



Climatological Data

MARYLAND AND DELAWARE

Temperature and Precipitation Extremes

HIGHEST TEMPERATURE				
2 STATIONS	95	DATE	11+	
LOWEST TEMPERATURE				
OAKLAND 1 SE	38	DATE	13	
GREATEST TOTAL PRECIPITATION				
ROCKVILLE 3 NE	8.42			
LEAST TOTAL PRECIPITATION				
CRISFIELD SOMERS COVE	2.11			
GREATEST 1 DAY PRECIPITATION				
CENTREVILLE	2.69	DATE	23	

SUPPLEMENTAL DATA

MARYLAND AND DELAWARE
JUNE 1974

	WIND (SPEED - M.P.H.)							RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION						PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET	
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	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 WSB AP MD	28	0.7	8.4	23	54	21+	91	92	64	71	5	3	6	0	1	0	15	49	6.7	
WILMINGTON NCASLE WSB AP DEL	34	0.3	9.6	32++	31	21	81	81	59	66	5	5	4	2	1	0	17	-	7.1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
JUNE 1974

STATION	TEMPERATURE											PRECIPITATION															
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS						TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS				
										MAX.		MIN.		TOTAL	WET					DRY	WET	DRY	DATE	DATE	DATE	DATE	DATE
										90° OR ABOVE	80° OR BELOW	70° OR BELOW	60° OR BELOW														
90° OR ABOVE	80° OR BELOW	70° OR BELOW	60° OR BELOW	50° OR BELOW	40° OR BELOW	30° OR BELOW	20° OR BELOW	10° OR BELOW	0.50 OR MORE	1.00 OR MORE	1.00 OR MORE																
WESTMINSTER 2 SSE	75.4	57.6	66.9	- 3.9	89	10	50	13	31	0	0	0	0	0	4.72	1.07	.82	27	.0	0		12	3	0			
WHEATON REGIONAL PARK	77.1	57.4	67.3		90	10	49	13	16	1	0	0	0	0	5.85		1.47	24	.0	0		8	4	3			
WOODSTOCK	79.4	57.4	68.4	- 2.3	94	10	47	13	8	1	0	0	0	0	4.64	.99	1.43	2	.0	0		7	3	1			
DIVISION			67.8	- 3.3											4.38	.69			.0								
* * *																											
APPALACHIAN MOUNTAIN 07																											
BOONSBORO 1 NE	78.0	56.9	67.5		91	10	46	17	21	1	0	0	0	0	3.78		.83	11	.0	0		7	4	0			
CUMBERLAND																											
CUMBERLAND POLICE BRKS																											
FROSTBURG 2	71.0	50.6	60.8		86	11+	43	14	140	0	0	0	0	0	6.38		.93	1	.0	0		11	6	0			
HAGERSTOWN	78.7	57.7	68.2		92	10	47	13	17	1	0	0	0	0	4.35		.96	16	.0	0		9	4	0			
HANCOCK FRUIT LAB	75.8	54.8	65.3		90	11	43	13	51	1	0	0	0	0	6.52	3.00	2.20	16	.0	0		10	6	1			
WESTERNPORT UPRC	76.8	55.2	66.0	- 3.9	93	10	44	13	39	2	0	0	0	0	5.69	2.15	1.25	23	.0	0		11	4	1			
DIVISION			65.6	- 4.5											5.34	1.80			.0								
* * *																											
ALLEGHENY PLATEAU 08																											
BITTINGER 2 NW	68.1	50.5	59.3		84	10	39	13	178	0	0	0	0	0	5.03		1.42	23	.0	0		13	4	1			
MCHENRY 2 NW	69.9	51.7	60.8		85	11	43	18	136	0	0	0	0	0	6.28		1.14	23	.0	0		10	7	2			
OAKLAND 1 SE	71.6	50.5	61.1	- 3.2	85	10	38	13	135	0	0	0	0	0	6.39	2.11	1.17	23	.0	0		11	4	2			
SAVAGE RIVER DAM	72.3	52.0	62.2		89	11	41	13	111	0	0	0	0	0	7.41		.96	26	.0	0		11	8	0			
DIVISION			60.9	- 3.5											6.28	2.05			.0								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
JUNE 1974

STATION	TEMPERATURE										PRECIPITATION												
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW SLEET			NO. OF DAYS		
										MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										34° OR ABOVE	32° OR BELOW	34° OR BELOW	32° OR BELOW										
DELAWARE																							
* * * NORTHERN 01																							
MIDDLETOWN 1 WSW	78.9	58.5	68.7		93	10	51	6	4	2	0	0	0	4.18		1.05	2	.0	0		9	4	1
NEWARK UNIVERSITY FARM	80.0	58.1	69.1	- 2.2	94	10	50	13+	5	2	0	0	0	3.87	.47	1.00	23	.0	0		8	3	1
WILMINGTON WSB AP	79.0	61.7	70.4	- 1.0	92	10	55	13+	7	1	0	0	0	3.97	.73	1.20	16	.0	0		7	3	1
WILMINGTON PORTER RESVR	76.7	58.4	67.6	- 3.1	91	10	52	3	26	1	0	0	0	4.68	1.16	1.62	16	.0	0		7	4	1
DIVISION																							
* * * SOUTHERN 02																							
BRIDGEVILLE 1 NW	78.4	58.9	69.7	- 2.5	91	10	49	4	6	1	0	0	0	4.89	1.17	1.90	2	.0	0		8	3	2
DOVER	79.4	59.3	69.4	- 3.5	94	10	49	4	9	2	0	0	0	6.53	3.19	1.97	2	.0	0		9	4	2
GEORGETOWN 5 SW	77.6	57.5	67.6		92	11	45	4	25	1	0	0	0	2.91		1.06	3	.0	0		8	1	1
LEWES 1 SW	76.4	60.7	68.6		94	10	48	4	18	1	0	0	0	6.03		1.82	22	.0	0		8	4	3
MILFORD 2 WSW	79.7M	58.2M	69.0M		94	10	46	4	13	3	0	0	0	4.67		1.92	2	.0	0		7	3	1
DIVISION																							
68.9 - 3.2																							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JUNE 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
DELAWARE																															
* * *																															
NORTHERN 01																															
MIDDLETOWN 1 HSW	4.16	.18	1.05	.01				.08				.08		T		.53	.52							.16	.38			.13	.90	.06	.10
REMARK UNIVERSITY FARM	3.87	.05	.46	T				.06				.02				.55	.35							1.00			.10	.02		.78	.17
WILMINGTON HSB AP	3.97	.04	.39									.02				1.20	.38					T	.23	.01	.87	T			T	.62	.07
WILMINGTON PORTER RESVR	4.68	.08	.29					.04	T							1.62	.20						.08		.69	.14		.06		.68	
* * *																															
SOUTHERN 02																															
BRIDGEVILLE 1 HW	4.88	.06	1.80	.11				.11	.13				T			.10	.02							.44	1.35	.08	.01			.54	.04
DOVER	6.53	.02	1.87	.08				.03	.10							.72	.31							.40	1.79	.01	.02		.24	.70	.14
GEORGETOWN 5 SW	2.91	T	.45	1.06					.10	.06														.18	.10	.22	.03	.05		.25	.41
LEMES 1 SW	6.03	.20	1.35					.06	T				T			.61	.01					T	1.40				.11		.26		
MILFORD 2 HSW	4.87	.02	1.82	.19				.16	.08							.21								.37	.73	T	T		.98		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JUNE
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 OB																																
BITTINGER 2 NW	MAX	64	60	69	73	70	73	58	69	80	84	67	61	67	73	70	67	60	67	75	73	72	71	63	60	61	64	65	59	64	74	
	MIN	55	50	46	44	52	51	52	56	58	61	52	49	39	46	52	50	43	43	49	60	60	61	53	41	47	48	46	52	47	53	
MCHENRY 2 NW	MAX	72	60	65	72	78	72	78	70	73	83	85	87	83	70	76	65	72	64	68	77	75	74	72	57	62	62	66	70	62	66	
	MIN	58	51	48	53	55	55	53	54	57	62	52	50	44	47	55	51	45	43	48	55	60	60	55	46	47	48	49	52	48	49	
OAKLAND 1 SE	MAX	65	63	73	77	74	77	74	75	83	85	74	87	72	78	75	72	84	70	77	77	76	71	67	61	64	68	68	65	75		
	MIN	58	52	46	44	47	47	55	58	56	59	54	51	38	41	53	52	47	38	41	62	61	62	54	45	48	49	45	53	46	50	
SAVAGE RIVER DAM	MAX	73	67	62	75	78	76	77	71	72	85	89	71	67	72	77	76	67	66	72	78	79	79	76	61	68	65	69	70	64	68	
	MIN	60	55	50	48	53	49	52	55	59	58	57	54	41	42	49	55	50	44	45	51	63	62	58	47	49	52	48	50	49	53	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JUNE
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 WSH	MAX	77	76	70	80	81	78	75	77	86	93	92	83	80	81	80	80	79	80	84	87	87	88	86	75	72	72	73	68	74	82	79.9
	MIN	65	57	58	52	54	51	57	61	60	67	70	59	53	57	57	66	61	57	56	67	68	67	63	57	59	58	59	55	56	59	59.5
NEWMARK UNIVERSITY FARM	MAX	76	71	72	80	81	81	80	76	86	94	93	80	80	81	80	83	78	78	85	86	86	85	86	76	70	74	74	70	75	83	80.0
	MIN	64	57	54	50	53	51	56	60	59	61	69	55	50	54	55	65	60	54	54	65	67	67	60	58	59	57	58	56	55	59	58.1
WILMINGTON WSO AP	MAX	78	85	73	78	78	81	71	78	87	92	84	81	78	81	81	81	81	81	86	87	89	88	73	78	66	72	75	63	76	84	79.0
	MIN	65	60	56	55	59	55	60	64	61	70	67	59	55	58	62	68	62	58	59	71	71	70	62	60	61	59	62	59	58	64	61.7
WILMINGTON PORTER RESVR	MAX	76	63	72	77	78	80	69	79	85	91	80	78	77	79	79	77	78	78	85	85	85	85	69	73	63	72	73	61	74	81	76.7
	MIN	63	55	52	54	54	53	55	60	64	68	63	57	53	54	58	65	59	58	57	67	65	65	60	56	56	55	57	54	54	60	58.4
* * *																																
SOUTHERN 02																																
BRIDGEVILLE 1 NW	MAX	80	70	70	78	78	78	73	77	86	81	83	81	79	81	81	77	81	81	85	89	87	87	87	75	72	76	71	66	77	83	78.4
	MIN	66	59	56	48	53	50	59	63	61	69	70	60	54	55	56	65	63	56	54	67	69	67	68	59	58	56	60	59	55	63	58.9
DOVER	MAX	77	72	72	76	75	75	74	78	85	94	92	92	80	77	78	82	78	80	83	87	86	86	86	74	76	71	73	67	79	86	79.4
	MIN	54	57	57	49	52	52	57	62	60	70	70	59	54	54	57	65	62	56	55	67	70	67	62	60	60	57	59	55	59	62	59.3
GEBRGETOWN 5 SW	MAX	72	80	63	68	77	78	77	67	76	85	92	82	80	76	79	81	81	81	82	85	89	86	87	75	72	69	73	71	68	77	77.6
	MIN	58	60	57	45	51	49	59	60	60	65	65	56	53	52	54	64	65	52	50	50	68	68	66	59	57	52	57	60	53	60	57.5
LEWES 1 SW	MAX	79	68	66	74	75	74	65	73	81	94	92	80	71	74	75	77	78	77	81	88	88	87	77	69	68	70	69	69	78	84	76.4
	MIN	63	58	55	48	57	52	59	63	63	68	65	56	60	56	59	68	65	57	65	69	67	67	63	61	61	56	59	61	58	61	60.7
MILFORD 2 WSH	MAX	80	78	69	78	78	78	71	76	86	94	90	82	80	79	80	79	80	82	86	90	88	88	85	72	70	73	70	68			79.7
	MIN	65	57	50	46	51	49	58	62	59	68	62	56	51	53	55	65	63	53	51	67	68	66	64	60	58	56	59	58			58.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
JUNE 1974

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	-	-	-	.16	.23	.24	-	.09	.20	.11	.37	.29	.21	.18	.26	.31	.01	.25	.20	.25	.19	.18	.24	.06	.16	.04	.10	.13	-	-	-	
	WIND	46	24	16	17	27	24	37	61	34	21	42	35	22	18	27	54	21	17	14	55	19	45	25	27	11	18	12	46	-	-	-	
	MAX	72	75	61	88	88	88	80	71	83	93	99	89	85	91	86	88	78	90	87	88	93	85	92	69	76	81	80	80	-	-	-	
	MIN	65	50	58	60	50	58	59	60	64	66	66	63	56	58	62	63	62	61	61	63	70	68	68	59	60	64	62	60	-	-	-	
UPPER MARLBORO 3 NHW	EVAP	.06	.08	.07	.16	.24	.25	.25	.03	.08	.22	.32	.33	.21	.18	.24	.22	.17	.21	.21	.16	.18	.39	.24	.06	.15	.15	.16	.15	x	.11		
	WIND	39	25	45	22	23	22	29	66	32	16	33	33	26	19	21	34	29	17	18	46	22	37	27	60	36	39	12	72	46	22		
	MAX	75	77	80	84	90	91	92	88	80	95	102	80	88	90	88	92	82	85	91	85	91	88	92	72	82	80	81	75	62	84		
	MIN	65	60	58	58	60	58	61	58	64	65	68	65	58	59	63	64	63	61	62	62	70	72	68	58	61	62	62	58	57	57		
* * *																																	
ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM	EVAP	-	.09	x	.20	.32	.16	.21	.27	.10	.20	.23	.30	.19	.09	.26	.00	.16	.19	.20	.16	.08	.19	.16	.03	.14	-	x	x	.44	.22		
	WIND	43	37	31	32	25	36	58	71	34	32	62	65	55	41	27	35	33	43	51	26	32	55	48	41	34	23	43	45	34	35		
	MAX	73	68	68	84	86	88	88	83	77	95	95	75	68	79	86	78	75	77	82	81	80	81	77	83	69	65	78	79	67	73		
	MIN	63	58	55	55	56	61	62	60	62	63	68	60	50	46	51	60	56	53	51	51	63	65	62	54	53	55	56	55	56	56		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
JUNE 1974

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	-	-	-	.08	.22	.44	*	.38	.15	.08	.56	.14	.20	.36	.21	.18	.21	.21	.18	.07	*	.57	-	.08	.07	.06	.13	.10	.02	.20	5.608
	WIND	-	-	-	15	18	24	95	82	25	30	69	43	28	17	34	40	31	28	19	26	21	41	45	33	23	17	20	84	45	21	10828
	MAX	-	-	83	90	92	92	90	78	94	102	102	87	90	91	91	90	90	80	95	85	93	93	92	80	76	81	81	78	86	94	89.1
	MIN	-	-	64	62	64	63	59	63	64	70	69	61	58	62	63	67	65	60	61	69	72	69	63	58	63	60	65	59	57	67	63.5
* * *																																
SOUTHERN 02																																
GEORGETOWN 5 SW	EVAP	.14	.15	-	.12	.25	.26	.29	*	.14	.20	.40	.35	.28	.20	.29	.28	.13	.24	.31	.38	.32	.41	.28	.10	.09	.08	.12	.15	*	.14	6.318
	WIND	85	79	101	46	34	33	73	113	89	59	105	76	69	37	36	93	72	41	45	114	94	148	65	112	58	2	87	122	107	58	2253

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
JUNE 1974

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
MARYLAND												
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	1	39 28	76 10	57	5P	5P			ROSS AVIATION INC.
ANNAPOLIS USN ACADEMY	0185	04	ANNE ARUNDEL	1	38 59	76 29	5	5P	5P			US NAVAL ACADEMY
ASSATEAGUE STATE PARK	0335	01	WORCESTER	2	38 14	75 08	7	6P	6P			ASSATEAGUE STATE PARK
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL	3	39 11	76 40	148	MID	MID		C H J	NATL WEATHER SERVICE
*BALTIMORE WSO CI	0470	06	BALTO CITY	3	39 17	76 37	14	MID	MID		C 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	365	5P	5P			MD. STATE POLICE
BITTINGER 2 NW	0881	08	GARRETT	7	39 37	79 15	2700	7P	7P		H	ELBERT E. BUCKEL
BLACKWATER REFUGE	0915	02	DORCHESTER	1	38 26	78 08	5	3P	3P			NAT. WILDLIFE REFUGE
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. SAN. COMM.
CAMBRIDGE 4 W	1385	02	DORCHESTER	1	38 34	76 08	5	6P	6P		H	D ARCY MC B. HARDING
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	5	39 39	77 29	1610	4P	4P		C	CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES	1	39 03	76 03	46	6P	6P			MARION G. LEIBY
CHARLOTTE HALL 2 SE	1686	03	ST MARYS	4	38 28	76 46	166	5P	5P			INACTIVE 1/1/73
CHESTERTOWN	1750	05	KENT	1	39 13	76 04	40	11P	11P		H	T. W. ELIASON, JR.
CLARKSVILLE 3 NNE	1862	06	HOWARD	4	39 15	76 56	365	5P	5P			UNIVERSITY OF MARYLAND
COLEMAN 3 NW	1980	05	KENT	1	39 21	76 08	78	6P	6P			INACTIVE 10/1/71
COLLEGE PARK	1995	04	PRN. GEORGES	5	38 59	76 57	90	5P	5P		C H	UNIVERSITY OF MARYLAND
CONWINGO DAM	2060	06	HARFORD	6	39 39	76 10	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO.
CRISFIELD SOMERS COVE	2215	01	SOMERSET	1	37 59	75 52	8	5P	5P			SOMERS COVE MARINA
CUMBERLAND	2280	07	ALLEGANY	5	39 39	78 45	900	6P	7A		H	TIMOTHY B. THOMAS
CUMBERLAND POLICE BRKS	2285	07	ALLEGANY	5	39 38	78 50	970	5P	5P			MD. STATE POLICE
DAMASCUS 2 SW	2335	06	MONTGOMERY	5	39 16	77 14	720	7P	7P			RICHARD W SCHWERDT
DENTON 1 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	08	FREDERICK	5	39 41	77 18	415	5P	5P		H	MRS. LUCILLE K. BEALE
FEDERALSBURG	3090	02	CAROLINE	1	38 41	75 46	20				C	SEWAGE TREATMENT PLANT
FORT GEORGE G MEADE	3230	04	ANNE ARUNDEL	4	39 06	76 45	140	5P	5P		H	FILTRATION PLANT
FREDRICK POLICE BARR	3348	06	FREDRICK	5	39 25	77 26	380	5P	5P		H	MARYLAND STATE POLICE
FREDERICK 3 E	3355	06	FREDERICK	5	39 24	77 22	385		8A			MISS I. MARY STALEY
FROSTBURG 2	3415	07	ALLEGANY	5	39 40	78 56	2170	7A	7A			LEE K CLOSE
GLENN DALE BELL STA	3675	04	PRN. GEORGES	4	38 58	76 48	150	4P	4P		H	PLANT INTRO. GARDEN
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	660	6P	6P		H	HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON	5	39 42	78 11	428	8A	8A		C H	U. OF MD. FRUIT LAB.
LA PLATA 1 W	5080	03	CHARLES	5	38 32	77 00	140	5P	5P		H	C. RUSSELL LEVERING
LAUREL 3 W	5111	04	PRN. GEORGES	4	39 06	76 54	400	MID	MID			WASH. SUB. SAN. 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
MERRILL	5894	08	GARRETT	5	39 36	78 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	2580				C	ARCHIE BITTINGER
OKLAND 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. BURNE, JR.
PARKTON 2 SW	6844	06	BALTIMORE	1	39 38	76 42	600	11P	11P		C H	JOHN R. FOX
PERRY POINT	6880	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.
PRESTON 1 S	7310	02	CAROLINE	1	38 42	75 55	50	6P	6P		H	FRANKLIN D. NUSBAUM
PRINCE FREDERICK 1 N	7325	03	CALVERT	1	38 33	76 35	135	5P	5P			STANLEY L. WATSON
PRINCESS ANNE	7330	01	SOMERSET	1	38 13	75 41	20	5P	5P		H	MARYLAND ST COLLEGE FRM
ROCKVILLE 3 NE	7705	06	MONTGOMERY	5	39 07	77 06	400	4P	4P			MD NATL CAPITAL PARK
ROYAL OAK	7806	02	TALBOT	1	38 43	76 11	10	6P	6P		H	J. L. SWAINE, JR.
SALISBURY	8000	01	WICOMICO	1	38 22	75 35	10	5P	5P			CITY OF SALISBURY
*SALISBURY FAA AP	8005	01	WICOMICO	1	38 20	75 30	48	MID	MID		H	FED. AVIATION AGENCY
SAVAGE RIVER DAM	8065	08	GARRETT	5	39 31	79 08	1495	8A	8A		BAC H	U S CORPS OF ENGINEERS
SINES DEEP CREEK	8315	08	GARRETT	7	39 32	79 25	2040				C	PA. ELECTRIC CO.
SNOW HILL 4 N	8387	01	WORCESTER	1	38 14	75 23	28	6P	6P		H	CURTIS E. SHOCKLEY
SOLGOMONS	8405	03	CALVERT	1	38 19	76 27	12	4P	4P			CHESAPEAKE BIOL. LAB.
SUITLAND	8656	04	PRN. GEORGES	5	38 51	76 56	270	9A	9A			CLOSED 4/30/74
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.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
JUNE 1974

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
MARYLAND													
UPPER MARLBORO 3 NNW	8070	04	PRN. GEORGES	4	38 52	76 47	98	8A	8A	8A		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	
VIENNA	9140	02	DOBCHESTER	1	38 29	75 50	12	6P	6P				
WALDORF POLICE BRKS	8195	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	8035	04		5	38 56	77 01	230	6P	6P				
DELAWARE													
BRIDGEVILLE 1 NW	1330	02	SUSSEX	1	38 45	75 37	50	5P	5P		H	WILLIAM RAY STATE HIGHWAY DEPT. UNIV OF DEL SUBSTATION FREDERICK O. VBGL PIONEER HYBRID CORN CO. MRS BERNARD FRANKEL UNIV. OF DELAWARE NATL WEATHER SERVICE WATER DEPARTMENT	
DBVER	2730	02	KENT	2	38 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	5PC	H		
WILMINGTON WSB 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													
SUITLAND	8656	04	PRN. GEORGES	5	38 51	76 56	270	9A	9A				CLOSED 4/30/74

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				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.30 or More	1.00 or More
										90° or Above	80° or Above	70° or Above	60° or Above										
MARYLAND																							
* * * SEPTEMBER 1973																							
SOLOMONS	82.0	69.2	75.6	3.5	90	23	57	11	0	1	0	0	0	2.81	-.78			.0	0				
* * * OCTOBER 1973																							
SOLOMONS	71.6M	57.2M	64.4M	3.2	82	5	43	31	94	0	0	0	0	2.95	-.16	1.83	2	.0	0		3	2	1
* * * NOVEMBER 1973																							
DWINGS FERRY LANDING	61.7	40.3	51.0	2.8	78	15	23	11	413	0	0	6	0	1.26	-1.97	.43	9+	.0	0		3	0	0
PRINCESS ANNE	60.8	37.7	49.3		76	28	21	18	470	0	0	11	0	2.45		1.01	5	.0	0		6	1	1
SOLOMONS	58.6	42.9	50.8	.4	76	15	31	11	420	0	0	2	0	1.18	-2.15	.52	3	.0	0		3	1	0
SUITLAND	58.1M	38.5M	48.3M		77	16+	21	11	496	0	0	7	0	2.01		.93	29	.0	0		5	1	0
WESTMINSTER 2 SSE	55.3	37.8	46.6	1.9	75	15	21	11	347	0	0	11	0	1.06	-2.23	.23	1	.0	0		3	0	0
* * * DECEMBER 1973																							
SOLOMONS	M	M	M		68	4	20	18	0				0										
* * * FEBRUARY 1974																							
PRINCESS ANNE	48.2	28.5	38.4		64	21	13	6	739	0	2	19	0	1.29		.62	17	1.5	2	8	4	1	0

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																																	
* * * SEPTEMBER 1973																																	
SOLOMONS	2.81		*	*	*	*	*	*	*	*	*	*	*	1.15	.45			*	*	*	*	*	*	*	*	*	*	*	1.21				
* * * OCTOBER 1973																																	
SOLOMONS	2.95	1.83	.02																											.88	.22		
* * * NOVEMBER 1973																																	
DWINGS FERRY LANDING	1.26				.43				.43							T		.06		.04		.08	.03	.04	.15								
PRINCESS ANNE	2.45	.27			1.01				.34						.36					.16		.04	.07	.20									
SOLOMONS	1.18				.52				.48																								
SUITLAND	2.01	.16	T		.23	.12			.43					.02				T		.05		T	.03	.04	.93								
WESTMINSTER 2 SSE	1.06	.23			.07	.15			.02					.05			.07				.07			.03	.06	.04	.07	.20					
* * * DECEMBER 1973																																	
SOLOMONS	-				*	*	*	*	*	*	1.78																						
* * * FEBRUARY 1974																																	
PRINCESS ANNE	1.29			.02	.04	.07	.20							.13	.62							.21											

LATE REPORTS DAILY TEMPERATURES

MARYLAND AND DELAWARE

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																																	
* * *																																	
SEPTEMBER 1973																																	
SOLOMONS	MAX	88	87	87	85	84	86	86	82	79	74	83	83	80	78	80	83	82	81	75	76	74	82	90	83	78	76	83	84	86	85	82.0	
	MIN	77	78	75	75	74	74	75	71	70	60	57	72	70	73	69	70	63	68	59	62	61	65	76	64	68	64	71	67	76	73	69.2	
* * *																																	
OCTOBER 1973																																	
SOLOMONS	MAX	70	75	80	80	82	80	77	72	78	74	71	68			78	75	67	67	67	80	73	73	66	69	67	71			63	49	60	71.6
	MIN	61	65	65	69	67	67	66	54	69	63	58	54			57	59	53	45	56	58	60	47	49	59	52	55			48	46	43	57.2
* * *																																	
NOVEMBER 1973																																	
OWINGS FERRY LANDING	MAX	64	77	72	62	51	46	48	56	47	43	46	55	69	74	78	70	47	59	62	54	61	67	69	63	77	73	65	73	60	63	61.7	
	MIN	47	42	54	42	36	32	31	30	38	26	23	31	40	45	50	43	35	35	39	33	42	47	35	49	55	44	53	57	39	30	40.3	
PRINCESS ANNE	MAX	64	73	67	56	46	44	49	62	50	44	50	52	63	71	74	66	48	57	55	63	60	66	68	64	74	70	71	76	64	58	60.8	
	MIN	53	36	33	31	34	35	26	26	44	39	27	27	30	45	42	48	31	21	34	32	40	43	32	44	54	42	51	63	42	26	37.7	
SOLOMONS	MAX	60	72	62	51	45	41	43	60	58	49	42	49	59	72	76	75	50	50	60	56	56	61	56	62	70	58	60	74	71	62	58.6	
	MIN	50	48	50	42	39	38	37	33	42	32	31	36	40	48	49	48	34	45	34	41	48	44	41	48	58	48	52	56	42	34	42.9	
SUITLAND	MAX	63	62	77	62	56	43	45	46	50	47	40	43	53	67	73	77	58	46	53	60	49	65	64	68		76	59	64	72	48	58.1	
	MIN	46	41	42	38	41	35	31	30	38	29	21	28	36	45	48	54	36	25	33	38	41	42	38	40		48	47	53	40	32	38.5	
WESTMINSTER 2 SSE	MAX	56	71	65	51	44	40	41	51	45	38	42	48	65	68	75	68	43	46	55	49	51	60	65	58	73	61	54	65	53	58	55.3	
	MIN	46	43	46	33	33	31	29	29	29	25	21	28	40	49	56	38	31	25	39	36	42	44	43	49	51	39	47	52	31	29	37.8	
* * *																																	
DECEMBER 1973																																	
SOLOMONS	MAX	49	40	52	68	59	65	50	40	51	47	47	35	46	65	49	32	27	25	29	51											48.2	
	MIN	40	31	37	41	55	47	36	39	39	35	30	26	32	46	32	26	22	20	21	28											28.5	
* * *																																	
FEBRUARY 1974																																	
PRINCESS ANNE	MAX	52	58	51	35	32	56	54	43	32	38	37	51	62	58	43	43	45	45	48	58	64	61	49	43	45	42	46	59			48.2	
	MIN	28	29	31	26	20	13	39	24	20	28	28	22	33	39	28	20	33	25	36	25	41	39	37	33	25	30	15	30			28.5	
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LATE REPORTS SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE

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		
<p>MARYLAND</p> <p>* * *</p> <p>NOVEMBER 1973</p> <p>WESTMINSTER 2 SSE</p> <p>SNDWFALL SN ON GND</p> <p>* * *</p> <p>FEBRUARY 1974</p> <p>PRINCESS ANNE</p> <p>SNDWFALL SN ON GND</p>							T																										
								1.5																									
								2																									

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 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-YOUGHIOPENY

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

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

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 25 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

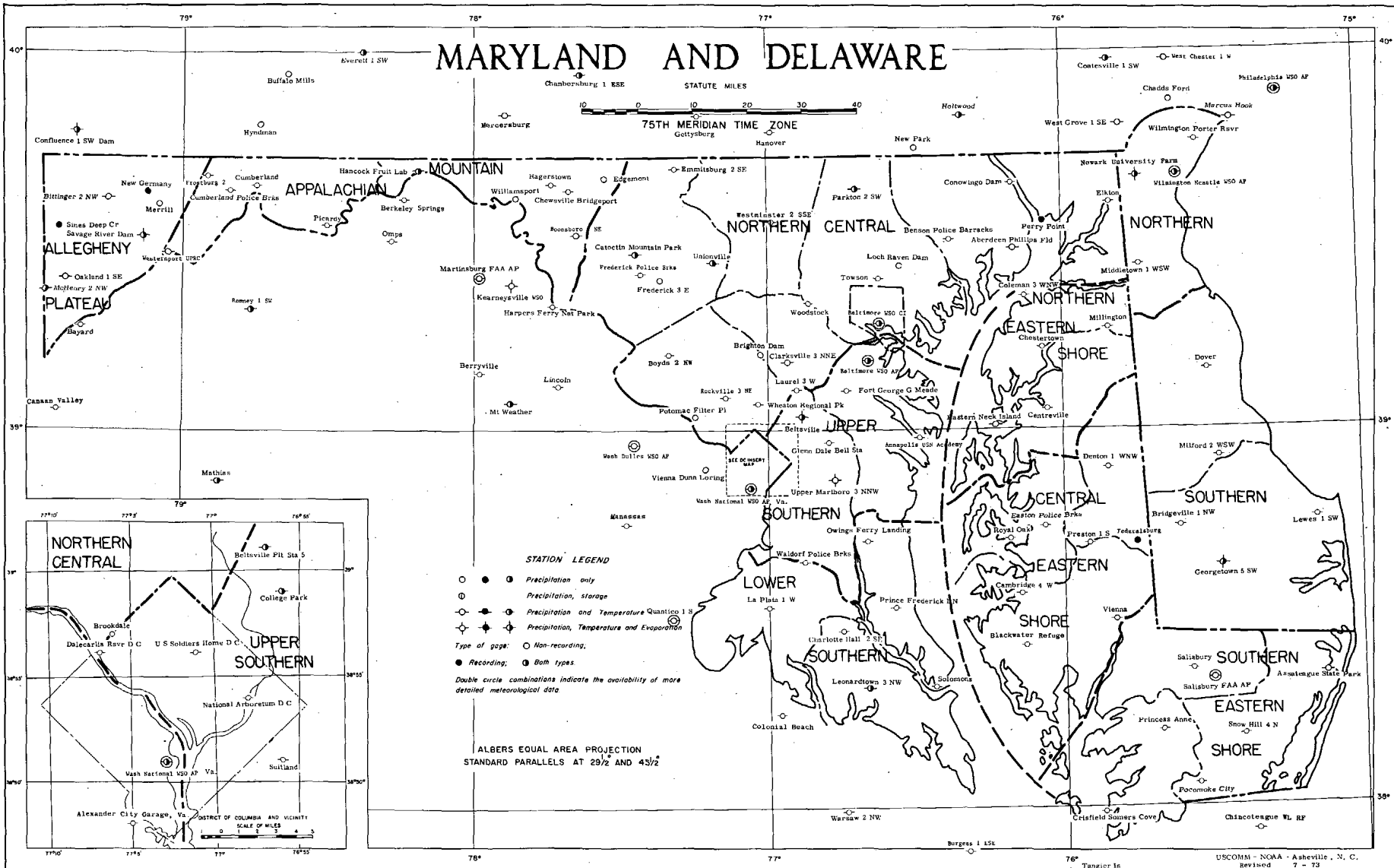
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I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Hoggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 7/31/74-960

MARYLAND AND DELAWARE



STATION LEGEND

- ● ○ Precipitation only
- ○ Precipitation, storage
- ○ ○ Precipitation and Temperature Quantity 1 S
- ○ ○ Precipitation, Temperature and Evaporation
- Type of gage: ○ Non-recording, ● Recording, ○ Both types
- Double circle combinations indicate the availability of more detailed meteorological data

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STANDARD PARALLELS AT 29°2' AND 43°2'

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