

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
OCTOBER 1966

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	Below 32°	0° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More
WESTMINSTER 2 SSE	62.1	41.7	51.9	- 3.8	77	9	27	31	399	0	0	4	0	2.63	- 1.03	1.14	19	.0	0	4	2	1
WHEATON REGIONAL PARK	66.1M	40.7M	53.4M		75	10	25	31	335	0	0	4	0	3.90		2.54	19	.0	0	4	2	1
WOODSTOCK	65.6	39.2	52.4	- 3.2	79	9	23	31	385	0	0	8	0	3.24	- .03	1.98	19	.0	0	4	2	1
DIVISION			53.3	- 3.0										3.36	.04			.0				
* * *																						
APPALACHIAN MOUNTAIN																						
BOONSBORO	63.1	42.9	53.0		79	9	31	30	363	0	0	1	0	2.36		.83	19	.0	0	5	2	0
CHEWSVILLE BRIDGEPORT	64.5	41.1	52.8	- 2.0	78	9	28	31	374	0	0	6	0	1.91	- 1.11	.72	19	.0	0	4	2	0
CUMBERLAND	65.1	39.4	52.3		78	15	29	31	388	0	0	8	0	1.91		.60	1	.0	0	4	3	0
CUMBERLAND POLICE BRKS																						
FROSTBURG	60.0	36.2	48.1	- 5.3	75	10	24	31	513	0	0	9	0	1.72	- 1.61	.73	1	.0	0	4	1	0
HAGERSTOWN	64.3	42.8	53.6		77	9	32	18	350	0	0	1	0	2.05		.74	1	.0	0			
HANCOCK FRUIT LAB	62.5	38.1	50.3		78	5	21	31	453	0	0	11	0	2.07	- 1.21			.0	0			
PICARDY	64.6	39.3	52.0		80	9	23	31	402	0	0	9	0	2.35		1.16	1	.0	0	5	2	1
WESTERNPORT	67.1	39.0	53.1	- 2.9	79	9	25	31	362	0	0	8	0	2.21	- .75	1.26	1	.0	0	5	1	1
DIVISION			51.9	- 3.2										2.07	- 1.00			.0				
* * *																						
ALLEGHENY PLATEAU																						
BITTINGER 2 NW	56.3	35.4	45.9		70	15	20	30	585	0	0	9	0	2.71		1.30	1	T	0	5	2	1
OAKLAND 1 SE	59.6	33.2	46.4	- 4.2	74	15	18	31	568	0	0	14	0	2.73	- .39	1.37	1	T	0	6	1	1
SAVAGE RIVER DAM	59.6	35.5	47.6		76	10	23	31	534	0	0	11	0	2.12		.80	1	.0	0	5	1	0
SINES DEEP CREEK 2	59.4	32.5	46.0	- 3.3	75	15	18	30	583	0	0	15	0	3.03	- .07	1.10	1	.0	0	6	1	1
DIVISION			46.5	- 3.5										2.65	- .47			T				
DELAWARE																						
* * *																						
NORTHERN																						
MIDDLETOWN 1 WSW	66.8	42.6M	54.7M		78	4	27	31	307	0	0	3	0	5.37		3.48	19	.0	0	6	2	1
NEWARK UNIVERSITY FARM	66.8	42.0	54.4		78	9	25	31	322	0	0	3	0	5.20		3.58	19	.0	0	6	2	1
WILMGTN NCASTLE WB AP	64.7	42.4	53.6	- 3.0	78	4	29	31	346	0	0	2	0	5.17	2.28	3.69	19	.0	0	5	2	1
WILMGTN PORTER RESVR	63.9	43.6	53.8		76	9	29	31	340	0	0	1	0	5.50	2.40	3.73	19	.0	0	4	2	2
DIVISION			54.1	- 3.1										5.31	2.17			.0				
* * *																						
SOUTHERN																						
BRIDGEVILLE 1 NW	67.9	42.9	55.4	- 2.6	80	10	25	31	296	0	0	2	0	4.96	1.77	2.97	19	.0	0	5	2	1
DOVER	69.2	45.1	57.2	- 1.5	80	4	29	31	248	0	0	1	0	5.87	2.60	3.76	19	.0	0	6	3	1
GEORGETOWN 5 SW	67.9	42.2	55.1		80	10	24	31	305	0	0	5	0	5.46		3.00	19	.0	0	4	3	2
LEWES 1 SW	66.4	45.7	56.1		80	10	28	31	281	0	0	1	0	3.73		2.00	19	.0	0	6	2	1
MILFORD 3 WNW																						
SELBYVILLE	69.9	43.6	56.8		80	10	23	31	260	0	0	1	0	2.74		.66	19	.0	0	6	3	0
DIVISION			56.1	- 2.3										4.55	1.15			.0				

SPECIAL WEATHER SUMMARY

For the third time in 2 months, a low pressure system, moving slowly northeastward up the Atlantic coast, brought heavy rain to the two-state area. This time, the area most affected was northeastern Maryland and Delaware; here,

the storm rainfall on the 19th exceeded the previous greatest one-day October total of many stations. This included such stations with long periods of record as Wilmington, Dover, Coleman, Elkton, Rock Hall, and Millington.

W. J. Moyer
Weather Bureau State Climatologist
Weather Bureau Airport Station
Friendship International Airport
Baltimore, Maryland 21240

DAILY PRECIPITATION

MARYLAND AND DELAWARE
OCTOBER 1986

Continued

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 NW	5.37	.67	.24		.36						T					.27			3.48	.35																	
NEWARK UNIVERSITY FARM	5.20	.81	.17		.20						T					.18			3.58	.23							T	.03									
WILMGTN NCASLE WB AP	5.47	.93			.20						T					.15		.20	3.69	T																	
WILMGTN PORTER RESVR	5.50	1.04		T	.20						T					T		.46	3.75						T	.05											
* * * SOUTHERN 02																																					
BRIDGEVILLE 1 NW	4.96	.73	.07		.42						.04					.26			2.97	.47						T											
DOVER	5.87	.87	.30		.36						.07					.19			3.76	.62						T											
GEORGETOWN 5 SW	5.46	.77			1.15						.09					.45			3.00																		
LEWES 1 SW	3.73	.53			.38						.13					.48		.20	2.00					.01		T											
MILFORD 3 WNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SELBYVILLE	2.74	.65	.19		.33						.04					.28			.66	.54				.05		T											

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			
MARYLAND																																			
* * * UPPER SOUTHERN 04																																			
UPPER MARLBORO 3 NNW	EVAP	-	-	.08	.15	.08	.27	.15	.18	.12	.04	.23	.19	.14	.15	*	*	.24	.13	-	-	.06	.14	.04	.08	.04	.03	.11	.06	.12	.11	.08	3.478		
	WIND	22	10	2	5	19	30	21	7	2	4	23	7	52	2	10	6	21	16	7	21	33	2	21	0	3	3	6	3	2	54	8	415		
	MIN	50	39	40	46	50	45	41	41	68	60	46	47	45	44	50	61	43	38	37	42	38	37	38	41	50	47	40	38	38	37	36	43.6		
* * * APPALACHIAN MOUNTAIN 07																																			
BOONSBORO	EVAP	.67	.09	.10	.10	.16	.17	.08	.08	.12	.10	.15	.16	.06	.09	.08	.11	.07	.03	.00	.03	.06	.08	.02	.03	.01	.12	.05	.04	.08	.11	.03	3.08		
	WIND	4	4	6	13	30	26	7	5	5	19	21	23	6	19	36	35	25	4	7	42	9	16	7	3	2	4	6	5	19	30	17	458		
	MIN	47	39	46	50	58	46	41	46	54	60	44	44	44	50	54	58	43	37	42	40	37	41	48	51	48	42	40	40	43	38	36	45.4		
* * * ALLEGHENY PLATEAU 08																																			
SAVAGE RIVER DAM	EVAP	.12	.08	.13	.13	.15	.18	.13	.02	.19	.05	.23	.25	.19	.07	.06	.03	.24	.00	-	.15	.13	.06	.08	.01	.07	.02	.07	.06	.11	.05	.09	3.268		
	WIND	78	68	54	43	65	185	98	23	30	3	122	183	95	30	37	62	139	94	67	122	98	31	37	45	28	38	38	35	39	136	48	2169		
	MAX	59	47	61	59	72	37	55	63	85	49	64	59	61	60	65	69	59	44	41	47	49	59	52	55	50	55	55	52	56	49	45	56.4		
	MIN	-	40	39	42	46	42	38	37	40	50	43	42	40	40	44	53	42	37	36	40	36	36	37	41	40	40	35	36	37	35	34	39.9		
DELAWARE																																			
* * * NORTHERN 01																																			
NEWARK UNIVERSITY FARM	EVAP	-	-	.09	.12	.23	.19	.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	39	31	15	24	46	61	38	15	11	30	52	54	16	28	35	44	46	26	20	80	34	15	10	15	14	16	14	15	37	49	18	948		
	MAX	73	69	72	78	78	66	69	74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	52	41	47	51	60	43	41	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * SOUTHERN 02																																			
GEORGETOWN 5 SW	EVAP	.38	.05	.31	.12	-	-	.15	.13	.14	.15	.19	.36	.13	.14	.09	.19	.16	.11	-	.08	.21	.21	.06	.07	.07	.02	.24	.11	.14	.24	.05	4.768		
	WIND	68	23	38	10	54	72	24	19	13	42	48	94	11	32	30	55	44	26	108	87	21	23	10	26	27	47	16	34	46	108	11	1267		

Continued

DAILY TEMPERATURES

MARYLAND AND DELAWARE
OCTOBER 1966

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																																	
WESTERNPORT	MAX	68	64	69	78	72	61	73	78	79	70	68	71	71	78	78	72	50	48	54	58	65	72	68	62	63	63	67	75	70	55	59	
	MIN	45	38	34	43	44	45	32	34	47	57	39	46	36	39	48	49	45	31	41	44	29	31	43	38	40	37	31	32	38	28	25	
* * *																																	
ALLEGHENY PLATEAU 08																																	
BITTINGER 2 NW	MAX	46	51	58	66	60	48	60	67	70	60	55	57	64	67	70	63	39	38	46	45	55	61	55	53	57	56	60	62	55	41	59	
	MIN	38	33	33	43	44	34	28	38	45	47	42	38	37	42	49	39	35	27	35	33	29	34	43	32	37	30	25	34	30	20	24	
OAKLAND 1 SE	MAX	48	56	62	68	60	52	65	70	71	61	58	62	70	73	74	66	42	42	47	49	60	64	63	55	61	60	63	65	57	44	59	
	MIN	39	37	28	40	47	36	24	26	42	51	45	39	31	34	48	40	37	24	38	35	23	24	37	29	34	32	22	22	30	18	18	
SAVAGE RIVER DAM	MAX	58	46	59	62	73	57	53	68	73	76	63	61	63	65	72	74	51	43	42	52	51	60	62	61	55	58	59	62	67	58	45	
	MIN	44	37	31	32	41	42	31	33	33	48	38	46	35	36	39	71	73	75	68	43	42	33	40	28	30	36	34	30	32	26	23	
SINES DEEP CREEK 2	MAX	49	55	63	68	62	51	62	69	71	61	59	60	71	73	75	68	43	42	48	49	62	65	57	55	62	59	61	63	55	44	59	
	MIN	40	35	29	38	46	38	25	27	41	37	34	31	31	34	43	42	38	28	39	36	22	25	38	28	35	31	24	24	30	18	20	
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX	71	64	65	78	74	63	66	74	77	74	71	67	71	71	69	72	58	58	56	60	66	68	68	65	62	65	63	68	72	55	59	
	MIN	48	39	38	44	56	41	35	42	51	53	39	46	41	49	51	58	58	31	46	47	33	36	47	50	47	43	36	31	40	34	27	
NEWARK UNIVERSITY FARM	MAX	70	64	66	77	76	62	66	75	78	75	71	66	69	71	68	69	59	53	55	58	63	67	71	68	63	66	65	70	70	62	59	
	MIN	48	37	38	43	55	40	35	39	49	56	41	46	38	52	49	58	40	32	45	46	32	33	42	48	50	41	37	33	38	35	25	
WILMGTN NCASTLE WB AP	MAX	60	63	66	78	66	58	66	73	76	74	68	66	68	70	67	71	56	53	57	58	62	65	70	65	57	65	63	69	70	67	58	
	MIN	43	38	40	46	50	41	38	41	51	48	43	47	41	53	50	48	40	33	46	40	34	38	44	51	50	42	40	36	41	32	29	
WILMGTN PORTER RESVR	MAX	59	62	65	75	66	57	65	73	76	75	67	64	68	71	66	68	53	53	58	57	61	65	70	64	56	65	62	68	68	47	56	
	MIN	44	40	40	46	49	42	41	44	50	49	42	45	41	53	50	53	44	36	45	40	37	43	49	50	50	45	42	38	43	33	29	
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	71	65	68	78	70	67	65	73	77	80	71	68	75	75	72	72	63	56	62	62	61	67	74	69	62	63	62	67	70	59	60	
	MIN	48	37	37	43	54	40	35	41	50	60	39	47	43	45	45	60	38	33	48	45	31	37	56	52	50	50	37	34	35	35	25	
DOVER	MAX	75	65	68	80	78	66	67	75	79	79	72	69	71	73	72	72	66	55	59	61	64	68	72	70	65	68	64	68	73	70	62	
	MIN	49	41	41	46	55	43	39	46	55	62	44	49	44	49	49	60	39	37	47	48	35	38	50	52	49	46	40	38	41	37	29	
GEORGETOWN 5 SW	MAX	64	64	67	78	73	59	65	72	77	80	70	67	75	74	73	72	59	56	69	64	62	69	75	69	60	62	62	66	72	69	61	
	MIN	49	37	35	43	53	42	32	40	50	59	39	45	40	42	44	53	38	32	50	45	31	34	59	52	50	49	37	32	35	36	24	
LEWES 1 SW	MAX	65	62	65	76	70	60	67	73	77	80	71	67	73	70	69	74	61	56	66	59	59	69	76	64	60	63	60	61	72	55	58	
	MIN	48	40	39	43	56	42	37	45	53	63	43	47	46	49	49	56	41	45	52	46	38	38	60	53	55	43	42	41	47	35	26	
MILFORD 3 WNW	MAX	79	69	67	78	74	64	64	75	78	80	71	69	75	73	73	74	70	59	75	67	61	69	77	70	62	64	63	65	73	70	60	
	MIN	50	39	38	45	55	39	35	41	57	62	41	43	40	44	45	61	39	33	50	45	33	33	57	53	52	53	40	36	35	36	23	
SELBYVILLE	MAX	79	69	67	78	74	64	64	75	78	80	71	69	75	73	73	74	70	59	75	67	61	69	77	70	62	64	63	65	73	70	60	
	MIN	50	39	38	45	55	39	35	41	57	62	41	43	40	44	45	61	39	33	50	45	33	33	57	53	52	53	40	36	35	36	23	

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																																		
* * *																																		
ALLEGHENY PLATEAU 08																																		
BITTINGER 2 NW	SNOWFALL																																	
	SN ON GND																																	
OAKLAND 1 SE	SNOWFALL																																	
	SN ON GND																																	

SUPPLEMENTAL DATA

Station	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	EASTERN STANDARD TIME				Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over			Total
							1 AM	7 AM	1 PM	7 PM									
BALTIMORE WB AIRPORT MD	29	2.9	7.9	35	W	05	76	80	48	65	2	1	2	2	0	1	8	69	4.0
WILMINGTON NCASTLE WB AP DEL	29	3.5	8.3	30++	31	29	80	83	49	66	3	0	3	1	0	1	8	-	4.2

See Reference Notes Following Station Index

STATION INDEX

MARYLAND AND DELAWARE
OCTOBER 1966

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES			OBSERVER
								TEMP.	PRECIP.	SPECIAL (SEE PAGE)	
MARYLAND											
ABERDEEN PHILLIPS FLD	0215	04	HARTFORD	1	39 28	76 10	40	50	5F		
ANNAPOLIS	0193	04	ANNE ARUNDEL	1	38 59	76 30	42	69	6F	H	ROSS AVIATION INC.
BALTIMORE WB AIRPORT	0465	04	ANNE ARUNDEL	3	39 11	76 40	168	110	MID	H, J	ARTHUR N. MILLER
BALTIMORE WB CITY	0470	04	BALTO CITY	3	39 17	76 37	14	110	MID		U.S. WEATHER BUREAU
BELTSVILLE	0700	04	PRIN. GEORGES	5	39 02	76 53	120	84	8A	C, K	CHESTER H. GORDON
BELTSVILLE PLANT STA 3	0705	04	PRIN. GEORGES	5	39 01	76 57	100	104	10A		USDA PLANT IND. STA.
BENSON POLICE BARRACKS	0732	04	HARTFORD	1	39 30	76 23	354	59	5F		MD. STATE POLICE
BITTINGER 2 NW	0981	08	GARRETT	7	39 37	79 15	2700	79	7F	H	ELBERT E. BUCKEL
BLACKWATER REFUGE	0915	02	DORCHESTER	1	38 26	76 09	3	48	4F		NAT. WILDLIFE REFUGE
BOONSBORO	0986	07	WASHINGTON	5	39 21	77 39	735	69	6F	C	J. HOWARD BECKENBAUGH
DELAWARE											
BOYDS 2 NW	1033	04	MONTGOMERY	5	39 13	77 20	590	69	6F		HUNTER F. STALEY
BRIGHTON DAM	1125	04	MONTGOMERY	4	39 12	77 01	350	84			WASH. SUB. SAN. COMM.
BROOKDALE	1170	04	MONTGOMERY	5	38 57	77 06	260	74	H		B. FRANCIS DASHIELL
CAMBRIDGE 4 W	1385	01	DORCHESTER	1	38 24	76 09	5	69	6F		D ARCY MC S. HARDING
CENTREVILLE	1627	01	QUEEN ANNES	1	39 23	76 03	46	69	6F		MARION G. LEIBY
CHARLOTTE HALL 1 ESE	1696	04	ST. MARYS	4	38 28	76 45	167	59	5F		GREEN MANOR FARM
CHESTERTOWN	1793	04	KENT	1	39 13	76 04	35	119	11F		T. W. ELLISON, JR.
CHESSVILLE BRIDGEPORT	1790	07	WASHINGTON	5	39 36	77 41	560	53	53		D. PAUL OSWALD
COLEMAN 3 WNW	1986	04	KENT	1	39 21	76 08	75	69	6F		W. S. HARRIS
COLLEGE PARK	1995	04	PRIN. GEORGES	5	39 15	76 56	70	59	5F	C, H	U.S. GEOL. SURVEY
CONOWINGO DAM	2060	04	HARFORD	6	39 35	76 10	40	119	11F		SUSQUEHANNA ELECTRIC CO.
CRISFIELD SOMERS COVE	2215	01	SOMERSET	1	37 59	75 42	8	59	5F		SOMERS COVE MARINA
CUMBERLAND	2280	07	ALLEGANY	5	39 39	79 45	920	69	7A		H. KEITH E. THOMAS
CUMBERLAND POLICE BRKS	2289	07	ALLEGANY	5	39 38	79 50	970	59	5F		MD. STATE POLICE
DENTON 1 WNW	2523	02	CAROLINE	1	38 24	75 41	40	69	6F	H	WAYNE AL. CANLEY
EASTON POLICE BARRACKS	2700	02	TALBOT	1	38 45	76 24	40	59	5F		MARYLAND STATE POLICE
EDGE MONT	2770	07	WASHINGTON	5	39 40	77 33	920	69	6F		JEE G. HARRIS
ELKTON	2860	04	CECIL	1	39 36	75 52	28	69	6F		MRS. LUCILLE K. BEALE
EMWITSBURG 2 SE	2904	06	FREDERICK	5	39 41	77 18	420	59	5F	H	H. FILTRATION PLANT
FORT GEORGE 6 WEADE	3230	04	ANNE ARUNDEL	4	39 08	76 45	140	59	5F		RADIO STATION WFMD
FREDERICK WFMD	3350	06	FREDERICK	5	39 25	77 28	436	69	6F		MISS I. MARY STALEY
FREDERICK 3 E	3395	06	FREDERICK	5	39 24	77 22	386	84			C. A. SUTER, JR.
FROSTBURG	3410	07	ALLEGANY	5	39 38	79 46	2035	7A	7A		PLANT INTRO. GARPEN
GLENN DALE BELL STA	3675	04	PRIN. GEORGES	4	38 58	76 49	191	49	4F		MRS. FANNIE B. MILLER
GRANDEVILLE	3705	08	GARRETT	7	39 42	79 03	2380	69	6F	C, H	HAGERSTOWN RESERVOIR
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	650	69	6F		DR. OF MD. FOUL LAB.
HARCOCK FRUIT LAB	4030	07	WASHINGTON	4	39 42	76 11	428	84	8A	C, H	C. W. RUSSELL LEWERS
LA PLATA 1 W	5260	03	CHARLES	3	38 32	77 07	162	59	5F		WASH. SUB. SAN. COMM.
LARSEL 3 W	5111	04	PRIN. GEORGES	4	39 06	76 54	400	59	5F	C, H	RADIO STATION WKIC
LEONARDTOWN 3 NW	5201	03	ST. MARYS	4	38 19	76 43	42	49	4F		CITY OF BALTIMORE
LOCK RAVEN DAM	5240	06	BALTIMORE	1	39 26	76 33	190	59	5F		DELWOOD E. WERRILL
MERRILL	5894	08	GARRETT	4	39 34	79 05	1700	64			LOUIS H. MOLTET
MILLINGTON	5985	08	KENT	1	39 16	75 41	30	69	6F		ARDIE BITTINGER
NEW GERMANY	6408	08	GARRETT	3	38 39	76 07	2590	69	6F		LOGAN WEBER
OAKLAND 1 SE	6525	08	GARRETT	7	39 24	76 24	2420	59	5F		IRA S. MANCOCK
OCEAN CITY HOTEL	6670	01	WORCESTER	2	38 21	75 05	14	70	7F		H. THOMAS J. BOURNE
OWINGS FERRY LANDING	6770	01	CALVERT	4	38 42	76 41	120	70	7F		JOHN R. FOX
PARKTON 2 SW	6844	04	BALTIMORE	1	39 38	76 42	600	119	11F		VETERANS ADMINISTRATION
PERRY POINT	6950	04	CECIL	1	39 33	76 04	40	69	6F		POTOMAC HLND. ORCHARD
PICARDY	7012	07	ALLEGANY	5	39 33	78 30	1030	69	6F		

I DRAINAGE CODE: 1-CHESAPEAKE 2-COASTAL 3-PATAPSCO 4-PATUXENT 5-POTOMAC 6-SUSQUEHANNA 7-YOUGHHOGENY

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 82° ON THE 10+ AT 2 STATIONS

LOWEST TEMPERATURE: 18° ON THE 31+ AT 2 STATIONS

GREATEST TOTAL PRECIPITATION: 6.29 INCHES AT DENTON 1 WNW, MARYLAND

LEAST TOTAL PRECIPITATION: 1.60 INCHES AT CRISFIELD SOMERS COVE, MARYLAND

GREATEST ONE-DAY PRECIPITATION: 4.10 INCHES ON THE 19TH AT PRESTON 1 S, MARYLAND

GREATEST REPORTED TOTAL SNOWFALL: TRACE AT 2 STATIONS

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the Weather Bureau State Climatologist, Weather Bureau Airport Station, Friendship International Airport, Baltimore, Maryland 21240, 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 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 in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

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 1831-1960.

DIVISIONS, as used in this publication, became effective with data for October 1856.

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 Index, but for which data are not listed in the tables, 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, MONTHLY 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.