

Climatological Data



MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	POCOMOKE CITY	MD.	87	DATE 02
LOWEST TEMPERATURE:	ROCKVILLE 3 NE	MD.	25	DATE 18
GREATEST TOTAL PRECIPITATION:	CLARKSVILLE 3 NNE	MD.	6.73	
LEAST TOTAL PRECIPITATION:	MILFORD 2 WSW	DEL.	2.91	
GREATEST 1 DAY PRECIPITATION:	BELTSVILLE	MD.	2.27	DATE 27
GREATEST TOTAL SNOWFALL:	CATOCTIN MOUNTAIN PARK	MD.	2.0	
GREATEST DEPTH OF SNOW OR ICE:	CATOCTIN MOUNTAIN PARK	MD.	1	DATE 17

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				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							EASTERN														
BALTIMORE WSO AP MD	31	3.7	9.1	43	NW	17	01	07	13	19	1	5	3	0	3	0	12	54	5.7		
WILMINGTON WSO AP DEL	31	3.6	9.5	30++	29	17	76	80	56	65	2	2	6	2	1	0	13	-	6.4		

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

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
OCTOBER 1977

STATION	TEMPERATURE										PRECIPITATION													
	AVERAGE MAX/MIN	AVERAGE MIN/MIN	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				
										NO. OF ABOVE	NO. OF BELOW	NO. OF EQL	NO. OF NONE					TOTAL	TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND																								
SOUTHERN EASTERN SHORE 01																								
ASSATEQUE STATE PARK	66.1	48.5	57.3		86	2	36	18	245	0	0	0	0	3.88		1.36	14		0		7	2	2	
CRISFIELD SOMERS COVE					84	2				0	0	0	0						0					
POCONOKE CITY	57.5	48.5	58.0		87	2	33	18	231	0	0	0	0	3.84		1.04	9		0		9	3	1	
PRINCESS ANNE	57.3	44.6M	56.0M		80	2	29	18	287	0	0	1	0	4.30		1.89	9		0		7	3	2	
SALISBURY	66.8	47.1	57.0	- 2.6	86	2	32	18	259	0	0	1	0	3.88	.69	1.37	9		0		7	2	2	
SALISBURY FAA AP	66.9	47.6	57.3		85	2	34	18	250	0	0	0	0	4.10		1.58	9		0		5	3	2	
SNOW HILL 4 N	66.4	45.9	56.2	- 2.5	86	2	30	18	280	0	0	1	0	4.12	.47	1.12	14		0		8	2	2	
DIVISION			57.0	- 2.5										4.02	.76				0					
CENTRAL EASTERN SHORE 02																								
CAMBRIDGE WTR TRMT PL	66.4	48.3	57.4		84	1	34	18	247	0	0	0	0	3.72	.75	1.30	15		0		6	4	1	
DENTON 1 S	67.4	44.4	55.9	- 2.5	84	2	30	18	288	0	0	1	0	3.68	.75	1.42	9		0		5	3	1	
EASTON POLICE BARRACKS																								
ROYAL OAK	66.1	49.1M	57.6M		84	2			239	0	0	0	0	4.47		1.32	14		0		6	4	1	
VIENNA	67.6M	46.4M	57.0M		85	2	36	18	263	0	0	0	0	4.23		1.50	9		0		6	4	1	
DIVISION			57.0	- 2.1										4.03	1.14				0					
LOWER SOUTHERN 03																								
LA PLATA 1 W	66.9	45.9	56.4	- 1.8	83	2	33	18	274	0	0	0	0	5.63	2.48	1.72	26		0		7	4	3	
MECHANICSVILLE 1 SE	66.2M	44.1M	55.2M		84	2			310	0	0	0	0			1.51	26		0					
OWINGS FERRY LANDING	65.5	45.6	55.6	- 2.9	76	2	33	17	285	0	0	0	0	4.16		1.97	26		0		8			
PATUXENT RIVER	63.7	48.8	56.3		83	2	36	18	274	0	0	0	0			1.97	26		0		5	3	2	
SOLOMONS										0	0	0	0						0					
WALDORF POLICE BRKS																								
DIVISION			55.9	- 2.8										4.90	1.83				0					
UPPER SOUTHERN 04																								
ANNAPOLIS POLICE BRKS	67.6	45.8	56.7	- 1.5	82	2	30	18	261	0	0	1	0	4.57	2.06	1.43	9		0		6	4	2	
BALTIMORE WSD AP	65.8	46.2	56.0	- 1.4	82	2	35	18	278	0	0	0	0	5.17	2.36	1.84	26		0		6	3	3	
BELTSVILLE	66.1	41.5	53.8		80	3	29	18	344	0	0	3	0	6.34		2.27	27		0		6	4	2	
BELTSVILLE PLANT STA 5	65.7	44.7	55.2		80	3	29	18	301	0	0	1	0	5.27		1.75	27		0		7	4	2	
COLLEGE PARK	66.0	46.2	56.1	- 1.8	81	3	30	18	281	0	0	1	0	5.35	2.48	1.85	27		0		7	5	2	
DALECARLIA RESVR D C	67.8	43.9	55.9		81	2	31	18	287	0	0	1	0	5.99		1.62	26		0		6	6	2	
GLENN DALE BELL STA	67.8	42.9	55.4	- 1.6	80	2	29	18	301	0	0	2	0	6.24	3.20	1.22	27		0		6	6	5	
LAUREL 3 W																								
NATIONAL ARBORETUM D C	66.5M	44.7	55.6M		82	3	26	18	287	0	0	1	0	5.54		1.73	27		0		7	4	2	
U. S. SOLDIERS HOME DC	66.5	48.2	57.4		83	2	36	17	244	0	0	0	0	5.68		1.30	26		0		7	5	3	
UPPER MARLBORO 3 NNW	65.9	42.1	54.0		83	3	30	18	340	0	0	2	0	6.13		2.17	27		0		6	4	2	
DIVISION			55.6	- 2.1										5.63	2.77				0					
NORTHERN EASTERN SHORE 05																								
CENTREVILLE	67.0	43.2	55.1		82	2	31	18	309	0	0	2	0	5.04		1.49	26		0		6	5	2	
CHESTERTOWN	66.1	45.3	55.7	- 3.1	81	2	35	18	287	0	0	0	0	3.87	1.14	1.20	9		0		7	4	1	
MILLINGTON	65.4	44.7	55.1	- 2.8	81	2	31	18	313	0	0	1	0	4.13	1.54	1.42	9		0		6	2	2	
DIVISION			55.3	- 3.4										4.35	1.71				0					
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	66.3	46.0	56.2		80	2	30	18	277	0	0	1	0			1.45	9		0					
BALTIMORE WSD CI	65.7	50.0	57.9	- 2.8	82	2	37	18	226	0	0	0	0	4.66	1.80	1.43	14		0		6	3	2	
BENSON POLICE BARRACKS	68.4	45.0	56.7		81	2	30	18	264	0	0	1	0	4.38		1.32	9		0		8	5	1	
BOYDS 2 NW	64.9	44.7	54.8		78	1	30	17	315	0	0	1	0						0		10	4		
CATOCTIN MOUNTAIN PARK	59.4	43.1	51.3		75	1	32	17	419	0	0	1	0	6.36		1.26	9	2.0	1	17	9	6	2	
CLARKSVILLE 3 NNE	63.8	41.5	52.7		76	1	27	18	377	0	0	4	0	6.73		1.40	27		0		8	6	3	
CONOWINGO DAM	63.8	42.3	53.0	- 3.1	77	2	29	18	369	0	0	2	0	4.07	1.21	1.18	14		0		10	2	2	
DAMASCUS 2 SW	61.9	44.3	53.1		75	2	33	18	363	0	0	0	0	5.96		1.56	26		0		10	6	2	
ENHITSBURD 2 SE	64.2	40.5	52.4		74	2	29	31	387	0	0	3	0	4.57		1.18	27		0		10	9	1	
FREDRICK POLICE BRKS	65.8	46.0	55.9		78	2	32	18	282	0	0	1	0	5.23		1.43	17		0		9	4	1	
PARKTON 2 SW	62.3	41.1	51.7		78	2	30	18	407	0	0	1	0	5.08		1.78	14		0		11	2	2	
ROCKVILLE 3 NE	66.2	41.0	53.6		77	2	25	18	349	0	0	6	0	5.32		1.08	26		0		7	6	2	
TOWSON	65.7	45.2	55.5		79	2	30	18	299	0	0	1	0	5.32	2.16	1.56	15		0		7	5	2	
UNIONVILLE	62.3	39.0	50.7	- 3.9	76	2	26	18	441	0	0	8	0	4.76	2.08	.90	27		0		10	4	0	
WESTMINSTER 2 SSE	61.2	44.3	52.8	- 2.9	75	2	34	17	374	0	0	0	0	4.62	1.68	1.44	15		0		8	2	2	
WHEATON REGIONAL PARK	63.7	44.6	54.2		75	2	29	18	332	0	0	1	0	5.90		1.18	26		0		7	6	3	
WOODSTOCK	63.8	43.2	53.5	- 2.1	77	2	30	18	355	0	0	2	0	5.87	2.94	1.21	9		0		7	6	1	
DIVISION			53.9	- 2.5										5.26	2.38				-1					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
OCTOBER 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																																			
ASSATEQUE STATE PARK	3.88		.30					1.20	.02		.08	.18	1.36	.18	.16	.03												.24	.05	.02	.06				
CRISFIELD SOMERS COVE												.30																1.36	.46	.02					
POCOMOKE CITY	3.84		.03						T	1.04		.04	.26	.96	.19	.03	.11											.68	.19		.18				
PRINCESS ANNE	4.30									1.89	.03	.05	.14	1.14	.19													.50	.17	.02	.10				
SALISBURY	3.88		.17	.02						.03	1.37	.05	.12	1.26														.34	.18						
SALISBURY FAA AP	4.10	T	.30							.17	1.58		.07	.06	1.05	.09	.02	.05										.57	T	T	.09				
SNOW HILL 4 N	4.12		.44						T	1.10		.05	.16	1.12	.34	.17	.05											.39	.07	T	.06				
* * *																																			
CENTRAL EASTERN SHORE 02																																			
CAMBRIDGE MTR TRMT PL	3.72										.50		.15	1.30		.23	.05											.95							
DENTON 1 S	3.68	.05	T							.09	1.42		.02		.52	.03		.41										.42	.70		T				
EASTON POLICE BARRACKS																																			
ROYAL OAK	4.47	.02	.05					.01		.07	.92		T	1.32	.65	.01	.38			T	T							.68	.33	.03					
VIENNA	4.23									1.50		.05	.03	.07	.62	.72	.28											.54	.32				.05		
* * *																																			
LOWER SOUTHERN 03																																			
LA PLATA 1 W	5.63	.02	.06							.06	1.14			1.07	.47	.13	.24			T								1.72	.72	T					
MECHANICSVILLE 1 SE		.09	.25							.09	.85		.03															1.51	.71						
OWINGS FERRY LANDING		.02								.07	1.18					.13		.54										1.87	.32					.15	
PAULSMYR RIVER	4.16	T	T							.33	.59			T	1.10	X	X	2.55			.03	T						1.87	.01		T	T			
SALMONS																												.86	1.17						
WALDORF POLICE BRKS																																			
* * *																																			
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	4.57	.20						.01		.01	1.43	.04		1.20	.62	.01	.20											.02	.78	.04					
BALTIMORE WSO AP	5.17	.05						.07		.07	1.04			1.25	.01	.40	.15			.02	T							1.84	.27						
BELTSVILLE	6.34		.35							.05	.42	.77	T	.04	1.88	.62	T	.04										.08	2.27	.04					
BELTSVILLE PLANT STA 5	5.37		.15							.05	.89	.35		.04	1.35	.35	.97			T	T							.15	1.75	.02					
COLLEGE PARK	5.35		.12	T				.01		.02	T	.60	.60	T	1.41		.60	T	.02	T								.12	1.85	T					
DALECARLIA RESVR D C	5.90	.09						.04		.03	1.17			.60	.65	.01	.62			.02								1.62	.94						
GLENN DALE BELL STA	6.24	.06						.03		.02	1.16			1.05	1.00		.62			.02								1.04	1.22	.02					
LAUREL 3 W																																			
NATIONAL ARBBRETIUM D C	5.84			T					T	.30	.45	.78		.11	1.38	.61	.61	.02		.02	.01							.05	1.73	.08					
U. S. SOLDIERS HOME DC	5.68	.06						.04		T	1.26			1.08	.48	.32	.54											1.30	.61						
UPPER MARLBORO 3 NW	5.13		.04	.02							.38	.74		.13	1.92	.60												.08	2.17	.05					
* * *																																			
NORTHERN EASTERN SHORE 05																																			
CENTREVILLE	5.04			T				.05		1.18	.02			.75	.41	.05	.51											1.49	.58						
CHESTERTOWN	3.87	.08								.16	1.20	.01		.61	.27	.07	.25											.63	.51	T					
HILLINGTON	4.13	.05						.05		1.42				.48	.27	.25					.02							.45	1.12	.02					
* * *																																			
NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD		.12						.09			1.45			.47			.75			.02								.32	.52	.02					
BALTIMORE WSO CI	4.66		.41					.08		.10	.91			1.43		.39	.04			.08								1.19	.03						
BENSON POLICE BARRACKS	4.38	.15	.02					.10		T	1.32			.57	.70	.02	.27			.04								.53	.63	.03					
BOYDS 2 NW	6.31		.15					.15		.06	.89	.35		.26	.62	.35	.45											.65	.55						
BRIGHTON DAM	6.31	.07	.20					.10		1.16	.05			1.10	.28	1.16	.33			.04	.10							1.62	.20						
CATACTIN MOUNTAIN PARK	5.38	.75	.06					.41		.09	1.28			.03	.83	.45	1.16											.53	.62						
CLARKSVILLE 3 NNE	6.73	.07	.24					.15		.02	1.28			.86	.88	.09	.63			.01	.01							1.07	1.40	.02					
CONNINGO DAM	4.07	.09	.12	.02				.10		.15	1.10	.02		1.18	.33	.05	.16			.03								.47	.11	.03					
DAMASCUS 2 SW	5.86	.11	.32					.19		.05	1.00			T	.53	.62	.14	.75		.03	.05							1.56	.57	.04					
EMMITTSBURG 2 SE	4.97	.42	.03					.12	.17		.93			.08	.78	.32	.44				.10	.03						.37	1.18						
FREDRICK POLICE BRKS	5.23	.09	.30					.19		.07	.78			.11	.73	.33	1.43	.01		.03	.07							.40	.67	.02					
FREDRICK 3 E	4.69		.25	T							.42	.45		.71		.63	.70			.02	.02							.03	1.22	.08					
PARKTON 2 SW	5.08	.10	.21					.15		.08	1.07			1.78	.12	.37	.28			.05	.13							.48	.66	T					
POTOMAC FILTER PLANT	4.21	.10	T					.06		.25	.79			.93	.10	.55	.10			.05								.05	1.20						
ROCKVILLE 3 NE	5.32	.10						.06		.03	1.05	.01		.65	.70	.02	.65			.02	.02							1.08	.98	.01					
TAHSON	5.32	.08	.05					.10			.80			.67	1.56	.01	.01			.01	.01							.82	1.10	.30					
UNIONVILLE	4.78	.10	.13					.20		.05	.84			.42	.83	.31	.24			.07								.64	.80	.03					
WESTMINSTER 2 SSE	4.62		.29						.21		.48	.38		1.44		.43				T	.23							T	1.08	.07					
WHEATON REGIONAL PARK	5.90	.11	T					.07		.01	1.10			.63	.83	.01	1.16			.01	T							1.18	.78	.01					
WOODSTOCK	5.87	.08	.05					.18		.03	1.21			.89	.96	.04	.62			.07								.80	.81	.03					
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APPALACHIAN MOUNTAIN 07																																			

DAILY PRECIPITATION

MARYLAND AND DELAWARE
OCTOBER 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																																	
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NORTHERN 01																																	
MIDDLETOWN 1 WSW	3.75	.03	.01			.04			1.35					.62	.41	T	.44			T								.29	.56	T			
NEWARK UNIVERSITY FARM	4.68	.17	.12			.06			1.54					.58	.40	.11	.77			.02								.35	.46	T			
WILMINGTON MSD AP	3.59	.16	T			.04			.20	1.29				.62	.12	.24	.10			.01	T							.24	.57				
WILMINGTON PORTER RESVR	4.69	.43				.06			.30	1.60				.58		.55	.44			.04								.29	.19	.21			
* * * * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	3.66	T	.23			.02			.06	1.18				.03	.67	.22	.40			.08								.31	.43	.02	.01		
DOVER	4.79	.02				.07			T	1.61		T		.54	.62	.61	.08	T		.08	T							.38	.83	.03			
GEORGETOWN 5 SW	3.33								.55	.78		.10		.24	.80	.14	.15			.15								.13	.41	.03			.01
LEWES 1 SW	3.79		T			.02			.22	.79		.04	T	1.12	.27	.28	.08			.10								.39	.47		.01		
HILFORD 2 WSW	2.91	.01	.02			.03			T	.14		.03	.02	.47	.55	T	.38			.08	T							.23	.85	.05	.04		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
OCTOBER 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 D1																																	
ASSATEGUE STATE PARK	MAX MIN	77 49	86 68	70 48	67 44	70 47	69 51	62 49	65 46	69 55	65 42	66 46	64 53	57 44	58 45	63 43	67 51	63 39	62 36	65 42	64 44	67 41	71 47	67 51	65 51	63 48	64 56	67 56	68 57	67 52	60 52	60 50	66.1 48.5
CRISFIELD SOMERS COVE	MAX MIN	84 74	67 68	68 68	69	68 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66 66	66.1 48.5
POCOMOKE CITY	MAX MIN	80 55	87 71	73 52	70 49	71 42	71 48	70 48	64 44	68 61	66 42	68 43	64 55	57 45	58 47	65 45	71 50	62 41	65 33	66 51	65 46	67 43	70 42	64 50	64 40	70 41	68 52	73 63	71 63	68 53	62 48	63 40	67.5 48.5
PRINCESS ANNE	MAX MIN	79 50	80 58	70 51	67 43	69 35	68 42	69 41	67 41	69 59	68 38	70 37	66 54	58 45	55 45	64 45	71 49	66 41	63 29	64 50	63 43	65 37	64 35	69 36	65 36	71 37	69 54	74 63	71 64	70 59	63 45	67.3 44.6	
SALISBURY	MAX MIN	78 56	86 71	73 51	70 47	70 40	68 47	70 44	64 46	68 58	68 42	68 42	64 54	56 44	51 43	71 53	72 49	62 47	55 32	62 47	61 44	65 42	72 41	70 38	63 42	68 38	65 47	72 43	69 41	69 40	60 38	62 40	66.8 47.1
SALISBURY FAA RP	MAX MIN	79 55	85 60	64 51	69 48	70 43	70 49	68 46	66 46	70 52	64 44	69 43	61 53	56 49	56 47	65 47	72 45	56 39	64 34	66 44	64 47	68 41	72 42	64 45	66 40	69 43	70 43	73 46	72 42	62 43	61 40	64 40	66.9 47.6
SNOW HILL 4 N	MAX MIN	80 50	86 65	69 47	66 44	70 39	67 44	66 44	64 41	68 59	66 37	65 38	62 54	56 45	56 46	62 45	69 47	68 38	62 30	64 49	63 43	65 41	72 38	68 47	62 36	66 38	68 49	71 62	70 53	68 47	60 47	60 47	66.4 45.9
CENTRAL EASTERN SHORE D2																																	
CAMBRIDGE WTR TRMT PL	MAX MIN	84 54	82 65	65 53	68 52	70 43	64 43	64 47	64 47	76 63	66 41	60 46	60 48	56 48	66 47	66 50	65 53	60 38	60 34	62 39	64 48	65 49	70 48	73 46	64 48	70 43	67 46	68 57	69 61	64 53	62 45	62 44	66.4 48.3
DENTON 1 S	MAX MIN	75 55	84 65	71 47	70 44	72 38	63 43	69 39	63 41	70 53	68 39	65 43	70 37	58 45	53 42	60 40	70 46	59 36	65 30	65 46	66 42	69 38	71 40	75 43	68 38	72 40	67 51	67 63	69 64	67 52	65 39	63 37	67.4 44.4
EASTON POLICE BARRACKS	MAX MIN	75 64	84 66	66 52	69 53	70 44	67 50	68 43	64 45	70 57	67 49	67 42	62 48	59 49	54 46	64 44	64 50	54 40	62 40	63 50	64 49	66 38	72 41	65 48	65 45	70 43	68 44	70 64	69 62	65 54	64 43	63 39	66.1 49.1
ROYAL OAK	MAX MIN	75 64	84 66	66 52	69 53	70 44	67 50	68 43	64 45	70 57	67 49	67 42	62 48	59 49	54 46	64 44	64 50	54 40	62 40	63 50	64 49	66 38	72 41	65 48	65 45	70 43	68 44	70 64	69 62	65 54	64 43	63 39	66.1 49.1
VIENNA	MAX MIN	84 63	85 60	68 51	68 43	70 41	69 47	68 45	66 46	69 56	68 45	68 42	65 40	58 45	55 45	65 45	67 53	62 40	61 36	63 41	65 45	63 43	70 45	65 42	68 42	73 47	69 51	74 49	71 62	68 51	69 44	62 39	67.6 46.4
LOWER SOUTHERN D3																																	
LA PLATA 1 W	MAX MIN	74 62	83 67	68 45	68 42	72 40	65 46	69 41	61 48	70 57	62 41	68 40	62 51	54 47	51 44	67 43	63 41	55 39	69 33	63 44	65 42	69 37	77 37	75 51	68 40	73 42	67 53	67 64	71 60	66 51	66 41	65 34	66.9 45.9
MECHANICSVILLE 1 SE	MAX MIN	74 56	84 64	67 43	66 40	67 38	67 43	65 39	62 43	70 53	60 38	60 53	60 38	59 49	64 49	69 49	64 51	58 33	58 38	65 39	65 35	66 35	70 34	66 49	66 35	65 36	65 51	66 59	68 57	66 50	64 37	57 32	66.2 44.1
OWINGS FERRY LANDING	MAX MIN	72 55	76 59	63 45	69 43	72 41	67 47	68 43	68 41	70 47	65 47	69 39	65 48	55 42	69 49	69 49	64 51	58 33	58 38	59 41	62 49	63 48	63 49	65 49	66 39	63 50	65 54	66 54	64 53	61 52	65 42	61 42	65.5 45.6
PATUXENT RIVER	MAX MIN	77 64	83 57	64 51	68 51	70 50	67 52	65 53	63 56	68 49	61 45	64 45	59 49	54 48	52 43	65 45	61 40	54 38	61 36	60 45	61 47	65 46	69 41	59 48	60 47	64 44	65 55	68 60	67 58	60 53	62 49	68 48	63.7 48.8
SOLOMONS	MAX MIN	62 32	64 51	64 45	68 46	65 50	65 47	68 46	65 46	68 56	62 45	63 42	66 49	62 45	52 44	52 44	66 45	57 39	53 29	64 41	64 47	68 38	70 46	63 53	62 46	65 47	65 56	65 60	63 60	62 52	64 46	64 46	65.5 46.4
WALDORF POLICE BRKS	MAX MIN	75 61	82 64	74 44	72 44	76 44	72 48	70 44	69 49	71 53	69 41	65 40	65 52	61 46	54 46	66 39	66 49	59 35	67 30	65 46	64 44	67 40	75 46	75 41	62 41	66 40	65 45	66 58	70 60	68 49	62 45	59 39	67.6 48.8
UPPER SOUTHERN D4																																	
ANNAPOLIS POLICE BRKS	MAX MIN	75 61	82 64	74 44	72 44	76 44	72 48	70 44	69 49	71 53	69 41	65 40	65 52	61 46	54 46	66 39	66 49	59 35	67 30	65 46	64 44	67 40	75 46	75 41	62 41	66 40	65 45	66 58	70 60	68 49	62 45	59 39	67.6 48.8
BALTIMORE WSO AP	MAX MIN	74 59	82 56	65 47	72 45	72 44	66 47	68 45	61 47	72 49	64 46	69 41	63 50	54 49	52 44	69 44	60 40	53 36	67 35	62 44	64 44	68 41	76 41	61 48	64 44	68 41	66 54	67 64	72 57	66 48	63 43	60 39	65.8 46.2
BELTSVILLE	MAX MIN	79 47	74 59	80 43	65 42	72 38	70 43	67 36	67 41	64 49	72 42	64 35	67 39	64 39	54 44	48 42	68 44	58 36	53 29	65 44	62 31	63 38	69 35	72 36	61 40	65 37	69 37	68 40	66 53	62 61	62 50	64 43	66.1 41.5
BELTSVILLE PLANT STA 5	MAX MIN	77 54	74 61	80 46	63 43	70 42	70 44	65 39	67 46	63 54	63 42	66 37	66 46	62 45	52 44	52 44	66 45	57 39	53 29	64 41	62 47	63 38	68 41	76 47	61 38	61 42	65 39	70 48	66 62	62 54	66 40	65 36	65.7 44.7
COLLEGE PARK	MAX MIN	79 59	75 64	81 49	64 49	70 46	72 46	65 41	67 47	64 56	72 46	62 47	68 50	62 46	53 47	50 44	68 48	56 35	54 30	65 43	61 47	62 40	69 37	77 49	61 42	62 40	66 49	67 55	70 63	61 51	64 40	66.0 46.2	
DALECARLIA RESRV D C	MAX MIN	77 61	81 62	70 46	70 43	72 41	70 41	67 41	65 39	66 55	60 42	68 39	66 39	60 44	53 43	68 42	67 44	65 36	67 31	66 42	67 42	69 37	77 36	71 49	68 42	70 41	67 40	67 62	70 61	69 49	64 37	59 35	67.8 43.9
GLENN DALE BELL STA	MAX MIN	78 55	80 61	72 42	69 38	71 35	70 42	65 34	66 44	72 53	67 36	67 48	66 48	61 45	52 43	67 42	65 37	53 38	67 29	64 41	64 45	69 36	77 35	76 47	66 39	69 39	67 51	67 63	71 61	70 51	68 33	60 32	67.8 42.9
LAUREL 3 W	MAX MIN	79 54	75 62	83 49	64 34	69 44	71 45	65 41	68 42	65 53	71 42	64 40	67 47	63 47	54 44	49 44	68 47	57 38	53 26	66 38	62 48	64 40	70 41	76 50	63 42	67 41	71 42	68 52	66 62	72 52	64 40	64 37	66.5 44.7
NATIONAL ARBORETUM D C	MAX MIN	75 61	83 66	68 48	71 45	72 46	68 55	67 46	60 45	70 55	64 44	67 50	65 46	57 44	68 50	62 42	61 40	59 36	65 37	61 46	65 45	64 44	76 44	69 51	69 48	70 61	67 53	67 63	71 61	65 52	64 45	59 38	66.5 48.2
UPPER MARLBORO 3 NNW	MAX MIN	79 47	75 62	83 45	64 44	69 38	71 42	65 38	68 40	65 46	71 42	64 36	67 37	63 45	53 45	47 42	66 46	59 38	54 30	66 34	62 44	63 37	68 35	76 36	61 40	67 37	68 40	67 54	71 61	64 53	62 38	62 32	65.9 42.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
OCTOBER
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	76 56	82 63	75 48	68 34	71 43	68 34	67 39	63 53	71 53	69 43	69 36	62 47	58 45	54 42	66 40	67 42	53 35	64 31	63 38	63 43	67 39	74 37	72 40	65 37	71 36	68 49	69 60	69 59	67 49	63 38	62 32	67.0 43.2		
CHESTERTOWN	MAX MIN	74 60	81 58	65 50	69 49	71 42	63 49	69 40	65 45	70 48	67 45	68 41	63 49	58 47	51 43	66 41	67 44	54 38	64 35	63 46	63 44	66 39	73 43	64 41	66 41	70 40	67 51	69 60	71 55	65 43	64 39	62 37	66.1 45.3		
HILLINGTON	MAX MIN	74 57	81 65	65 50	69 45	71 39	63 45	67 38	60 41	68 55	64 39	68 38	52 50	65 46	62 42	66 42	62 48	52 38	65 31	62 45	62 45	66 42	72 38	63 40	65 38	64 38	70 45	69 61	72 62	65 49	64 40	60 34	65.4 44.7		
NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD	MAX MIN	76 61	80 66	72 47	68 43	69 42	67 45	65 42	64 47	72 60	72 46	66 38	65 50	62 45	55 43	64 49	55 36	62 30	64 46	53 37	68 47	61 45	61 44	68 37	72 37	71 46	62 43	66 40	67 51	67 55	70 59	69 52	64 43	60 40	66.3 46.0
BALTIMORE WSO CI	MAX MIN	74 64	82 57	64 52	70 50	72 53	67 54	61 49	72 50	64 52	66 48	63 50	68 44	52 44	68 44	62 44	53 37	64 37	61 48	64 37	70 47	78 48	64 50	64 48	67 49	67 56	69 64	72 58	64 53	64 48	58 35	64 46	56.7 50.0		
BENSON POLICE BARRACKS	MAX MIN	77 58	81 64	72 47	69 45	73 47	71 47	68 45	66 53	71 53	73 40	68 49	67 45	65 44	54 41	67 35	67 41	57 35	64 37	67 45	64 41	70 40	62 45	64 40	76 38	75 42	64 39	68 49	67 60	67 51	68 47	64 36	64 35	68.4 45.0	
BOYDS 2 NW	MAX MIN	78 56	74 62	75 44	69 45	68 43	68 46	69 41	68 47	68 43	64 40	64 47	63 41	65 43	63 42	67 38	57 34	61 30	62 43	60 44	60 40	66 40	74 46	74 46	63 43	67 51	65 61	67 47	66 38	61 40	65 45	61 45	64.9 44.7		
CATOCTIN MOUNTAIN PARK	MAX MIN	75 55	67 58	60 42	62 43	59 44	61 49	58 40	64 43	61 48	55 42	59 46	67 38	51 42	48 42	60 37	61 40	41 32	55 35	52 42	54 41	59 41	70 46	69 40	59 40	63 45	60 50	63 54	64 55	64 43	57 39	52 35	59.4 43.1		
CLARKSVILLE 3 NNE	MAX MIN	76 50	72 61	61 45	68 45	71 34	67 40	63 33	60 53	64 40	61 42	65 33	62 43	57 42	51 42	68 42	62 41	50 33	63 27	60 40	61 44	66 34	74 32	65 41	63 40	66 35	66 49	66 62	67 58	64 48	61 32	57 29	63.8 41.5		
CONOWINGO DAM	MAX MIN	70 54	77 55	62 49	68 42	71 40	64 44	60 39	62 46	64 42	51 45	67 38	62 46	60 44	53 40	65 40	64 34	53 29	63 40	59 40	61 36	67 44	73 44	62 36	62 40	66 36	64 46	69 58	68 52	63 45	64 31	59 31	63.6 42.3		
DAMASCUS 2 SW	MAX MIN	69 58	75 57	60 43	67 45	67 42	62 48	63 37	55 47	67 49	58 40	63 42	62 46	55 41	49 41	66 35	49 41	60 33	58 43	59 44	65 38	63 43	73 43	63 45	62 41	66 43	64 45	61 57	63 45	61 38	54 39	61.9 44.3			
EMMITSBURG 2 SE	MAX MIN	74 52	74 62	67 45	68 43	68 35	67 42	64 34	56 42	69 50	61 40	63 34	60 44	56 38	53 40	67 40	66 41	49 35	58 30	57 39	62 44	73 43	73 36	62 36	68 33	66 47	66 54	68 62	65 44	62 33	59 29	59 29	64.2 40.6		
FREDRICK POLICE BRKS	MAX MIN	76 57	75 64	67 49	69 49	68 43	68 49	64 49	62 54	67 47	60 41	65 47	65 49	63 46	55 43	67 43	66 41	49 37	60 32	62 44	66 44	67 44	78 42	73 43	71 43	67 43	67 52	69 61	67 59	61 48	58 37	58 37	65.8 46.0		
PARKTON 2 SW	MAX MIN	69 55	78 53	61 44	67 42	69 43	65 43	63 43	56 37	69 41	62 45	63 44	59 44	63 39	60 35	60 44	55 33	49 30	60 30	58 41	65 35	65 30	73 41	59 35	60 38	66 47	64 61	67 49	63 42	61 37	55 35	62.3 41.1			
ROCKVILLE 3 NE	MAX MIN	77 53	77 57	75 60	70 38	72 32	67 42	67 33	61 40	70 49	55 37	58 30	65 42	58 47	52 37	66 38	64 36	25 39	64 36	62 29	68 29	73 29	72 43	61 42	70 33	65 47	66 58	69 56	68 45	63 32	61 46	66.2 41.0			
TOWSON	MAX MIN	75 61	79 65	74 47	69 45	69 48	67 49	66 42	64 42	70 50	64 43	65 42	65 40	60 45	52 43	66 41	62 30	54 30	62 30	54 36	62 36	60 44	73 42	72 44	62 44	66 43	66 51	66 62	70 48	68 41	63 37	60 31	65.7 45.2		
UNIONVILLE	MAX MIN	71 55	76 57	61 37	67 39	66 32	64 39	62 31	55 41	67 45	60 36	63 41	59 44	54 37	51 42	66 40	62 37	49 34	60 26	56 38	60 44	64 29	71 30	65 35	62 37	67 34	62 50	67 62	66 56	62 30	60 27	62.3 39.0			
WESTMINSTER 2 SSE	MAX MIN	72 55	75 61	62 42	65 43	66 43	62 50	60 39	57 45	62 51	59 40	63 38	59 46	54 40	49 41	64 40	59 39	47 34	59 36	54 42	63 36	63 42	71 44	64 41	60 42	65 46	64 51	66 60	65 58	62 47	59 41	52 38	61.2 44.3		
WHEATON REGIONAL PARK	MAX MIN	72 59	75 61	71 46	69 43	66 39	64 45	61 40	58 45	65 50	62 38	63 46	61 43	58 48	53 43	63 43	62 47	49 37	60 29	59 38	60 44	64 29	70 34	73 48	61 42	61 35	67 45	65 56	66 61	66 49	60 37	62 34	63.7 44.6		
WOODSTOCK	MAX MIN	71 56	77 64	67 45	67 44	70 39	65 43	55 37	58 43	70 44	61 40	67 36	61 49	53 43	50 43	67 42	63 41	50 30	61 30	58 42	61 36	66 43	69 43	67 34	63 42	67 42	65 37	66 50	66 62	68 59	64 49	58 31	63.8 43.2		
APPALACHIAN MOUNTAIN 07																																			
CUMBERLAND 2	MAX MIN	78 55	69 48	59 50	67 36	73 36	69 36	67 38	61 48	63 49	67 40	71 40	66 32	60 32	60 43	72 43	66 39	52 33	67 36	63 43	59 35	72 34	78 34	73 37	70 37	65 40	61 50	69 59	71 44	69 33	61 31	61 32	66.7 40.1		
CUMBERLAND POLICE BRKS	MAX MIN	72 46	70 53	62 41	51 40	58 38	63 36	59 34	57 32	52 41	55 39	57 37	61 36	47 34	51 35	45 38	60 36	41 31	42 29	58 36	48 38	48 40	64 37	67 44	50 36	60 36	62 43	58 49	62 56	60 41	56 35	55 35	56.5 38.8		
HAGERSTOWN	MAX MIN	73 59	71 61	63 44	67 43	68 41	68 42	63 39	59 47	62 50	67 40	68 44	61 44	54 37	54 43	68 43	63 48	63 37	60 29	60 41	60 45	67 42	75 42	68 45	62 45	65 42	62 52	68 56	67 55	64 46	62 37	54 48	64.1 44.0		
HANCOCK FRUIT LAB	MAX MIN	73 51	71 62	66 42	58 42	65 35	65 44	63 34	59 44	54 50	62 45	60 38	64 43	56 31	54 43	49 37	67 43	49 36	58 29	54 46	58 33	66 46	74 31	54 45	54 33	63 37	65 51	59 57	67 53	66 39	61 32	60 28	60.9 41.0		
WESTERNPORT UPRC	MAX MIN																																		
ALLEGHENY PLATEAU 08																																			
MCHENRY 2 NW	MAX MIN	70 50	70 54	55 38	45 38	53 37	60 38	55 36	57 36	53 42	52 37	63 33	42 30	48 31	45 34	56 35	37 26	40 26	64 36	47 37	50 38	55 36	63 38	54 35	47 42	50 38	65 40	62 48	58 50	64 50	55 37	58 36	55 36	54.6 38.1	
OAKLAND 1 SE	MAX MIN	72 45	66 45	49 38	58 38	62 28	68 39	56 28	53 42	55 38	67 36	66 32	57 33	51 33	49 33	60 33	52 26	56 33	61 33	59 26	42 33	60 33	67 33	61 29	64 29	66 33	66 50	63 52	65 47	57 29	56 35	53 35	57.7 35.4		
SAYAGE RIVER DAM	MAX MIN	74 44	74 51	62 45	53 44	60 36	65 36	59 33	59 33	54 43	67 43	59 36	63 36	54 30	49 30	60 39	64 41	44 35	45 32	67 35	49 41	58 38	65 38	70 41	51 38	65 33	62 35	59 37	59 52	66 44	62 31	55 29	55 29	58.9 37.8	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
OCTOBER 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 NSW	MAX	74	80	74	67	71	68	65	64	68	69	67	62	59	55	63	69	58	64	62	62	65	72	63	63	68	66	69	72	66	64	66	66.3
	MIN	56	63	49	44	43	45	39	41	56	44	37	49	46	44	41	46	38	35	47	45	40	38	46	38	38	53	60	57	49	40	36	45.3
NEWARK UNIVERSITY FARM	MAX	75	75	73	67	70	67	64	64	68	67	67	63	60	58	64	66	60	65	62	60	65	72	71	63	69	66	68	71	70	62	60	66.2
	MIN	53	63	48	42	42	44	38	42	54	39	38	47	45	44	37	43	32	32	45	44	37	38	42	35	38	48	61	60	47	41	35	43.7
WILMINGTON WSO AP	MAX	70	76	60	68	67	64	63	59	69	60	63	60	56	51	63	65	52	62	60	61	64	70	59	58	63	63	67	71	63	61	59	62.8
	MIN	58	54	46	43	43	47	40	45	45	40	41	47	46	44	40	41	37	34	45	45	40	37	41	38	42	50	60	56	43	39	36	44.0
WILMINGTON PORTER RESVR	MAX	70	75	60	67	69	62	62	58	68	59	63	58	55	50	62	66	51	62	59	60	64	70	58	60	65	63	69	69	62	60	58	62.4
	MIN	58	55	47	46	48	48	43	45	47	41	42	46	45	43	38	40	37	33	45	43	39	41	42	39	43	48	60	53	46	41	35	44.4
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	77	83	72	68	71	65	67	62	68	69	69	66	57	53	64	71	65	63	63	63	66	73	72	67	70	69	68	70	68	61	60	67.1
	MIN	53	66	48	44	41	46	42	43	56	39	39	53	48	43	43	49	38	32	50	44	40	40	48	37	39	52	63	62	53	43	35	46.1
DOVER	MAX	79	74	82	68	70	70	66	65	67	70	65	65	61	57	62	70	67	63	63	63	66	73	72	66	66	67	68	70	70	71	63	67.7
	MIN	58	58	49	46	45	49	44	45	57	42	40	52	47	45	42	50	38	34	50	45	44	44	47	40	42	53	61	62	52	44	44	47.4
GEORGETOWN 5 SW	MAX	77	77	83	63	67	69	63	65	65	68	62	67	60	55	52	63	71	53	63	62	62	65	72	60	64	70	69	69	71	57	60	65.3
	MIN	55	65	47	43	37	45	41	40	50	40	37	51	48	48	43	49	39	31	42	42	39	43	49	35	38	38	61	62	54	46	37	45.0
LEWES 1 SW	MAX	78	86	64	67	70	63	63	64	67	62	55	59	55	55	61	69	64	64	61	63	66	74	59	61	65	65	65	69	61	58	59	64.3
	MIN	58	63	46	42	41	46	44	44	60	40	40	49	48	46	49	50	39	32	45	41	40	43	50	40	40	53	60	60	54	49	50	47.2
MILFORD 2 NSW	MAX	77	84	73	67	71	67	66	62	67	68	68	66	57	55	63	71	65	65	65	64	67	73	66	65	70	69	68	70	68	61	60	67.0
	MIN	56	67	46	44	40	46	43	43	57	40	38	52	48	46	42	49	50	31	49	42	40	45	49	36	39	52	60	63	53	45	45	47.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
OCTOBER 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	.18	.20	.18	-	.20	.15	.00	.18	-	.09	.18	.13	.12	.10	-	.15	.13	-	.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	38	*	115	51	39	18	8	13	40	32	31	25	21	58	43	86	10	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	MAX	81	80	81	68	72	71	62	70	70	69	71	70	67	60	66	67	63	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	MIN	54	54	49	45	45	50	47	46	45	45	45	47	49	46	44	44	40	39	40	-	-	-	-	-	-	-	-	-	-	-	-	-	
■ ■ ■																																		
UPPER MARLBORO 3 NNW	EVAP	.14	.04	.17	.13	.11	.09	.03	.14	.00	.08	.09	.11	.19	.06	.01	.10	.01	.08	.11	.10	.13	.09	.12	.10	.07	.06	*	*	.09	.14	.09		
	WIND	19	46	38	36	30	17	6	19	31	39	22	26	55	83	82	41	89	56	40	44	45	19	39	25	11	13	59	31	58	58	28		
	MAX	81	69	81	66	66	70	62	74	60	70	65	69	74	49	46	65	57	57	62	62	66	68	70	62	68	66	62	65	72	65	62		
	MIN	50	58	46	43	43	42	41	41	47	43	43	43	44	44	42	41	38	36	35	45	42	41	42	45	44	43	53	61	51	41	40		
■ ■ ■																																		
ALLEGHENY PLATEAU 08																																		
SAVAGE RIVER DAM	EVAP	.15	.02	.12	.06	.08	.06	.02	.10	.00	.11	.06	.09	.10	.02	.00	.21	.14	.04	.08	.05	.18	*	.10	*	.01	.05	.04	.08	.10	.10	.00		
	WIND	19	31	94	90	60	19	40	26	40	67	37	49	66	29	89	54	136	67	33	71	64	29	44	35	25	30	20	19	33	22	20		
	MAX	74	64	61	52	58	65	62	61	54	52	60	62	51	51	40	60	46	44	52	51	50	62	60	54	55	56	55	61	65	56	52		
	MIN	50	55	45	44	40	40	38	46	50	42	52	43	36	36	40	40	34	34	44	43	41	39	39	40	42	42	50	55	42	42	36		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
OCTOBER 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	-14	-02	-07	-17	-03	-13	-06	-06	-08	-07	-02	-11	-07	-01	-24	-04																	
	WIND	8	20	54	51	24	9	12	16	26	50	9	32	32	37	110	10																	
	MAX	80	74	75	63	68	66	64	64	63	64	63	65	64	56	62	63																	
	MIN	58	62	48	43	45	49	45	47	54	43	44	51	45	45	40	48																	
■ ■ ■ SOUTHERN 02																																		
GEORGETOWN 5 SH	EVAP	-22	-04	-20	-18	-16	-13	-	-22	-01	-12	-12	-06	-16	-11	-	-18	-12	-07	-15	-10	-14	-11	-15	-09	-07	-	-	-	-	-	-	-	3.768
	WIND	65	144	99	92	61	39	34	41	67	87	42	44	95	175	204	115	202	119	92	71	103	54	72	49	23	-	-	-	-	-	-	-	27148

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
OCTOBER 1977

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																															
■ ■ ■ UPPER SOUTHERN 04 BALTIMORE WSO AP SNOWFALL SN ON GND WTR EQUIV																		T													
■ ■ ■ NORTHERN CENTRAL 06 CATOCTIN MOUNTAIN PARK SNOWFALL SN ON GND																		2.0													
■ ■ ■ DAMASCUS 2 SW SNOWFALL SN ON GND																		T													
■ ■ ■ WESTMINSTER 2 SSE SNOWFALL SN ON GND																		T	T												
■ ■ ■ APPALACHIAN MOUNTAIN 07 FROSTBURG 2 SNOWFALL SN ON GND																T		T	T												
■ ■ ■ ALLEGHENY PLATEAU 08 OAKLAND 1 SE SNOWFALL SN ON GND																															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
OCTOBER 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 WSD AP	0465	04	ANNE ARUNDEL	3	39 11	76 40	196	MID	MID		C HJ	NATL WEATHER SERVICE
BALTIMORE WSD CI	0470	06	BALTO CITY	3	39 17	76 37	91	MID	MID		C C	OCMI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN. GEORGES	5	39 02	76 53	120	8A	8A		8A C 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. SANY. COMM.
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER	1	38 34	76 04	5	6P	6P		H	WASTEWATER TRTMT PLANT
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		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 H	UNIVERSITY OF MARYLAND
CONOWINGO 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 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
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		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 56	2170	7A	7A		H	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			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		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 H	JOSEPH F. JOHANNING
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 H	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 C 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	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 MARLBORD 3 NNW	9070	04	PRN. GEORGES	4	38 52	76 47	98	8A	8A		8A	TORACCO 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
WESTERNPORT UPRC	9409	07	ALLEGANY	5	39 29	79 03	950	6P	6P		H	CLOSED 6/1/77
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
OCTOBER 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 WSO AP	9595	01	NEW CASTLE	2	39 40	75 36	79	MID	MID		C HJ	H	
WILMGTON PORTER RESVR	9605	01	NEW CASTLE	2	39 46	75 32	274	MID	MID			H	
CLOSED STATIONS MARYLAND													
WESTERNPORT UPRC	9409	07	ALLEGANY	5	39 29	79 03	950	6P	6P			H	CLOSED 6/1/77

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.

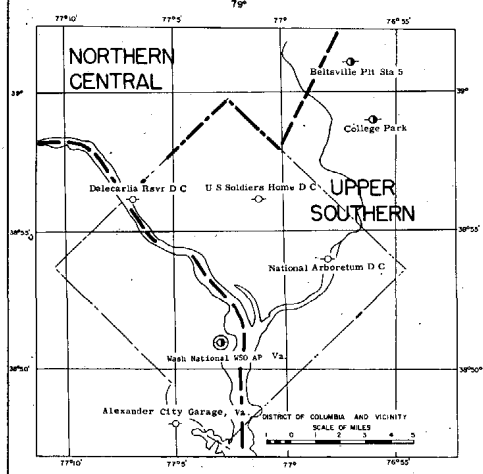
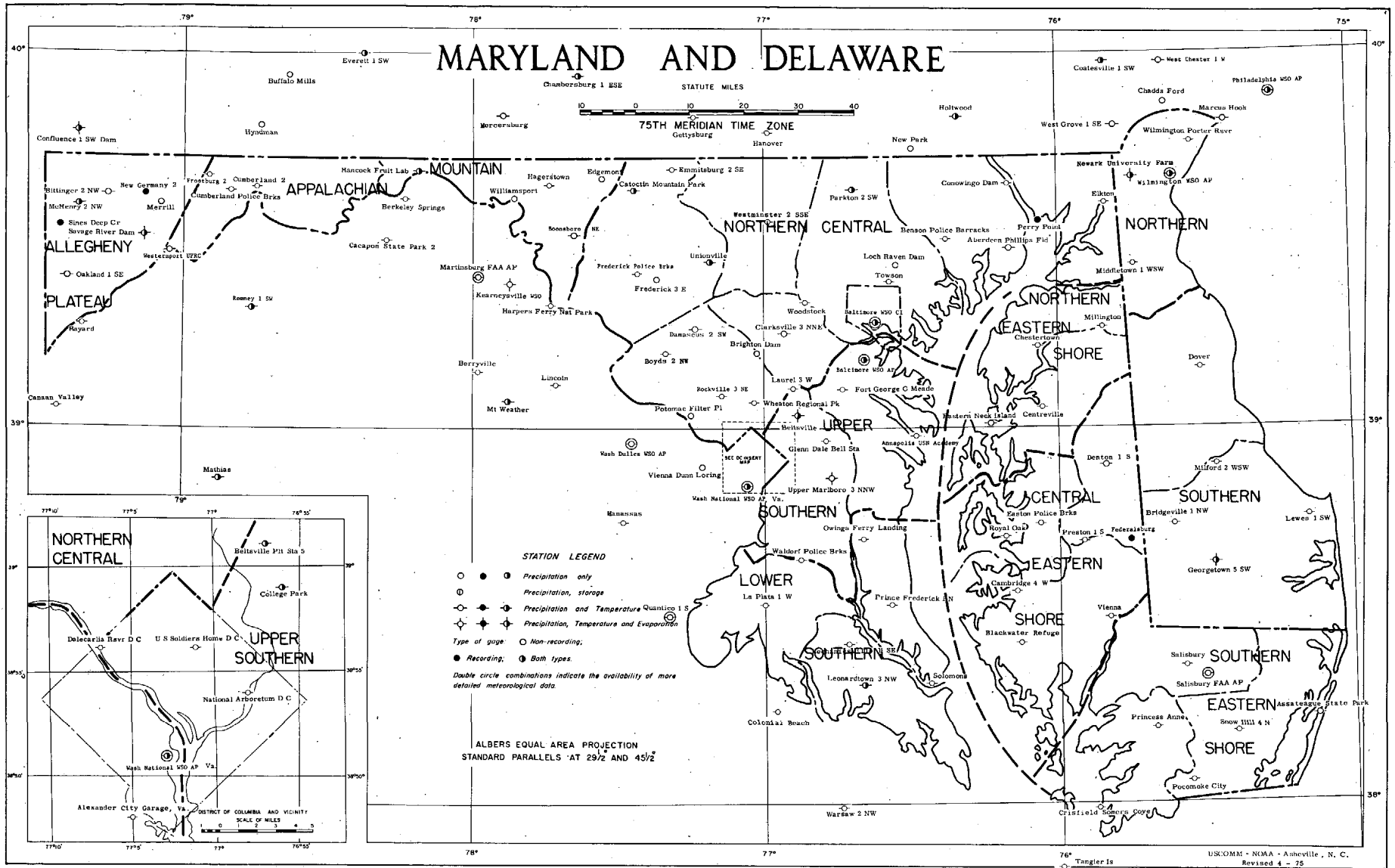
* DRAINAGE CODE: 1-CHESAPEAKE 2-COASTAL 3-PATAPSCO 4-PATUXENT 5-POTOMAC 6-SUSQUEHANNA 7-YOUGHIOGHENY

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.



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