

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
OCTOBER 1969

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				
										80° or Above	32° or Below	Freezing	0° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More		
																								Max.	Min.
TOWSON	68.4	46.4	57.4		81	20	25	24	253	0	0	4	0	1.86	- 1.63	.81	2		T	0			4	1	0
UNIONVILLE	65.9	37.7	51.8		81	20+	16	24	409	0	0	11	0	1.25		.57	2		T	0			3	1	0
WESTMINSTER 2 SSE	65.4	41.4	53.4	- 2.3	81	13	19	24	362	0	0	7	0	1.15	- 2.31	.60	3		T	0			1	1	0
WHEATON REGIONAL PARK	66.8	42.1	54.5		79	21+	22	24	329	0	0	7	0	1.43		.72	2		T	0			1	1	0
WOODSTOCK	67.0	39.3	53.2	- 2.4	82	20	19	24	362	0	0	9	0	.49	- 2.78	.25	21		T	0			0	0	0
DIVISION			54.5	- 1.8										1.51	- 1.81				T						
* * *																									
APPALACHIAN MOUNTAIN																									
07																									
BOONSBORO	65.9	44.1	55.0		82	20	22	24	312	0	0	5	0	1.29		.92	2		T	0			3	1	0
CHEWSVILLE BRIDGEPORT	67.6	40.3	54.0	- .8	81	20	18	24	342	0	0	10	0	1.44	- 1.58	.92	2		T	0			2	1	0
CUMBERLAND	70.0	39.6	54.8		85	12	19	24	328	0	0	8	0	1.46		.59	3		T	0			1	1	0
CUMBERLAND POLICE BRKS	68.0	40.1	54.1		80	20+	18	24	347	0	0	9	0	1.72		.84	2		T	0			3	1	0
FROSTBURG	65.0	39.2	52.1	- 1.3	80	13	16	24	397	0	0	9	0	1.57	- 1.76	.80	2		T	0			3	1	0
HAGERSTOWN	67.0	42.8	54.9		83	20	22	24	321	0	0	7	0	1.46		.92	2		T	0			3	1	0
HANCOCK FRUIT LAB	65.1	38.3	51.7		81	21	16	30+	416	0	0	11	0	1.51	- 1.77	.70	3		T	0			4	1	0
PICARDY	66.8	39.6	53.2		82	20+	15	24	359	0	0	9	0	1.21		.55	2		T	0			5	1	0
WESTERNPORT																									
WESTERNPORT UPRC	67.9M	39.8M	53.9M		82	13	20	24	347	0	0	10	0	1.22		.53	2		T	0			4	1	0
DIVISION			53.7	- 1.4										1.42	- 1.64				T						
* * *																									
ALLEGHENY PLATEAU																									
08																									
BITTINGER 2 NW	58.5M	35.1M	46.8M		74	11	14	24	547	0	0	11	0	1.54		.79	2		T	0			3	1	0
OAKLAND 1 SE	62.6	35.5	49.1	- 1.5	81	13	13	24	488	0	0	12	0	2.25	- .87	.89	21		T	0			3	2	0
SAVAGE RIVER DAM	62.1	37.0	49.6		82	13	17	25+	475	0	0	12	0	1.56		.50	3		T	0			3	1	0
SINES DEEP CREEK 2	61.7M	34.6M	48.2M	- 1.1	80	13	15	24	511	0	0	0	0	2.04	- 1.06	.59	21		T	0			4	2	0
DIVISION			48.4	- 1.5										1.85	- 1.27				T						
DELAWARE																									
* * *																									
NORTHERN																									
01																									
MIDDLETOWN 1 WSW	68.9	43.4	56.2		82	4+	22	24	290	0	0	7	0	2.00		.63	21		T	0			4	3	0
NEWARK UNIVERSITY FARM	68.1	43.0	55.6		80	20+	23	24	301	0	0	7	0	1.74		.77	21		T	0			4	1	0
WILMGTON NCASTLE WB AP	67.6	44.4	56.0	- .6	84	3	24	24	288	0	0	4	0	1.47	- 1.44	.64	21		T	0			3	1	0
WILMGTON PORTER RESVR	65.0	44.1	54.6		79	3	25	24	325	0	0	3	0	1.45	- 1.65	.56	21		T	0			3	1	0
DIVISION			55.6	- 1.6										1.67	- 1.47				T						
* * *																									
SOUTHERN																									
02																									
BRIDGEVILLE 1 NW	67.7	42.4	55.1	- 2.9	83	20+	19	24	314	0	0	7	0	1.18	- 2.01	.85	8		T	0			2	1	0
DOVER	68.6	46.5	57.6	- 1.1	83	3	25	24	256	0	0	5	0	1.54	- 1.73	1.03	8		T	0			3	1	1
GEORGETOWN 5 SW	67.0	42.4	54.7		82	4	21	24	332	0	0	9	0	.86		.46	3		T	0			2	0	0
LEWES 1 SW	66.8	47.0	56.9		84	3	30	25	272	0	0	4	0	.73		.31	8		T	0			0	0	0
MILFORD 2 WSW	68.9	42.4	55.7		85	3	19	24	305	0	0	8	0	1.88		1.15	8		T	0			3	1	1
SELRYVILLE	69.1	46.9	58.0	.0	83	3	24	24	246	0	0	6	0	1.42		1.05	3		T	0			2	1	1
DIVISION			56.3	- 2.1										1.27	- 2.13				T						

TEMPERATURE AND PRECIPITATION EXTREMES

- HIGHEST TEMPERATURE: 89° ON THE 20TH AT BALTIMORE WB CITY, MD.
- LOWEST TEMPERATURE: 13° ON THE 24TH AT OAKLAND 1 SE, MD.
- GREATEST TOTAL PRECIPITATION: 2.92 INCHES AT EMMITSBURG 2 SE, MD.
- LEAST TOTAL PRECIPITATION: .49 INCH AT WOODSTOCK, MD.
- GREATEST ONE-DAY PRECIPITATION: 1.95 INCHES ON THE 2D AT EMMITSBURG 2 SE, MD.
- GREATEST REPORTED TOTAL SNOWFALL: TRACE AT 7 STATIONS, MD.

See Reference Notes Following Station Index

DAILY PRECIPITATION

Continued

MARYLAND AND DELAWARE
OCTOBER 1969

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 NSW	2.00		.17	.52																													
NEWARK UNIVERSITY FARM	1.74		.14	.46																													
WILMINGTON CASTLE NB AP	1.47		.42	.02																													
WILMINGTON PORTER RESVR	1.45		.45	.08																													
* * * * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	1.18		.02	.18																													
DOVER	1.54		T	.33																													
GEORGETOWN 5 SW	.86			.46																													
LEWES 1 SW	.73		.05	.23																													
HILFORD 2 NSW	1.88		.05	.13																													
SELBYVILLE	1.42			1.05																													

SPECIAL WEATHER SUMMARY

October 1969 temperatures averaged mostly near normal to 3° below normal. Unusually low temperatures were reported on the morning of the 24th and were record-breaking October lows at many long-term stations. These include such stations as Bridgeville, Emmitsburg, Frostburg, Hagerstown (Chewsville-Bridgeport), Snow Hill, and Westminster. October precipitation was below normal to much below normal. For the second consecutive month, most of the monthly total

fell during the early part of the month. The heaviest monthly totals, between 2 and 3 inches, were found in Northern Eastern Shore and in northern Frederick County, while the least, less than 1 inch, were found in Southern Eastern Shore and southern Delaware. Some light snow on the 23d was the season's first in the northern portion. No severe storms were reported during the month.

W. J. Moyer
ESSA-Weather Bureau State Climatologist
Room 34, Symons Hall
University of Maryland
College Park, Maryland 20740

DAILY TEMPERATURES

MARYLAND AND DELAWARE
OCTOBER 1969

Continued

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																																		
HANCOCK FRUIT LAB	MAX	73	74	69	74	74	64	67	68	73	72	73	72	79	79	64	61	63	55	63	71	81	63	58	44	50	62	63	50	52	51	56	65.1	
	MIN	43	57	63	48	46	42	43	52	36	37	37	30	56	56	30	31	48	28	36	36	55	34	31	16	28	27	35	27	19	16	23	38.3	
PICARDY	MAX	76	69	68	76	65	71	69	74	76	76	77	80	82	71	64	66	58	64	76	82	74	56	44	53	64	64	55	53	52	58	58	66.8	
	MIN	45	58	61	46	43	41	44	47	41	38	41	51	53	50	29	34	45	33	43	45	51	40	31	15	29	32	43	30	21	21	28	39.6	
WESTERNPORT	MAX																																	
	MIN																																	
WESTERNPORT UPRC	MAX	79	75	72	79	70	71	70	73	74	75	75	79	82	78	65	69	65	70	80	74	80	74	62	50	51	64	64	54	51	52	56	59	67.9
	MIN	46	53	61	51	49	40	49	43	37	39	47	50	55	57	31	32	47	29	40	52	36	31	20	22	32	41	33	22	21	27		39.8	
* * *																																		
ALLEGHENY PLATEAU 08																																		
BITTINGER 2 NW	MAX	68	63	65	65	56	63	60	63	66	68	74	72	41	66	55	60	61	52	53	70	63	49	34	49	54	50	55	44	48	52	58.5		
	MIN	42	52	53	46	41	40	44	40	37	41	44	42	53	23	26	38	21	30	41	36	42	33	21	14	30	31	28	22	25	33	35.1		
OAKLAND 1 SE	MAX	73	74	71	70	65	69	65	66	69	74	76	77	81	66	58	63	61	56	64	72	66	51	37	53	58	54	49	45	47	52	59	62.6	
	MIN	38	54	57	53	42	33	41	39	31	32	35	53	52	44	25	42	38	28	35	34	44	35	23	13	26	25	34	28	15	25	28	35.5	
SAVAGE RIVER DAM	MAX	73	73	67	68	76	60	65	59	68	73	70	71	82	77	60	58	61	51	58	69	77	59	52	39	48	60	61	46	47	46	51	62.1	
	MIN	40	55	57	51	46	42	42	45	36	38	38	44	54	54	28	28	43	30	31	40	47	34	29	17	17	31	36	31	21	20	23	37.0	
SINES DEEP CREEK 2	MAX	72	70	67	69	62	69	61	65	68	72	75	76	80	74	65	64	55	54	63	73	67	51	38	53	57	54	49	44	48	54	60	61.7	
	MIN	40	56	54	51	41	34	42	42	32	31	37	34	47	27	35	35	23	31	34	45	32	24	15	27	27	35	27	16	18	23	34.6		
DELAWARE																																		
* * *																																		
NORTHERN 01																																		
MIDDLETOWN 1 MSW	MAX	79	74	82	82	77	72	76	75	71	72	71	77	71	72	66	67	67	64	72	81	79	65	52	50	59	67	64	56	53	60	64	68.9	
	MIN	48	56	66	54	49	39	49	60	45	40	48	53	53	63	40	35	43	37	44	54	57	40	27	22	31	28	43	37	28	25	32	43.4	
NEWMARK UNIVERSITY FARM	MAX	78	75	80	79	72	70	75	69	72	72	70	78	77	72	66	68	67	62	73	80	79	64	54	49	51	65	60	55	55	61	64	68.1	
	MIN	47	55	66	55	48	40	48	61	45	41	48	55	53	64	39	36	40	34	42	42	54	39	28	23	30	30	45	38	30	28	30	43.0	
WILMGTN NCASTLE WB AP	MAX	77	71	84	75	67	71	72	70	72	72	70	80	72	74	65	67	64	64	71	82	72	64	47	51	53	67	63	57	55	62	64	67.6	
	MIN	51	61	66	55	48	44	53	58	48	45	50	56	56	52	42	39	40	36	45	48	45	40	28	24	34	34	47	37	31	30	34	44.4	
WILMGTN PORTER RESVR	MAX	75	69	79	73	65	70	70	68	70	70	68	75	70	72	62	64	60	61	70	78	70	60	44	49	51	65	59	53	53	59	62	65.0	
	MIN	49	56	66	53	47	45	54	56	48	45	49	54	57	51	42	38	41	34	46	48	48	38	26	25	34	35	44	38	30	34	36	44.1	
* * *																																		
SOUTHERN 02																																		
BRIDGEVILLE 1 NW	MAX	80	72	83	75	63	71	75	67	71	72	67	77	69	72	64	69	64	62	73	83	73	67	54	51	57	67	67	57	53	60	65	67.7	
	MIN	45	52	62	57	51	37	44	60	52	39	48	57	58	62	42	35	43	32	39	47	51	42	25	19	28	28	36	37	28	22	33	42.4	
DOVER	MAX	75	73	83	80	73	70	76	75	71	70	67	75	74	71	69	68	68	65	72	81	81	65	58	50	53	67	65	59	53	59	62	68.6	
	MIN	51	58	67	60	51	41	49	59	51	45	53	57	59	63	43	40	48	37	45	54	60	42	31	25	32	31	51	39	34	29	36	46.5	
GEORGETOWN 5 SW	MAX	72	78	73	82	73	62	71	73	69	70	71	69	76	69	72	62	69	63	62	72	81	67	67	47	50	58	68	67	55	52	60	67.0	
	MIN	46	49	65	60	55	40	44	55	33	38	43	60	60	63	45	35	35	30	32	50	60	38	30	21	25	28	34	41	28	23	29	42.4	
LEWES 1 SW	MAX	75	72	84	72	63	66	73	72	68	69	67	73	68	73	64	67	66	65	75	83	74	69	46	50	58	66	65	56	51	58	62	66.8	
	MIN	49	48	69	61	57	42	47	62	52	43	56	61	64	62	48	42	48	34	41	52	50	41	31	29	30	34	55	42	35	38	33	47.0	
MILFORD 2 MSW	MAX	78	73	85	80	72	72	77	70	70	71	67	76	76	73	67	70	66	63	74	83	78	66	56	51	56	68	67	56	52	59	63	68.9	
	MIN	47	52	65	57	52	35	43	59	50	38	48	56	56	60	41	33	45	30	38	49	58	37	24	19	28	27	51	35	30	22	28	42.4	
SELBYVILLE	MAX	75	73	83	79	68	71	75	72	72	71	70	76	71	76	66	70	67	63	74	81	76	76	60	52	57	67	69	60	52	60	59	69.1	
	MIN	45	55	63	62	58	48	46	65	54	42	55	61	65	65	48	37	49	33	39	51	62	42	31	24	27	31	54	43	32	29	39	46.9	

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	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 WB AIRPORT MD	29	2.3	7.4	34	NW	22	73	76	45	59	3	2	2	1	0	0	8	62	4.6
WILMINGTON NCASTLE WB DEL	29	2.3	7.7	32++	28	21	80	82	49	65	9	2	2	1	0	0	14	-	4.8

EVAPORATION AND WIND

MARYLAND AND DELAWARE
OCTOBER 1969

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	EVAP	.10	.09	*	.17	.19	.05	.10	.04	.07	.15	.04	.08	.09	.15	.18	.23	.09	.21	.13	.07	.03	.34	.22	.09	.19	.03	.04	.05	.13	.07	.08	3.50	
BELTSVILLE	MAX	73	76	71	82	81	66	72	74	72	79	74	76	80	76	73	72	64	62	62	72	72	68	61	66	54	51	56	54	62	57	58	68.3	
	MIN	48	52	66	58	51	44	48	56	58	49	49	52	57	63	43	43	45	38	32	46	52	47	39	33	32	35	38	37	38	38	37	45.9	
UPPER MARLBORO 3 NNW	EVAP	.10	.05	.09	.12	.14	.13	.09	.02	.08	.17	.12	.13	.02	*	.19	.12	.08	.12	.13	.08	.19	.17	.07	.06	.06	.09	.12	.08	.13	.06	.05	3.06	
	MAX	73	80	70	80	77	62	76	75	68	78	77	79	79	73	74	68	68	66	67	72	63	72	65	56	58	61	61	65	60	58	59	69.0	
	MIN	47	51	61	60	53	47	48	57	58	54	56	58	52	59	46	45	45	36	44	39	51	46	38	36	35	38	35	43	38	32	37	46.6	
* * * APPALACHIAN MOUNTAIN																																		
BOONSBORO 07	EVAP	.08	.02	.05	.11	.10	.07	.06	.08	.11	.10	.11	.05	.08	.11	.08	.06	.10	.08	.07	.08	.15	.14	.09	.08	.05	.05	.03	.07	.05	.06	.05	2.42	
	WIND	13	44	23	25	20	13	28	13	8	19	19	7	8	37	21	15	26	17	9	29	39	40	46	26	7	8	15	30	10	13	15	64.3	
	MAX	72	70	68	73	70	66	65	74	72	70	70	73	76	79	62	61	57	57	61	67	66	60	52	-	-	-	-	-	-	-	-	-	67.0
	MIN	55	62	66	58	53	49	55	62	51	51	53	57	59	62	41	45	49	39	47	51	55	47	38	-	-	-	-	-	-	-	-	-	52.4
* * * ALLEGHENY PLATEAU 08																																		
SAVAGE RIVER DAM	EVAP	.18	.21	-	.09	.13	.05	.11	*	.18	.12	.03	.07	.08	.09	.12	.05	.01	.05	.21	.12	.02	.26	.07	-	-	-	-	-	-	-	-	-	-
	WIND	35	54	33	83	41	49	28	15	56	25	28	26	18	34	104	25	59	100	68	30	114	103	170	87	32	44	33	62	56	22	36	1670	
	MAX	72	80	67	73	78	63	68	59	69	74	68	70	74	75	60	57	55	52	56	60	68	61	51	-	-	-	-	-	-	-	-	-	65.7
	MIN	45	50	61	56	52	50	49	50	45	44	44	51	57	59	37	36	43	38	38	38	48	43	33	-	-	-	-	-	-	-	-	-	46.4
DELAWARE																																		
* * * SOUTHERN 02	EVAP	.15	.15	.02	.25	.20	.09	.12	.15	.04	.16	.10	.05	.09	.01	.17	.15	.20	.07	.04	.26	.22	.28	.29	.21	.00	.08	.08	.13	.14	.08	.08	4.06	
	WIND	43	40	120	88	82	49	21	93	46	32	37	78	71	42	109	64	46	79	49	82	211	89	154	85	29	39	59	89	85	43	32	2186	

SNOWFALL AND SNOW ON GROUND

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																																				
* * * NORTHERN CENTRAL 06																																				
PARKTON 2 SW	SNOWFALL																																			
	SN ON GND																																			
WESTMINSTER 2 SSE	SNOWFALL																																			
	SN ON GND																																			
* * * APPALACHIAN MOUNTAIN																																				
FROSTBURG 07	SNOWFALL																																			
	SN ON GND																																			
* * * ALLEGHENY PLATEAU 08																																				
OAKLAND 1 SE	SNOWFALL																																			
	SN ON GND																																			
DELAWARE																																				
* * * NORTHERN 01																																				
WILMINGTON CASTLE WB AP	SNOWFALL																																			
	SN ON GND																																			
	WTR EQUIV																																			

See Reference Notes Following Station Index

REFERENCE NOTES

MARYLAND AND DELAWARE
OCTOBER 1969

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 34, Symons Hall, University of Maryland, College Park, Maryland 20740, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA MARYLAND AND DELAWARE".

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 Bureau 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 Bureau 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 8-8 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.

SNOWFALL: Entries of snowfall in the "Climatological 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 1931-1960.

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.

DELAYED DATA 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 "Climatological 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.

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 publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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 Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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, D. C. 20402.

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MARYLAND AND DELAWARE

