



CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

NOVEMBER 1968

Volume 72 No. 11

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			
										80° or Above	70° or Above	50° or Above	30° or Above					Total	Total	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
MARYLAND																								
* * * SOUTHERN EASTERN SHORE 01																								
ASSATEAGUE STATE PARK	58.4	44.6	51.5		71	28	29	21	400	0	0	1	0	2.66		1.16	10	.0	0		4	3	1	0
CRISFIELD SOMERS CDVE	57.6	45.3	51.5	.3	72	2	34	21	400	0	0	0	0	2.46	-.78	.95	10	.0	0		4	3	1	0
POCOMOKE CITY 1 S	60.0	40.4	50.2		79	2	20	21	443	0	0	6	0	2.80		1.16	12	.0	0		5	3	1	1
PRINCESS ANNE																								
SALISBURY	60.3	41.6	51.0		80	2	28	21	412	0	0	3	0	3.17	-.04	1.23	10	.0	0		5	3	1	1
SALISBURY FAA AIRPORT	58.1	40.4	49.3		80	2	25	21	466	0	0	7	0	2.81		.90	12	.0	0		4	3	0	0
SNOW HILL 4 N	59.6	40.6	50.1	1.7	80	2	22	21	439	0	0	7	0	3.18	-.37	1.40	12	.0	0		4	3	0	2
DIVISION																								
			50.6	1.5										2.85	-.46			.0						
* * * CENTRAL EASTERN SHORE 02																								
BLACKWATER REFUGE	59.3	41.6	50.5		73	2	27	23	428	0	0	7	0	3.65		1.30	12+	T	0		6	2	2	2
CAMBRIDGE 4 W	59.0	41.4	50.2		79	2	26	23	439	0	0	3	0	3.52		1.26	12	.0	0		7	2	2	2
DENTON 1 WNW	58.6	41.1M	49.9M		78	2	27	23+	439	0	0	4	0	4.45		1.53	12	T	0		7	2	2	2
EASTON POLICE BARRACKS	59.7	42.4	51.1	3.2	78	2	29	23	412	0	0	3	0	4.10	.57	1.28	12	T	0		9	2	2	2
PRESTON 1 S	58.1	40.7	49.4		77	2	27	23+	461	0	0	5	0	3.28		1.25	10	.0	0		7	2	2	2
ROYAL OAK	58.2	42.0	50.1		78	2	29	23	440	0	0	2	0	4.43		1.61	12	T	0		7	2	2	2
VIENNA	59.8	43.0	51.4		81	2	28	21	401	0	0	2	0	3.56		1.28	10	.0	0		7	2	2	2
DIVISION																								
			50.4	2.1										3.86	.32			T						
* * * LOWER SOUTHERN 03																								
CHARLOTTE HALL SCHOOL																								
LA PLATA 1 W	59.3	39.1	49.2		82	2	22	21	465	0	0	10	0	3.67		1.24	12	T	T	12+	7	2	2	2
LEONARDTOWN 3 NW																								
OWINGS FERRY LANDING	58.1	39.7	48.9	.7	79	2	28	23+	475	0	0	8	0	3.86	.63	1.67	12	T	0		7	2	1	1
PRINCE FREDERICK																								
SOLOMONS																								
WALDRUP POLICE BRKS	60.0	38.4	49.2		81	2	21	21	468	0	0	10	0	4.89	1.56	2.74	12	.0	0		6	2	2	2
														4.35		1.55	12	T	T	12	8	2	2	2
DIVISION																								
			49.1	.8										4.19	.96			T						
* * * UPPER SOUTHERN 04																								
ANNAPOLIS	56.4	40.8	48.6	.5	77	2	26	21	486	0	0	5	0	4.50	1.72	1.85	12	.0	0		8	2	2	2
BALTIMORE WB AIRPORT	56.0	40.3	48.2	2.7	78	2	24	21	500	0	0	6	0	3.85	.72	1.24	12	4.3	T	13+	9	3	1	1
BELTSVILLE	56.9M	37.4M	47.2M		76	3	25	23+	519	0	0	0	0	3.88				T	0					
BELTSVILLE PLANT STA 5	56.3	38.0	47.2		77	3	25	26	532	0	0	12	0	4.08		1.00	12	T	T	12+	10	3	1	1
COLLEGE PARK	57.6	40.0	48.8	2.2	78	2	27	23	479	0	0	6	0	4.23	1.14	1.40	12	T	0		8	4	1	1
DALECARLIA RESVR D C	59.3	38.7	49.0		79	2	26	21	470	0	0	11	0	4.54		1.50	12	T	0		9	3	1	1
FORT GEORGE G MEADE	57.6	38.0	47.8		76	2	24	21	509	0	0	13	0	4.20		1.48	12	1.0	T	12	7	3	1	1
GLENN DALE BELL STA	59.6M	37.1M	48.4M	2.5	78	2	23	14	482	0	0	0	0	3.89	.67	1.43	12	2.0	T	12	6	2	1	1
LAUREL 3 W	56.0	40.4	48.2		76	2	27	21	497	0	0	7	0	3.22		.68	12				8	2	0	0
NATIONAL ARBORETUM D C	59.2	41.5	50.4		79	2	29	21	430	0	0	3	0	4.11		1.41	12	T	0		7	3	1	1
SUITLAND	56.3	39.5	47.9		77	3	27	21	507	0	0	6	0	3.72		1.30	12	.0	0		9	2	1	1
U. S. SOLDIERS HOME DC	56.7	40.1	48.4		76	2	26	21	494	0	0	8	0	4.27		1.35	12	2.0	T	12	9	4	1	1
UPPER MARLBOR 3 NWN	57.9	39.0	48.5		79	3	24	21	488	0	0	9	0	4.40		1.09	12	T	0		11	4	1	1
DIVISION																								
			48.4	1.7										4.07	1.01			.8						
* * * NORTHERN EASTERN SHORE 05																								
CENTREVILLE	57.5	41.2	49.4		77	2	27	23	461	0	0	4	0	3.86		1.38	12	T	0		6	2	2	2
CHESTERTOWN	56.3	40.3	48.3		78	2	27	21	492	0	0	5	0	3.68		1.15	12	T	0		10	2	1	1
COLEMAN 3 WNW	56.2	40.7	48.5	.5	77	2	28	21	486	0	0	2	0	4.45	1.04	1.18	10	T	0		8	3	2	2
EASTERN NECK ISLAND	57.1M	41.6M	49.4M		75	2	28	21	472	0	0	4	0	4.24		1.40	12	1.0	T	0		8	3	2
HILLINGTON	56.8	39.3	48.1	1.0	77	2	25	23+	501	0	0	5	0	4.25	.75	1.70	12	.0	0		8	3	2	2
DIVISION																								
			48.7	1.1										4.10	.76			.2						
* * * NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	54.7	39.7	47.2		77	2	25	21	527	0	0	6	0	3.59		1.21	10	.0	0		6	3	1	1
BALTIMORE WB CITY	57.1	44.4	50.8	2.0	79	2	31	21	424	0	0	1	0	3.98	.88	1.29	12				10	3	1	1
BENSON POLICE BARRACKS	55.6	37.7	46.7		77	2	22	21	544	0	0	12	0	3.60		.83	10	T	T	12	8	3	0	0
BOYDS 2 NW	53.7	38.6	46.2		75	2	24	21	558	0	0	10	0	3.27		.72	7	6.5	T	5	12	8	4	0
CATOCTIN MOUNTAIN PARK	49.3M	35.7M	42.5M		69	2+	20	21	662	0	1	0	0	5.79		1.68	12	21.5	T	17	12	8	5	2
CLARKSVILLE 3 NNE	55.2	36.1	45.7		75	2	19	21	573	0	0	15	0	4.45		1.30	12	.0	0		3	12	4	2
CONDOWINGO DAM	52.8	37.9	45.4		74	2	24	21	579	0	0	7	0	4.00		1.04	12	5.0	T	0		4	3	1
ELKTON	56.1	38.6	47.4	2.0	77	2	26	23+	522	0	0	5	0	3.38	1.83	1.82	18	T	0		0	8	3	3
EMMITSBURG 2 SE	53.4	35.1	44.3		73	2	23	25+	613	0	0	14	0	4.63		1.45	12	7.0	T	5	12	7	2	2
FREDERICK WFMD	52.5	39.1	45.8	1.6	73	2	26	21	570	0	0	11	0	3.34	.41	1.14	18	4.0	T	4	12	4	3	2
PARKTON 2 SW	51.7	34.4	43.1		74	2	20	21	651	0	0	14	0	4.88		1.75	12	10.5	T	7	12	6	3	2
ROCKVILLE	56.3M	36.5M	46.4M		75	3	24	14	552	0	0	0	0	3.53		1.50	12	3.0	T	3	12	6	2	1

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 126

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
NOVEMBER 1968

Continued

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.30 or More	1.00 or More
										50° or Above	60° or More	30° or Below	40° or Below										
TOWSON	55.0	39.4	47.2		75	2	25	21	527	0	0	7	0	4.10	.69	1.15	12	1.0	0		7	3	3
UNIONVILLE	52.8	35.5	44.2		73	2	20	21	614	0	0	14	0	4.76		1.74	10	5.5	4	12	4	2	4
WESTMINSTER 2 SSE	52.0	37.1	44.6	-.1	73	2	24	21	608	0	0	11	0	4.63	1.34	.88	8	14.0	8	13	9	5	0
WHEATON REGIONAL PARK	56.6	37.4	47.0		76	2	24	21	532	0	0	11	0	3.26		1.08	12	5.0	1	12	7	2	1
WOODSTOCK	55.4M	37.2M	46.3M	1.8	75	2	22	21	554	0	0	12	0	4.60	1.51	1.80	12	4.0	4	12	9	2	1
DIVISION			45.9	.8										4.22	.99			5.4					
* * *																							
APPALACHIAN MOUNTAIN 07																							
BOONSBORO	52.0	39.9	46.0		72	2+	26	14	566	0	0	6	0	4.43		1.81	12	14.3	13	12	8	3	1
CHEWSVILLE BRIDGEPORT	53.2	37.8	45.5	1.9	74	2	25	21	580	0	0	10	0	3.39	.77	.93	12	8.0	8	12	6	3	0
CUMBERLAND	53.8	37.1	45.5		78	1	27	14+	581	0	0	12	0	3.30		.78	8	4.0	3	13	8	3	0
CUMBERLAND POLICE BRKS																							
FROSTBURG	49.3	35.5	42.4	.7	70	1	21	21	669	0	2	12	0	4.80	2.19	1.56	7	24.6	17	12	7	3	2
HAGERSTOWN	52.2	38.2	45.2		75	2	25	21	584	0	0	8	0	4.55		1.73	12	6.0	6	12	6	3	2
HANCOCK FRUIT LAB	52.2	37.6	44.9		75	2	23	23	595	0	0	9	0	3.10	.55	.75	12	6.3	2	13+	7	3	0
PICARDY	53.4	37.5	45.5		78	1	25	21+	579	0	0	10	0	4.60		2.57	12	15.0	15	12	5	3	1
WESTERNPORT	54.0	37.8	45.9	1.4	76	1	26	26+	567	0	0	9	0	2.62	.34	1.06	7	6.0	0		4	2	1
WESTERNPORT UPRC	54.3M	36.5M	45.4M		75	1	26	26+	578	0	0	9	0	2.95		1.23	12	3.0	0		4	3	1
DIVISION			45.1	1.5										3.75	1.19			9.7					
* * *																							
ALLEGHENY PLATEAU 08																							
BITTINGER 2 NW	46.1	32.1	39.1		65	1	17	21	770	0	4	16	0	5.48		1.08	7	17.7	12	13	10	5	1
DAKLAND 1 SE	48.8	33.3	41.1	1.8	69	1	20	21+	711	0	3	15	0	4.35	1.21	.92	7	16.6	10	13+	9	4	0
SAVAGE RIVER DAM	49.9	34.4	42.2		72	2	24	21+	677	0	1	14	0	3.44		.93	12	12.0	6	12	6	3	0
SINES DEEP CREEK 2	48.6M	31.9M	40.3M	2.2	69	1	15	14	734	0	1	15	0	4.79	1.72	1.10	8	14.0	11	13	10	3	2
DIVISION			40.7	2.1										4.52	1.54			15.1					
DELAWARE																							
* * *																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	57.0	38.6	47.8		73	2	25	21	509	0	0	10	0	4.16		1.29	10	.0	0		8	2	2
NEWARK UNIVERSITY FARM	55.4	38.5	47.0		75	2	25	21	532	0	0	7	0	3.54		1.11	10	T	T		9	2	1
WILMGTN NCASTLE WB AP	54.8	39.2	47.0	1.6	76	2	27	21	532	0	0	6	0	3.92	.39	.95	10	T	T	10	8	4	0
WILMGTN PORTER RESVR	52.7	38.5	45.6		74	2	27	21	574	0	0	6	0	4.17	.50	1.03	10	T	T		9	3	1
DIVISION			46.9	.9										3.95	.47			T					
* * *																							
SOUTHERN 02																							
BRIDGEVILLE 1 NW	58.6	40.7	49.7	2.2	77	2	26	21	453	0	0	6	0	4.37	1.16	1.95	12	T	0		6	2	2
DOVER																							
GEORGETOWN 5 SW	58.2	39.3	48.8		78	3	24	21	480	0	0	8	0	3.00		1.13	12	.0	0		6	2	2
LEWES 1 SW	58.0	41.7	49.9		80	2	28	23	444	0	0	3	0	2.88		.82	10	T	T		5	2	0
MILFORD 2 WSW	58.2	40.1	49.2		79	2	26	23+	466	0	0	6	0	3.90		1.35	10	.0	0		6	2	2
SELBYVILLE	59.3	41.6	50.5		80	2	26	23+	429	0	0	5	0	2.86		1.19	10	.0	0		4	2	2
DIVISION			49.6	1.7										3.40	-.17			T					

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 82° ON THE 20 AT LA PLATA 1 W, MD.

LOWEST TEMPERATURE: 15° ON THE 14TH AT SINES DEEP CREEK 2, MD.

GREATEST TOTAL PRECIPITATION: 5.79D INCHES AT CATOCTIN MOUNTAIN PARK, MD.

LEAST TOTAL PRECIPITATION: 2.27 INCHES AT POTOMAC FILTER PLANT, MD.

GREATEST ONE-DAY PRECIPITATION: 2.74 INCHES ON THE 12TH AT SOLOMONS, MD.

GREATEST REPORTED TOTAL SNOWFALL: 24.6 INCHES AT FROSTBURG, MD.

GREATEST REPORTED DEPTH OF SNOW ON GROUND: 17 INCHES ON THE 12TH AT 2 STATIONS, MD.

See Reference Notes Following Station Index

DAILY PRECIPITATION

Continued

MARYLAND AND DELAWARE
NOVEMBER 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	4.16			.10			.25	.36		1.29	1.27		.04						.37							.36		T	.12				
NEWARK UNIVERSITY FARM	3.54			.09	.12		.39	.34		1.11		.47							T	.60	.13					.18		T	.11				
WILMINGTON NCASLE WB AP	3.92			.04	.08	T	.99	.22	.17	.95	.04	.80						T	.05	.70					.16		T	.12	T				
WILMINGTON PORTER RESVR	4.17			T	.01	T	.41	.29	.19	1.03	.19	.92						T	.04	.73					.14	.01		.17	.04				
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	4.37						.20	.30		1.32	.01	1.95					T	T	.23	.28	T					.06		T	.02				
DOVER																																	
GEDRGETOWN 5 SW	3.00						.15	.10		1.04	.10	1.13		.08																			.04
LEWES 1 SW	2.88						.29	T	.38	.82	.81							T	.01	.46	.01								.08	.02			.04
MILFORD 2 WSW	3.90						.25	.16	T	1.35	.02	1.26	T				.03	.02	.33	.35						.09	T	.04				T	
SELBYVILLE	2.86						.08	.19		1.19		1.04								.08	.28												T

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME				Trace	01-09	10-49	50-99	100-199	200 and over			Total
							1 AM	7 AM	1 PM	7 PM									
WILMINGTON NCASLE WB AP DEL	29	3.5	10.9	35++	4	12	72	74	59	67	6	4	4	4	0	0	18	-	7.8
BALTIMORE WB AIRPORT MD	29	3.8	9.6	35	W	29+	69	73	54	63	4	3	6	2	1	0	16	32	7.6

SPECIAL WEATHER SUMMARY

November 1968 was a warm and wet month as monthly temperatures averaged generally 1° to 3° above normal and precipitation was mostly 1.0 to 2.5 inches above normal. Only along the coastal areas of Maryland's southern Eastern Shore and of southeastern Delaware was the precipitation slightly below normal. Snowfall was much above normal in north-central and western Maryland, and some monthly totals were recordbreaking, such as at Westminster (14.0 inches) and at Frostburg (24.6 inches).

The storm of November 11-12, moving northward along the Atlantic coast, brought unusually strong gusty winds to the two-state area and, in particular, to the southern half of Maryland's Eastern Shore and southern Delaware. The highest wind speed was reported at Indian River Inlet, Delaware, where the 1-minute wind reached an estimated 80 m.p.h. at 3:30 a.m. on the 12th and gusts were noted to 92 m.p.h. Tides were reported about 4 to 5 feet above normal. The storm brought heavy snowfall to north-central and western Maryland, where it was one of the

heaviest early season snowfalls on record. Elsewhere, the precipitation was in the form of rain or mixed rain and snow. Heavy snowfalls on the 12th included such totals as 17.0 inches at Catoctin Mountain Park, 16.7 inches at Frostburg, and 15.0 inches at Picardy. Damage in the eastern areas was mainly from wind during the early morning hours of the 12th. Trees and utility poles and lines were downed; trailers overturned; buildings and shipping, including pleasure boats, damaged. In north-central and western Maryland, the damage resulted from a combination of snow and wind. The Potomac Edison Company reported that this storm caused greatest damage in company history.* One factor making this a damaging storm was that trees were still in leaf which allowed snow to build up to such proportions that they toppled, carrying lines and poles with them. Total storm damage was likely to approach \$2 million.

*Potomac Edison News, Vol. 44, No. 11, November 1968

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DAILY TEMPERATURES

MARYLAND AND DELAWARE
NOVEMBER 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																																	
ASSATEAGUE STATE PARK	MAX	59	68	65	60	60	57	69	64	58	55	52	49	46	53	60	60	61	60	60	46	45	62	53	60	57	53	62	71	70	53		
	MIN	41	54	55	52	56	55	54	48	45	42	36	38	34	34	43	48	53	52	42	34	29	37	49	51	43	35	45	49	42	42		
CRISFIELD SOMERS COVE	MAX	64	72	68	64	65	62	61	59	57	48	49	54	45	51	57	57	56	63	60	47	44	60	58	58	58	50	55	62	66	57		
	MIN	42	51	52	52	55	53	52	52	45	40	41	38	36	41	44	49	51	50	41	37	34	40	36	48	45	41	45	50	55	44		
POCOHOCKE CITY 1 S	MAX	67	79	77	71	60	58	65	60	55	47	52	56	45	53	56	60	66	69	64	46	43	58	60	67	64	52	58	67	70	54		
	MIN	51	57	60	42	47	45	49	38	34	39	27	35	32	34	41	44	50	51	42	35	20	28	23	43	41	23	42	44	54	41		
PRINCESS ANNE	MAX																																
	MIN																																
SALISBURY	MAX	63	80	76	66	64	60	60	59	54	49	54	57	47	53	66	61	61	68	65	46	43	62	60	67	62	54	61	66	70	54		
	MIN	33	47	47	49	53	49	51	49	38	40	33	36	33	35	43	52	53	52	42	33	28	34	29	46	42	31	40	47	37	42		
SALISBURY FAA AIRPORT	MAX	72	80	77	60	62	58	64	56	49	45	51	55	45	51	66	61	60	68	47	44	43	60	58	66	51	53	60	67	69	45		
	MIN	30	46	45	48	52	46	51	45	36	37	32	36	36	35	44	52	52	47	35	32	25	31	27	46	37	28	47	50	44	39		
SNOW HILL 4 N	MAX	73	80	75	60	60	59	64	58	55	47	53	57	45	52	66	61	63	65	60	44	45	61	57	67	59	54	60	65	70	52		
	MIN	30	45	45	48	55	52	52	43	35	40	31	36	35	32	43	48	53	52	42	33	22	30	26	41	42	29	39	46	52	40		
* * *																																	
CENTRAL EASTERN SHORE 02																																	
BLACKWATER REFUGE	MAX	70	73	66	62	66	63	62	58	55	49	52	50	55	53	62	62	58	64	64	45	46	63	62	62	57	54	61	63	69	54		
	MIN	32	47	45	47	53	56	52	48	39	38	30	31	33	32	45	51	52	51	42	34	29	37	27	44	41	29	42	47	54	40		
CAMBRIDGE 4 W	MAX	70	79	74	60	64	60	62	58	52	46	53	49	45	53	54	63	57	64	54	44	43	61	61	63	58	55	56	68	78	55		
	MIN	33	45	44	46	53	53	51	48	42	38	35	33	30	37	44	51	40	50	42	34	30	34	26	45	43	35	42	47	49	41		
DENTON 1 WNW	MAX	70	78	74	58	64	57	59	59	56	47	51	47	43	50	65	66	55	65	63	45	43	60	59	64	58	53	60	65	68	55		
	MIN	31	49	43	49	50	52	50	55	36	37	32	34	36	37	42	50	48	50	36	33	27	35	27	42	36	33	43	47	47	40		
EASTON POLICE BARRACKS	MAX	70	78	77	60	63	77	60	60	54	47	52	49	55	52	64	62	63	64	62	44	44	61	60	63	59	55	57	62	64	53		
	MIN	35	53	46	50	51	54	53	48	40	37	31	34	34	37	43	49	50	50	41	35	30	36	29	45	41	33	41	49	52	43		
PRESTON 1 S	MAX	71	77	74	59	64	58	60	56	52	46	52	48	46	51	63	63	54	65	63	44	43	60	60	62	58	53	58	64	67	52		
	MIN	32	48	44	50	51	52	50	47	36	38	32	34	34	35	44	50	50	50	39	34	27	34	27	43	38	31	39	47	51	35		
ROYAL OAK	MAX	68	78	74	59	63	58	62	58	53	46	53	47	46	52	64	65	58	63	61	44	43	61	59	63	59	54	56	61	66	52		
	MIN	36	48	45	48	50	52	51	48	41	37	33	35	35	37	44	51	48	49	41	35	30	38	29	43	41	35	40	46	52	43		
VIENNA	MAX	70	81	76	61	66	66	64	58	55	49	54	53	47	52	62	62	58	58	63	44	44	63	63	64	58	55	63	65	69	52		
	MIN	34	48	46	48	54	54	55	49	48	39	35	35	35	36	46	49	52	52	41	33	28	38	29	49	41	33	43	49	50	42		
* * *																																	
LOWER SOUTHERN 03																																	
CHARLOTTE HALL SCHOOL	MAX																																
	MIN																																
LA PLATA 1 W	MAX	72	82	78	61	66	60	56	58	50	45	52	45	47	55	70	66	57	64	51	45	46	65	63	68	63	58	56	61	68	51		
	MIN	33	44	46	46	53	52	50	47	32	33	27	32	34	25	43	52	50	51	37	27	22	32	26	37	31	25	47	47	51	42		
LEONARDTOWN 3 NW	MAX																																
	MIN																																
OWINGS FERRY LANDING	MAX	73	79	71	62	62	57	58	56	50	45	49	46	43	53	67	66	56	65	55	44	44	61	61	66	61	56	57	61	68	52		
	MIN	32	53	48	46	50	50	50	46	35	32	30	31	33	30	41	50	45	47	38	28	28	34	28	41	37	35	37	48	50	39		
PRINCE FREDERICK	MAX																																
	MIN																																
SOLOMONS	MAX																																
	MIN																																
WALDORF POLICE BRKS	MAX	74	81	76	62	67	58	57	58	51	45	50	46	44	54	68	67	63	64	69	44	45	63	62	66	66	58	58	62	69	53		
	MIN	31	43	43	47	54	53	51	46	33	33	29	32	34	26	41	50	47	49	39	26	21	29	26	38	31	25	34	47	51	42		
* * *																																	
UPPER SOUTHERN 04																																	
ANNAPOLIS	MAX	65	77	68	57	58	57	57	55	49	45	51	47	45	52	61	66	55	59	52	44	44	60	58	66	57	52	58	58	68	50		
	MIN	35	47	50	50	52	53	52	48	37	35	32	33	33	29	44	50	46	49	37	33	26	36	30	38	38	30	44	47	49	42		
BALTIMORE WB AIRPORT	MAX	71	78	67	55	58	56	56	56	47	44	49	43	43	52	65	65	52	61	47	42	44	59	58	67	52	53	58	67	68	46		
	MIN	34	47	50	51	53	53	50	43	37	32	33	33	35	31	45	50	48	47	34	31	24	34	29	34	38	31	48	47	46	40		
BELTSVILLE	MAX	57	72	76	69	58	57	55	56	56	46	50	50	38	43	53	65	67	57	64	47	43	44	60	60	64	51	54	58	68	61		
	MIN	29	47	46	45	46	51	50	48	34	33	28	30	31	27	34	44	46	46	33	32	25	31	25	28	32	26	35	45	47	41		
BELTSVILLE PLANT STA 5	MAX	57	70	77	69	55	58	55	56	55	46	44	49	40	43	52	65	67	58	64	46	42	45	61	60	64	64	51	55	57	67	60	
	MIN	31	42	47	51	52	52	51	46	34	33	28	33	32	27	40	44	47	50	32	32	26	28	26	32	32	25	33	44	48	41		
COLLEGE PARK	MAX	70	78	71	59	58	58	56	56	52	46	50	47	44	52	65	65	60	64	54	44	44	61	60	64	64	55	58	56	68	51		
	MIN	32	44	48	51	52	52	51	48	36	33	29	33	34	31	44	48	47	51	36	33	29	33	27	33	34	29	40	48	51	42		
DALECARLIA RESVR D C	MAX	70	79	70	59	59	58	58	56	50	47	50	49	43	54	65	68	64	65	64	61	45	62	61	66	64	58	55	58	69	52		
	MIN	33	44	48	43	53	49	49	48	31	32	28	32	32	29	42	41	47	51	35	32	26	30	28	36	33	29	45	43	52	38		
FDRT GEORGE G MEADE	MAX	70	76	69	59	59	58	57	57	50	43	50	46	44	53	62	68	59	64	58	43	43	62	59	66	61	55	59	58	68	51		
	MIN	30	42	46	50	51	54	43	48	29	32	27	32	32	30	43	48	46	41	32	32	24	34	26	32	34	29	40	40	50	42		
GLENN DALE BELL STA	MAX	72	78	77	61	57	57	56	56	52	46	50	46	43	53	66	67	61	64	64	45	44	63	62	67	66	57	57	68	68	53		
	MIN	37	40	41	47	49	48	46	46	28	30	30	30	30	23	39	47	43	47	28	29	24	29	25	32	31	25	39	41	52	41		
LAUREL 3 W	MAX	70	76	68	54	57	56	55	54	47	44	48	47																				

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NOVEMBER 1966

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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 MIN	71 33	79 46	74 52	61 52	59 52	59 52	57 51	57 47	52 35	46 33	51 31	47 33	44 35	54 33	65 44	67 51	64 49	65 33	65 38	48 33	44 29	62 39	62 31	65 43	63 38	58 34	57 38	58 46	69 52	53 43	59.2 41.5	
SUITLAND	MAX MIN	56 37	72 41	77 49	71 50	55 51	57 52	55 51	56 45	57 38	54 32	43 32	48 29	37 29	41 29	51 43	64 48	65 46	57 46	64 38	46 31	41 27	43 29	60 34	60 35	65 55	52 37	55 34	55 47	69 48	62 42	56.3 39.5	
U. S. SOLDIERS HOME DC	MAX MIN	66 41	76 53	68 55	56 50	60 51	56 52	54 50	58 40	46 36	44 32	50 32	49 29	45 29	55 43	65 48	66 48	54 46	65 45	49 33	46 28	44 26	63 34	61 37	64 44	55 35	57 32	56 41	65 46	46 37	56.7 40.1		
UPPER MARLBORO 3 NNW	MAX MIN	58 30	72 38	79 44	73 48	64 52	58 51	59 51	58 47	57 32	47 33	43 30	50 32	42 33	44 31	53 41	66 49	68 48	58 49	65 38	44 31	41 24	42 33	63 25	62 36	66 34	57 27	58 40	57 46	70 55	63 42	57.9 39.0	
* * *																																	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX MIN	70 30	77 46	72 45	59 48	61 51	58 52	58 51	56 48	52 39	47 36	53 31	47 34	45 34	51 33	64 42	65 50	52 45	65 51	63 40	44 34	42 30	59 37	59 27	63 40	53 40	52 36	58 43	66 47	65 52	52 42	57.5 41.2	
CHESTERTOWN	MAX MIN	69 35	78 49	68 56	56 49	58 51	55 51	57 48	57 45	48 38	40 36	53 43	45 36	53 35	66 46	62 52	62 45	62 43	51 38	45 37	44 27	59 30	59 40	63 40	54 38	51 35	57 48	65 45	65 46	46 39	56.3 40.3		
COLEMAN 3 NNW	MAX MIN	66 35	77 47	69 49	56 47	66 50	56 45	56 49	54 47	51 36	45 35	49 35	47 34	40 33	50 34	62 41	63 48	57 43	62 45	62 38	43 34	44 28	58 37	57 32	61 38	56 39	49 36	56 41	58 46	52 41	56.2 40.7		
EASTERN NECK ISLAND	MAX MIN	64 37	75 49	67 49	60 50	60 52	57 52	57 49	57 45	54 45	50 35	53 43	59 34	45 35	50 37	60 43	62 46	60 48	60 48	62 41	46 35	40 28	57 32	56 31	59 36	56 32	50 42	59 46	63 44	62 44	57.1 41.6		
HILLINGTON	MAX MIN	70 29	77 44	69 44	60 48	60 50	56 50	57 50	51 47	50 36	47 35	50 30	46 33	45 34	50 31	65 41	64 47	53 45	63 48	62 36	42 33	42 25	58 33	58 25	65 37	52 38	50 34	58 37	65 47	66 51	52 41	56.8 39.3	
* * *																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX MIN	67 33	77 44	71 41	55 47	56 52	55 51	54 51	54 48	50 40	46 35	50 32	45 34	43 35	48 31	60 31	61 44	49 45	60 48	58 39	42 34	40 25	58 35	54 31	60 41	56 38	50 32	57 39	64 41	51 41	64 42	51 42	54.7 39.7
BALTIMORE WB CITY	MAX MIN	69 43	79 56	66 57	57 52	59 54	58 54	56 50	57 47	48 41	44 36	50 40	44 35	46 37	52 38	64 48	68 50	52 48	62 49	49 38	43 35	46 31	63 40	58 42	68 44	55 42	56 38	60 49	64 50	71 48	48 42	57.1 44.4	
BENSON POLICE BARRACKS	MAX MIN	68 29	77 43	73 49	57 45	55 49	55 50	54 48	55 45	51 35	48 32	47 32	44 32	42 31	48 29	61 39	62 45	57 42	58 43	58 32	42 22	43 27	58 27	57 27	62 37	59 33	51 31	56 35	54 45	66 50	50 40	55.6 37.7	
BOYDS 2 NW	MAX MIN	70 38	75 51	68 50	54 47	55 48	54 49	54 48	53 45	46 34	41 32	46 30	46 31	40 31	46 28	60 39	50 46	54 45	65 46	49 34	40 24	39 24	58 32	58 33	65 36	48 30	53 32	57 40	56 46	47 37	53.7 38.6		
CATOCTIN MOUNTAIN PARK	MAX MIN	69 37	69 56	61 48	51 42	50 45	50 45	48 45	47 40	42 32	42 30	41 27	37 28	25 25	39 34	50 40	47 40	45 37	49 42	47 29	32 25	41 20	51 33	61 41	45 28	51 30	50 30	53 42	57 45	54 33	49.3 35.7		
CLARKSVILLE 3 NNE	MAX MIN	71 27	75 40	69 44	57 45	57 45	55 50	54 49	53 47	47 32	44 32	47 25	45 32	40 31	49 39	63 39	63 47	55 45	62 47	56 31	41 19	42 22	59 24	57 22	66 30	54 32	53 26	52 36	67 48	48 40	55.2 36.1		
CONDWINGO DAM	MAX MIN	62 32	74 43	57 46	55 46	56 51	57 50	54 48	54 43	46 39	43 33	47 33	43 34	48 36	54 39	56 45	48 42	59 44	47 33	42 31	43 24	58 29	52 28	59 34	49 34	47 29	57 34	63 44	63 46	47 37	52.8 37.9		
ELKTON	MAX MIN	68 30	77 42	70 45	55 46	57 52	55 50	54 48	54 46	49 38	46 35	48 36	46 33	48 34	51 29	63 39	60 46	52 43	62 45	57 35	43 26	44 26	60 33	57 26	63 35	57 37	50 32	58 33	65 45	58 41	56.1 38.6		
EMMITSBURG 2 SE	MAX MIN	67 25	73 43	68 43	55 40	54 47	53 48	51 44	46 32	46 32	45 25	43 31	48 31	48 31	55 36	62 40	57 42	49 40	59 42	51 32	38 23	42 28	58 36	56 23	63 28	60 23	49 26	55 38	62 45	48 37	53.4 35.1		
FREDERICK WFMD	MAX MIN	68 30	73 50	61 49	56 45	53 49	53 50	52 48	46 36	46 32	44 32	45 32	45 32	38 31	46 31	56 44	49 36	58 44	58 47	50 33	39 26	40 26	60 32	57 32	62 38	51 33	50 42	56 48	59 45	47 35	52.5 39.1		
PARKTON 2 SW	MAX MIN	68 30	74 45	58 43	53 43	54 47	51 46	51 43	45 30	45 33	39 31	45 28	37 29	41 28	46 34	56 40	56 41	48 40	58 40	46 27	40 26	40 20	57 27	53 29	64 33	49 31	54 26	60 43	65 40	42 29	51.7 34.4		
ROCKVILLE	MAX MIN	70 29	74 43	75 47	59 44	57 49	57 51	54 51	54 47	50 32	46 32	45 28	45 32	49 24	61 41	64 46	64 48	59 42	59 47	47 33	30 25	51 26	58 26	58 26	47 31	52 29	53 31	60 40	54 41	54 36	56.3 36.5		
TOWSON	MAX MIN	61 39	75 49	69 52	55 48	52 49	54 49	53 48	44 37	49 32	44 30	49 33	42 31	42 29	49 41	59 48	63 48	58 45	54 43	40 35	43 25	43 25	58 34	55 32	63 38	60 37	52 41	55 41	66 50	60 45	50 40	55.0 39.4	
UNIONVILLE	MAX MIN	69 27	73 42	59 42	56 43	53 47	53 50	54 47	46 44	41 31	41 32	46 23	41 32	39 32	46 25	58 35	57 42	60 43	60 41	45 33	40 32	41 20	58 27	57 22	65 31	50 30	52 26	64 39	66 46	46 37	52.8 35.5		
WESTMINSTER 2 SSE	MAX MIN	71 31	73 47	65 47	55 44	54 49	52 48	51 44	44 34	40 32	46 27	46 30	40 29	37 27	47 35	58 43	48 42	59 47	47 33	36 30	39 24	56 31	56 26	64 34	48 36	51 30	53 30	53 45	65 44	44 37	52.0 37.1		
WHEATON REGIONAL PARK	MAX MIN	67 30	76 35	73 47	58 49	58 52	59 47	56 50	45 35	45 33	44 32	46 27	45 32	40 32	50 27	61 35	64 46	62 46	62 49	61 30	43 24	42 24	64 33	59 25	65 25	58 31	51 29	57 36	61 45	51 40	56.6 37.4		
WOODSTOCK	MAX MIN	71 29	75 41	66 45	55 46	57 49	56 49	54 47	53 45	46 35	40 32	46 28	46 32	42 32	63 37	63 48	54 44	61 45	47 32	41 32	42 22	60 28	65 30	58 24	52 33	51 38	52 32	64 40	66 46	63 40	55.4 37.2		
* * *																																	
APPALACHIAN MOUNTAIN 07																																	
BODNSBORD	MAX MIN	72 36	72 58	63 51	56 47	54 50	53 50	52 49	52 44	44 33	43 33	43 29	41 32	37 32	45 26	57 39	51 45	50 42	59 47	47 33	37 31	38 34	56 37	56 39	66 46	49 35	52 31	52 44	56 45	62 44	44 36	52.0 39.9	
CHEWSVILLE BRIDGEPORT	MAX MIN	71 30	74 47	65 47	58 45	56 49	54 50	53 49	51 45	45 35	45 35	45 42	42 32	46 32	53 40	60 44	49 42	48 40	60 46	49 35	48 26	41 35	56 49	68 35	68 35	49 35	50 31	57 44	58 45	63 46	46 40	53.2 37.8	
CUMBERLAND	MAX MIN	78 34	72 50	67 49	62 49	57 51	54 51	51 47	47 39	47 35	47 28	43 28	41 33	41 27	45 38	60 38	54 46	52 46	57 49	44 30	37 29	43 29	57 30	56 30	60 37	53 28	56 29	58 45	62 45	47 31	53.8 37.1		
CUMBERLAND POLICE BRKS	MAX MIN	70 35	68 58	61 48	58 45	57 45	51 48	49 35	36 32	43 32	37 29	36 29	40 25	40 26	50 34	50 40	59 41	40 40	40 28	31 22	38 21	50 35	57 32	57 37	43 34	53 26	51 40	56 45	60 45	37 31	49.3 35.5		
FROSTBURG	MAX MIN	70 35	75 55	68 50	56 45	55 48	53 49	52 48	51 45	45 33	45 32	43 29	41 32	39 28	46 32	52 43	48 36	60 42	48 33	38 29	39 25	58 33	55 30	64 42	47 35	48 30	55 42	61 42	63 44	45 38	52.2 38.2		

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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	
MARYLAND																																
HANCOCK FRUIT LAB	MAX	55	75	71	54	56	54	53	52	50	44	48	43	37	40	46	55	51	48	58	45	40	47	56	56	62	49	57	54	61	50	
	MIN	28	48	45	46	51	51	50	47	34	37	24	33	35	26	36	41	44	46	33	32	29	27	23	31	37	24	35	45	49	40	
PICARDY	MAX	78	74	66	59	55	53	55	51	42	47	42	40	38	45	58	52	51	60	45	39	42	58	59	63	47	53	54	63	64	49	
	MIN	33	34	31	45	48	49	49	41	32	33	25	31	30	26	34	41	43	44	31	28	25	35	31	41	36	29	41	44	40	36	
WESTERNPORT	MAX	76	72	65	61	61	55	56	52	45	48	42	40	40	44	65	58	64	55	45	37	45	58	58	60	50	60	56	63	46	42	
	MIN	34	55	49	48	49	50	51	40	39	35	26	32	32	28	36	42	45	42	33	29	28	39	28	36	28	26	36	44	40	35	
WESTERNPORT UPRC	MAX	75	72	69	59	60	57	55	53		46	44	44	39	44	49	62	64	52	47	45	56	58	58	48	57	52	60	48	48		
	MIN	34	53	49	48	46	48	50	42		34	33	26	32	28	32		35	36	34	28	27	39	29	31	37	26	33	37	38	37	
* * *																																
ALLEGHENY PLATEAU 08																																
BITTINGER 2 NW	MAX	65	64	54	54	62	52	50	46	33	37	35	31	29	37	56	48	51	51	31	27	34	47	56	51	39	49	47	60	55	33	
	MIN	37	52	44	42	37	45	45	30	29	28	21	25	23	21	35	38	40	31	23	18	17	33	29	38	27	23	38	39	31	25	
DAKLAND 1 SE	MAX	69	64	55	58	61	55	54	49	35	40	40	31	32	41	57	53	54	55	36	27	37	49	59	52	41	51	50	63	63	34	
	MIN	29	55	45	44	39	45	48	32	31	29	20	27	25	21	38	41	43	36	27	20	20	35	21	31	33	23	37	42	39	40	
SAVAGE RIVER DAM	MAX	60	72	67	55	55	57	52	53	42	40	43	38	34	35	42	59	50	56	55	36	32	49	51	56	56	42	53	48	64	45	
	MIN	26	39	45	46	45	45	49	41	35	32	24	25	29	27	30	36	41	45	33	25	24	33	25	24	26	28	30	42	33	25	
SINES DEEP CREEK 2	MAX	69	64	50	59	62	53	54	49	37	40	40	34	34	40	49	55	53	36	28	39	49	58	53	42	50	51	63	64	35		
	MIN	30	45	44	42	40	42	48	34	32	31	22	28	22	15	35		42	33	26	22	22	33	23	32	28	21	40	41	35	17	
DELAWARE																																
* * *																																
NORTHERN 01																																
MIDDLETOWN 1 WSW	MAX	67	73	72	62	58	59	56	55	49	48	51	47	44	51	62	62	57	62	63	44	42	58	56	65	64	47	56	56	66	57	
	MIN	29	45	45	44	50	50	50	47	35	39	32	32	32	32	39	48	43	45	35	33	25	31	27	31	36	31	35	46	55	40	
NEWARK UNIVERSITY FARM	MAX	68	75	69	55	57	66	53	53	50	47	51	46	44	48	58	59	53	60	60	42	42	56	56	65	56	49	56	54	64	51	
	MIN	29	45	46	45	50	49	48	45	37	34	39	33	32	30	40	45	42	44	35	32	25	33	27	36	35	30	34	43	51	40	
WILMGTON NCASTLE WB AP	MAX	66	76	64	55	59	57	54	54	51	42	50	44	45	50	56	60	48	60	49	45	42	58	55	65	52	49	59	67	67	45	
	MIN	32	49	48	48	52	48	48	41	38	36	34	34	34	30	41	45	44	45	35	31	27	34	28	38	36	32	41	45	44	38	
WILMGTON PORTER RESVR	MAX	66	74	60	52	58	54	54	54	51	42	50	44	38	44	56	55	45	60	45	42	41	56	53	63	49	47	55	65	64	44	
	MIN	35	51	47	46	48	48	45	42	39	34	34	32	33	30	41	44	40	43	35	30	27	34	32	38	37	32	40	44	39	36	
* * *																																
SOUTHERN 02																																
BRIDGEVILLE 1 NW	MAX	72	77	74	59	65	58	61	57	52	47	53	54	45	50	63	63	55	66	65	43	43	59	59	63	59	53	59	63	68	52	
	MIN	30	49	44	30	52	53	51	46	33	38	32	34	34	33	43	49	50	50	39	32	26	34	27	41	38	32	43	47	51	40	
DOVER	MAX																															
	MIN																															
GEORGETOWN 5 SW	MAX	55	72	78	75	60	62	56	63	56	50	44	53	54	47	50	64	61	58	66	53	43	42	59	59	66	52	52	60	68	69	
	MIN	29	35	43	49	53	47	52	48	32	38	30	35	34	34	36	49	51	50	40	33	24	28	25	30	41	31	43	46	54	40	
LEWES 1 SW	MAX	55	80	67	59	59	56	58	56	50	48	50	55	44	54	66	67	55	64	62	44	45	61	55	68	56	54	62	61	71	49	
	MIN	32	50	45	50	54	51	53	46	35	39	33	34	36	32	42	48	51	51	38	33	37	34	28	47	41	33	43	46	49	41	
MILFORD 2 WSW	MAX	71	79	73	58	60	57	58	56	52	48	51	53	45	49	65	66	54	65	64	43	43	60	58	67	59	51	60	63	68	51	
	MIN	28	50	42	48	52	52	45	32		38	30	36	35	33	41	45	48	50	39	33	26	35	26	44	39	32	37	46	51	40	
SELBYVILLE	MAX	72	80	73	60	59	57	65	61	53	47	53	55	45	51	66	62	60	64	61	44	44	60	57	68	59	53	63	62	71	53	
	MIN	36	50	45	48	56	51	52	48	36	40	31	33	35	34	42	51	52	51	41	31	26	35	26	45	42	32	40	46	52	41	

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	
DELAWARE																																
* * *																																
SOUTHERN 02																																
GEORGETOWN 5 SW	EVAP	.09	.07	.14	.14	.03	.07	.06	.01	.11	.04	.07		.06																		
	WIND	42	14	40	38	78	49	46	46	98	59	83	133	184	183	53	110	52	47	85	149	85	111	38	56	132	114	110	46	180	145	
																															2606	

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
NOVEMBER 1968

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																																
* * * CENTRAL EASTERN SHORE 02																																
DENTON 1 WNW												T																				
ROYAL OAK												T																				
* * * LOWER SOUTHERN 03																																
LA PLATA 1 W											T	T																				
DWINGS FERRY LANDING											T	T																				
* * * UPPER SOUTHERN 04																																
BALTIMORE WB AIRPORT											1.0	3.3	T																			
COLLEGE PARK											T	T	T																			
FORT GEORGE G HEADE											T	1.0	T																			
GLENN DALE BELL STA											T	2.0	T																			
* * * NORTHERN EASTERN SHORE 05																																
CHESTERTOWN											T	T	T																			
* * * NORTHERN CENTRAL 06																																
BROOKDALE											.5	3.8	T																			
EMMITSBURG 2 SE											1.0	6.0	5	3	2	1																
FREDERICK WFMD												4.0	4																			
PARKTON 2 SW											T	3.0	7.5	4	2	T																
UNIONVILLE											1.5	4.0	3	3	T																	
WESTMINSTER 2 SSE											5.0	1.0	1.0	7.0	8	5	1	T														
WOODSTOCK											T	4.0	2																			
* * * APPALACHIAN MOUNTAIN 07																																
CUMBERLAND												2.0	1.0	1	T																	
FROSTBURG											T	16.7	4.6	17	15	12	5	T														
HAGERSTOWN											T	6.0	2	1	T																	
HANCOCK FRUIT LAB												2.0	4.0	2	1	T	T															
* * * ALLEGHENY PLATEAU 08																																
BITTINGER 2 NW												11.5	3.5	11	12	10	3	T														
DAKLAND 1 SE											.3	10.5	5.0	10	10	4	T															
SAVAGE RIVER DAM												9.3	2.7	6	5	4	2															
DELAWARE																																
* * * NORTHERN 01																																
NEWARK UNIVERSITY FARM												T																				
WILMGTN NCASTLE WB AP												T	T																			
WILMGTN PORTER RESVR												T																				
* * * SOUTHERN 02																																
BRIDGEVILLE 1 NW																																

See Reference Notes Following Station Index

REFERENCE NOTES

MARYLAND AND DELAWARE
NOVEMBER 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.

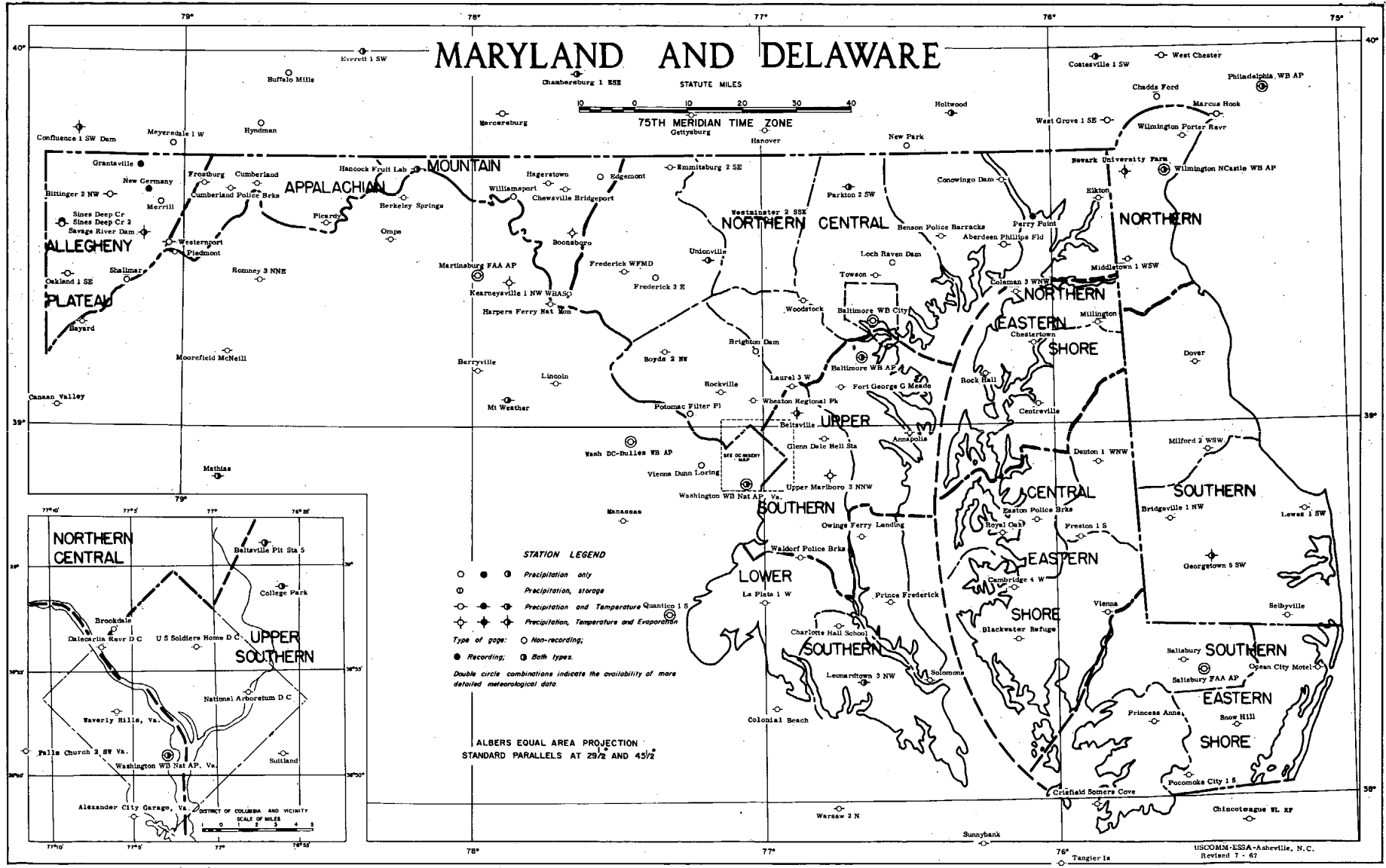
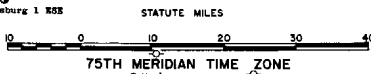
General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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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MARYLAND AND DELAWARE



- STATION LEGEND**
- Precipitation only
 - Precipitation, storage
 - ⊕ Precipitation and Temperature Quantities
 - ⊕ 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 45 1/2

