

U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JUNE 1963

Volume 67 No. 6



ASHEVILLE: 1963

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JUNE 1963

CONTINUED

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			
										90° or Above	80° or Above	32° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
																							Max.
ALLEGHENY PLATEAU																							
BITTINGER 2 NW	73.3	52.2	62.8		84	30+	37	22	111	0	0	0	0	4.21		1.03	30	.0	0		7	3	1
OAKLAND 1 SE	74.7	50.1	62.4	- 2.5	87	27	34	22	120	0	0	0	0	5.06	.38	1.87	11	.0	0		9	2	2
SAVAGE RIVER DAM	75.9	52.0	64.0		90	28	39	22	92	1	0	0	0	3.23		1.05	11+	.0	0		6	2	2
SINES DEEP CREEK	76.9	48.2	62.6	- 1.6	87	26	34	23+	114	0	0	0	0	4.74	-.08	2.02	11	.0	0		7	2	2
DIVISION			63.0	- 1.6										4.31	-.24			.0					
DELAWARE																							
NORTHERN																							
NEWARK UNIVERSITY FARM	83.1M	57.1M	70.1M		96	27+	47	22	6	7	0	0	0	2.73		.51	10	.0	0		6	1	0
WILMGTON NCASTLE WB AP	81.7	59.8	70.8	- 0.6	95	28+	48	22	10	5	0	0	0	3.26	-.81	1.54	10	.0	0		5	2	1
WILMINGTON PORTER RESVR	80.9	60.1	70.5		95	27	52	22+	11	5	0	0	0	3.11	-.80	.62	29	.0	0		6	4	0
DIVISION			70.5	- 1.0										3.03	-.80			.0					
SOUTHERN																							
BRIDGEVILLE 1 NW	83.4	60.3	71.9	- 0.3	95	26	50	22+	6	8	0	0	0	5.11	1.51	2.03	3	.0	0		6	4	2
DOVER	84.4	60.4	72.4	- 0.5	96	27+	48	22	3	8	0	0	0	3.61	.15	1.46	30	.0	0		5	2	2
GEORGETOWN 5 SW	84.9	58.8	71.9		96	26	40	15	9	9	0	0	0	3.96		1.81	3	.0	0		5	2	2
LEWES 1 SW	80.5	61.3	70.9		96	27	51	22	14	6	0	0	0	2.49		1.00	3	.0	0		4	2	1
MILFORD 3 WNW	82.8	59.5	71.2		95	27	46	1	17	8	0	0	0	5.73		1.84	3	.0	0		6	4	3
SELBYVILLE	83.6	60.3	72.0		95	10	48	22	12	10	0	0	0	4.71		1.31	3	.0	0		6	4	1
DIVISION			71.7	- 0.7										4.27	.66			.0					

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 100° on the 11+ at Blackwater Refuge, Maryland

Lowest Temperature: 34° on the 22d at Oakland 1 SE, Maryland and on 23+ at Sines Deep Creek, Maryland

Greatest Total Precipitation: 9.16 inches at Baltimore WB Airport, Maryland

Least Total Precipitation: 2.49 inches at Lewes 1 SW, Delaware

Greatest One-Day Precipitation: 3.77 inches on the 3d at Leonardtown 3 NW, Maryland

EVAPORATION AND WIND

MARYLAND AND DELAWARE
JUNE 1963

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		
BELTSVILLE, MD.	EVAP	.25	.20	-	-	.10	.17	.29	.35	.02	.25	.40	.24	.31	.23	.15	.29	.10	.18	.23	.30	.36	.20	.39	.26	.28	.30	.39	.26	.32	-	B	7.58
	WIND	13	20	41	48	16	13	21	46	7	14	55	47	82	39	16	53	5	4	10	21	21	48	27	5	8	7	4	8	14	16		729
	MAX	58	62	65	67	88	88	92	88	65	90	95	85	74	81	72	72	76	88	90	91	91	68	76	89	92	95	97	95	97	96		82.8
	MIN	44	45	44	60	66	66	69	61	63	65	67	61	57	58	60	57	56	59	61	62	65	53	54	56	64	66	66	68	77	70		62.6
SAVAGE RIVER DAM, MD.	EVAP	.29	.27	.14	*	.12	*	.16	.08	.06	.26	.38	.22	.31	.17	.24	.26	.21	.15	.22	.21	.14	.27	.25	.18	-	.28	.28	.19	.22	.13	B	5.89
	WIND	47	62	61	41	23	44	77	45	49	98	92	141	161	67	87	80	43	33	39	35	66	93	53	45	44	40	40	4	*	90		1800
	MAX	82	83	76	-	69	94	81	79	83	85	86	72	60	75	80	73	72	84	85	82	83	73	82	88	87	92	91	91	88	91		81.6
	MIN	50	50	57	61	62	60	61	57	64	63	67	53	51	51	64	52	52	52	56	65	49	45	41	48	50	51	60	62	68	71		56.4
UPPER MARLBORO 3 NNW, MD.	EVAP	.27	.16	.07	*	.20	-	.20	.28	*	.19	.33	.14	.28	.20	.22	.25	.11	.20	.21	.29	.26	.26	.26	.25	.27	.28	.30	.29	.31	.51	B	6.82
	WIND	6	5	27	48	17	15	2	16	4	11	10	11	26	16	13	17	1	1	1	16	27	21	10	1	3	2	4	8	17	27		383
	MAX	93	89	71	71	91	91	98	98	72	97	102	90	84	88	94	91	81	93	96	97	98	85	90	96	98	100	103	103	101	103		92.1
	MIN	61	59	66	67	70	64	73	68	67	76	72	67	62	64	60	64	62	66	68	67	71	60	62	62	70	73	72	74	73	70		67.0
GEORGETOWN 5 SW, DEL.	EVAP	.24	.08	-	.11	.23	.27	.29	.13	.09	.28	.17	.35	.24	.12	.37	.16	.19	.21	.29	.23	.20	.25	.25	.22	.34	.32	.30	.37	.33	.23	B	7.10
	WIND	48	60	134	20	21	34	48	93	45	52	49	99	112	19	107	20	36	26	31	22	87	48	35	26	39	32	44	41	31	31		1490
	MAX	90	89	73	90	92	93	97	92	91	96	91	86	82	83	84	83	94	93	96	93	92	87	96	97	101	101	101	101	-	-		91.1
	MIN	59	62	62	64	69	70	71	60	64	71	69	62	55	62	61	60	59	68	64	62	65	53	55	62	64	66	69	-	-	-		63.3
NEWARK UNIV. FARM, DEL.	EVAP	.15	.13	*	.09	.15	.23	.22	.09	.18	.26	.22	.23	.05	.14	.31	.19	.04	.34	.18	.17	.21	.36	.20	.11	.33	.42	.34	*	*	.94		6.28
	WIND	22	29	77	51	30	22	30	71	*	75	29	58	45	22	43	16	10	21	20	18	46	40	26	12	21	19	25	*	*	73		952
	MAX	90	89	73	90	92	93	97	92	91	96	91	86	82	83	84	83	94	93	96	93	92	87	96	97	101	101	101	-	-	-		91.1
	MIN	59	62	62	64	69	70	71	60	64	71	69	62	55	62	61	60	59	68	64	62	65	53	55	62	64	66	69	-	-	-		63.3

MAX AND MIN IN DAILY EVAPORATION TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
DELAYED DATA

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		
										80° or Above	33° or Below	32° or Below	Below 32° or Below					Total	Max. Depth an Ground	Date	.10 or More	.50 or More	1.00 or More
MARYLAND NOVEMBER 1961 LAUREL 3 W	57.8	42.6	50.2		81	5	30	28	453	0	0	8	0	2.60		1.25	24	2.0	2	20	5	2	1
DECEMBER 1962 BOYDS 2 NW SUITLAND TOWSON	40.1 40.7M 41.4	21.5 24.1M 21.2	30.8 32.4M 31.3		63 64 68	1 2 1	4 8 4	31 31+ 31	1052 1001 1040	0 0 0	10 9 8	27 23 29	0 0 0	1.01 2.97 2.95	-.48	.36 .90 1.40	25 30 6	7.5 13.8			4 5 6	0 3 1	0 0 1
JANUARY 1963 COLLEGE PARK SUITLAND	41.0 38.4	21.2 21.9	31.1 30.2	-4.9	58 59	21+ 21	-6 1	29 24	1044 1073	0 0	5 8	28 28	1 0	1.68 1.68	-1.57	.44 .53	12 12	2.5	5 4	1 2+	5 4	0 1	0 0
FEBRUARY 1963 WASHINGTON WB CITY DC	R 41.4	24.5	33.0		59	6	9	22	892	0	3	25	0	1.96		.81	19	.0	0		5	1	0
DELAWARE JANUARY 1963 MIDDLETOWN 2 S	38.6	16.5	27.6		55	9	-6	25	1151	0	8	30	1	1.43		.72	27				2	2	0

DAILY PRECIPITATION

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 NOVEMBER 1961 LAUREL 3 W	2.60							.50							.08	.20		.20				.37				1.25								
AUGUST 1962 POTOMAC FILTER PLANT	.14					.10							.04																					
DECEMBER 1962 BOYDS 2 NW BROOKDALE SUITLAND TOWSON	1.01 3.39 2.97 2.95					.15 1.14 .61 1.40	T T .09 .04		T			.08 T T		.04			.05 .01 .01	T				.35 .58 .01 .20	.15 +11 .80 .37			.36 +.49 .35 .33	.03 .15 .15		.83 .01 .30	.14 .90 .28				
JANUARY 1963 COLLEGE PARK SUITLAND	1.68 1.68										.05	.44 .53	.24 .12	.06							T	.37 .33	.05 .08		.05	T .08	.31 .41	.12 T		.01	.04 .07			
FEBRUARY 1963 WASHINGTON WB CITY DC	R 1.96	.02	.24								.20	.47									.81				.22									
DELAWARE JANUARY 1963 MIDDLETOWN 2 S	1.43												.67	T							T			T	.04		.72							

See Reference Notes Following Station Index

DAILY TEMPERATURES

MARYLAND AND DELAWARE
DELAYED DATA

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 NOVEMBER 1961		MAX																																
LAUREL 3 W	MAX	75	64	74	78	81	76	60	53	49	50	55	55	67	65	62	59	58	54	42	41	46	52	51	52	56	59	57	53	42	48	57.8		
	MIN	56	45	57	65	63	59	50	39	33	32	32	40	50	51	52	48	50	35	31	32	33	32	36	47	38	40	40	30	31	32	42.6		
DECEMBER 1962																																		
BOYDS 2 NW	MAX	63	60	61	59	58	51	38	44	40	31	28	23	25	29	28	38	45	46	38	48	31	43	48	42	27	45	37	37	30	34	17	40.1	
	MIN	35	36	37	30	35	32	28	25	24	15	10	8	7	14	7	26	28	29	26	30	16	15	20	17	20	19	20	18	21	13	4	21.5	
SUITLAND	MAX	61	64	61	57	54	56	43	43	45	40	32	29	21	29	29	33	39	44	47	46	42	27	36	43	29	30	43	35	39	24	40.7		
	MIN	37	42	37	38	41	42	26	29	31	19	18	10	11	12	13	20	26	28	29	34	18	8	18	21	20	22	27	21	17	8	24.1		
TOWSON	MAX	68	65	62	59	55	52	38	42	43	32	29	26	22	29	29	39	40	49	44	45	33	42	47	44	28	46	42	40	40	34	20	41.4	
	MIN	46	39	31	31	30	30	30	29	29	18	9	10	9	9	11	27	23	23	24	23	16	16	18	19	19	18	18	18	17	12	4	21.2	
JANUARY 1963																																		
COLLEGE PARK	MAX	30	36	37	40	43	41	46	40	47	55	52	45	40	32	40	41	52	48	43	58	58	38	46	44	28	34	35	24	30	33	35	41.0	
	MIN	14	22	27	30	12	26	21	26	21	24	32	39	32	16	14	15	17	31	29	35	17	14	33	2	16	19	24	9	6	19	28	21.2	
SUITLAND	MAX	20	29	35	35	37	43	43	47	39	46	56	58	46	40	31	38	41	52	42	44	59	22	38	45	23	28	34	35	20	31	34	38.4	
	MIN	9	16	24	29	21	28	24	31	27	29	38	39	39	19	17	20	26	32	30	31	18	15	20	1	3	14	26	9	5	11	27	21.9	
FEBRUARY 1963																																		
WASHINGTON WB CITY DC	MAX	34	40	41	35	48	59	50	38	36	49	50	40	36	40	26	28	41	56	42	57	48	23	37	38	49	35	33	51			41.4		
	MIN	26	32	22	19	29	31	32	20	21	29	40	28	25	26	15	12	19	27	35	36	16	9	16	29	29	19	13	31			24.5		
DELAWARE JANUARY 1963		MAX																																
MIDDLETOWN 2 S	MAX	23	24	32	36	40	43	41	47	55	52	50	49	49	41	36	36	37	40	44	52	44	41	43	42	14	32	36	25	28	32	34	38.6	
	MIN	8	10	15	19	15	24	21	15	23	23	24	25	22	21	17	18	24	30	31	33	16	12	18	3	-6	3	7	3	9	12	18	16.5	

EVAPORATION AND WIND

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 MAY 1963																																		
NEWARK UNIV FARM	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	-	-	-	-	-	-	-	-	-	-	.13	.35	.21	.12	.19	.22	.07	.08	.28	.18	.10	.11	.21	.19	.21	.02	.12	.10	.10	.05	.21	-	

STATION INDEX

MARYLAND AND DELAWARE
1963

STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL (SEE INDEX)									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE INDEX)	
MARYLAND																							
ANNAPOLIS 2 NW	0193	ANNE ARUNDEL	1	38 59	76 31	70	5P	5P			H	RADIO STATION WNAV	7010	ALLEGANY	5	39 33	78 30	1030	6P	6P	POTOMAC H.LND. ORCHARD		
BALTIMORE WB AIRPORT	0465	ANNE ARUNDEL	3	39 11	76 40	146	MID	MID			H	POTOMAC FILTER PLANT	7140	WORCESTER	1	38 03	75 34	20	5P	5P	RADIO STATION WDMV		
BALTIMORE WB CITY	0470	BALTO CITY	3	39 17	76 37	14	MID	MID			H	FRESTON 1 S	7272	MONTGOMERY	5	39 02	77 15	270	5P	5P	CITY OF POTOMAC		
BELTSVILLE	0700	PRINCE GEORGES	5	39 02	76 53	120	8A	8A			H	PRINCE FREDERICK	7325	CALVERT	1	38 32	76 35	140	5P	5P	FRANKLIN D. ROSSBAUM		
BELTSVILLE PLANT STA 5	0705	PRINCE GEORGES	5	39 01	76 57	100	9A	9A			H	PRINCESS ANNE	7330	SOMERSET	1	38 12	75 41	15	5P	5P	BOYD KING		
BENSON POLICE BARRACKS	0752	HARFORD	5	39 03	76 23	365	5P	5P			H	ROCK HALL 3 SE	7700	KENT	1	39 07	76 12	10	6P	6P	TOWN OF PRINCESS ANNE		
BITTINGER 2 NW	0881	GARRETT	7	39 37	79 15	2700	7P	7P			H	ROCKVILLE	7705	MONTGOMERY	5	39 05	77 09	434	4P	4P	JOHN C. BRANCA		
BLACKWATER REFUGE	0915	DORCHESTER	1	38 26	75 08	5	4P	4P			H	ROYAL OAK	7806	TALBOT	1	38 43	76 11	10	5P	5P	COUNTY POLICE		
BOONSBORO	0986	WASHINGTON	5	39 11	77 39	735	6P	6P			H	SALISBURY	8000	MICOMICO	1	38 22	75 55	10	5P	5P	J. L. SWAINE, JR.		
BOYDS 2 NW	0932	MONTGOMERY	5	39 12	77 20	580	6P	6P			H	SALISBURY FAA AIRPORT	8005	MICOMICO	1	38 20	75 50	5	MID	MID	CITY OF SALISBURY		
BRIGHTON DAM	1125	MONTGOMERY	4	39 12	77 01	350	8A				H	SAVAGE RIVER DAM	8055	GARRETT	5	39 31	79 08	1495	8A	8A	FED. AVIATION AGENCY		
BROOKDALE	1170	MONTGOMERY	5	38 57	77 06	260	7P				H	SHALLMAR	8191	GARRETT	5	39 23	79 12	1700	8A		UPPER POTOMAC RVR. COMM.		
CANBRIE DALE 4 W	1385	DORCHESTER	1	38 04	76 09	5	6P	6P			H	SIMES DEEP CREEK	8315	GARRETT	5	39 31	79 25	2038			CLARENCE B. KIMBLE		
CENTREVILLE	1627	QUEEN ANNES	1	39 03	76 03	46	6P	6P			H	SNOW HILL	8380	WORCESTER	1	38 11	75 24	14	6P	6P	PA. ELECTRIC CO.		
CHARLOTTE HALL 1 ESE	1686	ST MARYS	7	38 28	76 45	167	5P	5P			H	SOLOMONS	8405	CALVERT	1	38 19	76 27	12	6P	6P	FRED W. SELLING		
CHESTERTOWN	1750	KENT	1	39 13	76 04	35	11P	11P			H	TOWSON	8677	BALTIMORE	5	39 24	76 37	410	4P	4P	CHESAPEAKE BIOL. LAB.		
CHEWING BRIDGEPORT	1790	WASHINGTON	5	39 38	77 41	560	5S	5S			H	UNIONVILLE	9030	FREDERICK	5	39 27	77 11	430	6P	6P	BALTIMORE COUNTY JAIL		
COLEMAN 3 NW	1980	KENT	1	39 21	76 08	78	6P	6P			C	UPPER MARLBORO 3 NW	9070	PRINCE GEORGES	4	38 52	76 47	98	8A	8A	G. P. VON EIFF, JR.		
COLLEGE PARK	1995	PRINCE GEORGES	5	39 19	76 56	70	5P	5P			C	VIENNA	9140	DORCHESTER	1	38 29	75 50	12	6P	6P	TOBACCO EXP. FARM		
CONOMINGO DAM	2060	HARFORD	6	39 39	76 10	40	MID	MID			H	WALDORF POLICE BRKS	9195	CHARLES	5	38 39	76 53	210	5P	5P	ERR. SHORE PUB. SVC. CO.		
CRISFIELD MANCOCK PT	2205	SOMERSET	1	37 58	75 52	7	5P	5P			H	WESTERNDORT	9405	ALLEGANY	5	39 29	79 03	1000	6P	6P	MD. STATE POLICE		
CUMBERLAND	2280	ALLEGANY	5	39 39	78 45	945	6P	6P			H	WESTMINSTER	9435	CARROLL	1	39 35	77 00	770	6P	7A	NORRIS BRUCE		
CUMBERLAND POLICE BRKS	2285	ALLEGANY	5	39 38	78 50	970	5P	5P			H	WHEATON REGIONAL PARK	9502	MONTGOMERY	5	39 04	77 02	330	5P	5P	PARK PLANNING COMM.		
DENTON 1 S	2523	CAROLINE	1	38 53	75 00	20	6P	6P			H	WILLIAMSPOINT	9570	WASHINGTON	5	39 37	77 51	360	7A		HAGERSTOWN MTR. PLANT		
EASTON POLICE BARRACKS	2700	TALBOT	1	38 45	76 04	40	5P	5P			H	WOODSTOCK	9750	BALTIMORE	3	39 20	76 52	415	6P	6P	WOODSTOCK COLLEGE		
EDGEWOOD	2770	WASHINGTON	5	39 40	77 33	905	8A				H	DISTRICT OF COLUMBIA											
EDGEWOOD ARSENAL	2795	HARFORD	1	39 21	76 19	13	MID	MID			H	DALECARLIA RESERVOIR	2325		5	38 56	77 07	144	5P	5P	CORPS OF ENGINEERS		
ELKTON	2840	KENT	1	39 36	75 50	28	6P	6P			H	NATIONAL ARBONETUM	6350		5	38 54	76 58	78	4P	4P	U.S. NAT. ARBONETUM		
EMWITSBURG 2 SE	2906	FREDERICK	5	39 41	77 18	420	5P	5P			H	U. S. SOLDIERS HOME	9035		5	38 54	77 01	230	MID	MID	U.S. SOLDIERS HOME		
FORT GEORGE G HEAD	3230	ANNE ARUNDEL	4	39 06	76 45	140	5P	5P			H	WASHINGTON WB CITY	9290		5	38 54	77 03	72	MID	MID	U.S. WEATHER BUREAU		
FREDERICK WB AIRPORT	3330	FREDERICK	5	39 25	77 23	294	MID	MID			C	DELAWARE											
FREDERICK 2 E	3335	FREDERICK	5	39 24	77 22	385	5A				C	BRIDGEVILLE 1 NW	3330	SUSSEX	1	38 45	75 31	50	5P	5P	WILLIAM RAY		
FROSTBURG	3410	ALLEGANY	5	39 39	78 56	2035	7A	7A			C	DOVER	2730	KENT	2	39 09	75 11	25	4P	4P	STATE HIGHWAY DEPT.		
GLENN DALE BELL STA	3675	PRINCE GEORGES	4	38 50	76 48	150	4P	4P			C	GEORGETOWN 5 SW	3970	SUSSEX	1	38 38	75 28	45	5P	5P	UNI. AGRI. EXP. STA.		
GRANTSVILLE	3795	GARRETT	7	39 42	79 09	2380	4P	4P			C	LEWES 1 SW	5220	SUSSEX	2	38 46	75 09	20	6P	MID	FREDERICK G. VOGL		
HAGERSTOWN	3975	WASHINGTON	5	39 39	77 44	640	6P	6P			H	MIDDLETOWN 2 S	5852	NEW CASTLE	2	39 26	75 43	75	5P	5P	THOMAS T. DONOVAN		
HANCOCK FRUIT LAB	4050	WASHINGTON	5	39 42	78 11	428	8A	8A			C	MILFORD 3 NW	5825	SUSSEX	2	38 58	75 29	52	5P	5P	RADIO STATION WRSB		
LA PLATA 1 W	5080	CHARLES	5	38 32	77 00	140	5P	5P			C	NEWARK UNIVERSITY FARM	6410	NEW CASTLE	2	39 40	75 44	98	6P	6P	UNIV. OF DELAWARE		
LAUREL 3 W	5111	PRINCE GEORGES	4	39 06	75 54	400	5P	5P			C	SELBYVILLE	8249	SUSSEX	2	38 28	75 13	32	5P	5P	L. WIRRIE LONG		
LEONARDTOWN 3 NW	5221	ST. MARYS	5	38 19	76 40	40	5P	5P			C	WILMINGTON NCATTLE WB AP	9595	NEW CASTLE	2	39 40	75 36	78	MID	MID	U.S. WEATHER BUREAU		
LOCH RAVEN DAM	5340	BALTIMORE	1	39 26	76 33	190	5P				C	WILMINGTON PORTER RESERVOIR	9605	NEW CASTLE	2	39 46	75 32	274	MID	MID	WATER DEPARTMENT		
LUKE	5530	ALLEGANY	5	39 28	79 04	1020	8A				C	NEW STATIONS											
MERRILL	5854	GARRETT	7	39 36	79 05	1790	8A				C	SUITLAND	8656	PRINCE GEORGES	5	38 51	76 56	280	9A	9A	RALPH H. FREDERICK		
MILLINGTON	5985	KENT	1	39 16	75 51	38	6P	6P			C	SIMES DEEP CREEK 2, MD.	8820	GARRETT	7	39 32	79 25	2040	7P	7A	THELMA REAM		
NEW GERMANY	6408	GARRETT	7	39 38	79 07	2590	6P	6P			C												
OAKLAND 1 SE	6620	GARRETT	7	39 24	79 24	2420	5P	5P			C												
OKAN CITY WATER PLANT	6670	WORCESTER	1	38 20	75 05	17	4P	4P			C												
OWINGS FERRY LANDING	6770	CALVERT	4	38 42	76 41	120	7P	7P			C												
PARKTON 2 SW	6844	BALTIMORE	1	39 38	76 42	600	11P	11P			C												
PERRY POINT	6980	CECIL	1	39 33	76 04	40					C												

1-CHESAPEAKE, 2-COASTAL, 3-PATAPUSK, 4-PATUXENT, 5-POTOMAC, 6-SUSQUEHANNA, 7-YOUGHIOGENY

MARYLAND
May 1963

CORRECTIONS

Climatological Data,
Daily Precipitation,
Daily Temperature Tables

Sines Deep Creek

Data published under name of Sines Deep Creek should
be Sines Deep Creek 2.

REFERENCE NOTES

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Friendship International Airport, Baltimore, Maryland, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

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.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for October 1956.

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.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

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.

Entries of snowfall in the "Climatological Data" Table and 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.

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "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. 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 ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "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.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

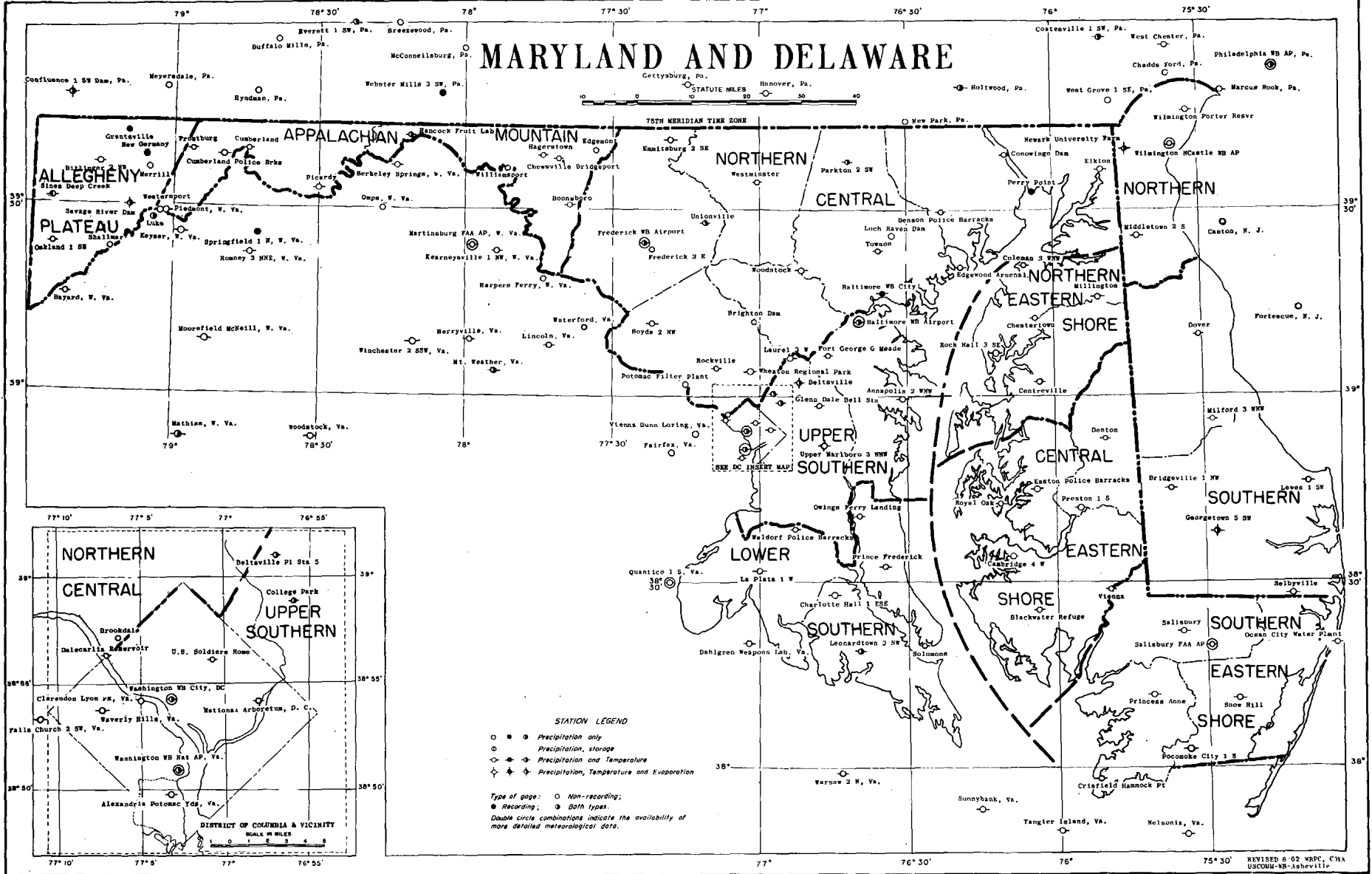
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AE This entry in time of observation column in Station Index means after rain.
- 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.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

MARYLAND AND DELAWARE



STATION LEGEND

- ● ● Precipitation only
- ○ Precipitation, storage
- ● ● Precipitation and Temperature
- ● ● Precipitation, Temperature and Evaporation

Type of gage: ○ Non-recording;
 ● Recording; ● Both types.
 Double circle combinations indicate the availability of more detailed meteorological data.