

VOLUME 1

NUMBER 1

SUPPLEMENTAL
CLIMATOLOGICAL DATA
LATE REPORTS AND CORRECTIONS



MARYLAND & DELAWARE

1980
AND PRIOR YEARS

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CAROLINA 28801."

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noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL
DATA SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Heating Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days			Cooling Degree Days
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
										30° or Above	32° or Below	32° or Above	30° or Below											
MARYLAND																								
* * * NOVEMBER 1979																								
OWINGS FERRY LANDING	63.3	40.8	52.1	3.9	76	23	25	30	387	0	0	3	0	3.22	- .05			.0	0					4
* * * DECEMBER 1979																								
OWINGS FERRY LANDING	49.6M	31.3M	40.5M	3.0	72	12			760	0	0		0											0
* * * FEBRUARY 1980																								
OWINGS FERRY LANDING	41.0	23.2	32.1	- 5.2	62	21	14	1	947	0	5	25	0	1.26	- 1.29	.50	16	7.1	3	26+	5	1	0	0
* * * JULY 1980																								
DENTON 1 S	89.1	67.7	78.4	1.3	99	21+	52	7	0	13	0	0	0	5.29	.59	2.00	23	.0	0		5	3	3	424
* * * AUGUST 1980																								
OWINGS FERRY LANDING	88.9	63.7	76.3	1.4	99	3	52	18	1	17	0	0	0	2.04	- 2.47	.69	16	.0	0		6	1	0	359
* * * OCTOBER 1980																								
OWINGS FERRY LANDING	M	M	M							0	0		0	3.18	.13			.0	0					
DELAWARE																								
* * * OCTOBER 1980																								
DOVER	68.7	45.8	57.3	- 1.7	80	17	32	31	257	0	0	1	0	5.24	2.18	2.95	25	.0	0		8	3	1	22

See Reference Notes Following Station Index

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																																
* * *																																
NOVEMBER 1979																																
OWINGS FERRY LANDING	3.22										.43	*	*	*	1.41												1.38					
* * *																																
DECEMBER 1979																																
OWINGS FERRY LANDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * *																																
FEBRUARY 1980																																
OWINGS FERRY LANDING	1.26						.07	T		.13	.21						.50					.14				.21						
* * *																																
JULY 1980																																
DENTON I S	5.29		.36						.32		.02							.02				1.00	2.00						1.57			
* * *																																
AUGUST 1980																																
OWINGS FERRY LANDING	2.04	.23		.29	T				.24		.22	.03					.69	.26	.08													
* * *																																
OCTOBER 1980																																
OWINGS FERRY LANDING	3.18		.93	.19							.29							*	*	.47						*	*	*	1.30			
DELAWARE																																
* * *																																
OCTOBER 1980																																
DOVER	5.24	.13	.15	.34							T	.10						.85	.05							2.95	.52		.15			

See reference notes following Station Index.

MARYLAND AND DELAWARE

See Reference Notes Following Station Index

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
MARYLAND																																
* * *																																
DECEMBER 1979																																
OWINGS FERRY LANDING	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * *																																
FEBRUARY 1980																																
OWINGS FERRY LANDING	SNOWFALL						1.2			.9	2.5																2.5					
	SN ON GND	-	-	-	-	-	1	T		1	3	1	T														3	2	2	1		

CORRECTIONS

MARYLAND

DATE	TABLE	DIVISION	STATION	CORRECTION
December 1979	Snowfall and Snow on Ground	Northern Central 06	Damascus 2 SW	Snowfall on 13th 0.
February 1980	Supplemental Data		Baltimore WSO AP	Percent of Possible Sunshine 66.
Annual 1979	Total Precipitation and Departures from Normal	Northern Central 06	Catoctin Mountain Park	October total precipitation 87.11. Annual 265.75.
Annual 1979	Total Precipitation and Departures from Normal	Northern Central 06	Division	October average precipitation 5.76. Departure from normal 3.88. Annual 60.27. Departure from normal 18.93.
October 1979	Monthly Summarized Station and Divisional Data	Northern Central 06	Catoctin Mountain Park	Total precipitation missing. Number of days with precipitation .50 or more 5.
October 1979	Daily Precipitation	Northern Central 06	Catoctin Mountain Park	Total missing. Amount on 1st missing.
October 1979	Monthly Summarized Station and Divisional Data	Northern Central 06	Division	Average precipitation 6.80. Departure from normal 3.92.
March 1980	Monthly Summarized Station and Divisional Data	Northern Central 06	Aberdeen Phillips Fld	Delete maximum depth of snow on ground and date.
April 1980	Monthly Summarized Station and Divisional Data	Northern Central 06	Damascus 2 SW	Average minimum 43.6. Average temperature 53.7. Total heating degree days 336.
April 1980	Daily Temperatures	Northern Central 06	Damascus 2 SW	Minimum on 21st 51. Average minimum 43.6.
August 1980	Monthly Summarized Station and Divisional Data	Northern Central 06	Clarksville 3 NNE	Total precipitation 2.27.
August 1980	Daily Precipitation	Northern Central 06	Clarksville 3 NNE	Total 2.27. Amount on 16th 28.
August 1980	Monthly Summarized Station and Divisional Data	Appalachian Mountain 07	Hancock Fruit Lab	Total precipitation 1.22. Departure from normal -1.93.
August 1980	Daily Precipitation	Appalachian Mountain 07	Hancock Fruit Lab	Total 1.22. Amount on 24th .05.
August 1980	Monthly Summarized Station and Divisional Data	Appalachian Mountain 07	Division	Average precipitation 2.59. Departure from normal -.90.
November 1980	Monthly Summarized Station and Divisional Data	Lower Southern 03	Solomons	Total precipitation 2.34. Departure from normal -1.01.
November 1980	Daily Precipitation	Lower Southern 03	Solomons	Total 2.34. Amount on 28th *; 29th *; 30th .33.
November 1980	Monthly Summarized Station and Divisional Data	Lower Southern 03	Division	Average precipitation 2.91. Departure from normal -.38.

See Reference Notes Following Station Index

REFERENCE NOTES

MARYLAND AND DELAWARE

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 heating and cooling degree totals are the sums of the negative and positive departures, respectively, 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 ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., e.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for October 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions 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 published annually as a Supplemental 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, "Daily Soil Temperatures" table.
- + No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- ++ And also on an earlier date or dates.
- * Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observations 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.

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 these States, price 25 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.85 per year for each section including annual summary; \$13.00 foreign; 45¢ single copy; \$1.00 foreign; 45¢ annual summary; \$1.00 foreign. There is a minimum charge of \$3.00 for each order of shelf-stocked issues of publications. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801. ATTN: Publications

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