

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

MAY 1962

Volume 66 No. 5



ASHEVILLE: 1962

MARYLAND AND DELAWARE - MAY 1962

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 98° on the 19th at Baltimore WB Airport and Baltimore City, Md.

Lowest Temperature: 28° on the 10th at Unionville, Md.

Greatest Total Precipitation: 4.66 inches at Luke, Md.

Least Total Precipitation: 0.64 inch at Milford 3 WNW, Del.

Greatest One-Day Precipitation: 2.61 inches on the 24th at Fort George G. Meade, Md.

Greatest Reported Total Snowfall: Trace at Sines Deep Creek, Md.

Greatest Reported Depth of Snow on Ground: Trace on the 4th at Sines Deep Creek, Md.

SPECIAL WEATHER SUMMARY

While the mean temperature for the month was a couple of degrees above normal, this was compounded of extremes. Frost occurred on the 10th with a minimum as low as 28° at Middle River. On the other hand, daily records of maximum temperatures for 91 years were exceeded on four days at the Baltimore Custom House. 98° on the 19th was the highest recorded so early in the spring and equaled the all time record for May in Baltimore. A period of little rainfall began on April 13. By mid-May pastures and crops were being affected, especially on the Delmar Peninsula where the pea and strawberry harvests were much below normal. This "worse spring drought in years" was alleviated over most of the two-state area by a series of thunderstorms and showers beginning on the 23rd but May rainfall totals were generally half or two-thirds of normal. In some areas, particularly on the Delmar Peninsula, the drought continued past the end of May with

Milford, Delaware receiving only 0.70" in seven weeks.

Squall lines with accompanying thunderstorms crossed the area on the 23rd and early on the 24th with rain, hail, lightning, and wind all adding to the damage. Wind blew down trees. Wind and lightning knocked out utility lines. Lightning killed at least twenty-four cattle in Frederick and Montgomery Counties including eleven under one tree. Many homes and other buildings were struck but only five barns were completely destroyed by fire in Maryland. Hail did considerable damage to apples and some damage to peaches in the Hancock area. A local thundershower with "hail the size of black walnuts" caused damage in the Hagerstown area on the 15th.

A. Delbert Peterson
Weather Bureau State Climatologist
Friendship International Airport 40,
Maryland

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
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CONTINUED

Station	Temperature												Precipitation														
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degrees Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										31° or Above	32° or Below	33° or Below	0° or Below					Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
CUMBERLAND POLICE BRKS FROSTBURG	80.4 73.7	51.3 52.4	65.9 63.1	3.1	93 88	19+ 19	32 39	10 10	88 139	7 0	0 0	1 0	0 0	3.11 3.30	- 1.03	.75 .83	24 24	.0 .0	0 0			6 11	3 1	0 0			
HAGERSTOWN	78.9	54.8	66.9		93	19+	37	10	73	3	0	0	0	3.94		1.14	2	.0	0			7	2	0			
HANCOCK FRUIT LAB	77.5	51.1	64.3		94	19	29	10	122	6	0	1	0	3.01	-.87	.82	24	.0	0			8	2	0			
PICARDY	77.1	50.0	63.6		91	19+	32	10	125	4	0	1	0	4.41		.84	1	.0	0			9	5	0			
WESTERNPORT	79.3	48.6	64.0	1.3	94	15	37	10	103	5	0	0	0	4.49	.32	.74	16	.0	0			11	4	0			
DIVISION			65.1	2.9										3.51	-.47			.0									
ALLEGHENY PLATEAU																											
BITTINGER 2 NW	72.5	48.0	60.3		85	18	36	12+	171	0	0	0	0	3.86		.66	23	.0	0			10	5	0			
OAKLAND 1 SE	73.1	47.0	60.1	3.2	86	18	31	5	172	0	0	1	0	3.56	- 1.15	1.40	24	.0	0			8	2	1			
SAVAGE RIVER DAM	74.4	50.7	62.6		90	19	36	10	140	1	0	0	0	2.72		.82	31	.0	0			8	1	0			
SINES DEEP CREEK	74.2	46.7	60.5	4.2	86	18+	32	10	163	0	0	1	0	3.19	- 1.48	.79	23	T	T	4	8	2	0				
DIVISION			60.9	4.3										3.33	- 1.21			T									
DELAWARE																											
NORTHERN																											
MIDDLETOWN 2 S	78.1	51.5	64.8		94	20+	30	10	112	3	0	1	0	1.45		1.03	24	.0	0			4	1	1			
NEWARK UNIVERSITY FARM	78.4	51.8	65.1		97	18	33	10	104	5	0	0	0	1.80		1.36	24	.0	0			3	1	1			
WILMGTN NCASTLE WB AP	75.0	53.3	64.2	1.5	95	19	37	12	122	3	0	0	0	1.61	- 1.92	1.11	24	.0	0			3	1	1			
WILMINGTON PORTER RESVR	73.4	53.5	63.5		93	18	39	12	135	3	0	0	0	1.73	- 2.37	.81	24	.0	0			5	1	0			
DIVISION			64.4	1.5										1.65	- 2.35			.0									
SOUTHERN																											
BRIDGEVILLE 1 NW	79.8	52.8	66.3	2.6	97	19	36	10	79	4	0	0	0	1.21	- 2.57	.43	27	.0	0			3	0	0			
DOVER	78.9	54.0	66.5	2.1	95	19	34	10	80	4	0	0	0	1.49	- 2.66	.66	24	.0	0			3	1	0			
GEORGETOWN 5 SW	80.5M	52.2M	66.4M		96	19	33	10	78	4	0	0	0	1.16		.32	27+	.0	0			5	0	0			
LEWES 1 SW	73.9	54.8	64.4		91	19	38	12	105	1	0	0	0	1.69		.43	24	.0	0			6	0	0			
MILFORD 3 WNW	78.6	53.1	65.9		95	19	31	10	89	3	0	1	0	.64		.26	27	.0	0			3	0	0			
SELBYVILLE	77.3	53.1	65.2		96	19	36	12+	100	2	0	0	0	2.74		1.23	25	.0	0			4	2	1			
DIVISION			65.8	1.9										1.49	- 2.40			.0									

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
BALTIMORE WB AIRPORT, MD.	W	10	9.1	26	W	25+	77	75	51	58	4	6	3	1	1	0	15	59	6.1
FREDERICK WB AIRPORT, MD.	-	-	-	-	-	-	-	-	-	-	3	2	3	3	0	0	11	-	-
WASHINGTON WB CITY, D. C.	S†	17†	7.5†	39†	W†	24†	75†	73†	50†	59†	-	4	5	1	1	0	11	61†	5.8†
WILMINGTON NCASTLE WB AP, DEL.	ENE	11	8.5	21++	N	21†	76	73	48	60	9	5	2	0	1	0	17	-	6.3

† Airport Data

DAILY TEMPERATURES

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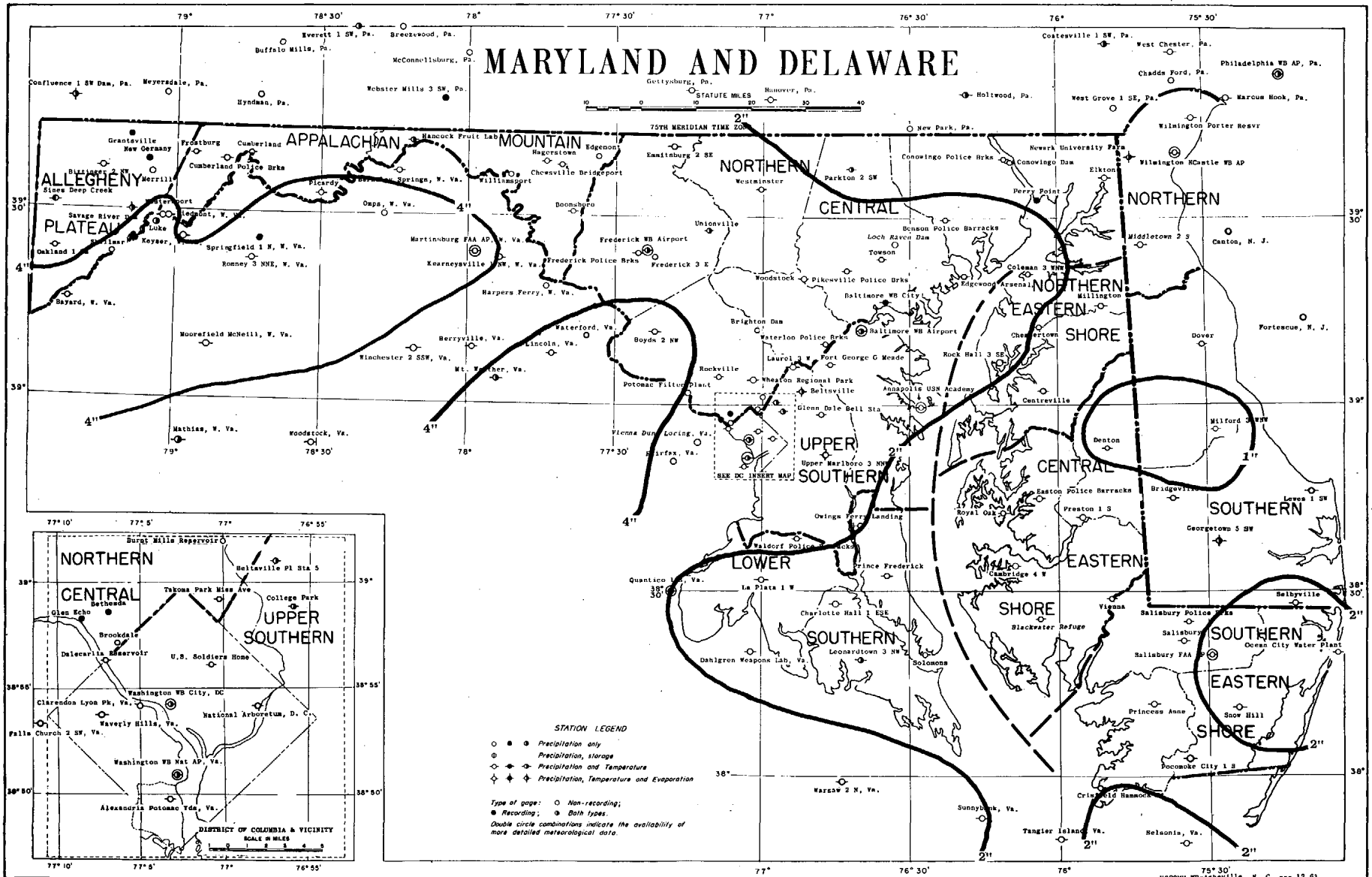
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Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
WILMINGTON PORTER RESVR	MAX	52	49	70	75	78	81	67	56	62	65	54	69	63	75	85	69	76	93	92	90	83	76	75	81	78	81	75	67	74	78	86	73.4
	MIN	46	45	43	48	50	51	54	45	44	43	44	39	48	48	58	55	52	57	63	69	62	58	55	60	60	65	57	52	57	63	66	53.5

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			
BELTSVILLE, MD.	EVAP	.31	.05	.07	.32	.14	.24	.27	.31	.01	.21	.18	.08	.16	.10	.17	.45	.28	.14	.33	.44	.21	.42	.12	.02	.27	.36	.32	.19	.04	.19	.13	6.53	
	WIND	30	36	20	20	27	14	37	39	31	35	6	21	21	19	7	32	20	1	19	24	8	20	16	28	10	20	23	11	12	26	2	635	
	MAX	87	85	57	79	89	93	83	80	67	74	75	76	77	64	88	91	84	85	103	104	96	91	84	77	88	97	93	82	64	84	87	82.7	
	MIN	60	52	49	50	50	53	56	51	49	41	44	46	53	53	55	64	61	61	67	67	67	61	60	62	60	64	60	61	58	61	66	56.8	
SAVAGE RIVER DAM, MD.	EVAP	-	.24	.11	.27	.26	.31	.22	.33	.07	.16	.19	.12	.06	.10	.30	.24	.15	.23	.31	.15	.25	.28	.26	.21	.23	.25	.26	.06	.06	.08	.22	B6.18	
	WIND	43	93	89	91	89	55	97	76	72	37	59	31	110	120	81	44	33	42	26	34	59	69	36	55	71	65	46	52	70	63	41	1949	
	MAX	83	82	67	72	75	80	80	76	61	76	60	70	65	56	85	90	84	92	94	92	90	86	88	85	85	85	89	68	61	70	88	78.5	
	MIN	53	61	45	46	48	51	55	51	51	48	47	52	51	52	53	65	64	64	65	65	66	61	61	60	59	59	65	58	55	55	61	56.4	
UPPER MARLBORO 3 NNW, MD.	EVAP	.17	.04	.02	.19	*	.56	.27	-	.16	.26	.20	.13	.18	.07	.07	.41	.24	.05	.41	.36	.12	.25	.09	.13	.44	.30	.28	.16	.03	.14	.10	B6.02	
	WIND	31	41	26	33	36	25	46	33	39	34	16	22	23	8	37	32	23	10	18	31	12	26	21	30	39	20	25	9	10	15	11	782	
	MAX	89	66	73	80	84	87	88	83	73	76	76	71	80	76	88	94	92	85	97	99	98	89	88	81	90	90	95	87	75	69	87	84.1	
	MIN	61	54	42	50	52	56	59	52	51	46	47	51	54	55	57	65	61	62	65	67	67	63	63	62	62	63	66	64	61	60	68	58.3	
GEORGETOWN 5 SW, DEL.	EVAP	*	.29	.06	.38	.34	.26	.33	.20	.15	.22	.04	.20	.16	.26	.22	.14	.19	.36	.35	.27	.30	.16	*	.22	.37	.24	.21	.21	.16	.14	.14	6.57	
	WIND	*	142	78	79	61	60	82	54	67	32	24	*	93	38	41	54	36	21	39	44	44	57	20	36	71	31	55	*	120	37	18	1534	
NEWARK UNIV FARM, DEL.	EVAP	.03	.03	*	.21	.38	.30	.24	.13	.12	.08	.26	.11	.16	.04	.21	.19	.23	.21	.33	.34	.15	.35	.20	.09	.18	.34	.34	.15	.18	.13	-	B5.90	
	WIND	71	91	31	33	33	41	46	32	23	25	28	23	45	38	23	29	31	14	26	40	34	28	23	36	51	22	22	28	54	32	25	1078	
	MAX	66	55	79	81	82	82	79	78	79	78	77	80	71	80	90	87	79	97	96	94	91	87	89	87	86	90	88	86	86	86	95	83.3	
	MIN	52	48	47	54	53	55	57	51	46	43	52	42	53	52	62	62	62	55	61	68	68	61	60	56	62	63	66	63	59	57	65	68	56.8

See reference notes following Station Index.

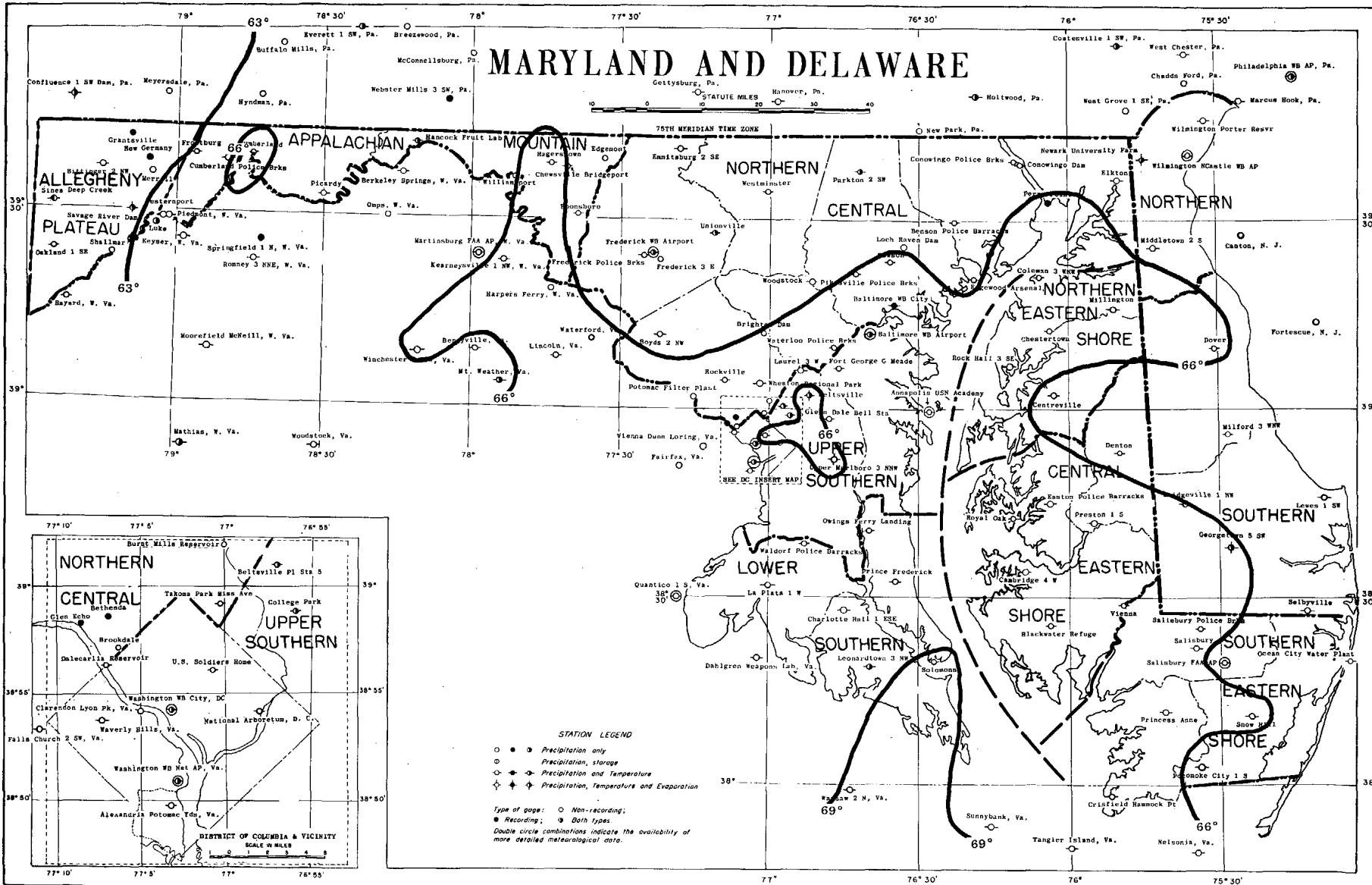


TOTAL PRECIPITATION

MARYLAND AND DELAWARE
MAY 1962

Isohyets are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

MARYLAND AND DELAWARE



AVERAGE TEMPERATURE

MARYLAND AND DELAWARE
MAY 1962

Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

MARYLAND AND DELAWARE
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STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER	
							TEMP.	PRECIP.	EVAP.		SPECIAL MEASUREMENTS
MARYLAND											
ANNAPOLIS 2 WNW	0193	ANNE ARUNDEL	1	38 59	76 31	70	5P	5P			
BALTIMORE WB AIRPORT	0465	ANNE ARUNDEL	3	39 11	76 40	146	MID	MID	H	RADIO STATION WNAV	
BALTIMORE WB CITY	0470	BALTO CITY	3	39 17	76 37	14	MID	MID	C	U.S. WEATHER BUREAU	
BELTSVILLE	0705	PRINCE GEORGE	5	39 02	76 53	120	8A	8A	C	U.S. WEATHER BUREAU	
BELTSVILLE PLANT STA 5	0705	PRINCE GEORGE	5	39 01	76 57	100	9A	9A	C	USDA PLANT IND. STA.	
BENSON POLICE BARRACKS	0732	HARFORD	1	39 30	76 23	365	5P	5P		MD+ STATE POLICE	
BITTINGER 2 NW	0881	GARRETT	7	39 37	79 15	2700	7P	7P	H	ELBERT E. BUCKLE	
BLACKWATER REFUGE	0915	DORCHESTER	1	38 26	76 08	5	4P	4P		NAT. WILDLIFE REFUGE	
BOONSBORO	0986	WASHINGTON	5	39 31	77 39	735	6P	6P		J. HOWARD BECKENBAUGH	
BOYDS 2 NW	1032	MONTGOMERY	5	39 12	77 20	580	6P	6P		RALPH F. STALEY	
BRIGHTON DAM	1125	MONTGOMERY	4	39 12	77 01	350	8A	8A		WASH. SUB. SANY. COMM.	
BROOKDALE	1170	MONTGOMERY	5	38 57	77 06	260	7P	7P	H	B. FRANCIS DASHIELL	
CANBRIDGE 4 W	1385	DORCHESTER	1	38 34	76 09	5	6P	6P		D ARCY MC B. HARDING	
CENTREVILLE	1627	QUEEN ANNES	1	39 03	76 03	46	6P	6P		MARION G. LEIBY	
CHARLOTTE HALL 1 ESE	1686	ST MARYS	4	38 28	76 45	167	5P	5P		GREEN MANOR FARM	
CHESTERTOWN	1750	KENT	1	39 13	76 04	35	11P	11P	H	T. W. ELIASON, JR.	
CHEWYNGE BRIDGEPORT	1790	WASHINGTON	5	39 38	77 41	560	5S	5S		D. PAUL OSWALD	
COLEMAN 3 NW	1980	KENT	1	39 21	76 08	78	6P	6P		W. B. HARRIS	
COLLEGE PARK	1995	PRINCE GEORGE	5	38 59	76 56	70	5P	5P	C	U.S. GEOL. SURVEY	
CONOWINGO DAM	2060	HARFORD	6	39 39	76 10	40	MID	MID	H	SUSQUEHANNA ELECTRIC CO.	
CRISFIELD HAMMOCK PT	2205	SOMERSET	1	37 58	75 52	7	5P	5P		GEORGE M. STAPLES, III	
CUMBERLAND	2280	ALLEGANY	5	39 39	78 45	945	6P	6P	H	R. R. GOLDEN	
CUMBERLAND POLICE BRKS	2285	ALLEGANY	5	39 38	78 50	970	5P	5P		MD+ STATE POLICE	
DENTON	2523	CAROLINE	1	38 53	75 50	20	6P	6P	H	JAMES K. COOPER	
EASTON POLICE BARRACKS	2700	FALSBOT	1	38 45	76 04	40	5P	5P		MARYLAND STATE POLICE	
EDGEWATER	2770	WASHINGTON	5	39 40	77 33	905	6A	6A		LEE G. HARNÉ	
EDGEWOOD ARSENAL	2795	HARFORD	1	39 21	76 19	10	MID	MID		U.S. ARMY SIGNAL CORPS	
ELKTON	2860	CECIL	1	39 34	75 50	28	6P	6P		H. W. BOUCHELLE	
EMMITSBURG 2 SE	2926	FREDERICK	5	39 41	77 18	420	5P	5P	H	MRS. LUCILLE K. BEALE	
FORT GEORGE G HEADS	3230	ANNE ARUNDEL	4	39 06	76 45	140	5P	5P	H	FILTRATION PLANT	
FREDERICK WB AIRPORT	3350	FREDERICK	5	39 25	77 23	294	MID	MID	C	U.S. WEATHER BUREAU	
FREDERICK 3 E	3355	FREDERICK	5	39 24	77 22	385	6A	6A		MISS I. MARY STALEY	
FROSTBURG	3410	ALLEGANY	5	39 39	78 56	2035	7A	7A	H	C. A. SUTER, JR.	
GLEN DALE BELL STA	3675	PRINCE GEORGE	4	38 58	76 48	151	4P	4P		H PLANT INTRO. GARDEN	
GRANTSVILLE	3795	GARRETT	7	39 42	79 09	2380			C	MRS. FANNIE B. MILLER	
HAGERSTOWN	3975	WASHINGTON	5	39 39	77 44	660	6P	6P	H	HAGERSTOWN RESERVOIR	
HANCOCK FRUIT LAB	4030	WASHINGTON	5	39 42	78 11	408	8A	8A	C	U.S. OF MD. FRUIT LAB.	
LA PLATA 1 W	5080	CHARLES	5	38 32	77 00	140	5P	5P	H	C. RUSSELL LEVIRING	
LAUREL 3 W	5111	PRINCE GEORGE	4	39 06	76 54	400	5P	5P	C	WASH. SUB. SANY. COMM.	
LEONARDTOWN 3 NW	5001	ST. MARYS	5	38 19	76 40	40	5P	5P	C	RADIO STATION WKX	
LOCH RAVEN DAM	5340	BALTIMORE	1	39 26	76 33	190	5P	5P		CITY OF BALTIMORE	
LUKE	5530	ALLEGANY	5	39 28	79 04	1020	8A	8A	C	HOWARD T. MANGOLD	
MERRILL	5694	GARRETT	5	39 36	79 05	1790	6A	6A	H	DELWOOD E. MERRILL	
MILLINGTON	5985	KENT	1	39 16	75 51	30	5P	5P	H	LOUIS W. HOLLETT	
NEW GERMANY	6408	GARRETT	5	39 38	79 07	2590			C	ARCHIE BITTINGER	
OAKLAND 1 SE	6620	GARRETT	7	39 24	79 24	2420	5P	5P	H	R. E. WEEGER	
OCEAN CITY WATER PLANT	6670	Worcester	2	38 20	75 05	17	4P	4P		TOWN OF OCEAN CITY	
OWINGS FERRY LANDING	6770	CALVERT	4	38 42	76 41	120	7P	7P	C	H THOMAS J. BOURNE	
PARSON 2 SW	6844	BALTIMORE	1	39 38	76 42	600	11P	11P	C	JOHN R. FOX	
PERRY POINT	6980	CECIL	1	39 33	76 04	40			C	VETERANS ADMINISTRATION	
PICARDY	7010	ALLEGANY	5	39 33	78 30	1030	6P	6P	H	POTOMAC HLAND. ORCHARD	
POTOMAC CITY 1 S	7140	Worcester	1	38 03	75 34	20	5P	5P	H	RADIO STATION WDMV	
POTOMAC FILTER PLANT	7272	MONTGOMERY	5	39 02	77 15	270	8A	8A	H	CITY OF POTOMAC	
PRESTON 1 S	7310	CAROLINE	1	38 42	75 55	50	6P	6P	H	FRANKLIN D. NUSSBAUM	
PRINCE FREDERICK	7325	CALVERT	1	38 32	76 35	140	5P	5P		BOYD KING	
PRINCESS ANNE	7330	SOMERSET	1	38 12	75 41	15	5P	5P	H	TOWN OF PRINCESS ANNE	
ROCK HALL 3 SE	7700	KENT	1	39 07	76 12	10	6P	6P		JOHN C. BRANCA	
ROCKVILLE	7705	MONTGOMERY	5	39 05	77 09	436	4P	4P		COUNTY POLICE	
ROYAL OAK	7806	FALSBOT	1	38 43	76 11	80	5P	5P	H	J. W. SWAIN, JR.	
SALISBURY	8000	WICOMICO	1	38 22	75 35	10	5P	5P		CITY OF SALISBURY	
SALISBURY FAA AIRPORT	8005	WICOMICO	1	38 20	75 30	52	MID	MID	8A	H FED. AVIATION AGENCY	
SAVAGE RIVER DAM	8065	GARRETT	5	39 31	79 08	1495	8A	8A	C	UPPER POTOMAC RVR. COMM.	
SHALLMAR	8191	GARRETT	5	39 23	79 12	1700	8A	8A	C	CLARENCE B. KIMBLE	
SIMES DEEP CREEK	8315	GARRETT	7	39 31	79 25	2038	MID	MID	H	PA. ELECTRIC CO.	
SNOW HILL	8380	Worcester	1	38 11	75 24	14	6P	6P	H	FRED W. SEILING	

1-CHEESAPEAKE; 2-COASTAL; 3-PATAPSCO; 4-PATUXENT; 5-POTOMAC; 6-SUSQUEHANNA; 7-YOUGHIOHEKY

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.
- AR 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 latest 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.