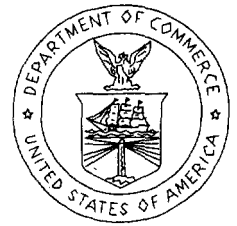


DECEMBER 1974 VOLUME 78 NUMBER 12
 CLIMATOLOGICAL DATA



MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: LEONARDTOWN 3 NW MD. 68 DATE 08
 LOWEST TEMPERATURE: OAKLAND 1 SE MD. -1 DATE 06
 GREATEST TOTAL PRECIPITATION: BALTIMORE WSO CI MD. 8.06
 LEAST TOTAL PRECIPITATION: ANNAPOLIS USN ACADEMY MD. 3.37
 GREATEST 1 DAY PRECIPITATION: FROSTBURG 2 MD. 4.26 DATE 02
 GREATEST TOTAL SNOWFALL: MCHENRY 2 NW MD. 54.0
 GREATEST DEPTH OF SNOW OR ICE: 2 STATIONS 28 DATE 04+

SUPPLEMENTAL DATA

	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				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
							EASTERN												
							01	07	13	19									
BALTIMORE WSO AP MD	30	2.8	8.6	43	E	01	73	76	60	64	8	4	3	1	2	0	18	48	6.9
WILMGTON NCASTLE WSO AP DEL	31	2.6	8.9	35++	6	01	73	77	59	65	7	1	3	3	1	0	15	-	7.2

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
DECEMBER 1974

Table with columns: STATION, TEMPERATURE (Average, Departure from Normal, Highest, Date, Lowest, Date, Degree Days), NO. OF DAYS (Max, Min), PRECIPITATION (Departure from Normal, Greatest Day, Date, Total, Snow/Sleet, No. of Days). Rows include stations like Southern Eastern Shore, Central Eastern Shore, Lower Southern, Upper Southern, and Northern Eastern Shore.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
DECEMBER 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.	0° OR ABOVE	32° OR BELOW				39° OR BELOW	49° OR BELOW	TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	1.00 OR MORE
UNIONVILLE	45.0	27.1	36.1	3.5	56 30	15 5	889	0	0	24	0	4.75	1.55	2.09	2	1.8	T	19	5	3	2	
WESTMINSTER 2 SSE	43.8	29.5	36.7	3.3	55 8	22 11	873	0	1	21	0	5.30	1.83	2.29	2	1.3	T	22	7	4	1	
WHEATON REGIONAL PARK	48.6	29.1	38.9		58 26	19 11	804	0	0	23	0	5.22		1.46	2	T		0	7	4	3	
WOODSTOCK	46.7	28.7	37.7	3.6	58 8	17 11	838	0	0	22	0	6.68	3.41	2.55	2	.3			6	3	3	
DIVISION			37.9	3.5								6.02	2.66			.5						
APPALACHIAN MOUNTAIN 07																						
BOONSBORO 1 NE	44.7M	29.9M	37.3M		54 12	19 5	853	0	0	22	0	6.13		2.37	2	.5	T	19	6	4	2	
CUMBERLAND 2	44.6	28.3	36.5		54 30	18 5+	876	0	0	22	0	4.33		2.55	2	5.5		2	3+	5	3	
CUMBERLAND POLICE BRKS	42.6M	27.3M	35.0M		52 30	12 6	925	0	0	20	0	5.58		1.28	2	7.0		6	4+	10	4	
FROSTBURG 2	38.0	23.7	30.9		52 26	11 6	1052	0	8	29	0	6.87		4.26	2	37.3		28	4	10	1	
HAGERSTOWN	44.0	30.3	37.2		52 30	20 5	859	0	0	20	0	5.28		2.23	2	T		0	5	3	2	
HANCOCK FRUIT LAB	42.8	26.9	34.9		53 13	15 5	928	0	0	21	0	4.84	2.29	2.69	2	2.0		1	19+	5	3	
WESTERPORT UPRC	44.5	30.7	37.6	3.5	53 29	11 5	840	0	0	16	0	5.18	2.47	2.20	1	8.0		8	2		2	
DIVISION			35.6	2.5								5.46	2.68			8.6						
ALLEGHENY PLATEAU 08																						
BITTINGER 2 NW	36.2	22.0	29.1		49 25	6 5	1103	0	9	30	0	7.38		1.79	1	51.4		27	2	13	5	
MCHENRY 2 NW	34.5	23.2	28.9		46 25	10 11	1116	0	13	28	0	7.47		3.66	2	54.0		28	3	13	3	
OAKLAND 1 SE	38.8	21.3	30.1	.9	53 25	1 5	1075	0	8	29	1	5.62	1.81	1.56	1	37.9		22	2	12	4	
SAVAGE RIVER DAM	38.4	23.5	31.0		52 30	7 6	1047	0	5	28	0	4.77		3.00	2	12.5		9	2	6	2	
DIVISION			29.8	1.1								5.31	2.77			39.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
DECEMBER 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			
										30° OR ABOVE	32° OR ABOVE	32° OR BELOW	37° OR BELOW					TOTAL	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
DELAWARE																								
NORTHERN 01																								
MIDDLETOWN 1 WSH	49.4	30.8M	40.1M		63	8	23	11*	766	0	0	19	0	4.37		1.44	16	T	0	5	3	3		
NEWARK UNIVERSITY FARM	47.7H	29.3M	38.5M	4.0	61	8	20	11*	814	0	0	0	0	5.14		2.01	16	T	0	5	3	3		
WILMINGTON WSO RP	47.3	30.4	38.9	4.2	60	8	21	6	805	0	0	20	0	4.18		.86	16	T	0	7	4	1		
WILMINGTON PORTER RESVR	46.5	29.2	37.4	2.9	58	8	22	11*	851	0	0	23	0	4.61		1.18	16	T	0					
DIVISION			38.7	3.8										4.58	1.23			T						
SOUTHERN 02																								
BRIDGEVILLE 1 NW	50.8	32.8	41.8	4.9	63	8	22	11	712	0	0	16	0	5.02	1.61	1.76	16	T	0	6	4	2		
DOVER	51.4	31.7H	41.6M	4.3	64	24	24	11*	724	0	0	19	0	4.11	.69	1.53	16	T	0	7	3	1		
GEORGETOWN 5 SW	50.2	30.0M	40.1M		63	8	20	11	755	0	0	21	0	4.70		1.11	2	T	0	9	4	2		
LEWES 1 SW	49.0	32.5	40.8		62	24	22	6	747	0	0	18	0	4.77		1.20	16	T	0	6	4	3		
MILFORD 2 WSH	51.2	31.5	41.4		63	7	20	5	724	0	0	18	0	6.55		2.19	16	T	T	31	6	4	2	
DIVISION			41.1	3.8										5.03	1.47			T						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
DECEMBER 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	4.37	.23	1.35					1.05	.01						.20	1.44	T						T											.03
NEWMARK UNIVERSITY FARM	5.14	.15	1.40					1.40							.16	2.01	.01						T											.01
WILMINGTON WSO AP	4.18	.56	.75					.16	.72				T		.20	1.43						T		T									.06	
WILMINGTON PORTER RESVR	4.51	.32	.95					1.41					.01		.14	T	1.56					T											.07	
* * * SOUTHERN 02																																		
BRIDGEVILLE 1 NW	5.02	.29	.91					1.05					.03		.60	1.76							.20	.02									.04	
DBVER	4.11	.13	.95					.86							.44	1.53						.12	.02										.13	
GEORGETOWN 5 SW	4.70	.26	1.11					1.02	.14				.02		.56	.75						.25	.06	T									T	
LEWES 1 SW	4.77	1.08	.02					1.13					.02		.62	1.20							.24	.06									.03	
MILFORD 2 WSW	6.55	.21	2.13					.85					.03		.74	2.18	.03					T		.19								.02	.03	
																																		.05
																																		T
																																		.02
																																		.01
																																		.02

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
DECEMBER 1974

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 * * *																																		
ALLEGHENY PLATEAU DB																																		
BITTINGER 2 NW	MAX MIN	31 20	32 27	31 20	24 19	36 6	34 13	36 23	41 29	31 15	28 8	46 21	41 32	36 32	34 27	30 22	37 27	33 23	24 17	36 17	34 13	37 25	30 19	46 18	46 39	49 20	33 18	36 17	36 30	46 30	42 30	47 26	36.2 22.0	
MCHENRY 2 NW	MAX MIN	30 22	31 28	32 25	27 18	22 16	32 18	40 18	42 20	22 10	28 10	44 24	38 33	35 29	32 25	33 25	33 26	26 18	37 17	30 23	38 24	40 22	45 40	46 38	38 18	33 18	33 18	35 30	39 20	39 34	45 30	38 31	38 28	34.5 23.2
OAKLAND 1 SE	MAX MIN	32 22	34 27	31 23	30 18	37 1	41 1	45 19	44 31	31 16	48 11	43 13	39 32	37 32	32 31	38 29	34 26	27 19	39 16	40 11	41 24	33 21	50 6	50 25	53 28	30 20	39 20	39 34	51 30	46 30	38 34	38 28	38.8 21.3	
SAVAGE RIVER DAM	MAX MIN	34 17	34 32	35 32	34 26	30 8	32 7	34 15	37 18	43 27	28 17	33 17	45 20	44 33	39 33	37 25	34 27	42 31	36 25	28 23	42 18	36 18	40 24	34 15	52 16	52 32	43 25	30 23	43 30	40 31	52 33	47 30	38.4 23.5	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
DECEMBER 1974

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	52 35	52 35	49 30	44 23	43 23	45 23	57 23	63 44	61 36	37 27	48 23	55 34	50 30	46 40	44 27	54 30	53 33	42 31	46 28	44 29	43 33	45 33	52 25	59 32	58 43	49 31	43 26	47 31	48 26	58 37	46 27	49.4 30.8
NEWARK UNIVERSITY FARM	MAX MIN	46 34	48 35	48 34	44 29	45 22	45 21	57 24	61 31	59 35	37 26	48 20	54 32	49 32	47 39	43 25	52 36	51 33	42 25	46 26	40 29	43 31	44 30	54 22	52 41	44 29	41 25	44 31	45 25	55 43	47 25	47.7 29.3	
WILMINGTON MSD AP	MAX MIN	50 37	51 35	49 34	43 30	45 23	47 21	56 26	60 45	46 28	37 27	47 22	55 37	50 34	45 31	42 26	54 41	46 36	38 27	46 28	43 29	43 36	46 31	51 24	55 34	49 33	40 27	42 28	48 26	47 31	57 27	37 27	47.3 30.4
WILMINGTON PORTER RESVR	MAX MIN	46 34	42 33	46 32	42 22	44 22	46 25	55 29	58 46	56 27	35 26	47 22	54 34	48 38	43 32	40 25	51 33	45 34	37 25	42 24	43 29	43 31	44 28	48 28	52 30	42 33	40 27	41 25	46 28	45 28	53 30	37 24	45.5 29.2
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX MIN	55 33	55 40	48 36	43 31	45 23	49 23	59 31	63 53	59 36	38 27	49 22	52 37	54 34	46 39	44 28	60 40	57 32	50 25	49 30	44 28	43 35	45 33	54 25	61 40	58 46	47 30	44 25	47 36	47 26	59 45	51 27	50.8 32.8
DOVER	MAX MIN	44 26	52 39	48 36	48 31	45 25	51 24	61 25	62 59	59 38	40 27	49 24	55 37	52 36	55 32	44 26	56 39	56 35	46 31	49 26	47 29	48 38	45 32	55 25	64 37	62 43	45 31	44 25	47 35	51 27	58 45	54 27	51.4 31.7
GEORGETOWN 5 SW	MAX MIN	51 32	55 37	42 31	42 22	45 22	48 28	63 34	62 36	47 26	35 20	50 25	52 31	55 35	45 25	53 32	60 31	50 32	40 22	49 25	44 32	42 32	48 23	55 42	60 46	60 46	50 33	50 23	45 36	48 25	52 37	59 24	50.2 30.0
LEWES 1 SW	MAX MIN	54 38	44 39	48 36	42 30	40 23	46 22	61 32	59 51	55 35	37 25	47 23	48 40	49 31	47 38	44 29	60 43	50 32	41 29	51 24	42 30	42 37	46 32	59 25	52 40	60 40	42 26	47 25	44 32	49 26	59 41	43 34	49.0 32.5
MILFORD 2 WSW	MAX MIN	54 37	52 35	48 35	45 31	45 20	47 23	63 27	62 52	60 37	40 26	50 21	54 37	53 30	48 37	43 25	59 38	57 31	45 32	50 23	47 26	42 35	45 32	56 23	61 38	59 43	48 30	45 23	48 35	49 25	60 44	52 25	51.2 31.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
DECEMBER 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																																		
SALISBURY FAA AP									T											T														
SNOW HILL 4 N									T											T														
CENTRAL EASTERN SHORE 02																																		
CAMBRIDGE 4 W																				T														
DENTON 1 S																																		T
ROYAL OAK									T											T														T
LOWER SOUTHERN 03																																		
LA PLATA 1 W		T																			T													
UPPER SOUTHERN 04																																		
BALTIMORE WSO AP																					.4													T
FORT GEORGE G MEADE																				T														
GLENN DALE BELL STA									T											T														T
NORTHERN EASTERN SHORE 05																																		
CHESTERTOWN																		T		T														T
NORTHERN CENTRAL 06																																		
EMMITSBURG 2 SE	T																				1.0												T	
FREDRICK POLICE BARR																				T														
PARKTON 2 SW																				T	.4													T
UNIONVILLE		T																			1.8													T
WESTMINSTER 2 SSE																				T	1.3					T								
WOODSTOCK																				T														
APPALACHIAN MOUNTAIN 07																																		
HAGERSTOWN	T	T																			T													T
HANCOCK FRUIT LAB	.9	1.0	T													T				.9														
ALLEGHENY PLATEAU 08																																		
BITTINGER 2 NW	15.0	14.0	1.9	.7					3.6	.4				.6	T	3.5	2.6	2.3	.7															
OAKLAND 1 SE	16.0	10.0	2.0	.4					2.0	T				.9		1.0	2.0	1.0																
SAVAGE RIVER DAM	1.0	8.0														1.0		.5	2.0															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
DECEMBER 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																																								
" " "	01																																							
NEWARK UNIVERSITY FARM																																								
WILMINGTON WSO RP																																								
WILMINGTON PORTER RESVR																																								
" " "	02																																							
BRIDGEVILLE 1 NW																																								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
DECEMBER 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	5P	5P			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	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.	
BENSON POLICE BARRACKS	0732	06	HARFORD	1	39 30	76 23	385	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	
BOONSBORO 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.	
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	
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	5P	5P	C	H	UNIVERSITY OF MARYLAND	
CONOWINGO DAM	2060	06	HARFORD	6	39 39	76 10	40	MID	MID		H	SUSQUEHANNA ELETIC 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	CLOSED 10/23/73	
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		H	EMORY DOBSON	
EASTERN NECK ISLAND	2691	05	KENT	1	39 01	76 14	20	5P	5P			EASTERN NECK WDLF 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	560	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 05	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
LOCH 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. JOHNNING
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		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						CLOSED 8/31/74
NEW GERMANY 2	6410	08	GARRETT	5	39 37	79 08	2480						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
PERRY POINT	6980	06	CECIL	1	39 33	76 04	40						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.
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	75 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						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

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
DECEMBER 1974

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
MARYLAND												
UNIONVILLE	9030	06	FREDERICK		5 39 27	77 11	430	6P	6P		C H	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
UPPER MARLBORO 3 NNW	9070	04	PRN. GEORGES		4 38 52	76 47	98	8A	8A	8A		
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. 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		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	8A	C 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	5P	5P	5P	C H	
WILMINGTON WSD AP	9595	01	NEW CASTLE		2 39 40	75 36	74	MID	MID		C HJ	
WILMGTN PORTER RESVR	9605	01	NEW CASTLE		2 39 46	75 32	274	MID	MID		H	
CLOSED STATIONS MARYLAND												
CUMBERLAND	2280	07	ALLEGANY		5 39 39	78 45	900	6P	7A		H	CLOSED 10/23/73 CLOSED 8/31/74
NEW GERMANY	6408	08	GARRETT		5 39 38	79 07	2590				C	
NEW STATIONS MARYLAND												
CUMBERLAND 2	2282	07	ALLEGANY		5 39 38	78 45	700	6P	7A			TIMOTHY B THOMAS LESTER BITTINGER
NEW GERMANY 2	6410	08	GARRETT		5 39 37	79 08	2480				C	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LATE REPORTS MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE

Station	Temperature											Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days		Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days				
										Max.	Min.				Total	Total	Max. Depth on Ground	Days	.10 or More	.50 or More	1.00 or More	
																						90° or Above
MARYLAND																						
* * * JANUARY 1974																						
SOLOMONS	50.6M	35.6M	43.1M	5.0				677	0	0	0	4.77	1.65									
* * * FEBRUARY 1974																						
SOLOMONS	51.2	32.4M	41.8M	3.3	69	22	20	6	645	0	0	15	0	2.30	- .48	.66	7		5	3	0	
* * * MARCH 1974																						
SOLOMONS	57.6M	39.2M	48.4M	2.9	76	4	26	13	506	0	0	5	0	4.76								
* * * APRIL 1974																						
FROSTBURG 2 PRINCESS ANNE UPPER MARLBOR 3 NNW	59.6 69.6 68.2	37.7 43.5 42.5	48.7 56.6 55.4		81 88 90	29 30+	21 28	11+	495 275 308	0 0 1	0 0 0	12 3 4	0 0 0	2.33 2.20 2.67	.67 .91 1.30	9 5 9	.9 .0 .0	1 0 0	10	5 5 4	2 2 2	0 0 1
* * * MAY 1974																						
DENTON 1 S PRINCESS ANNE	74.2	51.6	62.9		91 89	17 17			122	1 0	0 0	0 1	0 0			.0 .0	0 0					
* * * JUNE 1974																						
CUMBERLAND	80.4	54.9	67.7		95	10	45	12	24	2	0	0	0	6.18		1.18	1	.0	0	10	6	2
* * * AUGUST 1974																						
DWINGS FERRY LANDING	84.5	65.5	75.0		90	29+	51	12	0	3	0	0	0	6.26	1.75	1.54	7	.0	0	7	5	4
* * * SEPTEMBER 1974																						
MECHANICSVILLE 1 SE PRINCESS ANNE	79.9M 80.2	58.5M 56.8	69.2M 68.5		90 89	13+ 12+	37 37	24 24	27 45	2 0	0 0	0 0	0 0	6.40 2.47	1.75 .80	28 4	.0 .0	0 0		6 5	5 2	3 0
* * * OCTOBER 1974																						
PRINCESS ANNE	69.4	41.0	55.2		81	15	23	20	315	0	0	8	0	1.69		1.60	16	.0	0	1	1	1

See Reference Notes Following Station Index

LATE REPORTS DAILY PRECIPITATION

MARYLAND AND DELAWARE

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																																	
* * *																																	
JANUARY 1974																																	
SOLOMONS	4.77	*	*	*	*	*	*	*	1.50	.60	.50										.60					1.27	1.30						
* * *																																	
FEBRUARY 1974																																	
SOLOMONS	2.30		.50					.66	.50											.30		.30				.04							
* * *																																	
MARCH 1974																																	
SOLOMONS	4.76						.11	.04					.45			*	*	*	*	*	1.46								.30	*	2.40		
* * *																																	
APRIL 1974																																	
FROSTBURG 2	2.33	.05	.11	T	.55	.08	T	.01	.28	.67	.06		.03	.44	.22	T								.05	.04	.02							
PRINCESS ANNE	2.20				.16	.91	.04			.02			.01	.18										.60									
UPPER MARLBORO 3 NNW	2.67	T	.03		.09	.03	.53			1.30	T		.06	.24										.37	T								
* * *																																	
MAY 1974																																	
DENTON 1 S																																	
PRINCESS ANNE							.13	.25	.19										.56				.35	.01	.40	.17	.18	.03	.64	T			
* * *																																	
JUNE 1974																																	
CUMBERLAND	6.18	1.18	.71	.03								.10	.05				1.13	.33			.73	T	.15	.60	.70	1.06	.02	.02	.37				
* * *																																	
AUGUST 1974																																	
DWINGS FERRY LANDING	6.26		.17	.84	.03			1.54	1.16					.44			1.02		T		.06					1.00							
* * *																																	
SEPTEMBER 1974																																	
MECHANICSVILLE 1 SE	6.40	.06	.59	1.63	.71	1.34	.04					.28																					
PRINCESS ANNE	2.47		.24	.80	.32	.57	T																.05					1.75	.49				
* * *																																	
OCTOBER 1974																																	
EDGEWONT	1.57																																
PRINCESS ANNE	1.69																1.16	.40									.01						
																	1.60	.09															

See reference notes following Station Index.

LATE REPORTS EVAPORATION AND WIND

MARYLAND AND DELAWARE

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																																	
* * *																																	
APRIL 1974																																	
UPPER MARLBORO 3 NNW	EVAP	-	.09	.10	.17	.07	.11	.14	.23	.01	.05	.22	.11	.18	.08	.19	.30	.17	.15	.20	.11	.19	.23	.24	.26	.12	.20	.22	.21	.21	.29	5.038	
	WIND	-	32	34	72	100	69	74	76	41	97	58	35	88	28	88	83	41	25	38	42	29	74	85	83	79	48	45	25	41	35	17288	
	MAX	49	62	71	79	66	65	53	68	50	52	63	69	75	76	80	77	66	76	77	63	75	78	80	78	54	73	78	81	82	89	70.1	
	MIN	38	35	45	45	60	44	36	36	45	35	34	37	44	56	54	45	41	45	47	39	39	45	55	43	42	42	46	49	50	61	44.4	

See Reference Notes Following Station Index

CORRECTIONS

MARYLAND AND DELAWARE

MARYLAND

DATE	TABLE	DIVISION	STATION	CORRECTION
OCTOBER 1973 THRU ALL TABLES NOVEMBER 1974		APPALACHIAN MOUNTAIN 07	CUMBERLAND	CORRECT STATION NAME CUMBERLAND 2.
SEPTEMBER 1974	MONTHLY SUMMARIZED STATION & DIVISIONAL DATA	NORTHERN CENTRAL 06	DAMASCUS 2 SW	DEGREE DAYS 87.
SEPTEMBER 1974	DAILY TEMPERATURES	NORTHERN CENTRAL 06	DAMASCUS 2 SW	MAXIMUM 26th, 72.

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.

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.
- 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.

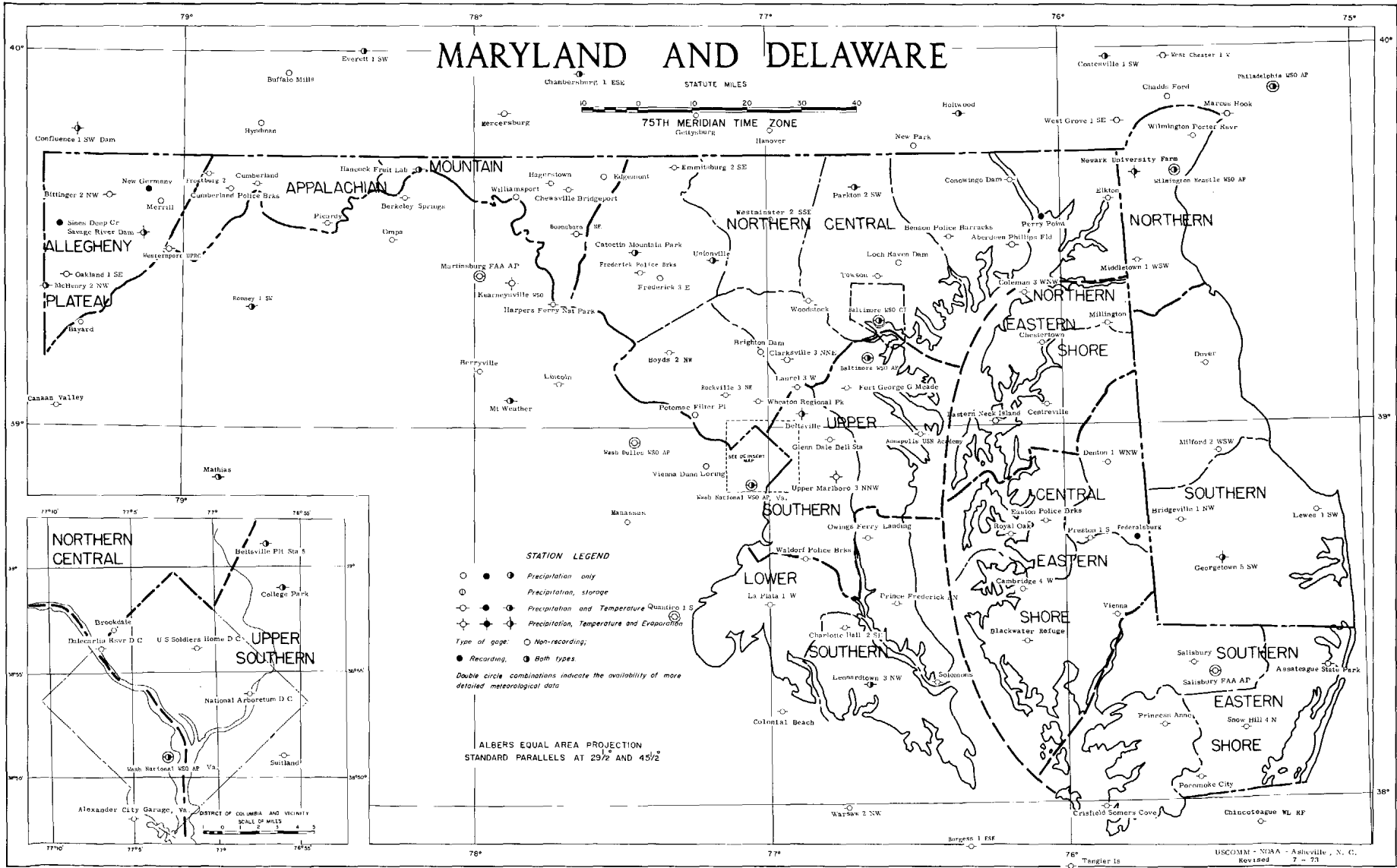
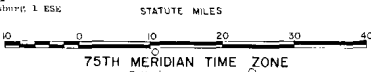
Subscription Price: \$4.50 a year for each section including annual summary; \$4.70 additional for foreign mailing; 35¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

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. Haggard
Director, National Climatic Center

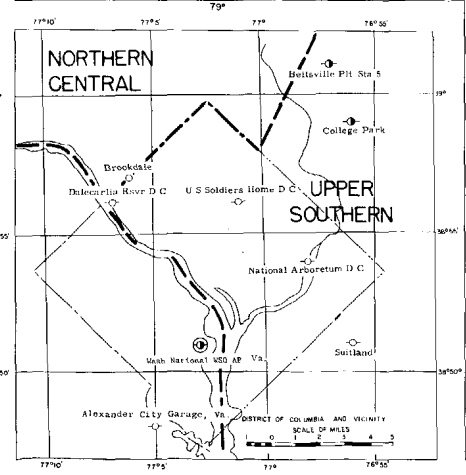
USCOMM-NOAA-ASHEVILLE, N.C. 1/31/75-960

MARYLAND AND DELAWARE



- STATION LEGEND**
- ● ● Precipitation only
 - ● ● Precipitation, storage
 - ● ● Precipitation and Temperature Quantities
 - ● ● Precipitation, Temperature and Evaporation
- Type of gage: ○ Non-recording;
● Recording; ● Both types
- Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½ AND 45½



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