



Climatological Data

MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	3 STATIONS		102	DATE 21+
LOWEST TEMPERATURE:	OAKLAND 1 SE	MD.	42	DATE 23
GREATEST TOTAL PRECIPITATION:	HANCOCK FRUIT LAB	MD.	7.86	
LEAST TOTAL PRECIPITATION:	WILMOTON PORTER RESVR	DEL.	1.12	
GREATEST 1 DAY PRECIPITATION:	HANCOCK FRUIT LAB	MD.	3.45	DATE 20

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)							RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE AVERAGE (TENTHS)	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	26	2.4	7.5	38	NW	21	78	80	51	57	4	4	5	2	0	0	15	69	4.8	
WILMINGTON WSO AP DEL	26	2.8	8.2	25++	31	21	74	71	48	56	7	4	2	1	0	0	14		5.4	

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

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
JULY
1977

Table with columns for STATION, TEMPERATURE (Average, Highest, Lowest, Degree Days), and PRECIPITATION (Total, Departure from Normal, Greatest Dry). Rows list various Maryland stations like Southern Eastern Shore, Central Eastern Shore, Lower Southern, Upper Southern, Northern Eastern Shore, and Northern Central, each with associated data for July 1977.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
JULY 1977

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 DRY DATE	SNOW. SLEET			NO. OF DAYS				
								MAX.		MIN.		TOTAL	DEPARTURE FROM NORMAL				GREATEST DRY DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE	
								32° OR ABOVE	32° OR BELOW	64° OR BELOW	64° OR BELOW													0° OR BELOW
DELAWARE																								
NORTHERN 01																								
MIDDLETOWN 1 WSW	88.0	65.4	76.7		97 17	52 28+	0	12	0	0	0	0	0	0	2.81		.90 19	.0	0		0	2	0	0
NEWARK UNIVERSITY FARM	88.7	65.0	76.9	1.4	96 20+	52 28+	0	13	0	0	0	0	0	0	2.84	- 1.82	1.17 7	.0	0		0	2	1	0
WILMINGTON WSD AP	86.4	66.4	76.4	.5	97 21+	53 27	0	9	0	0	0	0	0	0	1.38	- 2.93	.60 25	.0	0		0	3	0	0
WILMINGTON PORTER RESVR	85.6	65.0	75.3	.3	95 19	52 28	0	7	0	0	0	0	0	0	1.12	- 3.54	.41 25	.0	0		0	3	0	0
DIVISION			76.3		.6										2.04	- 2.28		.0						
SOUTHERN 02																								
BRIDGEVILLE 1 NW	89.9	66.6	78.3	2.2	100 19	50 28	0	18	0	0	0	0	0	0	1.87	- 3.16	.60 13	.0	0		6	1	0	0
DOVER	90.3	67.7	79.0	2.0	101 19	54 28+	0	18	0	0	0	0	0	0	2.80	- 1.19	1.17 2	.0	0		5	2	0	0
GEORGETOWN 5 SW	88.7	64.5	76.6		101 22	47 28	1	15	0	0	0	0	0	0	1.71		.63 13	.0	0		4	2	1	0
LEWES 1 SW	85.7	65.6	76.2		96 21+	52 28	1	9	0	0	0	0	0	0	1.59		.60 12	.0	0		4	2	1	0
MILFORD 2 WSW	91.6	65.9	78.8		102 21+	50 28	0	22	0	0	0	0	0	0	2.01		1.30 7	.0	0		4	1	1	0
DIVISION			77.8	1.5											2.00	- 2.57		.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JULY 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																																				
MIDDLEBURN 1 WSW	2.81						.79				T										.04	.80	.02	.01										.38		
NEWARK UNIVERSITY FARM	2.84						1.17				T										.18													.03	.40	
WILMINGTON HSD AP	1.38	T					.04				T										.09	T												.60	.70	
WILMINGTON PORTER RESVR	1.12				T		.28														.08	T												.60	.19	
							.04				T										.08													.41	.21	
* * * * *																																				
SOUTHERN 02																																				
BRIDGEVILLE 1 NW	1.87						.42				T										.04													.11	.19	
DOVER	2.80						.76	.01														.01												.09	.22	
GEORGETOWN 5 SW	1.71						.58	.06																										.32	.27	
LEWES 1 SW	1.59		.22				.04				T																							.01	.08	
MILFORD 2 WSW	2.01	T	T				1.30		.02													T												T	.16	.33

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS
WITH ONE INCH OR MORE ON GROUND

SEASON OF 1976 - 1977

MARYLAND AND DELAWARE

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
MARYLAND															
* * *															
SOUTHERN EASTERN SHORE 01															
ASSATEAGUE STATE PARK	SNOWFALL 1 IN ON GD						1.7 -	- -						- -	
CRISFIELD SOMERS COVE	SNOWFALL 1 IN ON GD						- -	- -						- -	
POCOMOKE CITY	SNOWFALL 1 IN ON GD					1.7 1	3.1 2	7.6 3						12.4 6	
PRINCESS ANNE	SNOWFALL 1 IN ON GD						5.5 -	- -						- -	
SALISBURY	SNOWFALL 1 IN ON GD					- -	2.0 -	- -						- -	
SALISBURY FAA AP	SNOWFALL 1 IN ON GD					6.7 3	3.3 4	6.3 5						16.3 12	
SNOW HILL 4 N	SNOWFALL 1 IN ON GD					2.5 1	4.2 2	7.3 4	.1					14.1 7	
* * *															
CENTRAL EASTERN SHORE 02															
BLACKWATER REFUGE	SNOWFALL 1 IN ON GD					T	- -	- -						- -	
CAMBRIDGE 4 W	SNOWFALL 1 IN ON GD					1.0	3.0 3	7.5 7						11.5 10	
DENTON 1 S	SNOWFALL 1 IN ON GD					T	2.0	7.4 13		T				9.4 13	
EASTON POLICE BARRACKS	SNOWFALL 1 IN ON GD						- 2	- -						- -	
PRESTON 1 S	SNOWFALL 1 IN ON GD					1.5	4.0 3	- -						- -	
ROYAL OAK	SNOWFALL 1 IN ON GD					1.5	3.0 3	10.8 23						15.3 26	
VIENNA	SNOWFALL 1 IN ON GD					1.0	- -	4.5 -						- -	
* * *															
LOWER SOUTHERN 03															
LA PLATA 1 W	SNOWFALL 1 IN ON GD					T	3.7 4	11.1 31	T 2					14.8 37	
MECHANICSVILLE 1 SE	SNOWFALL 1 IN ON GD					.5	- -	- -						- -	
OWINGS FERRY LANDING	SNOWFALL 1 IN ON GD						4.5 4	13.0 30						17.5 34	
PATUXENT RIVER	SNOWFALL 1 IN ON GD						- -	10.3 4	T					- -	
PRINCE FREDERICK 1 N	SNOWFALL 1 IN ON GD					1.5 -	6.3 4	- -	- -					- -	
SOLOMONS	SNOWFALL 1 IN ON GD					- -	- -	15						- -	
WALDORF POLICE BRKS	SNOWFALL 1 IN ON GD					T	T	- -						- -	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS
WITH ONE INCH OR MORE ON GROUND

SEASON OF 1976 - 1977

MARYLAND AND DELAWARE

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
MARYLAND															
* * *															
UPPER SOUTHERN	04														
ANNAPOLIS POLICE BRKS	SNOWFALL 1 IN ON GD						-	-	-					-	-
BALTIMORE WSO AP	SNOWFALL 1 IN ON GD					1.1	1.5	8.5	T	T	T			11.1	19
BELTSVILLE	SNOWFALL 1 IN ON GD					.6	-	-						-	-
BELTSVILLE PLANT STA 5	SNOWFALL 1 IN ON GD					.5	1.2	9.0						10.7	26
COLLEGE PARK	SNOWFALL 1 IN ON GD					.8	1.2	8.6	T		T			10.6	29
DALECARLIA RESVR D C	SNOWFALL 1 IN ON GD					T	-	6.0						-	-
GLENN DALE BELL STA	SNOWFALL 1 IN ON GD					1.0	1.1	-						-	29
LAUREL 3 W	SNOWFALL 1 IN ON GD					T	2.5	9.5	T					12.0	-
NATIONAL ARBORETUM D C	SNOWFALL 1 IN ON GD					-	-	2.4						-	-
U. S. SOLDIERS HOME DC	SNOWFALL 1 IN ON GD					-	-	-						-	-
UPPER MARLBORO 3 NNW	SNOWFALL 1 IN ON GD					1.3	1.5	7.6						10.4	30
* * *															
NORTHERN EASTERN SHORE 05															
CENTREVILLE	SNOWFALL 1 IN ON GD					-	4.5	15.0						-	30
CHESTERTOWN	SNOWFALL 1 IN ON GD					.5	2.7	9.9		2				13.1	30
MILLINGTON	SNOWFALL 1 IN ON GD					.5	3.0	10.0						13.5	25
* * *															
NORTHERN CENTRAL 06															
ABERDEEN PHILLIPS FLD	SNOWFALL 1 IN ON GD					T	-	-	6					-	-
BALTIMORE WSO CI	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENSON POLICE BARRACKS	SNOWFALL 1 IN ON GD					T	-	8.3	T	T				-	35
BOYDS 2 NW	SNOWFALL 1 IN ON GD					1.0	1.0	15.0		T				17.0	36
BRIGHTON DAM	SNOWFALL 1 IN ON GD					T	-	17.0						-	-
CATOCTIN MOUNTAIN PARK	SNOWFALL 1 IN ON GD					1.0	6.1	16.3	3.9	T	T			27.3	-
CLARKSVILLE 3 NNE	SNOWFALL 1 IN ON GD					1.0	1.5	10.9	T	T				13.4	35
CONOWINGO DAM	SNOWFALL 1 IN ON GD					-	2.5	11.5						-	-

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1976 - 1977

MARYLAND AND DELAWARE

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
MARYLAND -															
DAMASCUS 2 SW	SNOWFALL 1 IN ON GD					1.4 2	1.9 2	12.4 27	.8 11	.2	.1	T		16.8 42	
ELKTON	SNOWFALL 1 IN ON GD					-	-	-	-	-	-	-		-	
EMMITSBURG 2 SE	SNOWFALL 1 IN ON GD					1.5	2.5 4	17.5 25	3.0 11	T	T			24.5 40	
FREDRICK POLICE BRKS	SNOWFALL 1 IN ON GD						4.0 6	-	1.0 9					-	
FREDERICK 3 E	SNOWFALL 1 IN ON GD					2.0	-	16.0	-					-	
LOCH RAVEN DAM	SNOWFALL 1 IN ON GD					.4	3.0	11.1	-					-	
PARKTON 2 SW	SNOWFALL 1 IN ON GD					1.4 2	4.2 4	12.5 25	.5 9	.5	T			19.1 40	
POTOMAC FILTER PLANT	SNOWFALL 1 IN ON GD					-	-	-	-					-	
ROCKVILLE 3 NE	SNOWFALL 1 IN ON GD					T	-	3.6 27	8					-	
TOWSON	SNOWFALL 1 IN ON GD					T	-	11.0 24	T 3					-	
UNIONVILLE	SNOWFALL 1 IN ON GD					1.9	3.5 6	12.1 31	T	T				17.5	
WESTMINSTER 2 SSE	SNOWFALL 1 IN ON GD					1.2 1	4.0 6	14.9 31	T 11	-	T	T		-	
WHEATON REGIONAL PARK	SNOWFALL 1 IN ON GD					T	1.0 3	8.0 27	T 11					9.0 41	
WOODSTOCK	SNOWFALL 1 IN ON GD					1.5	3.5 2	17.0 25	10					22.0 37	
* * *															
APPALACHIAN MOUNTAIN 07															
BOONSBORO 1 NE	SNOWFALL 1 IN ON GD					2.2	-	14.5 27	1.0 5	T	T			-	
CUMBERLAND 2	SNOWFALL 1 IN ON GD					4.0 1	4.2 6	11.0 26	2.0 7					21.2 40	
CUMBERLAND POLICE BRKS	SNOWFALL 1 IN ON GD					4.0 1	-	12.5 27	3.0 10					-	
EDGEMONT	SNOWFALL 1 IN ON GD					-	-	13.5 31	1.9 17					-	
FROSTBURG 2	SNOWFALL 1 IN ON GD				T	16.1 12	28.1 20	46.5 31	18.3 26	4.8 3	4.0 2	T		117.8 94	
HAGERSTOWN	SNOWFALL 1 IN ON GD					-	-	15.0 2	1.0	T				-	
HANCOCK FRUIT LAB	SNOWFALL 1 IN ON GD					3.4 2	2.5 6	12.8 26	2.0 12		T			20.7 46	
WESTERNPORT UPRC	SNOWFALL 1 IN ON GD				-	-	-	-	T 27	T	-			-	
* * *															
ALLEGHENY PLATEAU 08															
MCHENRY 2 NW	SNOWFALL 1 IN ON GD				T	14.0 13	20.5 18	40.0 31	20.5	4.0 4	4.0 2			103.0	
MERRILL	SNOWFALL 1 IN ON GD					11.2	17.8 13	37.7 31	12.9 21	1.7 1	-			-	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS
WITH ONE INCH OR MORE ON GROUND

SEASON OF 1976 - 1977

MARYLAND AND DELAWARE

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
MARYLAND															
OAKLAND 1 SE	SNOWFALL 1 IN ON GD				.3	26.0 11	15.7 13	27.4 31	14.0 22	2.5 2	3.5 1			89.4 80	
SAVADE RIVER DAM	SNOWFALL 1 IN ON GD					- 8	- 11	- 31	- 16	T				- 66	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS
WITH ONE INCH OR MORE ON GROUND

SEASON OF 1976 - 1977

MARYLAND AND DELAWARE

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
DELAWARE															
* * *															
NORTHERN	01														
MIDDLETOWN 1 WSW	SNOWFALL 1 IN ON GD					.5	2.0 1	7.5 -						10.0	-
NEWARK UNIVERSITY FARM	SNOWFALL 1 IN ON GD					T	1.0 1	12.0 22		3				13.0	26
WILMINGTON WSO AP	SNOWFALL 1 IN ON GD					.1	3.2 6	14.5 25	T 4		T			17.8	35
WILMINGTON PORTER RESVR	SNOWFALL 1 IN ON GD					T	- -	15.5 16	T					-	-
* * *															
SOUTHERN	02														
BRIDGEVILLE 1 NW	SNOWFALL 1 IN ON GD					1.0	4.5 5	9.5 16						15.0	21
DOVER	SNOWFALL 1 IN ON GD					- 1	4.0 3	10.8 6						-	10
GEORGETOWN 5 SW	SNOWFALL 1 IN ON GD					1.0	- 3	10.5 12						-	15
LEWES 1 SW	SNOWFALL 1 IN ON GD					.8	5.1 5	9.5 17						15.4	22
MILFORD 2 WSW	SNOWFALL 1 IN ON GD					2.0 1	6.0 5	15.3 15	T					23.3	21

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JULY 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				
DELAWARE																																			
NORTHERN 01																																			
MIDDLETOWN 1 WSW	MAX MIN	85 72	85 64	84 55	89 63	90 67	89 71	87 68	89 71	89 69	86 57	80 87	90 71	91 69	91 84	95 64	97 70	96 72	95 68	94 74	95 68	95 71	83 53	87 58	87 72	78 61	78 52	79 52	84 58	83 65	88 61	88 61	88.0 65.4		
NEWARK UNIVERSITY FARM	MAX MIN	87 70	86 62	84 54	88 62	91 56	90 71	89 65	89 71	89 69	85 69	85 65	90 70	91 70	91 67	91 66	94 65	96 70	96 72	96 69	95 72	95 73	94 72	85 54	88 57	89 70	79 59	78 52	80 52	85 57	84 64	89 63	89 63	88.7 65.0	
WILMINGTON WSD AP	MAX MIN	86 72	84 63	81 57	85 66	90 69	84 68	90 70	85 72	86 70	79 68	88 71	91 71	88 67	93 66	95 68	93 72	95 73	97 68	88 71	97 74	97 75	87 63	83 54	88 61	83 69	79 61	79 53	78 56	81 61	76 65	88 65	88 65	86.4 66.4	
WILMINGTON PORTER RESVR	MAX MIN	85 70	82 63	83 60	84 66	89 66	85 70	80 67	88 69	85 70	84 65	79 63	88 67	85 66	90 69	87 67	91 66	94 67	94 71	91 69	95 70	86 69	94 73	84 66	83 56	87 62	82 66	77 57	77 54	80 52	83 55	78 66	88 65	88 65	85.6 65.0
SOUTHERN 02																																			
BRIDGEVILLE 1 NW	MAX MIN	93 71	87 67	87 66	90 64	93 69	95 73	90 69	93 70	89 71	88 67	84 69	93 72	92 71	90 71	93 63	96 66	97 69	92 72	100 70	94 75	99 74	94 71	85 52	88 55	84 70	82 55	82 57	81 50	85 59	80 67	91 60	91 60	89.9 66.6	
DOVER	MAX MIN	91 65	90 66	86 70	88 72	93 70	91 75	84 68	91 70	90 72	88 71	80 69	92 71	93 70	92 66	99 69	99 73	98 72	101 72	100 75	100 76	98 73	88 54	89 56	88 70	81 64	81 56	80 54	83 47	82 54	91 65	91 62	90.3 67.7		
GEORGETOWN 5 SW	MAX MIN	87 70	92 65	87 65	87 62	88 66	92 71	90 68	87 69	92 68	89 66	84 68	82 70	90 68	92 70	90 61	93 63	95 66	96 72	94 68	100 72	91 72	101 71	90 50	85 52	86 69	85 63	81 54	80 47	80 54	87 65	77 56	77 56	88.7 64.5	
LEWES 1 SW	MAX MIN	94 71	83 65	78 60	90 63	89 68	83 69	81 70	90 71	86 71	80 68	78 69	88 72	93 70	85 65	86 65	94 68	96 69	92 73	95 71	88 72	96 72	87 73	82 56	89 58	89 72	77 67	76 57	75 52	79 58	72 63	87 61	87 61	85.7 66.6	
MILFORD 2 WSW	MAX MIN	93 72	90 65	88 54	93 62	94 67	92 72	93 68	90 70	88 71	80 67	93 69	95 72	94 70	95 62	97 66	100 70	100 72	102 70	100 75	102 75	98 73	90 53	90 56	89 70	82 62	81 55	81 50	86 55	80 68	91 61	91 61	91.6 65.9		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1976 - 1977

MARYLAND AND DELAWARE

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
MARYLAND														
* * *														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE STATE PARK	0	0	12	300	640	866	1194	796	538	264	102	10	4722	
CRISFIELD SOMERS COVE				257	630	874	1175	775	438	180	39			3759
POCOMOKE CITY	0	1	15	285	646	869	1175	713	429	214	70	13	4430	
PRINCESS ANNE	0	10	46	341	667	920	1214	737	441	253	89	15	4733	
SALISBURY	0	2	26	246	654	880	1190	715	441	224	82	19	4579	3985
SALISBURY FAA AP	0	7	35	351	704	929	1266	820	505	282	102	16	5017	
SNOW HILL 4 N	0	7	32	326	690	907	1213	757	473	261	93	24	4783	4239
* * *														
CENTRAL EASTERN SHORE 02														
BLACKWATER REFUGE	0	3	31	330	660									4310
CAMBRIDGE 4 W	0	1	24	324	679	937	1253	779	441	241	68	11	4758	
DENTON 1 S	0	3	32	356	683	963	1247	783	449	251	80	17	4866	4409
EASTON POLICE BARRACKS	0	3	24	359	665	907	1243	737	425	211	64	10	4648	4299
PRESTON 1 S	0	1	32	353	686	936								
ROYAL OAK	0	2	23	313	652	925	1240	772	434	232	55	11	4659	
VIENNA	0	3		319	658	890	1184	745	410	185	53	12		
* * *														
LOWER SOUTHERN 03														
LA PLATA 1 W	0	1	31	351	694	944	1267	724	412	234	69	22	4749	4348
MECHANICSVILLE 1 SE	0	2	32		712		1266	775	431	247	80	21		
OWINGS FERRY LANDING	0	2	30	382	697	979	1276	757	429	204	43			4271
PAUXENT RIVER			6	278	659	819	1260	745	425	237	75	4		
PRINCE FREDERICK 1 N	0	5	31	355	676	938								
SOLOMONS	0	0	6	285	621	866	1189	742	425	200	38	3	4375	3919
WALDORF POLICE BRKS	0	1	29	340	687	949	1275	775	425	215	48	12	4756	
* * *														
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0	0	19	351	676	965	1266	766	452	222	53	16	4786	4548
BALTIMORE WSO AP	0	0	34	377	716	1001	1296	790	469	245	62	18	5008	4729
BELTSVILLE	0	4	57	439	762	1087	1334	862	524	287	94	30	5480	
BELTSVILLE PLANT STA 5	0	6	51	398	739	1018	1292	829	494	290	80	29	5226	
COLLEGE PARK	0	2	31	388	706	1001	1276	793	483	272	71	22	5045	4440
DALECARLIA RESVR D C	0	1	23	359	695	968	1269	784	499	232	57	24	4911	
GLENN DALE BELL STA	0	10	43	413	765	992	1285	794	464	272	85	32	5155	4646
LAUREL 3 W	0	3	41	362	795	1127	1359	827	494	279	74	34	5395	
NATIONAL ARBORETUM D C	0	3	36	403	692	1001	1267	776	459	249	70	18	4974	
U. S. SOLDIERS HOME DC	0	0	23	348	651	931	1253	737	423	206	40	15	4627	
UPPER MARLBORO 3 NNW	1	8	53	442	738	1054	1335	833	509	292	91	27	5383	
* * *														
NORTHERN EASTERN SHORE 05														
CENTREVILLE	0	9	40	387	680	973	1261	780	460	260	74	21	4945	
CHESTERTOWN	0	2	42	399	738	1047	1324	825	485	267	64	26	5219	4516
MILLINGTON	0	5	63	416	777	1057	1343	864	531	311	97	33	5497	4614
* * *														
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	0	4	39	358	685	1010	1288	821	471	269	62	19	5026	
BALTIMORE WSO CI	0	0	10	301	603	907	1178	710	406	196	44	13	4368	4101
BENSON POLICE BARRACKS	1	1	41	398	722		1345	857	519		81	26		
BOYDS 2 NW	0	2	46	422	730	1035	1360	821	478	271	61	27	5253	
CATOCTIN MOUNTAIN PARK	1	17	97	499	819	1136	1492	927	594	341	85	63	6071	
CLARKSVILLE 3 NNE	0	9	61	435	786	1055	1362	853	538	330	97	30	5556	
CONWINGO DAM	0	4	52		1122		1400	922	618	434		29		5184
DAMASCUS 2 SW	0	9	65	443	756	1060	1394	841	523	303	87	41	5522	
ELKTON	0	2	60	406	795									4833
EMMITSBURG 2 SE	1	20	121	470	768	1092	1388	886	552	345	86			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1976 - 1977

MARYLAND AND DELAWARE

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
MARYLAND														
FREDRICK POLICE BRKS	0	2	37	377	697	1033	1319	817	464	248	47	17	5058	
PARKTON 2 SW	1	17	100	487	810	1130	1426	913	582	364	129	58	6017	
ROCKVILLE 3 NE		0	61	393	726	987	1299	785	464	256	80	31		
TOWSON	0	1	26	327	693	969	1242	739	460	254	53	22	4786	
UNIONVILLE	1	21	100	461	824	1118		905	565	376	113	48		5372
WESTMINSTER 2 SSE														
WHEATON REGIONAL PARK	0	11	70	450	790	1088	1431	885		337	82	43		5162
WOODSTOCK	0	6	63	447	760	1024	1319	847	505	288	81			
	0	3	61	412	758	1048	1355	842	517	297	71	29	5393	5011
* * *														
APPALACHIAN MOUNTAIN 07														
BOONSBORO 1 NE	0	10	47	330	747	991	1392	907	490	239				
CUMBERLAND 2	0	5	57	433	788	1080	1380	842	485	279	60	32	5441	
CUMBERLAND POLICE BRKS	0	15	66	460	813		1414	883	535	320	80	39		
FROSTBURG 2	36	53	205	615	945	1269	1634	1080	751	453	155			
HAGERSTOWN	0	7	54	475	782	1111	1435	871	550	311	53	53	5702	
HANCOCK FRUIT LAB	6	19	102	503	815	1140	1435	916	604	355	106	60	6061	
WESTERNPORT UPRC							1415	906	525					5012
* * *														
ALLEGHENY PLATEAU 08														
MCHENRY 2 NW	56	73	212	661	1025	1332	1675	1196	778	452	155	135	7750	
OAKLAND 1 SE	47	88	196	590	981	1220	1616	1090	688	446	166	154	7282	6508
SAVAGE RIVER DAM	24	48	166	593	932	1255	1556	1060	673	380	132	98	6917	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1976 - 1977

MARYLAND AND DELAWARE

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
DELAWARE														
* * *														
NORTHERN 01														
MIDDLETOWN 1 WSW	0	6	41	371	701	1019	1297	806	492	272	71	23	5099	
NEWARK UNIVERSITY FARM	0	5	43	378	729	1049	1320	846	519	299	86	23	5297	4944
WILMINGTON WSO AP	0	4	44	387	734	1047	1361	884	546	333	107	32	5479	4940
WILMGTN PORTER RESVR	0	13	89	423	772	1070	1385	871	530	324	94	33	5604	5044
* * *														
SOUTHERN 02														
BRIDGEVILLE 1 NW	0	3	35	346	706	972	1273	782	446	234	77	21	4895	4495
DOVER	0	2	23	336	663	945	1233	753	443	249	69	17	4733	4357
GEORGETOWN 5 SW	0	16	60	413	747	1010	1304	818	514	293	109	33	5317	
LEWES 1 SW	0	3	35	357	700	952	1269	778	499	287	91	34	5005	
MILFORD 2 WSW	0	6	36	337	695	959	1267	763	429	253	79	19	4843	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
JULY 1977

STATION	DAY OF MONTH																															TOTAL OR AVG.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MARYLAND																																		
UPPER SOUTHERN 04																																		
BELTSVILLE	EVAP	.59	-	.27	.16	.42	.19	.15	.50	.23	.91	.11	.36	.22	.33	.15	.48	.35	.18	.33	.15	.27	.38	.26	.32	.08	.20	.27	.15	.21	.08	8.588		
	WIND	51	28	32	33	34	21	36	22	22	75	40	37	28	15	15	29	30	16	24	20	41	23	20	82	47	21	19	28	34	13	936		
	MAX	93	93	93	93	93	98	100	94	97	97	80	97	99	103	101	94	-	98	103	98	102	101	104	94	79	94	95	-	90	90	95.5		
	MIN	66	68	62	62	61	73	75	75	76	61	71	73	74	72	86	71	-	75	76	76	75	68	65	66	66	63	60	-	68	68	69.7		
UPPER HARLBORO 3 NNW	EVAP	.33	.17	.35	.28	.22	.23	.29	-	.22	.16	.20	.10	.23	.22	.31	.26	.29	.54	.25	.17	.28	.38	.28	.38	.06	.30	.29	.26	.21	.17	7.688		
	WIND	48	16	30	24	24	16	24	13	21	17	34	28	39	20	22	13	20	33	21	28	28	48	59	26	79	50	40	34	27	33	31	948	
	MAX	92	92	92	94	93	97	102	91	95	92	93	84	97	98	98	99	100	100	96	101	94	100	93	92	91	76	89	89	90	92	88	93.6	
	MIN	63	68	60	61	66	70	72	72	73	73	71	71	71	72	70	70	70	73	72	73	72	71	56	57	63	64	61	58	58	63	66	67.1	
ALLEGHENY PLATEAU 08																																		
SAVAGE RIVER DAM	EVAP	.32	.21	.30	.08	.06	.09	.39	.28	.19	.14	.06	.10	.31	.22	.35	.09	.17	.26	.16	.24	.27	.24	.30	.24	.14	.23	.14	.23	.29	.26	6.67		
	WIND	45	57	68	22	47	53	75	62	44	39	19	26	37	47	38	27	21	45	36	65	88	59	50	37	30	53	75	24	28	21	55	1403	
	MAX	84	80	88	90	81	89	93	92	88	87	79	85	91	90	96	96	96	92	96	94	92	92	91	92	90	76	81	89	86	81	82	88.4	
	MIN	67	60	55	55	63	63	67	69	65	67	66	69	69	65	63	63	64	70	68	67	72	69	70	55	55	57	54	54	57	63	64	63.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
JULY 1977

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
DELAWARE																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM	EVAP	.24	.32	.30	.24	.08	.32	-.19	-.13	-.22	-.22	-.15	-.04	-.20	-.37	-.17	-.28	-.26	-.26	-.31	-.30	-.21	-.29	-.54	-.27	-.16	-.29	-.23	-.22	-.10	-.20	-.13	7.24
	WIND	34	50	28	25	28	20	17	20	22	26	28	29	26	28	22	17	19	22	21	24	33	66	47	24	25	45	31	16	14	13	17	831
	MAX	92	88	92	92	94	95	98	93	94	90	91	96	99	100	100	102	101	102	101	101	98	98	91	95	94	86	90	91	92	93	95	95.0
MIN	72	67	61	68	71	75	70	73	73	71	68	70	74	70	68	70	77	75	75	76	76	70	58	64	70	63	59	60	65	68	67	69.2	
SOUTHERN 02																																	
GEORGETOWN 5 SW	EVAP	.37	.37	.44	.35	.30	.31	.50	.14	.24	.21	.27	.19	.40	.28	.36	.36	.35	.45	.25	.41	.27	.44	.54	.30	.38	.17	.38	.36	.26	.27	.06	9.98
	WIND	97	77	68	61	86	42	70	41	37	35	64	62	108	56	6	0	0	0	1	1	0	0	0	0	0	1	-	-	-	-	-	11328

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
JULY 1977

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	OCMI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN. GEORGES	5	39 02	76 53	120	8A	8A			BAC H	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. SANIT. COMM.
CAMBRIDGE 4 W	1385	02	DORCHESTER	1	38 34	76 09	5	6P	6P				D ARCY MC B. HARDING
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	5	39 39	77 29	1610	4P	4P			C H	CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES	1	39 03	76 03	46	6P	6P				MARTON G. LEIBY
CHESTERTOWN	1750	05	KENT	1	39 13	76 04	40	11P	11P				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 H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060	06	HARFORD	6	39 39	76 10	40	MID	MID				SUSQUEHANNA ELECTRIC 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				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 S	2523	02	CAROLINE	1	38 53	75 50	20	6P	6P				EMORY DOBSON
EASTON POLICE BARRACKS	2700	02	TALBOT	1	38 45	76 04	40	5P	5P				MARYLAND STATE POLICE
EDGEMONT	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				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				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 56	2170	7A	7A				LEE K CLOSE
GLENN DALE BELL STA	3675	04	PRN. GEORGES	4	38 58	76 48	150	4P	4P				PLANT INTRO. GARDEN
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 H	U. OF MD. FRUIT LAB.
LA PLATA 1 W	5080	03	CHARLES	5	38 32	77 00	140	6P	6P				C. RUSSELL LEVERING
LAUREL 3 W	5111	04	PRN. GEORGES	4	39 06	76 54	400	MID	MID				WASH. SUB. SANIT. COMM.
MCHENRY 2 NW	5832	08	GARRETT	7	39 35	79 22	2680	8A	8A			C H	JOSEPH F. JOHENNING
MECHANICSVILLE 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				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				LOGAN WEBER
OWINGS FERRY LANDING	6770	03	CALVERT	4	38 41	76 40	160	5P	5P				JAMES E. BOURNE, JR.
PARKTON 2 SW	6844	06	BALTIMORE	1	39 38	76 42	600	11P	11P			C H	JOHN R. FOX
PATUXENT RIVER	6915	03	ST MARY'S	4	38 20	76 25	38	MID	MID				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				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				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				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				FLIGHT SERVICE STATION
SAVAGE RIVER DAM	8065	08	GARRETT	5	39 31	79 08	1495	8A	8A			BAC	U S CORPS OF ENGINEERS
SINES DEEP CREEK	8315	08	GARRETT	7	39 32	79 25	2040						PA. ELECTRIC CO.
SNOW HILL 4 N	8380	01	WORCESTER	1	38 14	75 23	28	6P	6P				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 H	G. P. VON EIFF, JR.
UPPER MARLBORO 3 NNW	9070	04	PRN. GEORGES	4	38 52	76 47	98	8A	8A			BAC	TOBACCO EXP. FARM
VIENNA	9140	02	DORCHESTER	1	38 29	75 50	12	6P	6P				DELMARVA POWER & LIGHT
WALDORF POLICE BRKS	9195	03	CHARLES	5	38 39	76 53	210	5P	5P				MD. STATE POLICE
WESTERNPORT UPRC	9409	07	ALLEGANY	5	39 29	79 03	950	5P	6P				UPPER POTOMAC RIVER COM
WESTMINSTER 2 SSE	9435	06	CARROLL	1	39 33	76 59	860	7P	7A				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				JOHN A HILTZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
JULY 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			
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			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			
GEORGETOWN 5 SW	3570	02	SUSSEX		1 38 38	75 27	45	8A	8A	8A		
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			
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	5P	5P	5P		
WILMINGTON WSO AP	9595	01	NEW CASTLE		2 39 40	75 36	79	MID	MID		C HJ	
WILMGTN PORTER RESVR	9605	01	NEW CASTLE		2 39 46	75 32	274	MID	MID			

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-YOUGHIOGHENY

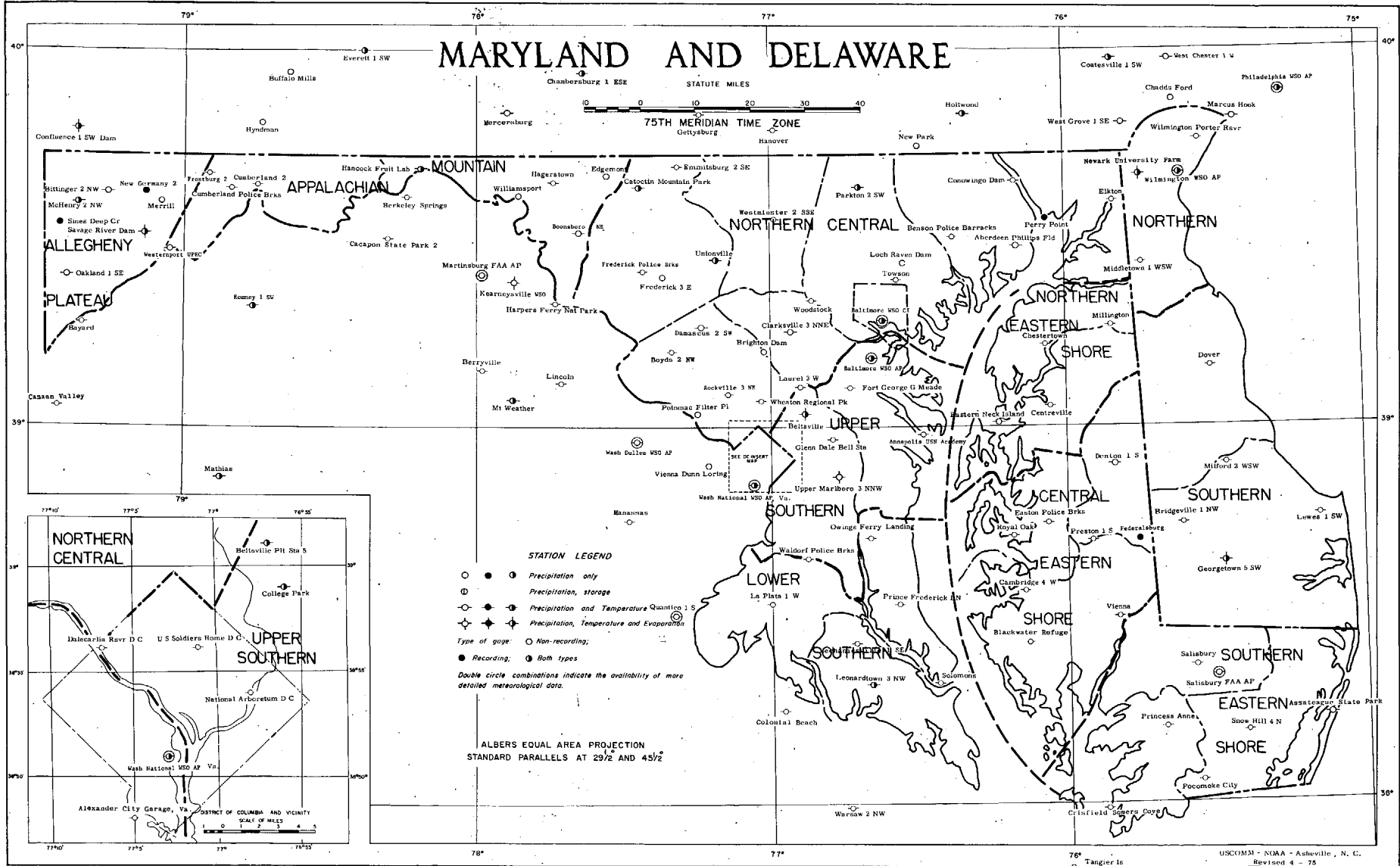
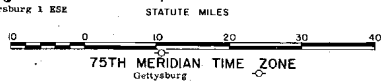
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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.

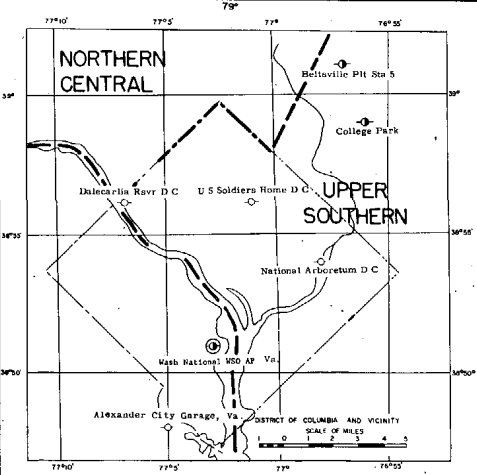
Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801.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

MARYLAND AND DELAWARE



- STATION LEGEND**
- ● ● Precipitation only
 - ● ● Precipitation, storage
 - ● ● Precipitation and Temperature
 - ● ● 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



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