	39	50	54.7	
	MIN	47	38	56	65	63	52	45	34	32	30	22	31	38	49	48	47	42	32	26	31	34	26	38	43	37	30	41	28	28	30	38.8	
COLEMAN 3 WNW	MAX	72	67	79	79	80	74	62	54	48	48	53	57	65	62	61	55	58	50	44	40	46	48	57	55	53	58	53	51	46	49	57.5	
	MIN	55	42	56	56	66	62	52	41	36	35	27	37	51	58	53	43	49	40	34	33	36	35	33	43	40	36	41	30	33	34	42.9	
COLLEGE PARK	MAX	74	66	78	80	82	76	63	52	47	49	55	56	68	67	65	62	61	50	43	42	49	53	53	57	59	59	56	45	51	58.9		
	MIN	58	45	59	66	66	55	51	29	34	29	22	30	49	51	52	42	49	38	26	32	35	25	28	48	40	29	41	31	32	31	40.8	
CONOWINGO DAM	MAX	67	62	75	77	76	65	56	52	45	45	50	57	60	61	59	57	58	46	41	39	46	49	55	53	52	57	51	40	43	46	54.7	
	MIN	43	37	56	63	62	55	36	31	33	28	23	32	52	53	41	39	40	34	30	33	33	32	31	46	37	30	37	31	28	29	38.5	
CONOWINGO POLICE BRKS	MAX	73	65	76	77	76	76	59	53	49	45	51	58	60	62	61	57	57	57	52	40	45	51	54	53	53	62	57	51	45	49	57.5	
	MIN	48	34	52	63	61	52	45	28	29	28	20	31	46	51	48	37	48	33	25	29	29	26	29	45	32	29	37	26	26	27	37.1	
CRISFIELD HAMMOCK PT	MAX	72	67	75	74	75	70	67	58	51	47	53	61	69	62	62	60	60	53	44	44	45	49	56	56	51	54	55	54	43	45	57.7	
	MIN	57	49	61	60	61	57	56	39	40	41	28	42	55	54	50	40	53	44	36	37	40	39	36	50	43	40	44	35	35	36	45.3	
CUMBERLAND	MAX	65	66	82	73	65	65	55	48	40	46	55	53	65	59	62	59	58	42	40	39	40	46	51	48	54	52	53	37	38	48	53.5	
	MIN	50	41	56	58	57	52	43	33	30	34	22	35	34	50	49	50	42	31	24	32	35	21	32	42	36	29	37	27	29	31	38.1	
CUMBERLAND POLICE BRKS	MAX	68	67	80	82	65	65	58	50	40	46	55	54	64	60	59	56	57	42	39	39	41	47	52	52	53	53	53	49	47	47	54.7	
	MIN	50	34	49	57	56	50	42	28	28	30	19	30	30	52	45	44	40	29	19	30	34	17	27	40	32	21	33	27	27	30	35.0	
DALECARLIA RESERVOIR DC	MAX	72	67	76	79	81	79	62	52	45	48	54	56	69	67	64	62	61	51	44	43	47	49	54	54	51	60	57	53	42	52	58	

DAILY TEMPERATURES

MARYLAND AND DELAWARE
NOVEMBER 1961

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	
MILLINGTON	MAX MIN	70 45	65 36	80 55	82 60	80 62	73 48	58 48	52 30	48 30	45 30	54 18	65 30	66 50	63 52	58 45	62 36	58 45	49 35	40 24	37 30	45 28	45 30	59 25	54 44	55 35	58 30	55 38	48 28	45 28	46 28	57.2 37.4	
NATIONAL ARBORETUM D C	MAX	74	69	78	79	81	76	64	52	49	56	57	69	66	65	60	61	50	43	41	47	49	54	54	57	60	58	56	43	52	59.0		
	MIN	58	45	59	66	65	59	52	34	35	36	27	34	52	57	53	47	50	38	32	32	36	31	34	46	40	33	43	31	32	34	43.0	
DAKLAND 1 SE	MAX MIN	58 42	67 35	77 55	68 51	64 53	57 46	48 34	38 27	33 23	42 27	60 16	60 30	68 30	58 48	62 47	63 41	60 34	36 18	33 17	33 22	47 10	57 29	44 33	51 24	59 24	46 29	31 20	31 19	43 22	50.9 31.0		
OCEAN CITY WATER PLANT	MAX MIN	62 52	68 46	68 58	69 64	71 62	68 59	63 56	60 42	50 35	47 33	52 32	62 49	64 56	62 56	60 56	59 46	61 57	57 38	47 34	50 40	46 37	50 34	55 38	59 51	54 41	56 39	57 44	56 32	45 31	50 33	57.2 44.7	
OWINGS FERRY LANDING	MAX	74	66	77	79	82	69	63	52	47	50	55	60	68	63	63	59	60	48	44	43	47	52	55	55	58	59	63	53	45	52	58.7	
	MIN	52	46	58	64	62	54	48	34	31	33	25	32	51	56	52	46	45	35	27	30	33	27	32	45	37	30	40	28	28	29	40.3	
PARKTON 2 SW	MAX MIN	66 42	61 34	72 54	76 64	76 61	65 50	55 33	51 31	45 29	46 25	52 22	55 31	60 49	60 54	59 39	55 45	55 35	46 23	40 30	45 24	49 30	50 32	51 40	53 33	59 34	54 33	40 24	45 28	49 27	54.4 35.8		
PICARDY	MAX MIN	67 45	66 37	80 53	74 55	75 51	66 48	55 40	48 28	42 24	48 29	59 20	66 40	62 38	62 43	61 44	62 43	59 36	43 27	41 20	42 29	44 30	49 19	52 35	48 38	55 31	56 26	53 35	39 22	40 24	52 23	55.5 34.4	
PIKESVILLE POL BRKS	MAX	71	60					70	56	50	50	47	53	53	61	61	57	57	38	38	40	45	50	50	50	52	53	53	41	47	52.6		
	MIN	49	39	55	60	58	56	46	36	31	30	25	36	48	55	51	45	47	34	26	30	29	25	35	44	34	39	40	26	29	29	39.6	
POCOMOKE CITY 1 S	MAX	79	79	80	78	78	88	75	61	48	53	54	68	69	71	64	60	64	54	42	45	46	49	58	58	54	63	59	56	45	58	61.7	
	MIN	44	45	59	56	54	47	40	32	33	23	21	32	59	55	48	39	50	34	25	33	33	26	26	41	31	35	35	28	28	30	37.9	
PRESTON 1 S	MAX MIN	71 54	68 44	79 59	78 63	80 61	77 56	65 50	52 32	47 35	47 32	54 23	66 38	70 54	63 53	62 54	59 42	60 50	52 38	43 29	42 32	46 36	50 31	60 32	57 48	54 38	61 32	59 41	52 31	45 32	49 30	58.9 41.7	
PRINCE FREDERICK	MAX	75	66	78	73	80	72	59	52	48	58	56	62	69	63	61	63	60	55	50	42	48	52	56	56	62						59.4	
	MIN	48	45	55	65	58	48	43	32	27	26	20	30	48	55	47	45	42	35	28	32	28	28	34	48	33	30		30	30	27	38.5	
PRINCESS ANNE	MAX	73	70	77	72	78	79	72	53	48	55	67	70	70	68	64	61	63	55	43	44	46	50	59	56	54	61	59	56	45	50	60.2	
	MIN	47	42	57	69	73	51	51	29	32	24	19	31	53	53	55	40	52	30	23	32	32	27	25	47	33	27	34	27	29	27	38.1	
ROCK HALL 3 SE	MAX	78	65	75	73	76	68	60	54	49	48	50	59	64	61	61	56	60															
	MIN	56	44	57	63	63	56	46	38	36	33	27	38	52	55	50	43	46															
ROCKVILLE	MAX	74	66	76	77	80	76	62	60	48	53	53	66	66	62	60	58	50															
	MIN	54	43	57	65	63	59	48	36	31	32	27	35	48	55	51	48	48	34	36	32	34	30	33	46	37	34	42	28	24	32	57.8 41.4	
ROYAL OAK	MAX	73	72	77	78	80	70	63	55	48	49	54	63	69	63	63	59	60	52	44	44	47	49	58	56	55	58	59	52	45	50	58.8	
	MIN	56	45	59	64	63	56	53	37	37	37	26	41	53	56	56	44	52	40	34	34	38	34	34	49	50	48	49	32	33	34	43.7	
SALISBURY	MAX	74	66	78	80	80	80	67	55	49	55	67	71	68	64	60	64	53	47	43	42	51	58	58	55	62	60	53	41	51	60.0		
	MIN	48	46	58	62	58	55	54	34	35	31	25	37	53	53	58	43	52	38	29	34	36	31	29	49	35	33	37	31	32	29	41.5	
SALISBURY POLICE BRKS	MAX	76	70	76	80	80	80	70	53	43	48	53	65	69	66	62	68	62	53	44	43	46	53	57	55	54	61	59	55	44	49	59.8	
	MIN	45	46	57	60	58	54	53	33	30	28	20	36	53	53	55	40	50	33	25	34	33	30	27	42	35	32	35	29	31	28	39.2	
SALISBURY FAA AIRPORT	MAX	73	64	75	79	81	81	61	52	47	46	55	67	70	68	61	61	64	47	43	41	44	51	57	58	54	60	58	39	44	48	58.3	
	MIN	50	46	61	62	59	56	42	32	35	26	23	41	56	56	56	48	43	41	29	29	33	33	32	29	44	37	34	38	31	32	30	40.3
SAVAGE RIVER DAM	MAX	67	60	65	78	62	66	54	50	41	39	43	58	53	64	62	56	59	42	37	36	37	37	42	47	44	51	55	49	32	34	50.7	
	MIN	46	41	42	54	54	52	41	30	28	29	22	25	34	38	49	47	41	28	22	28	31	20	19	37	34	28	29	25	25	26	34.0	
SINES DEEP CREEK	MAX	58	67	74	66	64	53	47	38	35	41	59	56	68	59	57	61	51	35	33	34	35	48	58	45	48	60	47	30	32	42	50.0	
	MIN	38	36	51	50	50	43	29	26	25	23	19	33	33	46	40	40	33	21	20	27	20	13	30	34	26	28	25	22	22	18	30.7	
SNOW HILL	MAX	74	68	74	78	78	77	65	53	48	49	56	69	70	70	63	60	65	52	46	46	46	51	58	57	54	60	59	51	45	50	59.7	
	MIN	47	48	58	60	55	51	50	31	32	28	22	32	53	52	53	38	48	31	27	35	33	28	26	46	35	31	34	28	28	28	38.9	
SOLOMONS	MAX	73	67	73	75	76	69	64	53	49	49	53	63	64	65	62	59	61	51	44	43	48	49	54	57	56	55	60	54	44	51	58.0	
	MIN	56	52	53	60	62	57	53	47	35	40	37	48	56	59	57	52	51	41	35	35	36	45	45	50	41	40	48	34	33	34	46.2	
TOWSON	MAX	73	66	73	76	80	74	60	54	47	49	53	55	65	62	62	59	58	50	45	43	46	51	51	53	56	60	56	53	45	50	57.5	
	MIN	50	42	51	64	63	57	49	31	32	30	23	34	49	56	52	41	41	35	25	31	33	25	36	43	35	31	41	28	30	39.9		
UNIONVILLE	MAX	68	64																														

DAILY TEMPERATURES

MARYLAND AND DELAWARE
NOVEMBER 1961

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	
LEWES 1 SW	MAX	71	62	74	78	80	78	64	54	48	45	53	70	70	69	61	68	63	50	41	47	46	47	55	58	52	56	57	50	46	51	58.8	
	MIN	50	49	59	62	62	55	43	37	33	30	27	36	55	59	46	37	46	33	29	37	34	30	39	46	37	35	35	29	29	30	41.0	
MIDDLETOWN 2 S	MAX				78	82	80	62	57	48	44	52	62	64	63	61	57	60	51	40	38	45	49	55	55	53	59	54	50	45	50	56.1	
	MIN				60	60	52	48	30	32	26	21	31	51	54	45	36	46	33	26	31	29	26	31	45	33	29	39	28	23	25	36.7	
MILFORD 3 WNW	MAX	77	63	79	78	80	78	67	55	48	45	52	67	70	65	62	62	62	52	44	38	45	48	59	57	54	57	59	53	45	48	59.0	
	MIN	53	43	57	61	62	53	53	29	27	30	22	30	51	55	54	37	51	33	30	23	31	30	28	32	30	31	35	29	28	26	38.5	
NEWARK UNIVERSITY FARM	MAX	70	62	75	80	81	68	59	51	47	44	51	62	62	61	60	55	57	48	42	37	43	47	55	54	55	62	54	49	43	48	56.1	
	MIN	44	34	54	59	59	51	50	31	31	30	20	30	49	52	50	52	47	35	26	32	31	27	30	46	39	33	36	28	27	29	38.7	
SELBYVILLE	MAX	74	65	75	78	79	79	67	55	48	47	55	63	69	69	62	60	64	54	44	48	46	51	57	58	54	61	58	55	45	50	59.7	
	MIN	48	49	58	62	56	54	55	33	31	29	23	32	55	55	56	57	54	33	29	37	34	30	28	49	38	34	36	30	31	31	41.6	
WILMGTN NCASTLE WB AP	MAX	66	61	75	77	81	68	57	52	46	44	50	61	61	62	60	56	58	47	41	39	44	46	54	55	55	60	54	40	44	49	55.4	
	MIN	45	42	57	61	58	54	35	33	30	26	22	35	53	55	41	40	37	30	26	32	31	28	34	43	38	35	33	27	28	27	37.9	
WILMINGTON PORTER RESVR	MAX	63	62	75	75	80	66	55	50	45	42	49	61	60	60	59	56	57	45	40	36	42	46	54	54	53	60	52	38	43	47	54.2	
	MIN	43	39	55	62	59	55	41	36	33	28	25	36	52	54	41	40	38	31	28	32	32	29	35	42	39	38	34	27	30	29	38.8	

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
NOVEMBER 1961

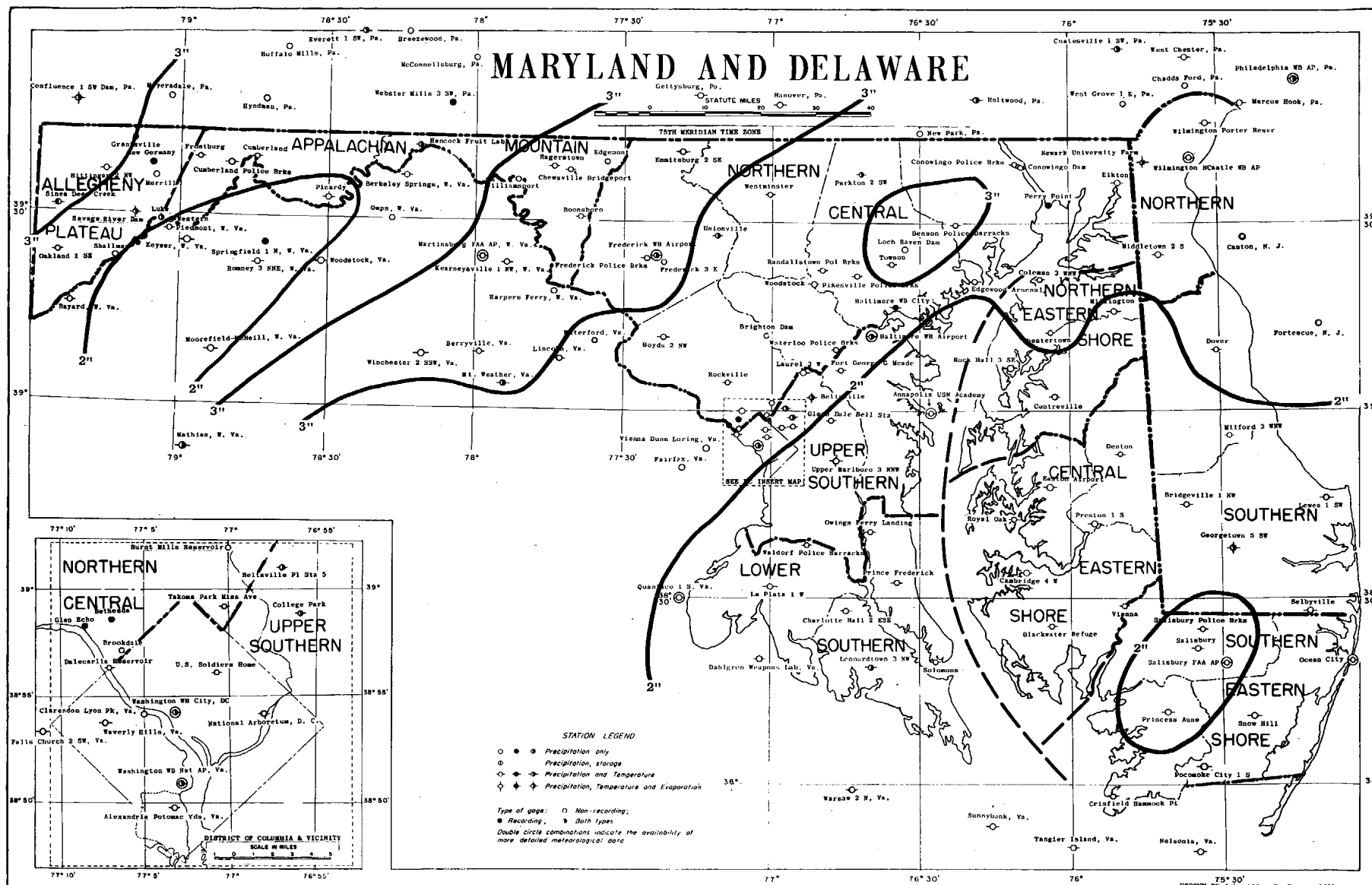
Station		Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MARYLAND																																			
ANNAPOLIS U S N ACADEMY	SNOWFALL SN ON GND																				T														
BALTIMORE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV																			1.1	2.1 2 -														
BITTINGER 2 NW	SNOWFALL SN ON GND								2.0 2	1	T									.3 T	1.0 1	.9 2	T		T T				2.1 2	.4 2		T			
BROOKDALE	SNOWFALL SN ON GND																				2.3														
CHESTERTOWN	SNOWFALL SN ON GND																			T	2.5 T														
COLLEGE PARK	SNOWFALL SN ON GND																				2.0														
CONOWINGO DAM	SNOWFALL SN ON GND																				4.0 4														
CUMBERLAND	SNOWFALL SN ON GND										T										.9 1										T				
DENTON	SNOWFALL SN ON GND																				1.7 T														
EMMITSBURG 2 SE	SNOWFALL SN ON GND																				2.5														
FORT GEORGE G MEADE	SNOWFALL SN ON GND																				1.0														
FREDERICK WB AIRPORT	SNOWFALL SN ON GND																			1.5	1.5 3														
FROSTBURG	SNOWFALL SN ON GND								T T	.5 T											1.0 T	T T								T T					
GLENN DALE BELL STA	SNOWFALL SN ON GND																				2.0														
HAGERSTOWN	SNOWFALL SN ON GND																				2.5 T														
HANCOCK FRUIT LAB	SNOWFALL SN ON GND																				2.6 3														
LA PLATA 1 W	SNOWFALL SN ON GND																				1.0														
MILLINGTON	SNOWFALL SN ON GND																				3.0 1	T													
OAKLAND 1 SE	SNOWFALL SN ON GND								1.0 1	T	T									.3 T	.2 T	.2 T							1.5 2	1					
OWINGS FERRY LANDING	SNOWFALL SN ON GND																				2.0														
PARKTON 2 SW	SNOWFALL SN ON GND								T											T T	3.0 T	T													
PRESTON 1 S	SNOWFALL SN ON GND																				.5														
ROYAL OAK	SNOWFALL SN ON GND																				.5														
SAVAGE RIVER DAM	SNOWFALL SN ON GND									T T	T T										T T	T T							T T	T T					
UNIONVILLE	SNOWFALL SN ON GND																				4.0														
WESTMINSTER	SNOWFALL SN ON GND																				3.0 3														
WOODSTOCK	SNOWFALL SN ON GND																				1.8														
DELAWARE																																			
BRIDGEVILLE 1 NW	SNOWFALL SN ON GND																				T														
DOVER	SNOWFALL SN ON GND																				- 1														
MIDDLETOWN 2 S	SNOWFALL SN ON GND																				1.5														
NEWARK UNIVERSITY FARM	SNOWFALL SN ON GND																				4.0														
WILMINGTON NCASTLE WB AP	SNOWFALL SN ON GND WTR EQUIV																			T	3.3 3 .3	T													
WILMINGTON PORTER RESVR	SNOWFALL SN ON GND																			T	3.0 1														

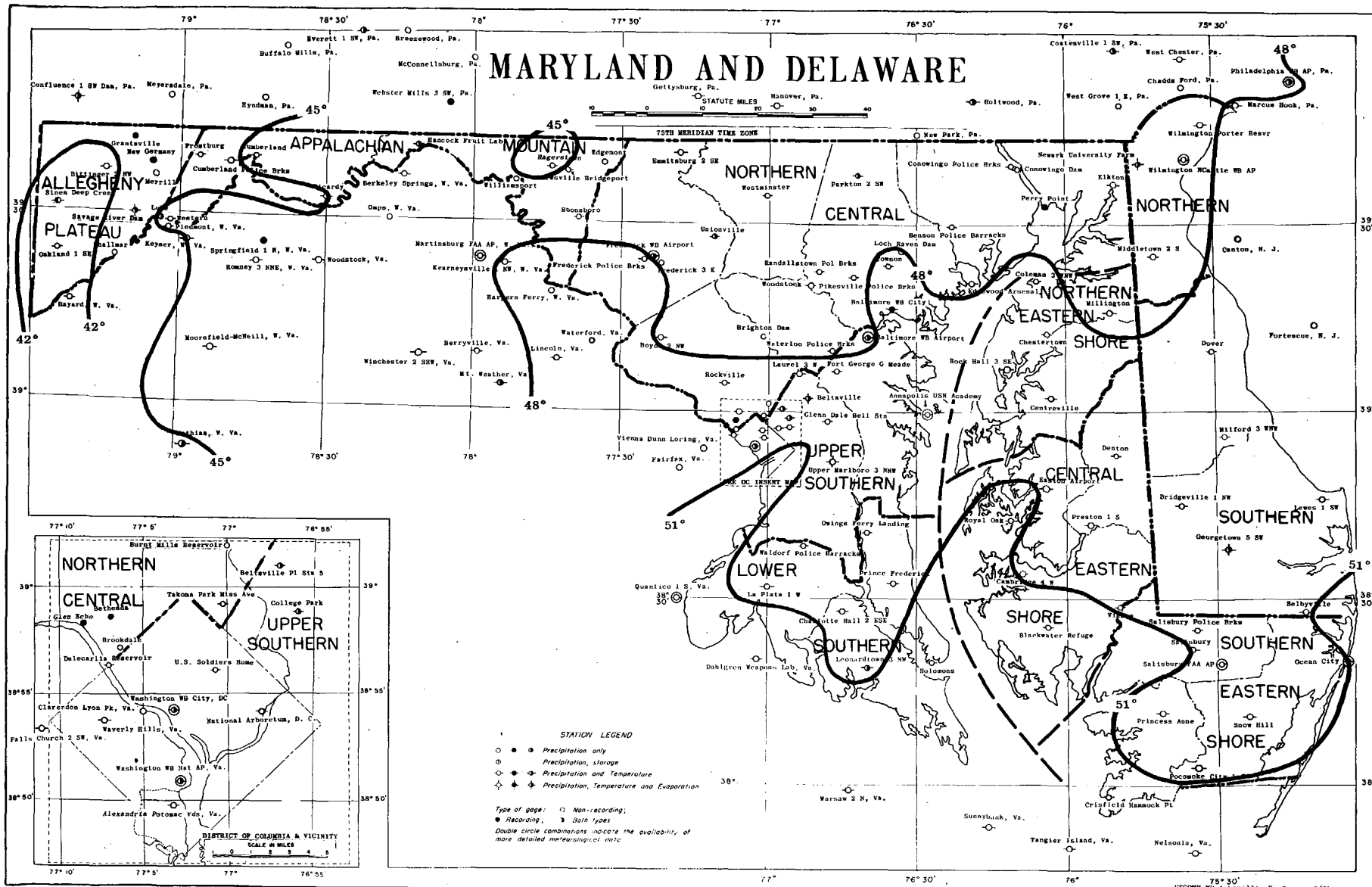
See reference notes following Station Index.

MARYLAND AND DELAWARE

TOTAL PRECIPITATION

MARYLAND AND DELAWARE
NOVEMBER 1961





Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

MARYLAND AND DELAWARE
NOVEMBER 1961

STATION		INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION		INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	STAY.	SPECIAL										TEMP.	PRECIP.	STAY.	SPECIAL		
MARYLAND													SALISBURY FAA AIRPORT		8005	WICOMICO	1	38 20	75 30	52	MID	MID			FED. AVIATION AGENCY	
ANAPOLIS U S N ACADEMY		0185	ANNE ARUNDEL	1	38 59	76 28	10	MID	MID			C	H	U.S. NAVY	8065	GARRETT	5	39 31	79 08	1495	8A	8A			UPPER POTOMAC RVR. COMM.	
BALTIMORE WB AIRPORT		0465	ANNE ARUNDEL	3	39 13	76 40	146	MID	MID			C	H	U.S. WEATHER BUREAU	8191	GARRETT	5	39 23	79 12	1700	8A	8A			CLARENCE B. KIMBLE	
BALTIMORE WB CITY		0470	BALTO CITY	3	39 17	76 37	14	MID	MID			C	H	U.S. WEATHER BUREAU	8315	GARRETT	7	39 31	79 25	2038	MID	7A			PA. ELECTRIC CO.	
BELTSVILLE		0703	PRINCE GEORGE	5	39 02	76 53	122	8A	8A			C	H	CHESTER H. GORDON	8380	WORCESTER	1	38 11	75 24	14	6P	6P			FRED W. SELLING	
BELTSVILLE PLANT STA 5		0705	PRINCE GEORGE	5	39 01	76 57	102	9A	9A			C	H	USDA PLANT IND. STA.												
BENSON POLICE BARRACKS		0732	HARFORD	1	39 30	76 23	365	5P	5P			C	H	MD. STATE POLICE	8405	CALVERT	1	38 19	76 27	12	6P	6P			CHESAPEAKE BIOL. LAB.	
BETHESDA		0795	MONTGOMERY	5	38 58	77 07	330	7P	7P			C	H	CORPS OF ENGINEERS	8725	MONTGOMERY	5	38 59	77 00	230	6P	6P			O. L. HARVEY	
BITTINGER 2 NW		0881	GARRETT	7	39 37	79 15	2700	7P	7P			C	H	ELBERT E. BUCKEL	8875	BALTIMORE	3	39 24	76 37	410	4P	4P			BALTIMORE COUNTY JAIL	
BLACKWATER REFUGE		0915	DORCHESTER	1	38 26	76 08	5	4P	4P			C	H	NAT. WILDLIFE REFUGE	9030	FREDERICK	5	39 27	77 11	430	6P	6P			G. P. VON EIFF, JR.	
BOONSBORO		0986	WASHINGTON	5	39 31	77 39	735	6P	6P			C	H	J. HOWARD BECKENBAUGH	9070	PRINCE GEORGE	4	38 52	76 47	98	9A	9A			TOBACCO EXP. FARM	
BOYDS 2 NW		1032	MONTGOMERY	5	39 12	77 20	580	6P	6P			C	H	RALPH F. STALEY	9140	DORCHESTER	1	38 29	75 50	12	6P	6P			ERN. SHORE PUB. SVC. CO.	
BRIGHTON DAM		1125	MONTGOMERY	4	39 12	77 01	350	8A	8A			C	H	WASH. SUB. SANY. COMM.	9195	CHARLES	5	38 39	76 53	210	5P	5P			MD. STATE POLICE	
BROOKDALE		1170	MONTGOMERY	5	38 57	77 06	260	7P	7P			C	H	WASH. SUB. SANY. COMM.	9314	HOWARD	3	39 10	76 47	230	5P	5P			MD. STATE POLICE	
BURN HILLS RESERVOIR		1278	MONTGOMERY	5	39 02	77 00	220	8A	8A			C	H	WASH. SUB. SANY. COMM.	9405	ALLEGANY	5	39 29	79 03	1000	6P	6P			MORRIS BRUCE	
CAMBRIDGE 4 W		1385	DORCHESTER	1	38 34	76 09	5	6P	6P			C	H	D ARCY MC B. HARDING	9435	CARROLL	1	39 35	77 00	770	6P	6P			H. J. MATHIAS	
CENTREVILLE		1427	QUEEN ANNES	1	39 03	76 03	46	6P	6P			C	H	ALEXANDER J. KNIGHT	9502	MONTGOMERY	5	39 04	77 02	330	5P	5P			PARK + PLANNING COMM.	
CHARLOTTE HALL 1 ESE		1686	ST MARYS	4	38 28	76 45	167	5P	5P			C	H	GREEN MANOR FARM	9570	WASHINGTON	5	39 37	77 51	360	7A	7A			HAGERSTOWN MTR. PLANT	
CHESTERTOWN		1750	KENT	1	39 13	76 04	35	11P	11P			C	H	T. W. ELLISON, JR.	9750	BALTIMORE	3	39 20	76 52	415	6P	6P			WOODSTOCK COLLEGE	
CHEMUNVILLE BRIDGEPORT		1780	WASHINGTON	5	39 38	77 41	560	5S	5S			C	H	D. PAUL OSWALD	2325		5	38 56	77 07	146	5P	5P			CORPS OF ENGINEERS	
COLEMAN 3 WNW		1980	KENT	1	39 21	76 08	78	6P	6P			C	H	U.S. GEO. SURVEY	6350		5	38 54	76 58	70	4P	4P			U.S. NAT. ARBORETUM	
COLLEGE PARK		1995	PRINCE GEORGE	5	38 59	76 56	70	5P	5P			C	H	U.S. GEO. SURVEY	9290		5	38 54	77 03	230	MID	MID			U.S. SOLDIERS HOME	
CONOWINGO DAM		2060	HARFORD	6	39 39	76 10	40	MID	MID			C	H	SUSQUEHANNA ELECTRIC CO.	9630		5	38 54	77 01	72	MID	MID			U.S. WEATHER BUREAU	
CONOWINGO POLICE BRKS		2065	HARFORD	6	39 39	76 11	195	5P	5P			C	H	MD. STATE POLICE		DELAWARE										
CRISFIELD HAMMOCK PT		2205	SOMERSET	5	37 58	75 52	7	5P	5P			C	H	GEORGE M. STARPLES, III	1330	SUSSEX	1	38 45	75 37	80	5P	5P			WILLIAM RAY	
CUMBERLAND		2280	ALLEGANY	5	39 39	78 45	945	6P	6P			C	H	R. R. GOLDEN	2730	KENT	2	39 09	75 31	25	4P	4P			H. STATE HIGHWAY DEPT.	
CUMBERLAND POLICE BRKS		2285	ALLEGANY	5	39 38	78 50	970	5P	5P			C	H	MD. STATE POLICE	3570	SUSSEX	1	38 38	75 28	45	5P	5P			UNIV. AGRI. EXP. STA.	
DENTON		2523	CAROLINE	1	38 53	75 50	20	6P	6P			C	H	JAMES K. COOPER	3820	SUSSEX	2	38 46	75 09	22	6P	6P			OTTO F. VOGL	
EASTON POLICE BARRACKS		2700	TALBOT	1	38 45	76 04	40	5P	5P			C	H	LEE G. HARNE	5895	NEW CASTLE	2	39 26	75 43	75	5P	5P			H. THOMAS T. DONOVAN	
EDGEWATER		2770	WASHINGTON	5	39 40	77 33	905	8A	8A			C	H	U.S. ARMY SIGNAL CORPS	5915	SUSSEX	2	38 56	75 29	52	5P	5P			RADIO STATION WASH	
EDGEWOOD ARSENAL		2795	HARFORD	1	39 21	76 19	10	MID	MID			C	H	H. W. BOUCHELLE	6410	NEW CASTLE	2	39 40	75 44	90	6P	6P			UNIV. OF DELAWARE	
ELKTON		2860	CECIL	1	39 36	75 50	28	6P	6P			C	H	MRS. LUCILLE K. HEALE	8269	SUSSEX	2	38 28	75 13	32	5P	5P			L. WIRRIE LONG	
EMMITTSBURG 2 SE		2906	FREDERICK	5	39 07	77 18	420	5P	5P			C	H	FILTRATION PLANT	9995	NEW CASTLE	2	39 40	75 36	710	MID	MID			U.S. WEATHER BUREAU	
FORT GEORGE G. MEADE		3230	ANNE ARUNDEL	4	39 06	76 45	140	5P	5P			C	H	MD. STATE POLICE	9605	NEW CASTLE	2	39 46	75 32	274	MID	MID			H. WATER DEPARTMENT	
FREDERICK POLICE BRKS		3348	FREDERICK	5	39 25	77 26	380	5P	5P			C	H	U.S. WEATHER BUREAU												
FREDERICK WB AIRPORT		3350	FREDERICK	5	39 25	77 23	294	MID	MID			C	H	MISS L. MARY STALEY	6670	WORCESTER	2	38 20	75 05	17	4P	4P			TOWN OF OCEAN CITY	
FREDERICK 3 E		3355	FREDERICK	5	39 24	77 22	385	8A	8A			C	H	C. R. SUTER, JR.	7272	MONTGOMERY	5	39 02	77 15	270	8A	8A			CITY OF POTOMAC	
FROSBURG		3410	ALLEGANY	5	39 39	78 56	2035	6P	6P			C	H	CORPS OF ENGINEERS												
GLENN ECHO		3645	MONTGOMERY	5	38 58	77 09	150	5P	5P			C	H	PLANT INTRO. GARDEN												
GLENN DALE BELL STA		3675	PRINCE GEORGE	4	38 58	76 48	151	4P	4P			C	H	MRS. FANNIE B. MILLER	6665	WORCESTER	2	38 20	75 05	17					EFFECTIVE 11/61	
GRANTSVILLE		3795	GARRETT	7	39 42	79 09	2380	8A	8A			C	H	HAGERSTOWN RESERVOIR												
HAGERSTOWN		3975	WASHINGTON	5	39 39	77 44	660	6P	6P			C	H	U. OF MD. FRUIT LAB.												
HANCOCK FRUIT LAB		4030	WASHINGTON	5	39 42	78 11	428	8A	8A			C	H	C. RUSSELL LEVERING												
LA PLATA 1 W		5080	CHARLES	5	38 32	77 00	140	5P	5P			C	H	WASH. SUB. SANY. COMM.												
LAUREL 3 W		5111	PRINCE GEORGE	4	39 06	76 54	400	5P	5P			C	H	RADIO STATION WKSV												
LEONARDTOWN 3 NW		5201	ST. MARYS	5	38 19	76 40	40	5P	5P			C	H	CITY OF BALTIMORE												
LOCH RAVEN DAM		5340	BALTIMORE	1	39 26	76 33	190	5P	5P			C	H	HOWARD T. MANGOLD												
LUKE		5530	ALLEGANY	5	39 28	79 04	1020	8A	8A			C	H	DELWOOD E. MERRILL												
MERRILL		5896	GARRETT	5	39 36	79 05	1790	8A	8A			C	H	LOUIS H. HOLLETT												
MILLINGTON		5985	KENT	1	39 16	75 51	30	6P	6P			C	H	ARCHIE BITTINGER												
NEW GERMANY		6408	GARRETT	5	39 38	79 07	2590	6P	6P			C	H	R. E. WEBER												
OAKLAND 1 SE		6620	GARRETT	7	39 24	79 24	2420	5P	5P			C	H	THOMAS J. BOURNE												
OWINGS PERRY LANDING		6770	CALVERT	4	38 42	76 41	120	7P	7P			C	H	JOHN R. FOX												
PARKTON 2 SW		6844	BALTIMORE	1	39 38	76 42	600	11P	11P			C	H	VETERANS ADMINISTRATION												
PERRY POINT		6980	CECIL	1	39 33	76 04	40	4P	4P			C	H	POTOMAC HLND. ORCHARD												
PICARDY		7010	ALLEGANY	5	39 33	78 30	1030	6P	6P			C	H	MD. STATE POLICE												
PIKESVILLE POL BRKS		7015	BALTIMORE	3	39 23	76 43	500	5P	5P			C	H	RADIO STATION WDMV												
POTOMACK CITY 1 S		7140	WORCESTER	1	38 03	75 34	20	5P	5P			C	H	FRANKLIN D. NUSSBAUM												
PRESTON 1 S		7310	CAROLINE	1	38 42	75 55	50	6P	6P			C	H	BOYD KING												
PRINCE FREDERICK		7325	CALVERT	1	38 32	76 35	140	5P	5P			C	H	TOWN OF PRINCESS ANNE												
PRINCESS ANNE		7330	SOMERSET	1	38 12	75 41	15	5P	5P			C	H	JOHN C. BRANCA												
ROCK HALL 3 SE		7700	KENT	1	39 07	76 12	10	6P	6P			C	H	U.S. POLICE												
ROCKVILLE		7705	MONTGOMERY	5	39 05	77 09	436	4P	4P			C	H	J. L. SWAIN, JR.												
ROYAL OAK		7804	TALBOT	1	38 43	76 11	10	5P	5P			C	H	CITY OF SALISBURY												
SALISBURY		8000	WICOMICO	1	38 22	75 35	10	5P	5P			C	H	MD. STATE POLICE												
SALISBURY POLICE BRKS		8003	WICOMICO	1	38 29	75 34	42	5P	5P			C	H													

1-CHESAPEAKE; 2-COASTAL; 3-PATAPSCO; 4-PATUXENT; 5-POTOMAC; 6-SUSQUEHANNA; 7-YOUGHIOGHENY

REFERENCE NOTES

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Friendship International Airport, Baltimore, Maryland, or to any Weather Bureau Office near you.

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

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

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

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for October 1956.

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.

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.

Long-term means for full-time stations (Those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- 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.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

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 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

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 25, D. C.