



CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF COMMERCE
ALEXANDER B. TROWBRIDGE, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

MARYLAND AND DELAWARE

OCTOBER 1967

Volume 71 No. 10

CLIMATOLOGICAL 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		
										90° or More Below	32° or More Below	32° or More Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
MARYLAND																						
* * * SOUTHERN EASTERN SHORE 01																						
CRISFIELD SOMERS COVE																						
OCEAN CITY MOTEL																						
POCOMOKE CITY 1 S																						
PRINCESS ANNE	69.5	42.1	55.8		86	5	21	30	299	0	0	6	0	1.49		.63	26	.0	0	5	1	0
SALISBURY	70.0	46.1	58.1		87	4	32	30	241	0	0	1	0	1.36	- 2.14	.57	26	.0	0	5	1	0
SALISBURY FAA AIRPORT	67.4	43.1	55.3		86	4	29	30	314	0	0	6	0	1.54		.79	25	.0	0	5	1	0
SNOW HILL																						
DIVISION																						
			56.4	- 3.2										1.46	- 2.07		.0					
* * * CENTRAL EASTERN SHORE 02																						
BLACKWATER REFUGE	68.8	47.5	58.2		85	4	32	31+	239	0	0	2	0	1.33		.53	26	.0	0	4	1	0
CAMBRIDGE 4 W	67.7	44.7	56.2		86	5	29	30	281	0	0	4	0	1.50		.55	25	.0	0	4	1	0
DENTON 1 WNW	69.4	42.3	55.9		87	5	28	30	297	0	0	5	0	1.81		.91	10	.0	0	3	2	0
EASTON POLICE BARRACKS	69.8	46.3	58.1	- .2	88	5	31	30+	242	0	0	2	0	1.34	- 1.84	.84	26	.0	0	2	1	0
PRESTON 1 S	68.8	43.9	56.4		85	5+	29	30	288	0	0	4	0	1.50		.62	26	.0	0	3	1	0
ROYAL OAK	69.3	46.5	57.9		86	5+	30	30	238	0	0	2	0	1.79		1.22	25	.0	0	2	1	1
VIENNA	70.1	46.7	58.4		87	5+	33	31+	227	0	0	0	0	2.12		.95	26	.0	0	4	2	0
DIVISION																						
			57.3	- 1.5										1.63	- 1.60		.0					
* * * LOWER SOUTHERN 03																						
CHARLOTTE HALL SCHOOL	71.1M	42.6	56.9M		88	6+	29	29+	274	0	0	5	0	1.04		.66	25	.0	0	3	1	0
LA PLATA 1 W	69.1	42.9	56.0		88	5	29	29	289	0	0	6	0	1.93		.73	25	.0	0	4	2	0
LEONARDTOWN 3 NW																						
OWINGS FERRY LANDING	68.6	44.1	56.4	- 2.2	88	5+	32	30+	281	0	0	2	0	1.38	- 1.91	.72	25	.0	0	3	1	0
PRINCE FREDERICK																						
SOLOMONS	71.9M		M		86	5			282	0	0	0	0	1.13	- 1.98	.35	26	.0	0	4	0	0
WALDORF POLICE BRKS	70.5	42.5	56.5		88	5+	27	30	282	0	0	6	0	1.65		.71	25	.0	0	3	2	0
DIVISION																						
			56.5	- 2.3										1.43	- 1.94		.0					
* * * UPPER SOUTHERN 04																						
ANNAPOLIS	67.0	46.5	56.8	- 2.4	88	5	34	30+	270	0	0	0	0	1.56	- 1.07	.94	25	.0	0	3	1	0
BALTIMORE WB AIRPORT	66.9	43.6	55.3	- 1.7	89	5	31	30	318	0	0	3	0	1.34	- 1.84	.77	25	.0	0	3	1	0
BELTSVILLE	66.4	40.3	53.4		88	6	26	28	358	0	0	0	0	1.71		.76	26	.0	0	4	2	0
BELTSVILLE PLANT STA 5	66.5	41.0	53.8		84	6	27	29+	351	0	0	8	0	1.98		.86	26	.0	0	4	2	0
COLLEGE PARK	69.0	42.0	55.5	- 2.1	89	5	27	29	308	0	0	7	0	1.94	- 1.22	.80	25	.0	0	5	2	0
DALECARLIA RESVR D C	68.8	43.9	56.4		89	5	29	30	284	0	0	2	0	3.00		1.34	25	.0	0	5	2	1
FORT GEORGE G MEADE	69.5	41.7	55.6		88	5+	26	29	307	0	0	7	0	1.58		.75	25	.0	0	4	1	0
GLENN DALE BELL STA	69.2	40.3	54.8	- 2.0	87	5+	24	29	330	0	0	10	0	2.08	- 1.28	.94	25	.0	0	4	2	0
LAUREL 3 W	67.8	47.2	57.5		89	5	35	30+	258	0	0	0	0	1.72		.78	26	.0	0	3	2	0
NATIONAL ARBORETUM D C	69.3	44.4	56.9		90	5	32	30	271	1	0	1	0	2.25		1.02	25	.0	0	4	2	1
SUITLAND	65.9	45.6	55.8		86	6	33	20	303	0	0	0	0	2.18		.90	11	.0	0	4	2	0
U. S. SOLDIERS HOME DC	66.8	47.2	57.0		89	5	36	30+	269	0	0	0	0	2.26		.96	25	.0	0	3	2	0
UPPER MARLBORO 3 NNN	67.8	40.4	54.1		88	6	26	30+	344	0	0	8	0	1.98		1.11	26	.0	0	3	2	1
DIVISION																						
			55.6	- 2.1										1.97	- 1.17		.0					
* * * NORTHERN EASTERN SHORE 05																						
CENTREVILLE	68.5	43.6	56.1		86	5+	28	30+	289	0	0	4	0	1.86		.97	26	.0	0	3	2	0
CHESTERTOWN	68.1	45.3	56.7		89	5	32	30	273	0	0	1	0	1.92		.68	25	.0	0	3	3	0
COLEMAN 3 WNW	68.2	46.8	57.5	- 1.8	90	5	32	30	252	1	0	1	0	2.81	- .27	.94	26	.0	0	4	3	0
MILLINGTON	68.6	42.6	55.6	- 2.2	88	5	27	30	304	0	0	5	0	1.98	- 1.00	1.13	10	.0	0	3	2	1
ROCK HALL																						
DIVISION																						
			56.5	- 2.1										2.14	- .86		.0					
* * * NORTHERN CENTRAL 06																						
ABERDEEN PHILLIPS FLD	66.4	45.2	55.8		88	5	32	31+	301	0	0	2	0	1.57		.66	10	.0	0	3	2	0
BALTIMORE WB CITY	67.8	50.9	59.4	- .6	90	5+	41	20	214	2	0	0	0	1.38	- 1.87	.79	25	.0	0	3	1	0
BENSON POLICE BARRACKS	68.2	42.6	55.4		87	5+	28	30	311	0	0	5	0	1.29		.43	10	.0	0	5	0	0
BOYDS 2 NW	65.1	44.3	54.7		84	5	32	29+	325	0	0	2	0	2.70		1.04	18	.0	0	4	3	1
CANOWINGO DAM	64.9	43.2	54.1		87	5	30	30+	343	0	0	2	0	2.77		1.00	25	.0	0	3	3	1
ELKTON	68.1	43.7	55.9	- .6	88	5+	27	30	300	0	0	4	0	1.62	- 1.61	.72	26	.0	0	2	2	0
EMMITTSBURG 2 SE	66.4	39.4	52.9		85	5	23	29	373	0	0	9	0	3.45		1.16	25	.0	0	5	3	2
FREDERICK WFMD	65.1	44.5	54.8	- .8	85	5	28	29	329	0	0	4	0	3.67	.54	1.76	18	.0	0	4	3	2
PARKTON 2 SW	63.5	40.2	51.9		85	5	26	30	414	0	0	9	0	2.34		.91	25	.0	0	3	2	0
POCKVILLE	67.8	42.3	55.1		86	6+	27	30	318	0	0	6	0	2.03		.70	25+	.0	0	4	2	0
TOWSON																						

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
OCTOBER 1967

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	70° or Above	60° or Above					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
UNIONVILLE	64.0	39.2	51.6		83	5*	25	30	410	0	0	11	0	2.88		1.08	18	.0	0		3	3	1
WESTMINSTER 2 SSE	63.6	42.7	53.2	- 2.5	89	5*	26	30	379	0	0	7	0	3.02	-.44	1.00	26	.0	0		3	3	1
WHEATON REGIONAL PARK	64.9	42.0	53.5		85	5*	27	31	357	0	0	7	0	2.88		1.02	25	.0	0		5	3	1
WOODSTOCK	66.2	40.7	53.5	- 2.1	85	5*	23	30	356	0	0	9	0	1.97	- 1.30	.93	10	.0	0		3	2	0
DIVISION			54.4	- 1.9										2.40	-.92			.0					
* * *																							
APPALACHIAN MOUNTAIN																							
07																							
BOONSBORO	63.6	44.3	54.0		83	5	28	29	349	0	0	1	0	3.69		1.68	25	.0	0		3	3	2
CHEWSVILLE BRIDGEPORT	64.9	42.5	53.7	- 1.1	86	5	27	30*	356	0	0	3	0	3.54	.52	2.04	25	.0	0		3	3	1
CUMBERLAND	66.5	39.7	53.1		86	5*	27	29*	374	0	0	9	0	2.20		1.33	26	.0	0		4	1	1
CUMBERLAND POLICE BRKS	65.1	40.2	52.7		85	5*	23	29	387	0	0	8	0	2.66		1.56	25	.0	0		5	1	1
FROSTBURG																							
HAGERSTOWN	64.4	43.6	54.0		86	5	28	29	350	0	0	2	0	3.47		2.05	25	.0	0		3	3	1
HANCOCK FRUIT LAB	62.2	40.6	51.4		84	6	24	29	423	0	0	9	0	3.09	-.19	1.33	26	.0	0		5	3	1
PICARDY	64.8	41.2	53.0		92	5	24	29	383	1	0	8	0	3.20		1.58	25	.0	0		5	3	1
WESTERNPORT	67.3	41.4	54.4	- 1.6	87	5	25	29	338	0	0	7	0	2.16	-.80	1.25	25	.0	0		4	1	1
DIVISION			53.3	- 1.8										3.00	-.07			.0					
* * *																							
ALLEGHENY PLATEAU																							
08																							
BITTINGER 2 NW	56.8	37.5	47.2		73	5	23	29	545	0	0	10	0	2.93		1.05	25	T	0		4	3	1
OAKLAND 1 SE	61.5	35.2	48.4	- 2.2	77	5*	17	29	507	0	0	12	0	2.93	-.19	.86	25	T	0		5	3	1
SAVAGE RIVER DAM	59.9	37.0	48.5		79	6	21	29	506	0	0	13	0	2.21		.72	19	.0	0		6	2	1
SINES DEEP CREEK 2	61.3	35.5	48.4	-.9	77	3	18	29	506	0	0	12	0	2.93	-.17	1.15	19	.0	0		6	2	1
DIVISION			48.1	- 1.9										2.75	-.37			T					
DELAWARE																							
* * *																							
NORTHERN																							
01																							
MIDDLETOWN 1 WSW	68.3M	43.3M	55.8M		84	4	27	30*	293	0	0	4	0	2.11		.92	10	.0	0		3	2	0
NEWARK UNIVERSITY FARM	67.6	43.4	55.5		87	3	28	30	312	0	0	4	0	1.93		.78	26	.0	0		5	2	0
WILMGTON NCASTLE WB AP	65.7	43.7	54.7	- 1.9	87	5	30	30	327	0	0	2	0	2.05	-.86	.86	25	.0	0		4	3	0
WILMGTON PORTER RESVR	64.6	44.7	54.7		85	5	30	30	331	0	0	2	0	2.21	-.89	1.02	25	.0	0		3	2	1
DIVISION			55.2	- 2.0										2.08	- 1.06			.0					
* * *																							
SOUTHERN																							
02																							
BRIDGEVILLE 1 NW	68.1	39.6	53.9	- 4.1	86	5*	26	30*	349	0	0	10	0	2.49	-.70	.85	26*	.0	0		4	2	0
DOVER	68.7	46.0	57.4	- 1.3	88	5	32	30	265	0	0	1	0	1.90	- 1.37	.92	26	.0	0		4	2	0
GEORGETOWN 5 SW	68.1M	42.9M	55.3M		84	5	28	30*	297	0	0	6	0	2.55		1.25	25	.0	0		4	3	1
LEWES 1 SW	65.9	44.9	55.4		87	5	33	31	303	0	0	0	0	2.09		.88	25	.0	0		3	2	0
MILFORD 2 WSW	68.9M	43.5M	56.2M		86	5*	28	30	274	0	0	5	0	2.32		1.12	26	.0	0		3	3	1
SELBYVILLE	69.7	44.7	57.2		87	5	31	30	264	0	0	3	0	1.95		1.11	18	.0	0		3	2	1
DIVISION			55.9	- 2.5										2.22	- 1.18			.0					

SPECIAL WEATHER SUMMARY

October 1967 temperatures were on the cool side, averaging generally 1° to 4° below normal. Many stations reported their first killing frost by October 20. Rainfall totals were generally near normal to above normal from north-central Maryland westward and below normal elsewhere. Heaviest monthly total was 6.30 inches at the unpublished station, Catoctin Mountain Park, near Thurmont.

On the 18th, severe thunderstorm activity with some locally heavy rainfall and strong, gusty winds brought mostly minor damage to the two-state area by downing trees and power and telephone lines and by damaging homes and farm buildings. One verified tornado and possibly a second were reported in New Castle County, Delaware.

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DAILY PRECIPITATION

MARYLAND AND DELAWARE
OCTOBER 1967

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 WSW	2.11							.01	T	T	.92	T						T	.02	.37							.79		T						
NEWARK UNIVERSITY FARM	1.93							.02	T	.03	.55	.19				.03				.13	.20						.78								
WILMINGTON CASTLE WB AP	2.05	T					T	T		.10	.59									.50						.86		T							
WILMINGTON PORTER RESVR	2.21						T			.01	.69									.49						1.02									
* * * SOUTHERN 02																																			
BRIDGEVILLE 1 NW	2.49					T		.02		T	.85	.01								.30	.40					.06	.85								
DOVER	1.90							.01			.24									.54	.19						.92								
GEORGETOWN 5 SW	2.55							.05			.60										.19					1.25									
LEWES 1 SW	2.09							.06	.02		.44									.02	.65					.88						.02			
MILFORD 2 WSW	2.32							.02	T		.57	.01									.60					T	1.12								
SELBYVILLE	1.95							.10	T		.08										1.11						.06								

EVAPORATION AND WIND

Station		Day of Month																															Total for 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	
* * * UPPER SOUTHERN 04																																	
BELTSVILLE																																	
	EVAP	.14	.07	.15	.14	.16	.17	.08	.07	.10	.07	.02	.01	.14	.13	.04	.04	.11	.04	.10	.10	.13	.14	.09	.10	.03	.18	.09	.14	.09	.07	.07	3.01
	WIND	35	22	12	11	14	21	33	45	26	24	26	34	5	18	12	39	20	22	99	69	22	47	17	19	34	62	31	58	23	12	12	924
	MAX	67	66	73	80	83	86	68	65	64	74	62	62	55	65	63	62	75	71	72	56	62	73	65	64	60	63	61	72	67	59	60	66.9
	MIN	43	46	46	52	57	59	51	52	52	61	45	45	38	38	44	48	55	57	42	38	36	25	39	38	40	39	39	26	25	37	37	43.5
UPPER MARLBORO 3 NNW																																	
	EVAP	*	.11	.18	.10	.14	.12	.31	.05	-	.06	.01	.07	.04	.07	.05	.05	.08	*	.04	.18	.11	.11	.08	.06	.02	.08	.07	.14	.13	.08	.05	2.688
	WIND	14	13	4	3	7	8	13	10	3	14	9	8	0	3	4	5	7	2	47	21	11	9	2	4	4	25	4	18	3	1	1	277
	MAX	74	85	78	83	86	92	81	71	70	76	65	64	63	66	71	73	78	73	73	59	69	71	68	72	59	65	64	72	60	64	59	71.1
	MIN	49	45	45	52	57	59	51	53	48	61	46	47	40	44	46	40	57	50	42	32	34	32	37	38	42	40	38	34	30	38	37	44.2
* * * APPALACHIAN MOUNTAIN 07																																	
BOONSBORO																																	
	EVAP	.11	.07	.07	.07	.11	.12	.05	.04	.08	.00	.00	.06	.08	.04	.06	.05	.06	.07	.02	.07	.09	.06	.05	.05	.08	.04	.08	.06	.09	.01	.04	1.88
	WIND	26	5	5	5	12	18	4	31	23	20	12	4	6	24	16	37	24	31	54	20	23	10	12	26	48	13	24	22	7	11	10	583
	MAX	65	67	73	77	78	77	61	60	64	65	66	64	64	60	61	68	68	67	65	54	59	58	56	59	51	54	54	53	52	52	53	62.1
	MIN	52	47	54	58	60	61	60	47	55	55	54	46	43	46	49	53	54	60	45	39	41	41	40	44	51	41	41	39	38	38	41	48.2
* * * ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM																																	
	EVAP	.09	.15	.11	.09	.14	.17	.04	.00	.05	.03	.03	.16	.07	.07	.07	.07	.05	.06	*	*	.41	.13	.05	.09	*	.16	.06	.04	.04	.07	.06	2.56
	WIND	91	89	33	35	43	81	45	73	51	50	79	55	55	25	15	70	35	27	124	86	33	75	20	33	49	60	52	83	54	21	26	1668
	MAX	55	64	50	79	75	76	61	48	60	60	60	49	55	55	62	60	68	64	57	48	54	54	54	55	52	50	47	46	48	46	51	56.9
	MIN	43	44	42	50	54	58	46	45	48	52	47	42	37	36	46	47	53	53	40	35	35	35	35	37	39	39	33	37	35	33	36	42.3
* * * SOUTHERN 02																																	
GEORGETOWN 5 SW																																	
	EVAP	.30	.20	.10	*	.29	.21	.10	.01	.04	.19	.08	*	.15	.11	.11	.03	.09	.07	*	.30	.22	.05	.22	*	.33	.05	.06	.08	.07	.03	.06	3.55
	WIND	-	18	23	*	53	26	72	45	19	11	54	29	12	37	10	34	16	131	41	40	*	38	34	59	45	14	6	75	17	9	10188	

See Reference Notes Following Station Index

DAILY TEMPERATURES

MARYLAND AND DELAWARE
OCTOBER 1967

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																																	
WESTERNPORT	MAX	70	83	85	86	87	79	55	61	65	66	60	62	66	74	67	77	75	68	50	65	65	66	70	73	63	54	60	55	57	62	60	
	MIN	51	49	46	51	55	53	44	48	55	51	48	40	32	40	42	52	49	40	40	29	35	29	30	35	46	40	30	35	25	28	35	
* * *																																	
ALLEGHENY PLATEAU 08																																	
BITTINGER 2 NW	MAX	57	68	71	71	73	63	45	54	54	55	47	48	55	59	63	71	65	60	41	44	53	57	62	60	54	43	52	48	50	59	59	
	MIN	46	40	46	50	58	43	36	41	47	43	38	32	29	42	42	49	45	33	32	26	37	26	29	37	36	30	28	26	23	35	39	
OAKLAND 1 SE	MAX	62	72	76	77	77	63	50	65	59	55	49	53	64	64	74	73	70	60	41	56	55	60	68	65	59	45	58	50	58	65	65	
	MIN	49	32	37	40	51	49	39	46	49	45	40	38	23	40	34	42	39	36	34	27	30	20	23	28	37	29	28	30	17	24	34	
SAVAGE RIVER DAM	MAX	57	63	75	78	78	79	59	50	59	60	60	48	50	60	66	60	71	69	59	46	59	58	62	61	64	52	48	53	46	50	56	
	MIN	43	37	39	47	50	56	42	43	49	49	45	39	27	27	39	45	46	46	38	27	29	27	28	28	32	37	28	31	21	24	29	
SINES DEEP CREEK 2	MAX	67	71	77	75	76	64	52	64	59	56	50	52	62	62	73	71	70	63	42	55	55	58	68	66	60	45	55	50	53	65	65	
	MIN	47	33	39	41	46	51	41	41	50	47	42	39	27	40	33	45	40	36	35	24	30	22	25	29	31	34	30	18	25	32		
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX	69	78	82	84	83	82	63	65	77	73	64	60	63	60	69	76	76	71	69	58			65	64	73	63	65	58	55	57	60	
	MIN	48	46	49	54	58	58	47	51	50	56	43	42	34	37	38	49	53	59	43	34			30	34	54	34	35	37	27	27	29	
NEWARK UNIVERSITY FARM	MAX	65	72	87	85	86	83	62	62	76	72	63	60	64	57	68	73	74	71	70	59	65	64	65	65	71	62	64	58	55	58	60	
	MIN	46	41	48	55	59	58	48	48	58	56	43	44	37	37	41	53	54	60	45	32	37	35	34	35	50	35	33	34	29	28	31	
WILMGTN NCASTLE WB AP	MAX	66	72	81	84	87	70	62	64	75	66	63	60	62	59	66	72	75	70	59	57	66	62	63	65	71	55	62	53	54	57	60	
	MIN	45	43	48	57	59	52	50	52	60	50	45	42	39	41	44	54	53	48	41	34	41	37	37	38	44	37	37	34	31	30	33	
WILMGTN PORTER RESVR	MAX	62	73	80	83	85	70	56	61	74	65	65	63	60	58	67	72	73	68	57	58	64	60	63	63	70	52	61	52	52	56	60	
	MIN	48	46	53	58	62	48	44	50	57	50	46	45	41	41	43	50	52	48	42	42	41	40	42	41	44	40	37	36	32	30	37	
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	69	73	79	86	86	72	63	65	74	69	64	60	63	64	70	77	78	71	69	59	68	62	64	70	75	64	65	57	56	58	60	
	MIN	44	36	42	51	57	54	47	45	56	52	42	40	32	34	36	40	45	54	40	30	38	29	29	32	47	31	31	34	26	26	27	
DOVER	MAX	68	73	81	87	88	86	63	64	75	75	64	62	63	62	68	77	75	71	70	60	68	65	65	65	72	64	65	62	55	57	61	
	MIN	48	43	52	59	62	61	51	54	60	61	49	48	40	40	42	46	52	59	43	36	42	37	35	39	53	38	37	40	34	32	34	
GEORGETOWN 5 SW	MAX	65	73	78	84	86	76	70	65	75	75	74			59	69	75	76	71	67	59	66			64	69	72	66	61	58	57	59	
	MIN	45	39	55	57	56	53	47	61	59	45			34	36	38	42	49	60	45	32			30	30	52	34	33	40	28	28	29	
LEWES 1 SW	MAX	71	72	80	84	87	70	67	67	67	68	62	59	60	64	66	73	74	69	60	60	69	58	62	65	69	60	62	55	53	53	58	
	MIN	45	51	49	57	60	50	54	53	53	55	47	46	40	38	41	47	54	60	43	34	39	37	34	38	50	38	37	40	35	34	33	
MILFORD 2 WSW	MAX	69	72	80	86	86	76	63	65	74	70	64	60	62	62	68	77	78	70	62	59	67	63	64	66	72							
	MIN	45	38	49	56	59	58	51	58	61	56	44	44	34	35	39	42	48	60	43	31	41	33	32	34	50	34						
SELBYVILLE	MAX	72	74	80	86	87	82	65	66	77	77	66	62	65	65	69	76	75	70	68	68	68	65	65	70	71	67	64	65	57	57	62	
	MIN	45	41	46	58	60	60	54	53	62	62	47	43	36	36	39	45	52	61	43	38	38	34	34	36	56	36	34	42	32	31	32	

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	100-199	200 and over			Total
							1 AM	7 AM	1 PM	7 PM									
BALTIMORE WB AIRPORT MD	27	2.4	8.8	38	W	18	83	87	56	71	4	0	2	1	0	0	7	53	5.5
WILMINGTON NCASTLE WB AP DEL	27	2.2	7.9	33++	18	18	87	87	57	74	7	0	1	3	0	0	11	-	5.7

REFERENCE NOTES

MARYLAND AND DELAWARE
OCTOBER 1967

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 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 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 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.

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