



Climatological Data

MARYLAND AND DELAWARE

Temperature and Precipitation Extremes

HIGHEST TEMPERATURE LA PLATA 1 W, MD.	75	DATE	27
LOWEST TEMPERATURE BITTINGER 2 NW, MD.	2	DATE	13
GREATEST TOTAL PRECIPITATION OAKLAND 1 SE, MD.	5.83		
LEAST TOTAL PRECIPITATION BENSON POLICE BARRACKS, MD.	2.29		
GREATEST 1 DAY PRECIPITATION VIENNA, MD.	1.56	DATE	1
GREATEST TOTAL SNOWFALL FROSTBURG 2, MD.	6.1		
GREATEST DEPTH OF SNOW 2 STATIONS	4	DATE	9

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA MARYLAND AND DELAWARE
JANUARY 1974

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Deviation From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Deviation From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										30° or Above	32° or Below	32° or Above	30° or Below										
WESTMINSTER 2 SSE WHEATON REGIONAL PARK WOODSTOCK	43.1 49.2M 46.6	28.6 29.9 29.0	35.9 39.6M 37.8	4.5 5.5	67 71 70	27 27 27	13 14 11	14+ 14 14	895 779 834	0 0 0	8 2 4	22 23 21	0 0 0	4.09 4.08 3.85	1.12 1.19 1.00	22 21 21	2.7 1.5	3 1	9 9	11 10 9	3 1 3	1 0 0	
DIVISION			37.7	5.2										3.53	.67		2.4						
* * * APPALACHIAN MOUNTAIN 07																							
BOONSBORO 1 NE CUMBERLAND CUMBERLAND POLICE BRKS FRDSTBURG 2 HAGERSTOWN	45.7 48.6 53.2M 42.1 45.3	29.9 28.7M 29.0 25.7 30.0	37.8 38.7M 41.1M 33.9 37.7		69 69 66 59 68	27 27 27 28 28+	14 15 13 8 13	13 13 13 14+ 13	834 803 709 957 841	0 0 0 0 0	3 1 9 9 5	19 0 21 24 18	0 0 0 0 0	3.78 3.28 3.92 4.38 3.31		1.22 .71 1.31 .84 .92	21 21 10 11 21	2.2 3.0 1.0 6.1 2.5	2 3 1 4 1	9 9 9 9 10+	9 8 11 7 7	3 2 2 0 0	1 0 2 0 0
HANCOCK FRUIT LAB PICARDY WESTERNPORT UPRC	43.3 47.9	28.5 30.7	35.9 39.3		68 66	28 27	13 13	14	898 790	0 0	5 3	23 18	0 0	2.77 3.72	.26 1.07	.67 1.12	21 10	3.0 2.0	2 T	10+ 9	7 8	2 1	0 1
DIVISION			37.8	6.5										3.59	1.03		2.8						
* * * ALLEGHENY PLATEAU 08																							
BITTINGER 2 NW MCHENRY 2 NW OAKLAND 1 SE SAVAGE RIVER DAM	41.6M 41.5 46.5 44.4	24.7M 25.1 28.2 26.7	33.2M 33.3 37.4 35.6		58 58 61 61	27 27 27 28+	2 4 7 11	13 13 13 13	981 974 851 902	0 0 0 0	8 7 6 7	22 23 21 21	0 0 0 0	5.20 5.46 5.83 4.11		1.09 1.55 1.55 .95	10 11 10 11	5.7 2.5 1.8 2.0	2 1 T 2	9 14+ 24+ 9	10 10 9 8	4 4 5 5	1 1 1 0
DIVISION			34.9	8.1										5.15	1.63		3.0						

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
JANUARY 1974

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										31° or Above	32° or More	31° or Below	32° or Below										
DELAWARE																							
* * *																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	46.7	29.2	38.0		70	27	15	14	832	0	1	22	0	2.78		.50	9	1.0			8	1	0
NEWARK UNIVERSITY FARM	46.4	28.5	37.5	5.3	70	27	12	14	847	0	4	22	0	2.94	.07	.73	11	1.0		1 11+	6	3	0
WILMINGTON WSO AP	43.7	28.6	36.2	4.2	68	27	14	14+	886	0	4	21	0	2.92	.07	.55	11	2.4		2 9	8	3	0
WILMINGTON PORTER RESVR	43.0	28.0	35.5	3.7	67	27	13	14+	910	0	5	22	0	2.48	.51	.69	11	1.0		1 14+	5	2	0
DIVISION			36.8	4.5										2.78	.13			1.4					
* * *																							
SOUTHERN 02																							
BRIDGEVILLE 1 NW	49.6	32.1	40.9	5.9	72	28+	15	14	741	0	0	15	0	3.41	.30	.70	1	T		0	10	3	0
DOVER	49.4	31.8	40.6	5.5	72	28+	15	14	748	0	0	17	0	3.53	.45	.54	9	T		T 9	9	1	0
GEORGETOWN 5 SW	49.3	30.6	40.0		71	28	13	14	769	0	1	19	0	3.57		1.37	1	0		0	8	2	1
LEWES 1 SW	49.3	32.8	41.1		72	27	16	14	731	0	1	15	0	2.37		.51	9	T		0	9	1	0
MILFORD 2 WSW	49.9	31.0	40.5		73	27	12	14	755	0	1	17	0	3.74		.68	1	T		0	8	3	0
DIVISION			40.6	5.2										3.32	.01			T					

See Reference Notes Following Station Index

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JANUARY 1974

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	2.78	.42	.19	.44					.50	.30	.25	T								.07	T	.36			T	.21	.01	.05		.05			
NEWARK UNIVERSITY FARM	2.94	.30	.07	.54		T			.55	.18	.73	T								.09		.31				T	.07	T	.07		.05		
WILMINGTON WSO AP	2.92	.03	.34	.18					.53	.38	.55	T										.28			.14	.01	.03	.08	.10				
WILMINGTON PORTER RESVR	2.48	.05	.56	.48					.05	.28	.69									T		.09			.05		.04	.12	.07				
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	3.41	.70	.15	.45		T	.01		.58	.15	.06	.10										.58			T	.30	.10	T	.02	.24			
DOVER	3.53	.37	.17	.37					.54	.49	.98	.02										.37			.02	.34	.08	.06		.32			
GEORGETOWN 5 SW	3.57	1.37	T	.28	.59	T	.02		.48	.05	.17	T												.22	T	.22	T	.12		.07			
LEWES 1 SW	2.37	.20	.02	.43	.27		.01	.01	.51	.19	.05	T														.10	.16	.10		.08			
MILFORD 2 WSW	3.74	.68	.17	.37		T	T		.53	.57	.08	.09								.01	T	.48			T	.38	.08	.01	T	.29			

See reference notes following Station Index.

SUPPLEMENTAL DATA

MARYLAND AND DELAWARE
JANUARY 1974

	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	Standard of Time EASTERN				Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over			Total
							01	07	13	19									
BALTIMORE WSO AP MD	30	2.6	7.3	30	SW	27	72	75	70	66	4	5	5	2	0	0	16	32	8.1
WILMGTON NCASTLE WSO AP DEL	33	3.0	8.2	31++	34	31	79	81	68	72	1	5	5	3	0	0	14	-	8.1

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
JANUARY 1974

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																															
* * * SOUTHERN EASTERN SHORE 01																															
POCONOKE CITY																															
SALISBURY FAA AP																															
SNOW HILL 4 N																															
* * * CENTRAL EASTERN SHORE 02																															
CAMBRIDGE 4 W																															
ROYAL OAK																															
* * * LOWER SOUTHERN 03																															
LA PLATA 1 W																															
* * * UPPER SOUTHERN 04																															
BALTIMORE WSO AP																															
COLLEGE PARK																															
FORT GEORGE G MEADE																															
GLENN DALE BELL STA																															
* * * NORTHERN EASTERN SHORE 05																															
CHESTERDOWN																															
HILLINGTON																															
* * * NORTHERN CENTRAL 06																															
CONDWINGO DAM																															
EMMITSBURG 2 SE																															
FREDRICK POLICE BARR																															
PARKTON 2 SW																															
UNIONVILLE																															
WESTMINSTER 2 SSE																															
WOODSTICK																															
* * * APPALACHIAN MOUNTAIN 07																															
CUMBERLAND																															
HAGERSTOWN																															
HANCOCK FRUIT LAB																															
* * * ALLEGHENY PLATEAU 08																															
BITTINGER 2 NW																															
OAKLAND 1 SE																															
SAVAGE RIVER DAM																															

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
JANUARY 1974

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							
DELAWARE																																						
* * *																																						
NORTHERN 01																																						
MIDDLETOWN 1 WSW									1.0	-	-	-	-	-																								
									-	-	-	-	-																									
SNOWFALL																																						
SN ON GND																																						
NEWARK UNIVERSITY FARM						T			1.0	1	1	T																										
									1	1	1																											
SNOWFALL																																						
SN ON GND																																						
WILMINGTON WSD AP				T					2.4	1	1	T	T	T	T																T	T						
				T					2	1	1	T	T	T	T																							
SNOWFALL																																						
SN ON GND																																						
WTR EQUIV																																						
WILMINGTON PORTER RESVR				T					1.0	1	1	1	1	1																								
									1	1	1	1	1																									
SNOWFALL																																						
SN ON GND																																						
* * *																																						
SOUTHERN 02																																						
BRIDGEVILLE 1 NW				T					T																													
SNOWFALL																																						
SN ON GND																																						
DOVER				T					T	T																												
									T	T																												
SNOWFALL																																						
SN ON GND																																						

See Reference Notes Following Station Index

STATION INDEX

MARYLAND AND DELAWARE
JANUARY 1974

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			ROSS AVIATION INC.
ANNAPOLIS USN ACADEMY	0185	04	ANNE ARUNDEL	1	38 59	76 29	5	5P	5P			US NAVAL ACADEMY
ASSATEAGUE STATE PARK	0335	01	WORCESTER	2	38 14	75 08	7	6P	6P			ASSATEAGUE STATE PARK
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL	3	39 11	76 40	148	MID	MID		C HJ	NATL WEATHER SERVICE
#BALTIMORE WSO CI	0470	06	BALTO CITY	3	39 17	76 37	14	MID	MID		C	NATL WEATHER SERVICE
BELTSVILLE	0700	04	PRN. GEORGES	5	39 02	76 53	120	8A	8A		BAC	U S DEPT OF AGRICULTURE
BELTSVILLE PLANT STA 5	0705	04	PRN. GEORGES	5	39 01	76 57	100	9A	9A		C	USDA PLANT IND. STA.
BENSDN POLICE BARRACKS	0732	06	HARFORD	1	39 30	76 23	365	5P	5P			MD. STATE POLICE
BITTINGER 2 NW	0881	08	GARRETT	7	39 37	79 15	2700	7P	7P		H	ELBERT E. BUCKEL
BLACKWATER REFUGE	0915	02	DORCHESTER	1	38 26	78 08	5	3P	3P			NAT. WILDLIFE REFUGE
BOGNSBORO 1 NE	0990	07	WASHINGTON	5	39 31	77 39	625	6P	6P			J HOWARD BECKENBAUGH
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.
BROOKDALE	1170	06	MONTGOMERY	5	38 57	77 06	260		7P		H	B. FRANCIS DASHIELL
CAMBRIDGE 4 W	1385	02	DORCHESTER	1	38 34	76 09	5	6P	6P		H	D ARCY MC B. HARDING
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			MARION G. LEIBY
CHARLOTTE HALL 2 SE	1686	02	ST MARYS	4	38 28	76 46	166	5P	5P			INACTIVE 1/1/73
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
COLEMAN 3 WNW	1980	05	KENT	1	39 21	76 08	78	6P	6P			INACTIVE 10/1/71
COLLEGE PARK	1995	04	PRN. GEORGES	5	38 59	76 57	90	5P	5P		C H	UNIVERSITY OF MARYLAND
CONDWINGO DAM	2060	06	HARFORD	6	39 39	76 10	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO.
CRISFIELD SOMERS COVE	2215	01	SOMERSET	1	37 59	75 52	8	5P	5P			SOMERS COVE MARINA
CUMBERLAND	2280	07	ALLEGANY	5	39 39	78 45	900	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			RICHARD W SCHWERDT
DENTON 1 WNW	2523	02	CAROLINE	1	38 54	75 51	40	6P	6P		H	INACTIVE 7/1/73
EASTERN NECK ISLAND	2691	05	KENT	1	39 01	76 14	20	5P	5P			EASTERN NECK WDLDF REF
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			LEE G. HARNE
ELKTON	2860	06	CECIL	1	39 37	75 50	40	6P	6P			H. W. BOUCHELLE
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
FORT GEORGE G MEADE	3230	04	ANNE ARUNDEL	4	39 06	76 45	140	5P	5P		H	FILTRATION PLANT
FREDRICK POLICE BARR	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		8A			MISS I. MARY STALEY
FROSTBURG 2	3415	07	ALLEGANY	5	39 40	78 56	2170	7A	7A			LEE K CLOSE
GLENN DALE BELL STA	3675	04	PRN. GEORGES	4	38 58	76 48	150	4P	4P		H	PLANT INTRO. GARDEN
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	660	6P	6P		H	HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON	5	39 42	78 11	428	8A	8A		C H	U. OF MD. FRUIT LAB.
LA PLATA 1 W	5080	03	CHARLES	5	38 32	77 00	140	5P	5P		H	C. RUSSELL LEVERING
LAUREL 3 W	5111	04	PRN. GEORGES	4	39 06	76 54	400	MID	MID			WASH. SUB. SANY. COMM.
LEONARDTOWN 3 NW	5201	03	ST. MARYS	5	38 19	76 40	110	5P	5P		C H	RADIO STATION WKIK
LDCH RAVEN DAM	5340	06	BALTIMORE	1	39 26	76 33	190		5P			CITY OF BALTIMORE
MCHENRY 2 NW	5832	08	GARRETT	7	39 35	79 22	2680	8A	8A		C	JOSEPH F. JOHENNING
MERRILL	5894	08	GARRETT	5	39 36	79 05	1790		8A			DELWOOD E. MERRILL
MILLINGTON	5985	05	KENT	1	39 16	75 51	30	6P	6P		H	LOUIS H. HOLLETT
NEW GERMANY	6408	08	GARRETT	5	39 38	79 07	2590				C	ARCHIE BITTINGER
OAKLAND 1 SE	6620	08	GARRETT	7	39 24	79 24	2420	5P	5P		H	LOGAN WEBER
DWINGS 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 H	JOHN R. FOX
PERRY POINT	6980	06	CECIL	1	39 33	76 04	40				C	VETERANS ADMINISTRATION
PICARDY	7010	07	ALLEGANY	5	39 33	78 31	1030	6P	6P			POTOMAC HLND. ORCHARD
POTOMAC 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.
PRESTON 1 S	7310	02	CAROLINE	1	38 42	75 55	50	6P	6P		H	FRANKLIN D. NUSBAUM
PRINCE FREDERICK 1 N	7325	03	CALVERT	1	38 33	76 35	135	5P	5P			STANLEY L. WATSON
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			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 30	48	MID	MID		H	FED. AVIATION AGENCY
SAVAGE RIVER DAM	8065	08	GARRETT	5	39 31	79 08	1495	8A	8A		BAC H	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	6P	6P			CHESAPEAKE BIUL. LAB.
SUITLAND	8658	04	PRN. GEORGES	5	38 51	76 56	270	9A	9A			EUGENE H. BROWN

STATION INDEX

MARYLAND AND DELAWARE
JANUARY 1974

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL <small>(SEE NOTES)</small>	
MARYLAND												
TOWSON	8877	06	BALTIMORE	3	39 23	76 34	390	6P	6P			BENDIX FRIEZ G. P. VON EIFF, JR. TOBACCO EXP. FARM DELMARVA POWER & LIGHT MD. STATE POLICE UPPER POTOMAC RIVER COM LARRY A MYERS PARK & PLANNING COMM. HAGERSTOWN WTR. PLANT JOHN A HILTZ
UNIONVILLE	9030	06	FREDERICK	5	39 27	77 11	430	6P	6P		C H	
UPPER MARLBORO 3 NNW	9070	04	PRN. GEORGES	4	38 52	76 47	98	8A	8A	BA		
VIENNA	9140	02	DORCHESTER	1	38 29	75 50	12	6P	6P			
WALDORF POLICE BRKS	9195	03	CHARLES	5	38 39	76 53	210	5P	5P			
WESTERNPORT UPRC	9409	07	ALLEGANY	5	39 29	79 03	950	6P	6P			
WESTMINSTER 2 SSE	9435	06	CARROLL	1	39 33	76 59	860	7P	7A		H	
WHEATON REGIONAL PARK	9502	06	MONTGOMERY	5	39 04	77 02	330	5P	5P			
WILLIAMSPORT	9570	07	WASHINGTON	5	39 37	77 51	360		7A			
WOODSTOCK	9750	06	BALTIMORE	3	39 20	76 52	460	6P	6P		H	
DISTRICT OF COLUMBIA												
DALECARLIA RESVR D C	2325	04		5	38 56	77 07	146	5P	5P			CORPS OF ENGINEERS U.S. NAT. ARBURETUM U.S. SOLDIERS HOME
NATIONAL ARBURETUM D C	6350	04		5	38 54	76 58	50	8A	8A			
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 RAY STATE HIGHWAY DEPT. UNIV OF DEL SUBSTATION FREDERICK D. 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	BAC	H	
LEWES 1 SW	5320	02	SUSSEX	2	38 46	75 09	20	6P	MID			
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			
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	2	39 40	75 44	90	6P	6P	6PC	H	
WILMINGTON WSO AP	9595	01	NEW CASTLE	2	39 40	75 36	74	MID	MID		C HJ	
WILMGTDN PORTER RESVR	9605	01	NEW CASTLE	2	39 46	75 32	274	MID	MID		H	

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 shown by footnote following 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.

CORRECTIONS: Published in the June and December issues of Climatological Data.

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.
- 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-YOUGHIOGHENY

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

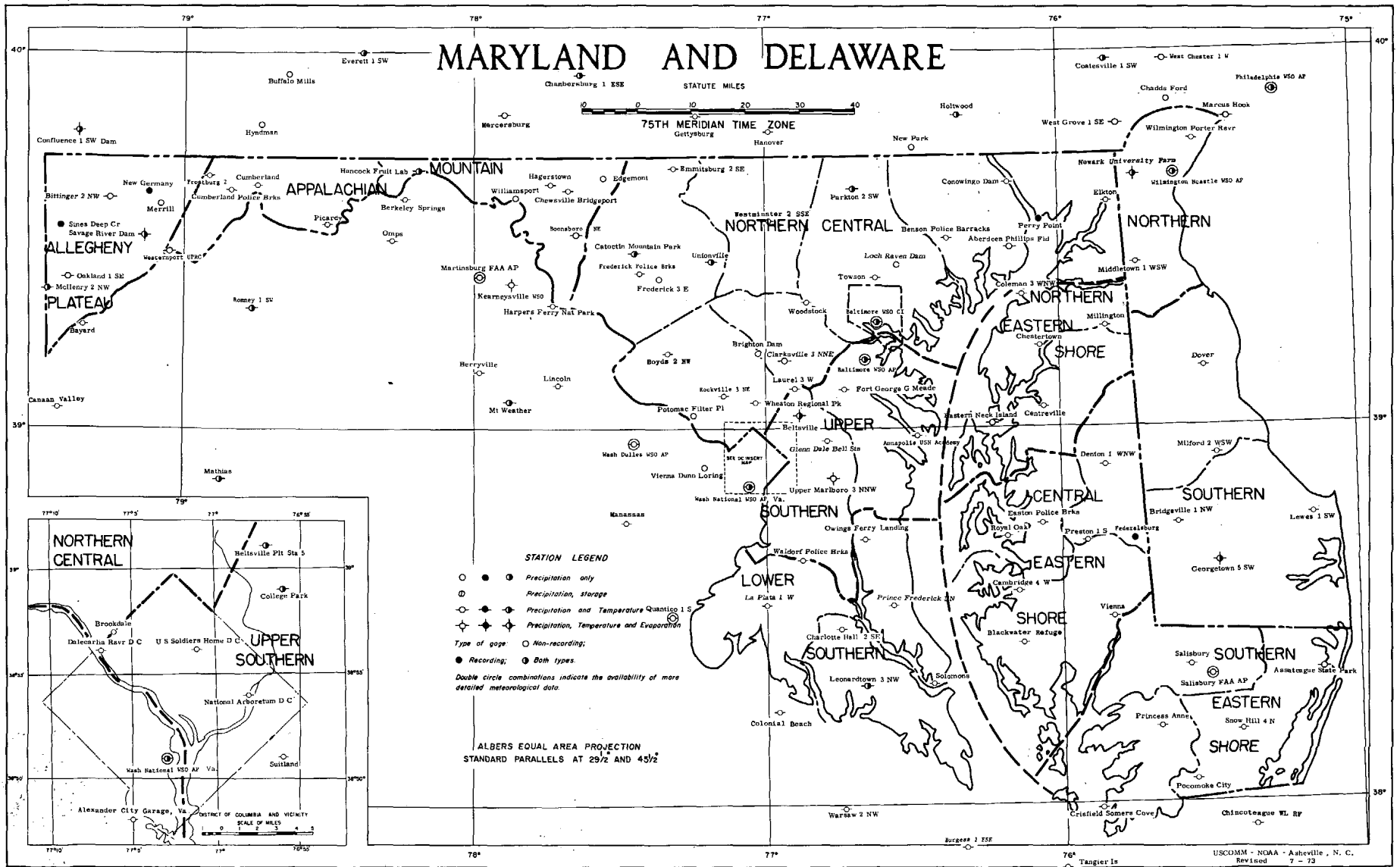
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

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: \$2.50 a year for each section including annual summary; \$1.00 additional for foreign mailing; 20¢ single copy; 20¢ 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.

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.

William H. Hoggard
Director, National Climatic Center



U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE

COM 210



FIRST CLASS

