

# Climatological Data



MARYLAND AND DELAWARE

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	3 STATIONS		80	DATE 04
LOWEST TEMPERATURE:	OAKLAND 1 SE	MD.	8	DATE 27
GREATEST TOTAL PRECIPITATION:	WILMGTON PORTER RESVR	DEL.	9.29	
LEAST TOTAL PRECIPITATION:	ASSATEAGUE STATE PARK	MD.	2.58	
GREATEST 1 DAY PRECIPITATION:	PRINCESS ANNE	MD.	3.05	DATE 07
GREATEST TOTAL SNOWFALL:	FROSTBURG 2	MD.	13.5	
GREATEST DEPTH OF SNOW OR ICE:	FROSTBURG 2	MD.	7	DATE 28

## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES - PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE AVERAGE (TENTHS)	SKY COVER AVERAGE (TENTHS) SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
							EASTERN												
BALTIMORE WSO AP MD	35	1.6	8.5	32	NW	10	74	76	67	70	3	7	6	4	1	0	21	27	8.1
WILMINGTON WSO AP DEL	35	2.2	10.7	29++	30	17	77	78	64	73	3	6	7	4	1	0	21	-	8.4

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.







# DAILY PRECIPITATION

MARYLAND AND DELAWARE  
NOVEMBER 1977

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																																
ASSATELUE STATE PARK	2.58		.02			.23	.70	.03	T	.09	.01		.02					.03	.15			.01	.14	.53		T	.57		.05			
CRISFIELD SOMPERS COVE	4.17		.05	.19		.18	2.13			.12									.03	.18			.50	.30		.20		.50				
PISCONE CITY	4.00		.01	.27		.41	2.05												.02	.03			.19	.47		.30		.08				
PRINCESS ANNE	4.63			.23	.02		.12	3.05		.12									.03	.03			.39	.59			.19	.05	.03			
SALISBURY	4.31		.01	.18		.01	.19	2.08	.02	.07									.01	.06			.08	.49	1.00	.01	.14		.02			
SALISBURY FAA AP	4.64	T	T	.31	T		2.04	.52		.05								.04				.01	.67	.64		.14	.10	.01	T	.31		
SNOW HILL 4 N	4.30	T	T	.08	T	T	.36	2.27		.03		T	.01					.04	.19			T	.34	.57		T	.34	.04		.03		
* * * * *																																
CENTRAL EASTERN SHORE 02																																
CAMBRIDGE MTR TRMT PL	8.56					1.57	2.02	.07			.04												.41	.74		X	3.30		.01			
DENTON 1 S	4.75	T		.05	.17		.08	1.38		T		T						.55	.12			.08	.65	.70	.05	.08	.42		.03	.11	.08	
EASTON POLICE BARRACKS	5.17	T	T	.28	T		.18	1.68	.03	T	.20	T						.43	.14			.05	.78	.53	.03	.14	.58		.01	.03	.08	
ROYAL OAK	5.03		.03	.18		.18	2.60			.21		T										.05	.62	.73					.25			
VIENNA																																
* * * * *																																
LOWER SOUTHERN 03																																
LA PLATA 1 W	5.12	.04	.01	.39	.40	.41	.95	.08		.21	.71	T						.41	T			.03	.54	1.00	.08	.19	.41		.01	.04	.21	
MECHANICSVILLE 1 SE	4.61	.10	.09	.55	.35	.36	.37	.08			.30							.34	.16	.14			.04	.65	.50	.07				.45		
DUNINGS FERRY LANDING	4.80																															
PATUXENT RIVER	3.88	.18	T	.32	.01	1.31	.03			.18	T								.08				.02	.51	.71		.25	.03	T		.25	
SOLDONS	4.88	.23		.37		1.72	.08				.27	T							.09	.06			.02	X	1.26	.05	.37				.36	
WALDORF POLICE BRKS																																
* * * * *																																
UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS	5.28			.54	.03	.02	.01	1.49	.19		.43	.01						.68				.03	.20	.81	.09	.37	.89		.02	.34	.13	
BALTIMORE HSB AP	5.01	T	T	.43	.01	.05	1.08	.61	.18		.50							.01	.14			.05	.20	.31	.01	.51	.05	.04		.35	.50	
BELTSVILLE	4.40	T		.04	.42	.04	1.20	.59	T		.19	T											.13	.62	.04	T	.55		.06	.32		
BELTSVILLE PLANT STA 5	4.13	T	T	.46	.04	1.05	.40	T			.19	T											.05	.10	.45	.05	.45		.03	.10	.25	
COLLEGE PARK	3.94		.01	T	.58	.03	.03	1.09	.30		.21		T									.07	.05	.52	.02	.01	.49	.01	.03	.08	.25	
DALECARLIA RESVR D C	5.68	.03	.03	.38	.72	.05	.12	1.17	.78		.05	.30										.08	.18	.60	.04	.10	.37	.01		.34	.05	
GLENN DALE BELL STA	5.42		.02	.40	.29	.04	.10	1.32	.30		.28	.16	T									.05	.20	.63	.10	.35	.50	T	.01	.29	.06	
LAUREL 3 W	4.93	T		.50	.02	T	1.05	.58	.10		.48	T						.10	.12	.08		.08	.29	.42	T	.39	T	.03		.19	.80	
NATIONAL ARBARETIUM D C	4.80		.05	.03	.86	.02	.05	1.20	.20	.03													.14	.73	.10	.03	.70		.02	.03	.25	
U. S. SOLDIERS HOME DC	3.53	.04	.05	.44	.01	.01	.30	.32	.19		.12	.21	T		.02								.21	.62	.07	.13	.07	.03		.27	.21	
UPPER MARLBORO 3 NHW	5.66		T	.07	.61	T	.07	1.23	.38		.48							.40	.32				.20	.63	.07	.02	.86		T	T	.32	
* * * * *																																
NORTHERN EASTERN SHORE 05																																
CENTREVILLE			.02	.43	.03		1.81	.17					T					.08	1.01				.25		.75		.08		.20	.03		
CHESTERTOWN	7.07	T		.08	.53	.02	T	.68	.94	.03	.33							.05	1.08				.33	.53	.06	.97	.18	.04		.22	.70	
HILLINGTON	5.77		.17	.45		.10	1.88	.08		.10													.18	.65	.08	.58	.35		.08	.17	.10	
* * * * *																																
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	4.71		.17	.27	.14	.27	1.25	.22		T	.47							.22	.07			.03	.07	.78		.31		.12	.23	.09		
BALTIMORE HSB CI	5.18		.03	.39	.03	.98	.51	.02		.55								.18				.10	.33	.41	.03	.59	.05	.04		.42	.54	
BENSBY POLICE BARRACKS	5.92		.12	.50	.24	.04	1.18	.48		.11	.86			.01				.21	.02			.05	.10	.75	.03	.15	.66		.08	.20	.12	
BOYDS 2 NW	4.75		.08	.32	.56	.07	1.95	.35		.23	.34	T						.22				.15	.67	.02	.14	.40	D	.05	.44	.05	.73	
BRIGHTON DAM	5.16		.03	.43	.04	.93	.69	.06		.30								.13				.33	.31	.30	.19	.37	.07	.08	.47	.22		
CATACTIN MOUNTAIN PARK	4.37		.12	.48	.18	.08	1.95			.05	.04	T						.54				.17	.13	.08		.09	.38		.04	.01	.02	
CLARKSVILLE 3 NNE	5.05	T	T	.20	.76	.04	1.21	.18		.08	.30	T						.18	.02			.12	.12	.70	.02	.17	.43		.02	.48	.02	
CONNINGO DAM							.58	.03	T		.60	.03	.02					.03	.32			.05	.21	.64	T	.64	.310	.05	.27	.37		
DAMASCUS 2 SW	5.56	T	.02	.29	.95	.01	.18	1.03	.38	.22	.05	T						.15				.13	.24	.61	.02	.21	.30		.04	.39	.34	
EMMITSBURG 2 SE	5.61		.18		.83	.02	.20	1.16	.63	.30	.42	T						.23				.01	.74	.05	.08	.37	.27	.02	.15	.14		
FREDRICK POLICE BRKS	5.16		.12	.14	.85	.04	1.23	.29		.15	.42							.20				.13	.30	.73	.04	.03	.33		.31	.05		
FREDRICK 3 E	4.82		.03	.02	.88		.90	.32		.12	.45							.56	.35			.12	.08	.08	.14	.45		T	T	.47		
PARKTON 2 SW	6.93	T		.06	.85	.17	.02	.71	.75	.16	1.21	.45		.03				.01	.26			.17	.18	.71	.01	.51	.02	.07		.26	.56	
PBTOMAC FILTER PLANT	5.75		.06	1.05	.18	.05	.85	.75	T	.50								.16				.10	.37	.32		.42	.03	T		.39	.52	
ROCKVILLE 3 NE	5.04	T	T	.56	.36	.10	.90	.43		.04	.29	T						.18				.10	.12	.60	.01	.15	.38		.80	.01		
TOWSON	5.99		.50	.65	.12	.05	.40	.80		.10	.45							.20				.50	.08	.92	.50	.18	.53		.20	.50	.30	
UNIONVILLE	4.56	T	.02	.21	.24	.28	.66	.48	.01	.20	.11							.29				.24	.15	.70	.09	.15	.35		.02	.31	.05	
WESTMINSTER 2 SSE	4.67		.08	.08	.78	.01	.05	.88	.42	.03	.33			T				.10	.17			.10	.24	.72	.12	.51		.04	T	.30		
SHEATON REGIONAL PARK	4.28	T		.54	.35	.01	.22	.90	.17	.06	.25	T						.22				.08	.09	.66	.01	.02	.35		.03	.22	.06	
WOBODS TOCK	4.94	T		.35	.40	.07	1.12	.35		.08	.15	T						.22				.13	.16	.75	.02	.20	.37		.03	.44	.10	
* * * * *																																
APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2	2.98		.10	.06	.10	.02	.40	.25	.49		.33		T					.02	.03				T	.47			.21	T	.19	.02	.27	
CUMBERLAND POLICE BRKS																																
EDDMONT	5.52		.04	.06	.88	.02	.26	.64	.90	T	.88			T				.06	.21			.05	.07	.70	.03	.52		.06	.18			
FROSTBURG 2	6.57		.38	.35	.39	.11	.79	.98	1.13	.02	T	.53	T	.08	.03	T	T	.05	.32			T	.04	.31	.02	T	.16	.21	.29	.04	.32	
HAGERSTOWN	4.20		.06	.15	.57		.48	.12		.80	.22	T						.25				.05	.15	.50		.22	.34		.02	.15	.12	
HANCOCK FRUIT LAB	4.39		.18	.08	.10	.15	.20	1.05	.74	.01	.50			.01				.09				.03		.57		.36		.02	T	.29		
* * * * *																																
ALLEGHENY PLATEAU 08																																
SAVAGE RIVER DAM	4.81		.22	.12	.11	.04	.89	.48	.69	T	.24	T		.01	.01			.04	.26				.01	.07	.37							

# DAILY PRECIPITATION

MARYLAND AND DELAWARE  
NOVEMBER 1977

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
DELAWARE																																		
* * *																																		
NORTHERN 01																																		
MIDDLETOWN 1 MSW	5.34		.12	.54	.25	.02	.25	1.40	.05			.11	T		.02		.80	.18						.05	.62	.02	.28	.36		.02	.11	.06		
HEMLOCK UNIVERSITY FARM	4.48		.05	.40	.11	.10	.03	1.28	.20				.08					.28					T	.05	.60	T	.11	.84		.04	.12	.10		
WILMINGTON HSO AP	6.14		.04	.36	T	.08	.60	1.47	.17			T					.05	.48	.28					.08	.23	.50	.01	.74	.10	.03		.28	.60	
WILMINGTON PORTER RESVR	9.29		.08	.76	.04	.04	1.32	2.58	.43			T					.03	.40						.11	.29	.64		.63	.12	T		.23	1.17	
* * *																																		
SOUTHERN 02																																		
BRIDGEVILLE 1 MW	5.33	T	.06	.48	.01	.16	2.20	.02			.16	T		.02			.10	.15					.07	.80	.78	.02		.22			.05	.03		
DOVER	6.02		.13	.33	.16	.16	2.12	.46			.08	.04						.64	.11					.02	.24	.60	.02	.12	.22		.33	.13	.08	
GEORGETOWN 5 SW	4.46		.03	.14	.30	.15	1.00	.05	.01					.17				.03	.17						.37	.92	.05		.23			.01	.04	
LEWES 1 SW	4.90		.01	.09	.26		.88	1.28				.08						.15						T	.66	.66		.31	.13			.01	.40	
MILFORD 2 MSW	5.56		.01	.07	.35	.05	.10	1.83	.08	T	.18			T			.17	.35						.02	.93	.94	.04	T	.30		T	.08	.05	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
NOVEMBER 1977

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 MIN	61 53	64 56	65 57	67 58	67 58	63 56	64 55	64 56	63 56	64 55	65 56	53 37	43 29	43 25	57 37	62 45	65 51	59 40	55 34	50 34	63 45	57 45	54 44	52 44	52 40	53 33	40 24	52 31	47 38	55 41	57.3 43.9
CRISFIELD SOMERS COVE	MAX MIN	65 54	72 59	73 62	78 64	72 63	71 63	70 60	69 58	68 45	58 38	52 34	52 34	54 40	63 47	67 56	62 48	54 34	62 35	60 37	60 45	50 35	59 39	59 37	52 29	59 37	48 29	59 35	48 30	59 40	59 39	61.7 45.6
POCOMOKE CITY	MAX MIN	64 54	70 60	69 61	77 63	75 63	70 62	70 62	69 57	68 56	65 48	49 36	43 33	42 26	59 35	67 49	70 59	65 40	54 30	54 30	64 33	61 44	52 42	52 46	51 38	50 35	38 27	52 34	46 40	56 41	59.8 45.6	
PRINCESS ANNE	MAX MIN	67 50	74 61	71 61	77 61	78 64	72 61	71 62	69 58	70 56	69 43	50 36	41 28	45 23	58 29	61 47	71 55	57 33	53 27	55 39	63 31	62 33	61 32	60 31	58 39	58 20	55 22	54 33	48 33	55 39	61.9 41.9	
SALISBURY	MAX MIN	63 52	67 59	69 60	74 62	71 62	68 59	68 60	67 57	70 56	64 43	46 36	43 28	47 26	62 31	68 49	72 48	64 35	63 33	56 29	63 39	56 51	55 41	54 40	52 37	48 32	39 25	44 25	46 38	54 40	43.8 43.8	
SALISBURY FAR AP	MAX MIN	68 54	72 63	72 64	79 66	78 63	69 63	73 66	73 60	67 58	53 39	48 35	42 33	45 27	60 32	68 51	71 51	56 33	53 31	55 30	65 34	59 43	54 45	51 45	52 40	46 31	41 28	41 41	64 41	60 42	60.0 45.3	
SNOW HILL 4 N	MAX MIN	64 52	69 58	70 60	75 61	74 61	66 59	71 61	73 60	67 58	68 56	66 43	50 33	46 29	44 24	60 30	67 46	70 57	66 33	52 29	53 27	63 30	61 44	52 41	52 45	51 37	49 33	38 24	52 32	46 39	55 40	59.7 43.4
CENTRAL EASTERN SHORE 02																																
CAMBRIDGE MTR. TRMT PL	MAX MIN	65 49	69 54	68 61	78 62	72 62	67 60	68 60	68 59	65 57	70 56	62 42	46 30	46 34	58 35	67 44	65 50	61 42	52 38	59 33	59 39	49 48	51 41	49 40	48 39	49 29	44 29	41 32	61 34	58.4 44.9		
DENTON 1 S	MAX MIN	67 45	68 57	66 61	78 60	72 60	69 59	68 59	71 55	70 53	50 29	44 32	45 27	60 30	68 45	68 51	56 38	52 31	50 29	57 30	57 42	47 39	48 40	45 33	45 33	39 26	48 30	43 29	48 35	57.9 41.8		
EASTON POLICE BARRACKS	MAX MIN	68 46	74 58	69 62	79 64	74 63	70 60	67 60	68 54	65 56	70 55	67 43	49 35	43 34	46 32	58 35	67 46	67 52	56 38	52 35	53 38	47 35	46 31	48 38	45 36	44 32	36 28	48 33	43 30	45 36	57.4 43.9	
VIENNA	MAX MIN	65 49	70 59	69 62	71 60	78 52	71 59	69 62	68 64	71 58	67 55	47 38	42 33	46 28	58 36	65 48	70 56	58 39	52 38	54 31	58 38	60 42	50 40	50 45	51 37	46 32	48 27	51 34	46 33	65 35	59.4 43.8	
LOWER SOUTHERN 03																																
LA PLATA 1 W	MAX MIN	62 46	74 57	66 62	78 66	74 64	69 60	66 59	66 58	67 58	72 58	66 35	47 27	42 32	49 23	62 30	71 42	71 51	59 35	54 29	56 30	56 36	58 42	44 37	50 43	47 33	41 29	38 21	49 30	39 31	58.4 42.2	
MECHANICSVILLE 1 SE	MAX MIN	61 44	68 53	65 58	76 61	73 60	68 56	64 51	66 58	65 55	68 52	66 34	49 28	45 25	44 21	58 28	65 52	68 53	65 43	50 26	53 27	53 33	56 38	45 36	47 39	47 32	39 28	34 19	45 28	45 28	54 32	56.7 39.9
OWINGS FERRY LANDING	MAX MIN	62 50	70 58	68 60	73 62	72 62	65 60	67 60	68 56	62 55	72 46	53 39	47 38	44 35	46 33	59 38	68 49	71 46	57 41	52 37	51 41	59 43	58 40	47 41	49 42	46 40	41 30	40 26	50 40	45 38	50 40	57.1 44.9
SOLOMONS	MAX MIN	62 50	70 58	66 61	72 60	71 63	71 59	65 59	67 58	62 58	70 58	62 40	53 37	40 33	46 33	58 40	69 49	71 47	60 34	55 39	52 38	58 37	59 43	47 40	48 41	46 41	37 30	48 37	41 38	47 40	57.1 45.2	
WALDORF POLICE BRKS	MAX MIN	64 45	67 55	65 59	77 60	73 59	70 55	59 49	64 51	64 54	66 53	66 35	48 29	42 28	46 23	55 31	68 39	69 48	55 35	51 30	50 31	55 40	56 40	45 36	49 41	47 31	47 28	36 22	49 26	49 30	48 31	56.7 39.8
UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS	MAX MIN	64 45	67 55	65 59	77 60	73 59	70 55	59 49	64 51	64 54	66 53	66 35	48 29	42 28	46 23	55 31	68 39	69 48	55 35	51 30	50 31	55 40	56 40	45 36	49 41	47 31	47 28	36 22	49 26	49 30	48 31	56.7 39.8
BALTIMORE WSO AP	MAX MIN	63 48	68 58	65 62	78 65	74 61	61 58	64 58	62 56	64 56	69 46	50 34	48 34	43 30	49 26	60 33	68 39	70 43	56 38	51 33	53 34	56 41	55 40	46 40	55 40	43 35	42 29	42 26	48 31	38 34	47 37	56.1 42.2
BELTSVILLE	MAX MIN	59 46	62 48	68 59	67 59	78 62	71 54	63 56	65 56	61 55	67 58	51 38	45 31	41 22	57 28	58 36	67 41	69 41	55 29	51 30	52 33	55 44	47 38	45 39	53 33	41 33	38 26	47 26	38 28	39 33	55.9 40.2	
BELTSVILLE PLANT STA S	MAX MIN	58 47	61 52	68 60	68 63	78 64	72 57	64 58	65 57	61 55	68 59	70 39	50 30	46 32	41 24	48 28	56 34	65 51	68 38	53 29	49 32	52 35	46 45	43 38	40 31	36 25	40 29	36 29	46 29	38 33	55.1 41.6	
COLLEGE PARK	MAX MIN	58 47	62 54	68 60	68 63	78 64	71 57	63 57	65 57	61 55	68 59	71 40	51 30	44 31	40 24	47 28	58 37	68 53	70 43	54 31	50 33	53 38	56 44	44 38	45 41	52 33	41 35	38 25	47 29	48 30	38 33	55.6 42.3
DALECARLIA RESVR D C	MAX MIN	60 45	69 58	66 60	77 60	73 60	70 55	65 55	60 56	68 53	71 57	67 44	47 38	40 28	46 26	58 35	68 35	70 47	55 40	53 32	55 32	54 39	44 37	53 41	52 40	48 27	37 22	45 28	43 29	43 33	57.1 41.2	
GLENN DALE BELL STA	MAX MIN	62 45	67 56	65 61	76 63	74 62	72 56	65 56	60 54	69 54	71 53	67 35	49 28	42 20	48 20	60 31	68 40	69 54	55 33	52 28	54 29	55 35	43 42	50 38	41 29	40 32	37 22	48 29	46 27	43 33	57.0 40.5	
LAUREL 3 W	MAX MIN	59 46	64 55	65 60	73 63	68 62	62 54	58 52	58 52	64 54	66 45	45 31	36 28	41 25	41 25	54 36	63 46	66 51	51 46	46 36	52 40	52 36	47 36	45 26	47 38	38 26	43 29	34 30	43 32	53.8 42.0		
NATIONAL ARBORETUM D C	MAX MIN	60 44	63 48	70 59	68 62	78 64	72 58	65 58	66 55	62 55	70 56	72 40	52 33	46 32	41 25	47 28	58 41	68 43	70 32	55 41	51 33	54 40	58 46	49 39	46 39	46 31	38 16	37 28	48 32	39 32	56.6 41.9	
U. S. SOLDIERS HOME DC	MAX MIN	62 48	70 56	65 61	77 63	72 63	69 57	65 57	61 55	68 55	70 58	60 37	47 34	42 29	48 28	57 38	68 46	69 50	55 46	52 37	54 38	55 44	46 42	53 38	46 42	48 37	41 26	48 29	41 33	45 33	56.8 43.4	
UPPER MARLBORO 3 NNW	MAX MIN	61 42	64 49	69 59	67 62	78 62	73 57	65 57	65 56	61 56	69 55	71 35	51 28	46 31	41 22	47 28	60 31	69 48	70 32	55 29	50 29	54 32	57 44	46 38	45 40	49 30	41 31	37 22	38 24	48 28	38 33	56.2 39.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
NOVEMBER 1977

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																																
NORTHERN EASTERN SHORE 05																																
CENTREVILLE	MAX MIN	65 42	68 54	66 59	79 59	75 57	70 54	67 55	68 55	65 53	71 53	69 39	46 29	42 30	43 27	60 27	67 40	68 48	54 40	50 27	52 27	55 33	57 39	47 36	47 37	42 35	37 33	37 34	46 29	43 26	45 32	56.7 40.3
CHESTERTOWN	MAX MIN	65 43	67 55	66 61	80 62	75 60	61 55	66 55	62 54	63 54	69 45	50 36	46 31	41 28	44 28	58 33	66 42	67 47	54 40	49 35	53 32	55 37	55 38	46 37	48 36	42 32	42 28	36 26	47 30	36 30	47 35	55.2 41.1
MILLINGTON	MAX MIN	68 43	67 52	66 61	78 61	75 60	67 55	61 54	62 54	68 55	55 38	47 26	41 30	42 24	58 28	66 35	65 48	54 38	50 30	52 29	56 35	54 39	56 38	48 41	44 29	42 28	38 26	46 28	38 27	40 35	55.6 40.1	
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	MAX MIN	63 46	65 55	64 60	77 61	72 64	69 56	61 57	60 50	60 55	68 56	68 36	46 34	40 32	42 26	53 30	64 36	66 52	54 40	50 34	48 33	52 39	45 44	51 44	49 35	43 35	41 28	46 31	45 28	43 34	55.2 42.2	
BALTIMORE WSO CI	MAX MIN	62 49	67 58	67 62	80 66	74 61	61 57	63 58	62 58	63 58	70 48	49 40	46 38	43 31	49 28	60 42	70 48	72 50	57 45	54 40	52 42	58 48	58 40	48 44	57 44	43 42	39 31	50 34	40 28	48 36	56.9 45.3	
BENSON POLICE BARRACKS	MAX MIN	64 42	67 55	65 60	80 62	77 63	72 55	62 55	59 54	60 54	66 56	67 33	46 29	43 25	55 30	66 43	69 50	54 36	53 30	54 30	50 37	52 42	47 36	54 42	42 32	38 23	47 31	42 28	42 26	33 33	56.4 40.5	
BOYDS 2 NW	MAX MIN	60 45	66 54	65 60	74 62	72 62	69 52	63 55	58 53	64 52	67 53	54 36	44 32	44 26	56 31	65 40	68 48	52 40	48 33	51 33	54 39	55 37	54 35	50 33	37 26	33 21	44 26	41 29	40 32	55.3 40.8		
CATOCTIN MOUNTAIN PARK	MAX MIN	54 42	58 49	60 56	66 58	67 59	64 52	57 49	54 50	58 50	60 49	50 31	40 29	24 23	29 29	32 44	44 35	29 30	30 39	33 31	32 32	51 29	43 24	35 16	27 22	39 26	36 28	36 28	36 28	36 28	36 28	36.7
CLARKSVILLE 3 NNE	MAX MIN	60 44	66 54	64 59	73 63	72 62	70 55	62 57	58 54	64 55	68 58	62 35	44 27	39 28	46 25	56 31	65 40	68 51	52 33	48 27	51 28	52 34	43 40	53 36	50 33	39 24	34 20	44 26	39 30	42 24	54.6 39.0	
CONOWINGO DAM	MAX MIN	64 40	66 55					62 54	60 53	61 53	66 43	48 33	46 27	41 29	43 26	54 31	60 33	65 39	53 31	51 30	50 28	51 38	51 36	45 35	52 34	43 30	43 25	38 22	46 25	36 33	51.5 35.0	
DAMASCUS 2 SW	MAX MIN	59 44	64 54	63 59	73 62	70 62	67 55	61 55	58 53	63 52	67 45	45 33	42 31	36 27	44 24	55 32	63 41	67 47	50 40	47 33	49 32	53 40	41 36	53 39	43 33	36 24	32 20	42 26	40 30	39 31	52.5 39.8	
EMMITSBURG 2 SE	MAX MIN	60 42	63 51	65 57	72 59	72 60	70 53	62 52	55 50	61 53	66 51	54 35	43 30	39 27	44 26	53 26	62 33	64 46	51 36	50 27	49 29	49 39	61 37	42 34	56 45	49 26	39 21	44 25	42 30	37 30	54.0 37.8	
FREDRICK POLICE BRKS	MAX MIN	60 47	66 54	66 60	73 62	73 63	72 56	63 55	59 53	63 54	68 56	56 38	45 34	39 30	45 28	53 33	64 41	67 50	52 43	50 35	52 36	54 42	52 39	40 35	52 39	36 30	33 23	46 27	44 30	38 31	54.5 41.9	
PARKTON 2 SW	MAX MIN	60 40	63 54	65 59	73 61	73 60	61 53	59 52	56 52	59 41	63 33	45 27	44 22	39 23	43 24	55 31	64 33	67 48	52 34	49 30	51 40	50 27	42 35	53 36	39 31	37 23	33 21	43 25	33 26	42 32	52.1 37.7	
ROCKVILLE 3 NE	MAX MIN	60 39	69 51	64 59	75 56	72 68	70 52	68 55	63 51	66 49	71 55	65 31	45 25	40 23	48 23	58 30	69 46	70 34	53 23	50 16	54 24	55 27	54 40	47 32	56 28	55 27	39 22	47 26	45 28	47 28	57.1 38.1	
TOWSON	MAX MIN	60 45	66 56	65 60	77 63	73 62	78 54	74 55	59 55	61 55	65 55	65 37	45 33	40 30	44 26	55 34	65 40	67 50	57 42	53 32	52 32	54 32	43 37	55 42	41 34	35 22	43 28	45 28	42 27	56.3 40.7		
UNIONVILLE	MAX MIN	61 43	68 52	66 59	73 61	73 60	67 55	63 54	57 52	62 52	68 49	51 34	44 22	38 23	44 19	56 26	64 32	67 48	53 48	51 34	52 40	53 38	41 36	54 40	49 29	37 28	32 22	44 28	34 24	37 32	53.6 38.2	
WESTMINSTER 2 SSE	MAX MIN	60 44	62 53	63 51	74 61	70 62	66 54	60 53	56 52	62 52	64 50	42 34	36 29	36 21	42 26	55 30	62 39	67 46	48 38	47 30	49 31	50 40	52 37	41 34	51 39	45 31	37 28	31 25	42 28	36 31	40 31	51.9 39.2
WHEATON REGIONAL PARK	MAX MIN	60 33	66 55	64 59	75 61	72 62	70 55	64 55	59 53	66 53	70 56	66 36	45 25	46 29	43 26	56 26	62 41	68 50	52 39	50 26	53 29	52 40	43 36	54 41	54 31	40 29	43 22	45 29	41 31	42 32	55.4 40.0	
WOODSTOCK	MAX MIN	61 45	66 53	64 56	77 63	74 62	68 55	62 56	58 53	63 53	68 56	57 36	43 28	38 29	45 22	57 28	66 35	69 48	53 41	49 29	52 40	51 40	53 39	43 36	53 41	48 30	40 28	34 21	44 27	38 32	54.5 40.0	
APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2	MAX MIN	57 50	62 51	67 59	70 62	69 61	67 58	62 53	59 53	62 55	65 30	49 28	44 27	40 25	44 26	60 30	71 34	66 39	50 38	55 34	53 41	56 36	45 37	51 30	49 29	39 21	39 21	44 25	39 32	37 34	54.2 38.4	
CUMBERLAND POLICE BRKS	MAX MIN																															
FROSTBURG 2	MAX MIN	52 36	50 42	56 49	59 55	63 59	60 57	57 52	56 47	51 47	58 48	57 29	36 26	28 21	30 20	36 22	57 31	62 44	56 31	39 30	43 29	45 31	56 33	36 29	48 31	48 27	34 11	35 13	34 27	30 27	46.6 34.2	
HAGERSTOWN	MAX MIN	59 42	63 47	68 58	73 60	72 61	65 55	63 54	56 51	61 53	63 41	55 36	42 30	40 28	44 25	56 34	64 44	62 48	50 39	49 35	49 35	52 43	54 39	45 35	55 39	50 31	34 25	43 19	40 31	37 31	53.2 39.5	
HANCOCK FRUIT LAB	MAX MIN	56 44	59 54	60 58	65 60	69 60	70 58	59 56	62 53	56 53	61 56	63 39	45 33	41 28	39 26	43 29	54 30	67 46	65 42	48 34	50 30	50 43	52 42	42 37	40 40	52 26	36 30	32 21	32 27	43 26	34 33	51.5 40.5
ALLEGHENY PLATEAU 08																																
MCHENRY 2 NW	MAX MIN	48 38	52 43	56 48	59 55	65 57	60 55	66 52	56 47	57 47	70 52	58 26	32 23	28 17	27 20	40 22	55 38	65 42	52 31	35 26	40 26	50 34	57 30	36 29	50 31	42 28	36 15	17 10	33 17	32 27	33 27	46.9 33.0
OAKLAND 1 SE	MAX MIN	55 38	56 45	60 52	67 55	64 50	59 51	58 50	46 46	72 48	65 51	42 25	22 22	19 11	24 24	28 28	34 44	55 48	38 39	27 35	34 35	43 39	54 39	45 35	55 39	50 31	34 25	32 19	43 20	40 29	37 31	49.2 31.5
SAVAGE RIVER DAM	MAX MIN	51 30	53 45	59 52	61 57	66 60	64 59	60 54	59 50	54 50	63 51	61 33	40 29	35 26	32 21	39 26	56 31	66 36	60 42	41 31	45 32	48 34	56 36	38 32	46 32	48 29	37 24	25 16	38 16	38 27	32 29	49.0 36.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
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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	
DELAWARE																																
■   ■   ■																																
NORTHERN           01																																
MIDDLETOWN 1 WSW	MAX	67	69	65	77	74	68	66	61	62	70	68	46	40	43	57	65	66	59	50	51	55	55	47	50	49	44	36	45	44	44	56.4
	MIN	44	56	61	63	61	55	55	54	55	56	39	28	30	26	31	37	54	37	35	30	37	35	38	43	32	35	26	22	28	35	41.5
NEHARK UNIVERSITY FARM	MAX	65	71	65	78	70	69	62	60	64	75	64			45	58	66	74	54	49	52	52	53	45	53	49	44	36	46	45	44	57.4
	MIN	56	60	63	62	53	52	54	55	52	36			24	28	34	51	30	34	30	38	42	37	43	30	25	24	25	26	34	40.7	
WILMINGTON WSO AP	MAX	64	69	65	76	71	57	61	59	62	66	46	46	40	43	55	64	65	52	45	46	51	50	46	52	45	41	34	47	37	45	53.3
	MIN	47	55	60	64	57	53	55	55	55	44	33	28	26	24	33	42	43	33	31	30	39	39	39	39	34	27	25	27	25	36	39.9
WILMINGTON PORTER RESVR	MAX	63	67	64	76	71	61	64	58	63	66	46	45	40	41	55	63	64	51	48	50	53	52	45	52	45	41	35	45	36	47	53.6
	MIN	45	53	59	62	55	50	51	52	52	44	34	31	25	25	32	41	42	37	34	35	38	37	36	39	35	27	22	28	27	35	39.4
■   ■   ■																																
SOUTHERN           02																																
BRIDGEVILLE 1 NW	MAX	64	70	68	78	73	67	68	72	70	69	67	47	43	45	60	66	69	66	50	53	59	58	49	50	49	48	37	49	42	50	58.5
	MIN	50	57	61	63	60	59	59	59	56	56	39	31	30	25	32	45	56	37	32	29	32	42	40	45	33	32	25	32	30	33	42.7
DOVER	MAX	65	66	65	67	72	71	66	64	63	70	69	55	50	43	69	67	68	68	59	51	57	60	48	49	60	45	37	47	45	47	58.8
	MIN	45	56	60	56	59	56	58	59	55	56	41	28	33	26	33	45	56	40	35	32	30	42	39	44	34	33	26	30	31	35	42.4
GEORGETOWN 5 SW	MAX	61	66	69	68	77	73	66	68	70	70	69	51	46	41	44	60	66	68	54	50	54	62	50	50	49	50	40	47	51	45	57.8
	MIN	51	57	61	61	59	58	60	59	58	56	40	32	31	24	31	42	51	33	33	22	30	49	41	45	34	37	21	30	30	38	42.5
LEWES 1 SW	MAX	63	65	63	71	67	62	63	72	64	66	64	47	44	43	61	68	70	57	51	50	62	60	52	56	51	50	39	52	43	60	57.9
	MIN	54	57	60	61	58	57	60	59	58	56	38	37	29	25	31	47	48	35	31	30	32	43	42	41	43	30	25	33	32	40	43.1
MILFORD 2 WSW	MAX	64	66	65	76	72	68	67	71	66	72	65	48	43	44	61	68	70	66	57	51	60	60	49	50	50	47	37	51	43	51	58.6
	MIN	51	56	61	61	61	58	59	60	54	56	40	29	30	23	32	45	56	38	31	28	37	41	40	45	32	34	26	32	30	37	42.8

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# SNOWFALL AND SNOW ON GROUND

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DELAWARE																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW SNOWFALL SN ON GND													T																				
NEWMARK UNIVERSITY FARM SNOWFALL SN ON GND																										T							
WILMINGTON WSD AP SNOWFALL SN ON GND WTR EQUIV												T														T							
WILMINGTON PORTER RESVR SNOWFALL SN ON GND																											T						
SOUTHERN 02																																	
BRIDGEVILLE 1 NW SNOWFALL SN ON GND													T																				
MILFORD 2 WSW SNOWFALL SN ON GND														T																			

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# STATION INDEX

MARYLAND AND DELAWARE  
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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
MARYLAND													
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	1	39 28	76 10	57	5P	5P			H	ROSS AVIATION INC.
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	1	38 59	76 30	25	5P	5P			H	ANNAPOLIS POLICE BRKS
ASSATEAGUE STATE PARK	0335	01	WORCESTER	2	38 14	75 08	7	5P	5P			H	ASSATEAGUE STATE PARK
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL	3	39 11	76 40	196	MID	MID		C	HJ	NATL WEATHER SERVICE
BALTIMORE WSO CI	0470	06	BALTO CITY	3	39 17	76 37	91	MID	MID		C		DCMI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN. GEORGES	5	39 02	76 53	120	8A	8A		8A	C	U S DEPT OF AGRICULTURE
BELTSVILLE PLANT STA 5	0705	04	PRN. GEORGES	5	39 01	76 57	100	9A	9A			C	US DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732	06	HARFORD	1	39 30	76 23	365	5P	5P				MD. STATE POLICE
BOYDS 2 NW	1032	06	MONTGOMERY	5	39 13	77 20	580	6P	6P				HUNTER F. STALEY
BRIGHTON DAM	1125	06	MONTGOMERY	4	39 12	77 01	330		MID				WASH. SUB. SANY. COMM.
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER	1	38 34	76 04	5	6P	6P			H	WASTEWATER TRMT PLANT
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	5	39 39	77 29	1610	4P	4P			C	CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES	1	39 03	76 03	46	6P	6P			H	MARION G. LEIBY
CHESTERTOWN	1750	05	KENT	1	39 13	76 04	40	11P	11P			H	T. W. ELIASON, JR.
CLARKSVILLE 3 NNE	1862	06	HOWARD	4	39 15	76 56	365	5P	5P				UNIVERSITY OF MARYLAND
COLLEGE PARK	1995	04	PRN. GEORGES	5	38 59	76 57	90	9A	9A			C	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060	06	HARFORD	6	39 39	76 10	40	MID	MID			H	SUSQUEHANNA ELETRIC CO.
CRISFIELD SOMERS COVE	2215	01	SOMERSET	1	37 59	75 52	8	5P	5P				SOMERS COVE MARINA
CUMBERLAND 2	2282	07	ALLEGANY	5	39 38	78 45	700	6P	7A			H	TIMOTHY B THOMAS
CUMBERLAND POLICE BRKS	2285	07	ALLEGANY	5	39 38	78 50	970	5P	5P				MD. STATE POLICE
DAMASCUS 2 SW	2335	06	MONTGOMERY	5	39 16	77 14	720	7P	7P			H	RICHARD W SCHWERDT
DENTON 1 S	2523	02	CAROLINE	1	38 53	75 50	20	6P	6P			H	EMORY DOBSON
EASTON POLICE BARRACKS	2700	02	TALBOT	1	38 45	76 04	40	5P	5P				MARYLAND STATE POLICE
EDGE MONT	2770	07	WASHINGTON	5	39 40	77 33	905		7A				JOHN W HARNE
EMMITSBURG 2 SE	2906	06	FREDERICK	5	39 41	77 18	416	5P	5P			H	MRS. LUCILLE K. BEALE
FEDERALSBURG	3090	02	CAROLINE	1	38 41	75 46	20					C	SEWAGE TREATMENT PLANT
FREDRICK POLICE BRKS	3348	06	FREDRICK	5	39 25	77 26	380	5P	5P			H	MARYLAND STATE POLICE
FREDERICK 3 E	3355	06	FREDERICK	5	39 24	77 22	385		7A				MISS I. MARY STALEY
FROSTBURG 2	3415	07	ALLEGANY	5	39 40	78 52	2170	7A	7A			H	LEE K CLOSE
GLENN DALE BELL STA	3675	04	PRN GEORGES	4	38 58	76 48	150	4P	4P			H	USDA PLT INTRODUCT STA
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	660	6P	6P				HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON	5	39 42	78 11	428	8A	8A			C	U. OF MD. FRUIT LAB.
LA PLATA 1 W	5080	03	CHARLES	5	38 32	77 00	140	6P	6P			H	C. RUSSELL LEVERING
LAUREL 3 W	5111	04	PRN. GEORGES	4	39 06	76 54	400	MID	MID				WASH. SUB. SANY. COMM.
MCHENRY 2 NW	5832	08	GARRETT	7	39 35	79 22	2680	8A	8A			C	JOSEPH F. JOHENNING
MECHANICVILLE 1 SE	5865	03	ST MARYS	4	38 26	76 43	160	5P	5P				MRS EDITH R BENNETT
MERRILL	5894	08	GARRETT	5	39 36	79 05	1790		9A				DELWOOD E. MERRILL
MILLINGTON	5985	05	KENT	1	39 16	75 51	30	6P	6P			H	LOUIS H. HOLLETT
NEW GERMANY 2	6410	08	GARRETT	5	39 37	79 08	2480					C	LESTER BITTINGER
OAKLAND 1 SE	6620	08	GARRETT	7	39 24	79 24	2420	5P	5P			H	LOGAN WEBER
OWINGS FERRY LANDING	6770	03	CALVERT	4	38 41	76 40	160	5P	5P			H	JAMES E. BOURNE, JR.
PARKTON 2 SW	6844	06	BALTIMORE	1	39 38	76 42	600	11P	11P			C	JOHN R. FOX
PATUXENT RIVER	6915	03	ST MARY'S	4	38 20	76 25	38	MID	MID			C	NAVAL WEATHER SERVICE
PERRY POINT	6980	06	CECIL	1	39 33	76 04	40					C	VETERANS ADMINISTRATION
POCOMOKE CITY	7140	01	WORCESTER	1	38 04	75 33	20	5P	5P			H	ROBERT R WESTFALL
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	5	39 02	77 15	270		MID				WASH. SANITARY COMM.
PRINCESS ANNE	7330	01	SOMERSET	1	38 13	75 41	20	5P	5P			H	MARYLAND ST COLLEGE FRM
ROCKVILLE 3 NE	7705	06	MONTGOMERY	5	39 07	77 06	400	4P	4P			H	MD NATL CAPITAL PARK
ROYAL OAK	7806	02	TALBOT	1	38 43	76 11	10	6P	6P			H	J. L. SWAINE, JR.
SALISBURY	8000	01	WICOMICO	1	38 22	75 35	10	5P	5P				CITY OF SALISBURY
SALISBURY FAA AP	8005	01	WICOMICO	1	38 20	75 31	48	MID	MID			H	FLIGHT SERVICE STATION
SAVAGE RIVER DAM	8065	08	GARRETT	5	39 31	79 08	1495	8A	8A			8A	U S CORPS OF ENGINEERS
SINES DEEP CREEK	8315	08	GARRETT	7	39 32	79 25	2040					C	PA. ELECTRIC CO.
SNOW HILL 4 N	8380	01	WORCESTER	1	38 14	75 23	28	6P	6P			H	CURTIS E. SHOCKLEY
SOLOMONS	8405	03	CALVERT	1	38 19	76 27	12	4P	4P				CHESAPEAKE BIOL. LAB.
TOWSON	8877	06	BALTIMORE	3	39 23	76 34	390	6P	6P				BENDIX FRIEZ
UNIONVILLE	9030	06	FREDERICK	5	39 27	77 11	430	6P	6P			C	G. P. VON EIFF, JR.
UPPER MARLBORD 3 NNW	9070	04	PRN. GEORGES	4	38 52	76 47	98	8A	8A			8A	TOBACCO EXP. FARM
VIENNA	9140	02	DORCHESTER	1	38 29	75 50	12	6P	6P			H	DELMARVA POWER & LIGHT
WALDORF POLICE BRKS	9195	03	CHARLES	5	38 39	76 53	210	5P	5P			H	MD. STATE POLICE
WESTMINSTER 2 SSE	9435	06	CARROLL	1	39 33	76 59	860	7P	7A			H	LARRY A MYERS
WHEATON REGIONAL PARK	9502	06	MONTGOMERY	5	39 04	77 02	330	5P	5P				PARK & PLANNING COMM.
WOODSTOCK	9750	06	BALTIMORE	3	39 20	76 52	460	6P	6P			H	JOHN A HILTZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND DELAWARE  
NOVEMBER 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
DISTRICT OF COLUMBIA												
DALECARLIA RESVR D C	2325	04		5	38 56	77 07	146	5P	5P			CORPS OF ENGINEERS U.S. NAT. ARBORETUM U.S. SOLDIERS HOME
NATIONAL ARBORETUM D C	6350	04		5	38 54	76 58	50	8A	8A		H	
U. S. SOLDIERS HOME DC	9035	04		5	38 56	77 01	230	6P	6P			
DELAWARE												
BRIDGEVILLE 1 NW	1330	02	SUSSEX	1	38 45	75 37	50	5P	5P		H	WILLIAM M'RAY STATE HIGHWAY DEPT. UNIV OF DEL SUBSTATION FREDERICK O. VOGL PIONEER HIBRED CORN CO. MRS BERNARD FRANKEL UNIV. OF DELAWARE NATL WEATHER SERVICE WATER DEPARTMENT
DOVER	2730	02	KENT	2	39 09	75 31	30	5P	5P		H	
GEORGETOWN 5 SW	3570	02	SUSSEX	1	38 38	75 27	45	8A	8A	8AC	H	
LEWES 1 SW	5320	02	SUSSEX	2	38 46	75 09	20	6P	MID		H	
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	2	39 26	75 45	60	4P	4P		H	
MILFORD 2 WSW	5915	02	SUSSEX	2	38 54	75 28	30	5P	5P		H	
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	2	39 40	75 44	90	5P	5P	5P	H	
WILMINGTON WSD AP	9595	01	NEW CASTLE	2	39 40	75 36	79	MID	MID		C HJ	
WILMGTON PORTER RESVR	9605	01	NEW CASTLE	2	39 46	75 32	274	MID	MID		H	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climate of these States may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for these States.

**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 Service Offices 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 Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**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. Time of observation 1:00 p.m., e.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized 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 1941-1970.

**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.

**LATE REPORTS 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 "Monthly Summarized 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.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- 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.
- \* DRAINAGE CODE: 1-CHESAPEAKE 2-COASTAL 3-PATAPSCO 4-PATUXENT 5-POTOMAC 6-SUSQUEHANNA 7-YOUGHIOPENY

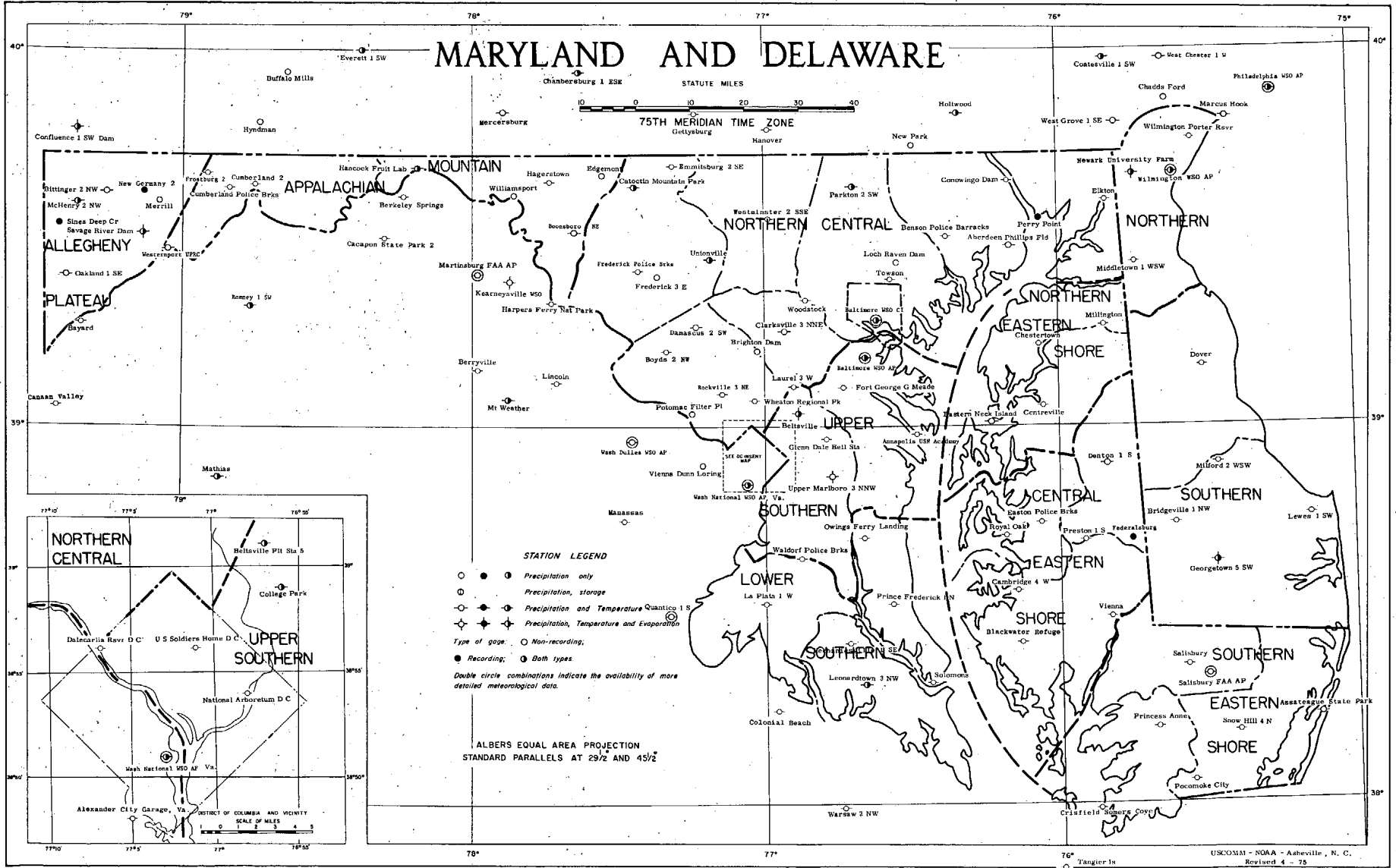
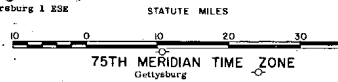
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

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, price 25 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

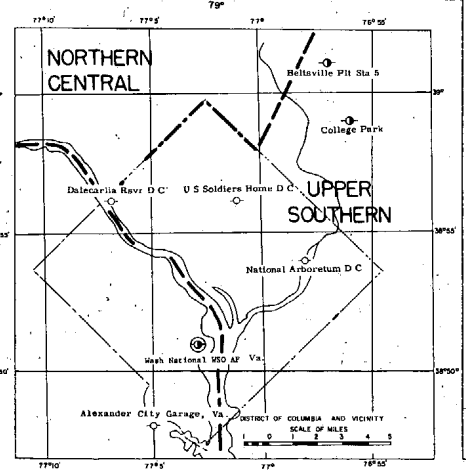
Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

# MARYLAND AND DELAWARE



- STATION LEGEND**
- Precipitation only
  - Precipitation, storage
  - ◐ Precipitation and Temperature Quantico 1 S
  - ◑ Precipitation, Temperature and Evaporation
- Type of gauge: ○ 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



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