

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

# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

NOVEMBER 1962

Volume 66      No. 11



ASHEVILLE: 1963

MARYLAND AND DELAWARE - NOVEMBER 1962

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 68° on the 16th at La Plata 1 W, Md. , and Leonardtown 3 NW Md.

Lowest Temperature: 11° on the 26th at Oakland 1 SE, Md.

Greatest Total Precipitation: 7.75 inches at Prince Frederick, Md.

Least Total Precipitation: 2.29 inches at Savage River Dam, Md.

Greatest One-day Precipitation: 3.48 inches on the 10th at Edgemont, Md.

Greatest Reported Total Snowfall: 5.4 inches at Bittinger 2 NW, Md.

Greatest Reported Depth of Snow on Ground: 4 inches on the 4th at Edgemont, Md.

SPECIAL WEATHER SUMMARY

Four major rainstorms combined to make this the wettest month in 1962 over central and southeastern Maryland, and in many places the wettest since September 1960, with three stations reporting over 7". Two major coastal storms, on the 3d and from the 27th to the end of the month, caused considerable damage along the Atlantic coastal beaches, especially in Delaware. Of particular importance, because of its long duration, was the latter which lasted well into December. A semi-stationary low center off the Florida-South Carolina coast combined with a high pressure area over northeastern United States to bring fresh northeasterly winds, high tides, and pound-

ing waves to move or remove much of the man-deposited sand laid down to repair the damage of the March 1962 Storm.

Of scientific interest was an unusual storm on the 9th-10th as the low center followed a rare path along the ridge of the Appalachian Mountains bringing quite strong winds and heavy driving rains.

A. Delbert Peterson  
State Climatologist  
WBAS Friendship Int'l AP  
Baltimore 40, Maryland

# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE  
NOVEMBER 1962

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	32° or Below	37° or Below	30° or Below					Total	Total	Max. Depth on Ground	Date	10 or More	30 or More	100 or More
MARYLAND																								
SOUTHERN EASTERN SHORE																								
CRISFIELD HAMMOCK PT	53.9	40.2	47.1	- 4.1	64	30+	30	7	529	0	0	2	0	7.31	4.07	1.51	18		0	0	10	5	4	
POCOMOKE CITY 1 S	55.2	34.4	44.8		66	17	20	7	598	0	0	14	0	6.79		1.65	10		0	0	7	5	4	
PRINCESS ANNE	55.5	35.2	45.4		65	17	22	7	581	0	0	12	0	6.62		1.70	10		0	0	10	4	4	
SALISBURY	55.3	37.0	46.2		66	17	24	7	556	0	0	11	0	5.92	2.71	1.54	10		0	0	8	4	3	
SALISBURY FAA AIRPORT	53.5	35.9	44.7		65	22	24	7	604	0	0	12	0	5.18		1.02	18		0	0	7	6	1	
SNOW HILL	54.8	35.1	45.0	- 3.4	66	17	22	7	592	0	0	13	0	6.88	3.33	1.53	3		T	0	7	5	3	
DIVISION																								
CENTRAL EASTERN SHORE																								
BLACKWATER REFUGE	53.3	38.0	45.7		62	30+	28	25+	574	0	0	3	0	5.85		1.42	10		0	0	6	5	2	
CAMBRIDGE 4 W	53.5	35.6	44.6		64	17+	24	7	605	0	0	10	0	6.48		1.96	10		0	0	7	6	3	
EASTON POLICE BARRACKS	54.5	35.5	45.0	- 2.9	64	10	25	7	594	0	0	12	0	5.83	2.30	1.87	10		0	0	7	5	3	
PRESTON 1 S	53.2	35.1	44.2		63	10	23	7	616	0	0	12	0	5.40		1.68	10		T	0	6	5	2	
ROYAL OAK	54.0	36.4	45.2		65	29	27	7	585	0	0	7	0	6.15		1.70	10		T	0	6	5	3	
VIENNA	54.8	36.9	45.9		65	11+	25	7	565	0	0	8	0	5.96		1.66	10		0	0	6	5	3	
DIVISION																								
LOWER SOUTHERN																								
CHARLOTTE HALL 1 ESE	53.7	34.8	44.3		63	10	26	7	614	0	0	13	0	6.16		1.93	10		1.0	1	5	9	5	3
LA PLATA 1 W	55.3	33.4	44.4		68	16	23	7	615	0	0	15	0	7.31		2.15	10		0.3	T	5	7	5	3
LEONARDTOWN 3 NW	54.7	34.9	44.8		68	16	22	7	598	0	0	14	0	7.00		1.55	3		0.0	0	0	7	5	3
OWINGS FERRY LANDING	52.6	35.3	44.0	- 4.2	64	30	24	7	623	0	0	11	0	6.49	3.26	1.83	10		0.5	1	5	7	5	3
PRINCE FREDERICK	54.0M	33.5M	43.8M		66	17	24	7	641	0	0	13	0	7.75		2.00	10		T	0	6	9	6	4
SOLOMONS	53.0	41.0	47.0	- 3.4	61	22	34	19	530	0	0	0	0	6.68	3.35	1.80	3		T	0	7	5	2	
WALDORF POLICE BRKS	53.9	32.2	43.1		66	10	20	7	653	0	0	21	0	6.81		2.02	10		0.0	0	7	5	3	
DIVISION																								
UPPER SOUTHERN																								
ANNAPOLIS 2 WNW	52.1	33.9	43.0	- 5.1	62	10	24	7	650	0	0	14	0	4.36	1.58	1.15	21		0.0	0	7	5	2	
BALTIMORE WB AIRPORT R	51.2	31.8	41.5	- 4.0	61	30+	22	7	700	0	0	17	0	6.50	3.37	1.40	3		0.0	0	8	6	3	
BELTSVILLE	51.5	31.6	41.6		63	17	21	7	694	0	0	19	0	6.03		1.92	10		0.0	0	9	4	2	
BELTSVILLE PLANT STA 5	52.4	31.4	41.9		64	17	20	7	685	0	0	15	0	5.62		1.78	10		3.5	0	8	4	2	
COLLEGE PARK	53.6	33.4	43.5	- 3.1	65	16	22	7	636	0	0	15	0	5.86	2.77	1.92	10		T	0	7	5	2	
DALECARLIA RESERVOIR DC	52.9	36.0	43.5		65	16	25	7	638	0	0	14	0	5.59		1.70	10		T	0	7	5	2	
FORT GEORGE G MEADE	53.9	32.1	43.0		66	30	20	7	654	0	0	19	0	6.14		1.95	10		T	0	6	4	3	
GLENN DALE BELL STA	54.3	31.2	42.8	- 3.1	64	16	20	7	660	0	0	18	0	6.29	3.07	1.92	10		1.5	0	6	5	3	
LAUREL 3 W	53.0	36.7	44.9		64	30	30	26+	596	0	0	8	0	6.92		2.40	10		0.0	0	8	4	2	
NATIONAL ARBORETUM D C	53.7	35.9	44.8		66	16	28	19+	600	0	0	9	0	4.88		1.94	10		1.0	0	6	4	2	
U S SOLDIERS HOME D C	50.6	34.2	42.4		63	16	27	19	672	0	0	11	0	5.72		1.20	9		0.5	0	7	6	1	
UPPER MARLBORO 3 NNW	52.9	31.8	42.4		64	17	21	7	673	0	0	18	0	6.12		1.67	10		T	0	8	4	2	
WASHINGTON WB CITY DC R	51.7M	35.9M	43.8M		65	16	28	7	634	0	0	5	0	5.03		1.20	9		0.0	0	7	5	1	
DIVISION																								
NORTHERN EASTERN SHORE																								
CENTREVILLE	53.1	34.6	43.9		62	29+	23	7	627	0	0	12	0	7.33		1.78	10+		T	0	6	5	4	
CHESTERTOWN	52.9	35.4	44.2		62	11	27	7	619	0	0	8	0	5.89		1.50	3		T	0	7	5	3	
COLEMAN 3 WNW	52.4	37.3	44.9	- 3.1	60	30+	28	7	596	0	0	5	0	6.43	3.02	2.11	3		0.0	0	5	4	3	
MILLINGTON	53.1	33.2	43.2	- 3.9	64	10	20	7	647	0	0	15	0	5.19	1.69	1.98	22		0.0	0	5	4	2	
ROCK HALL 3 SE	52.5	36.8	44.7	- 2.6	63	1	29	19+	607	0	0	4	0	5.96	2.83	1.95	3		0.0	0	8	4	3	
DIVISION																								
NORTHERN CENTRAL																								
BALTIMORE WB CITY R	52.7	39.4	46.1	- 2.7	64	29	32	26+	561	0	0	3	0	6.14	3.04	1.23	10				7	6	3	
BENSON POLICE BARRACKS	52.3	31.7	42.0		65	30	21	7	684	0	0	22	0	6.01		1.88	10		T	0	18	6	4	4
BOYDS 2 NW	52.7	33.4	43.1		61	16+	22	7	650	0	0	11	0	4.41		1.02	10		T	0	6	5	1	
COWINGO DAM	51.5	33.8	42.7		62	10	26	30+	663	0	0	14	0	5.03		1.36	10		0.0	0	6	4	3	
EDGEWOOD ARSENAL	51.8	32.5	42.2		63	29	23	7	679	0	0	18	0	5.11		1.25	3		0.0	0	6	6	1	
ELKTON	52.2	33.5	42.9	- 2.5	63	30	22	7	657	0	0	16	0	6.01	2.46	1.94	10		0.0	0	6	4	3	
EMMITSBURG 2 SE	50.9	29.8	40.4		60	30+	18	7	732	0	0	23	0	4.30		1.05	3		T	0	18+	8	4	2
FREDERICK WB AIRPORT R	50.8	31.5	41.2	- 3.0	62	30	22	26+	708	0	0	18	0	4.25	1.32	1.03	18		T	0	0	7	5	1
PARKTON 2 SW	50.0	31.2	40.6		63	30	22	7	724	0	0	22	0	5.09		1.38	10		2.0	0	3	6	4	3
ROCKVILLE	53.3	36.0	44.7		64	16	26	7	592	0	0	10	0	3.77		1.97	10		0.0	0	5	2	2	
TOWSON	53.5	33.0	43.3		66	29	22	7	645	0	0	17	0	6.39	2.98	2.74	10		T	0	6	4	2	
UNIONVILLE	51.1	29.3	40.2		63	1	18	30	738	0	0	21	0	4.20		1.11	10		T	0	18+	7	3	1
WESTMINSTER	49.0	32.7	40.9	- 3.8	60	29	23	26+	717	0	0	18	0	4.07	.78	1.13	10		3.0	0	1	4	8	4
WHEATON REGIONAL PARK	52.4	31.4	41.9		63	16	21	7	683	0	0	18	0	5.25		1.75	10		T	0	0	7	4	2
WOODSTOCK	51.6	31.8	41.7	- 2.8	63	29	20	7	691	0	0	19	0	5.28	2.19	1.97	10		T	0	5+	6	4	2
DIVISION																								
APPALACHIAN MOUNTAIN																								
BOONSBORO	50.7	33.1	41.9		60	29	24	27	686	0	0	17	0	4.43		.98	10		3.2	3	3	8	5	0
CHEWSVILLE BRIDGEPORT	49.9	32.2	41.1	- 2.5	61	10	22	30+	711	0	0	19	0	3.65	1.03	1.23	10		2.0	0	2	3	7	3
CUMBERLAND	49.4	32.2	40.8		64	15	18	27	719	0	0	16	0	3.28		1.43	10		T	0	6	2	1	
CUMBERLAND POLICE BRKS	50.1	29.9	40.0		63	15	15	27	741	0	0	20	0	2.95		1.03	10		0.0	0	0	5	2	
FROSTBURG	47.2	30.6	38.9	- 2.8	62	22	21	26	774	0	0	21	0	3.28	.67	1.65	10		1.5	0	23+	6	1	
HAGERSTOWN	49.5	33.5	41.5</																					

# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE  
NOVEMBER 1962

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		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										99° or Above	95° or Above	32° or Below	32° or Below										
ALLEGHENY PLATEAU																							
BITTINGER 2 NW	43.7	28.8	36.3		56	17+	17	26	853	0	0	23	0	2.84		.74	10	5.4	3	18	8	2	0
OAKLAND 1 SE	46.1	28.0	37.1	- 2.2	58	30+	11	26	831	0	0	24	0	3.63	.49	1.34	10	3.0	1	19+	8	1	0
SAVAGE RIVER DAM	46.6	29.3	38.0		59	22+	16	27	804	0	0	20	0	2.29	.91	1.0	10	.0	0	6	1	0	0
SINES DEEP CREEK	47.1	28.7	37.9	- 0.2	60	18	14	27	808	0	0	22	0	3.20	.13	.76	10	T	T	23+	7	3	0
DIVISION			37.3	- 1.3										2.99	.01			2.1					
DELAWARE																							
NORTHERN																							
MIDDLETOWN 2 S	53.2	32.0	42.6		60	30	24	15	666	0	0	17	0	5.38		1.72	10	.0	0				
NEWARK UNIVERSITY FARM	51.6	32.0	41.8		62	10+	21	7	689	0	0	18	0	5.40		1.94	10	T	0		5	4	3
WILMINGTON NCASTLE WB AP	51.2	33.7	42.5	- 2.9	62	30+	24	7	672	0	0	14	0	4.87	1.34	1.36	3	T	T	20	6	5	2
WILMINGTON PORTER RESVR	50.0	34.6	42.3		61	30+	27	7	674	0	0	11	0	5.47	1.80	1.55	3	T	0		6	5	3
DIVISION			42.3	- 3.7										5.28	1.80			T					
SOUTHERN																							
BRIDGEVILLE 1 NW	52.8	34.5	43.7	- 3.8	63	22+	22	7	632	0	0	13	0	5.35	2.14	1.46	22	.0	0		7	4	2
DOVER	53.5	34.7	44.1	- 3.8	63	29	25	7	620	0	0	12	0	5.01	1.34	1.60	22	.0	0		5	4	3
GEORGETOWN 5 SW	53.6	34.6	44.1		65	22	22	7	620	0	0	13	0	5.86		1.68	10	.0	0		8	4	3
LEWES 1 SW	52.6	37.6	45.1		65	8	26	7	591	0	0	6	0	5.49		1.81	3	.0	0		6	5	2
MILFORD 3 WNW	53.6M	31.8M	42.7M		63	22+	21	8+	662	0	0	17	0	5.30		1.48	22	.0	0		5	4	3
SELBYVILLE	53.9	36.0	45.0		65	22	23	7	589	0	0	12	0	6.41		2.07	3	.0	0		7	4	4
DIVISION			44.1	- 3.8										5.57	2.00			.0					

See Reference Notes Following Station Index



# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
NOVEMBER 1962

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																																
ANNAPOLIS 2 WNW	MAX	57	53	48	49	43	41	53	58	55	62	61	51	48	54	59	58	54	51	44	44	46	55	56	55	44	46	47	52	60	59	52.1
	MIN	36	31	36	30	34	31	24	37	42	46	31	29	31	33	28	33	44	36	29	33	35	39	31	32	29	30	31	39	39	39	33.9
BALTIMORE WB AIRPORT	MAX	58	52	46	50	42	47	54	58	57	61	59	50	46	52	57	56	52	45	43	42	48	53	45	52	42	45	47	54	61	61	51.2
	MIN	35	30	37	30	30	27	22	34	39	42	33	27	31	30	25	32	41	34	27	32	38	35	29	28	25	29	32	35	33	33	31.8
BALTIMORE WB CITY	MAX	56	52	46	47	46	50	54	59	58	61	59	54	48	53	59	57	54	48	44	46	51	55	47	54	44	46	50	56	64	63	52.7
	MIN	41	40	36	36	35	38	32	43	47	44	42	38	42	40	36	44	48	36	32	38	44	38	36	41	37	32	36	40	42	42	39.4
BELTSVILLE	MAX	47	55	53	42	49	41	47	56	61	62	54	58	53	47	52	58	63	54	42	44	46	55	54	45	52	44	46	49	55	61	51.5
	MIN	34	26	36	29	31	27	20	28	36	45	44	25	30	27	23	30	43	39	24	33	35	44	32	30	25	26	31	34	33	28	31.6
BELTSVILLE PLANT STA 5	MAX	48	57	53	43	50	40	48	55	61	62	55	60	53	49	53	58	64	54	43	44	46	55	55	51	58	44	45	49	55	63	52.4
	MIN	35	26	35	28	33	26	21	31	36	46	42	25	30	26	25	29	45	38	24	32	34	45	32	28	25	25	33	31	29	26	31.4
BENSON POLICE BARRACKS	MAX	56	52	48	48	46	46	54	61	54	60	63	55	47	51	55	57	53	51	42	43	47	54	48	53	44	46	50	55	64	65	52.3
	MIN	36	27	34	30	31	30	21	32	36	44	42	30	32	29	28	32	43	32	28	33	45	30	29	25	27	27	31	32	29	31.7	
BITTINGER 2 NW	MAX	39	44	36	37	36	40	55	47	43	43	41	44	36	44	56	52	56	49	35	33	55	48	37	45	34	36	43	44	51	53	43.7
	MIN	27	24	30	28	31	22	22	37	36	32	36	25	31	31	29	38	44	28	22	28	32	24	20	26	22	17	24	30	33	34	28.8
BLACKWATER REFUGE	MAX	54	54	50	48	48	44	52	58	56	62	58	58	49	50	54	61	58	58	42	44	50	60	54	52	52	44	52	56	60	62	53.3
	MIN	46	34	41	39	36	36	28	38	42	50	49	35	33	38	31	36	41	42	33	34	43	50	35	33	28	34	38	42	40	35	38.0
BOONSBORO	MAX	53	52	46	45	45	47	57	55	54	59	54	49	45	50	58	56	53	48	40	44	51	53	45	49	45	45	49	58	60	56	50.7
	MIN	30	26	34	30	36	31	27	43	42	45	43	29	32	38	30	35	45	32	25	33	36	37	30	35	27	27	24	29	29	28	33.1
BOYDS 2 NW	MAX	56	52	48	50	47	48	55	60	61	55	54	57	50	51	59	61	47	48	50	51	54	54	48	51	47	45	48	55	59	60	52.7
	MIN	33	35	37	28	32	34	22	38	34	38	37	29	33	38	31	35	46	30	25	36	40	41	31	33	33	25	29	31	34	33	33.4
CAMBRIDGE 4 W	MAX	57	56	48	49	42	46	55	60	58	64	60	52	49	52	54	63	64	59	42	45	52	59	49	53	42	45	52	55	62	61	53.5
	MIN	42	31	41	36	34	30	24	36	39	48	46	35	30	38	27	32	39	39	32	31	39	48	34	29	27	33	35	37	37	38	35.6
CENTREVILLE	MAX	57	55	49	50	43	47	55	58	57	62	58	53	48	51	55	57	56	53	54	44	51	59	48	53	47	47	52	60	62	61	53.1
	MIN	41	28	38	34	36	31	23	38	37	42	47	30	30	31	32	30	41	38	30	31	33	48	38	36	26	30	36	36	34	34	34.6
CHARLOTTE HALL 1 ESE	MAX	51	56	50	51	47	45	56	59	56	63	60	55	51	53	59	61	60	55	44	46	51	60	52	54	51	44	49	52	59	61	53.7
	MIN	40	31	39	31	32	33	26	37	43	49	48	32	30	35	29	34	40	29	27	29	40	40	32	33	28	30	36	41	35	36	34.8
CHESTERTOWN	MAX	61	55	45	52	44	51	55	60	57	61	62	55	47	52	58	57	56	45	43	44	51	58	49	55	43	46	50	55	60	61	52.9
	MIN	38	33	36	33	35	31	27	42	41	44	42	32	35	32	30	35	44	36	29	34	40	39	35	36	30	30	34	38	37	33	35.4
CHEWSVILLE BRIDGEPORT	MAX	51	53	46	44	46	47	55	54	50	61	54	49	46	51	56	53	49	46	41	43	52	52	44	49	44	44	49	54	59	56	49.9
	MIN	31	29	32	30	35	33	22	42	40	46	44	26	31	40	27	31	44	36	25	32	34	38	31	35	25	26	26	31	26	22	32.2
COLEMAN 3 WNW	MAX	58	53	50	48	46	48	55	59	54	60	57	51	51	50	55	53	55	50	50	43	48	55	50	53	52	46	48	54	60	60	52.4
	MIN	41	35	38	35	37	35	28	39	44	48	46	35	35	35	35	36	46	37	31	32	35	48	37	33	31	32	35	38	41	40	37.3
COLLEGE PARK	MAX	56	53	49	51	47	48	55	61	55	62	59	54	49	54	59	65	59	52	44	46	53	56	48	52	47	46	49	54	63	62	53.6
	MIN	38	28	36	30	32	29	22	33	38	47	45	27	32	28	26	31	46	37	27	35	37	48	34	32	26	28	34	36	33	28	33.4
CONOWINGO DAM	MAX	55	52	45	47	55	55	52	59	56	62	54	50	42	44	50	55	52	46	40	43	46	53	54	51	47	49	48	54	59	55	51.5
	MIN	35	32	35	31	33	30	26	35	36	44	41	31	49	52	52	52	44	35	32	32	38	38	36	32	26	31	34	35	34	26	33.8
CRISFIELD HAMMOCK PT	MAX	54	58	51	50	47	45	53	58	60	62	62	54	50	51	51	57	60	56	44	48	50	58	52	53	52	46	54	53	64	64	53.9
	MIN	45	39	44	41	35	37	30	46	44	54	51	36	36	42	38	37	46	35	35	35	42	49	38	34	31	36	41	46	43	41	40.2
CUMBERLAND	MAX	46	53	45	42	43	48	56	53	50	56	51	46	48	50	64	59	52	48	42	43	52	51	46	50	43	43	49	44	55	54	49.4
	MIN	35	25	34	33	37	32	22	46	40	46	45	28	32	40	29	40	47	34	27	34	30	32	30	35	24	25	18	21	22	22	32.2
CUMBERLAND POLICE BRKS	MAX	48	51	51	43	45	48	56	60	54	51	51	47	48	50	63	61	57	49	43	42	56	52	48	51	41	43	47	44	49	54	50.1
	MIN	32	24	24	32	37	30	21	45	37	45	46	26	31	25	28	37	47	35	25	33	30	37	31	31	22	19	15	18	18	17	29.9
DALECARLIA RESERVOIR D C	MAX	50	53	45	50	47	47	55	60	55	64	58	53	48	52	59	65	55	53	44	46	52	55	48	52	48	45	49	55	62	62	52.9
	MIN	34	30	37	32	33	30	25	35	34	47	45	31	34	31	30	33	46	36	29	36	40	47	34	31	29	28	32	34	29	28	34.0
EASTON POLICE BARRACKS	MAX	57	56	50	50	47	47	55	59	57	64	61	60	50	52	54	60	61	58	45	45	51	60	53	54	48	46	53	56	63	62	54.5
	MIN	38	32	40	34	34	31	25	40	40	49	42	33	31	28	28	34	41	40	31	31	42	49	35	32	29	32	32	39	36	36	35.5
EDGEWOOD ARSENAL	MAX	58	53	46	50	46	47	51	58	58	62	59	51	48	51	56	53	54	44	43	43	51	55	46	53	44	46	49	56	63	61	51.8
	MIN	33	29	37	31	30	27	23	34	39	46	34	28	29	26	26	31	44	35	30	31	41	39	32	30	27	28	31	36	35	30	32.5
ELKTON	MAX	58	53	50	49	47	48	54	62	56	62	56	54	46	50	53	56	53	50	42	42	48	54	47	54	43	47	50	56	62	63	52.2
	MIN	39	29	38	39	30	29	22																								

# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
NOVEMBER 1962

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	
OWINGS FERRY LANDING	MAX	55	53	50	51	45	45	55	58	55	62	60	53	48	54	57	61	55	50	44	45	51	58	47	55	43	45	48	52	59	64	52.6
	MIN	37	29	37	31	32	32	24	40	41	48	47	33	32	35	28	33	42	37	29	36	42	45	32	37	28	29	36	40	33	35	35.3
PARKTON 2 SW	MAX	55	51	40	45	44	45	53	58	55	60	57	51	45	50	55	55	50	43	40	43	46	50	44	50	42	44	50	55	62	63	50.0
	MIN	32	30	32	30	32	28	22	37	37	42	33	30	32	32	27	36	41	32	27	30	37	34	30	29	26	24	24	29	29	31	31.2
PICARDY	MAX	48	51	45	41	41	48	59	55	52	50	51	45	45	50	53	58	51	47	41	42	53	50	46	48	42	43	47	48	56	57	48.8
	MIN	29	27	32	28	36	29	21	43	44	44	45	25	32	40	28	32	40	28	24	34	28	36	26	32	24	16	22	24	24	24	31.2
POCOMOKE CITY 1 S	MAX	57	59	51	49	45	47	54	61	59	63	62	54	51	51	55	64	66	55	49	47	54	65	51	57	47	49	55	56	62	61	55.2
	MIN	38	32	36	38	27	31	20	34	32	49	48	30	31	28	27	30	37	42	30	31	39	42	33	28	28	35	37	36	44	40	34.4
PRESTON 1 S	MAX	56	55	50	49	44	46	55	61	58	63	59	54	49	51	53	60	62	53	45	46	51	60	45	53	44	46	51	56	62	60	53.2
	MIN	41	30	39	33	33	32	23	37	40	46	47	31	30	32	30	32	39	40	30	34	42	43	35	32	27	31	35	40	34	35	35.1
PRINCE FREDERICK	MAX				51		46		59	55		62	61	55	55	55	58	66	60	45	45		60	47	54	42	44	49	52	59	62	54.0
	MIN				30		28		24			48	48	38	31	34	40	36	40	28	33		38	30	28	29	27	29	32	38	37	33.5
PRINCESS ANNE	MAX	57	57	52	50	48	47	55	61	61	64	61	58	50	52	53	63	65	60	45	48	53	64	54	56	50	46	54	55	64	62	55.5
	MIN	39	29	41	37	30	28	22	38	37	50	49	29	30	29	25	30	37	41	30	33	39	50	33	29	27	34	41	41	41	38	35.2
ROCK HALL 3 SE	MAX	63	52	47	48	45	48	51	54	56	62	61	51	48	52	56	54	55	53	43	43	50	56	54	55	53	45	48	53	59	59	52.5
	MIN	31	35	37	34	37	35	29	42	44	46	45	33	36	35	34	36	45	37	29	34	37	47	36	35	34	31	36	39	38	37	36.8
ROCKVILLE	MAX	54	53	51	46	47	48	55	60	58	61	57	55	51	51	57	64	63	53	44	44	49	54	52	51	50	44	47	55	63	62	53.3
	MIN	37	35	34	32	32	31	26	39	43	42	45	31	37	37	34	37	47	36	29	35	41	50	31	35	31	29	32	35	37	39	36.0
ROYAL OAK	MAX	59	58	50	50	43	48	56	57	57	62	62	53	49	53	55	60	63	55	44	45	50	58	51	54	46	47	56	55	65	60	54.0
	MIN	41	33	41	33	34	33	27	40	41	49	48	33	32	35	30	34	40	41	32	34	41	49	35	32	28	32	34	39	36	36	36.4
SALISBURY	MAX	59	51	52	51	45	47	57	62	61	64	62	56	51	53	55	63	66	59	45	49	53	64	53	56	48	46	51	55	61	61	55.3
	MIN	40	32	43	39	32	30	24	37	40	51	50	32	33	32	30	33	32	39	41	30	34	41	51	34	31	29	35	41	41	39	37.0
SALISBURY FAA AIRPORT	MAX	57	54	52	48	42	44	56	60	63	63	59	53	49	50	53	62	64	54	43	48	60	65	45	53	44	46	50	53	57	57	53.5
	MIN	33	30	40	31	31	27	24	39	39	51	42	32	32	34	31	32	39	38	31	33	42	39	31	33	30	37	44	48	43	42	35.9
SAVAGE RIVER DAM	MAX	47	44	47	41	44	43	44	58	52	55	48	45	41	41	49	59	57	52	44	39	39	59	45	52	42	38	39	42	43	48	46.6
	MIN	32	23	26	33	35	30	20	23	39	40	42	29	32	38	29	31	43	42	28	29	33	36	28	27	21	18	16	18	19	19	29.3
SINES DEEP CREEK	MAX	48	41	49	46	45	45	46	56	49	53	53	44	38	38	45	57	55	60	45	39	42	56	50	43	49	37	40	45	45	53	47.1
	MIN	30	26	23	30	30	30	23	19	34	37	36	38	30	32	27	26	35	40	38	25	32	40	27	23	24	21	14	17	25	23	28.7
SNOW HILL	MAX	57	57	53	49	44	46	55	62	60	62	60	54	51	51	55	64	66	59	46	47	54	65	52	55	47	48	53	55	59	59	54.8
	MIN	39	28	40	37	28	28	22	33	37	47	50	30	31	28	27	30	37	40	29	33	38	50	31	28	27	35	42	46	42	40	35.1
SOLOMONS	MAX	56	55	49	50	48	46	54	60	57	60	60	54	50	53	58	55	56	53	43	46	52	61	48	54	49	45	52	53	58	56	53.0
	MIN	42	41	41	37	35	37	35	43	46	50	51	40	41	40	38	42	45	43	34	39	44	48	36	41	39	36	39	43	43	41	41.0
TOWSON	MAX	57	53	52	48	46	49	54	63	57	52	59	55	50	54	60	58	55	52	44	43	50	55	50	54	50	48	51	57	66	64	53.5
	MIN	35	28	28	30	34	30	22	36	42	46	42	32	32	30	28	28	47	35	29	33	33	42	33	32	26	29	31	36	32	29	33.0
UNIONVILLE	MAX	63	55	41	46	44	45	55	55	53	60	57	51	46	52	56	57	54	47	41	46	50	52	50	51	43	43	48	56	57	58	51.1
	MIN	28	25	33	29	31	25	19	33	36	42	41	23	28	29	22	27	45	33	24	31	40	47	31	40	22	23	21	24	20	18	29.3
U S SOLDIERS HOME D C	MAX	53	50	43	48	40	45	52	57	58	60	57	48	47	52	57	63	51	46	43	43	49	54	45	53	42	44	46	51	60	60	50.6
	MIN	35	34	34	33	31	31	28	37	40	45	38	33	37	34	30	36	45	34	27	35	41	36	29	36	31	28	31	31	31	36	34.2
UPPER MARLBORO 3 NNW	MAX	48	56	53	50	57	38	47	56	59	63	55	60	54	48	53	59	64	56	54	45	45	57	56	50	53	45	46	47	52	60	52.9
	MIN	36	26	33	29	35	29	21	27	36	44	45	28	31	33	24	39	41	26	32	35	43	30	29	25	27	31	36	28	27	31.8	
VIENNA	MAX	59	55	50	50	45	47	54	59	61	65	65	55	51	54	56	62	64	52	44	48	51	61	55	56	51	46	53	52	63	61	54.8
	MIN	40	31	41	36	33	32	25	42	41	50	50	43	32	34	30	32	49	40	29	35	43	48	35	33	38	33	33	36	36	36	36.9
WALDORF POLICE BRKS	MAX	55	53	48	50	50	45	55	56	55	66	59	56	55	53	58	65	59	52	42	45	51	58	50	53	50	54	48	52	62	61	53.9
	MIN	32	26	38	30	29	29	20	27	40	48	45	30	21	31	27	31	32	39	27	27	43	42	30	30	24	30	35	40	31	31	32.2
WASHINGTON WB CITY D C	MAX	54	52	45	50	44	48	54		59	61	57	51	46	52	59	65	52	47	43	45	50	54	48	52	43	45	47	53	61	61	51.7
	MIN	36	34	35	33	32	32	28		59	46	41	34	36	37	35	36	47	35	31	36	42	36	33	38	30	34	37	37	39	38	35.9
WESTERNPORT	MAX	48	54	43	48	43	52	60	58	54	55	50	48	47	53	66	60	51	51	52	44	59	51	49	53	43	47	49	46	55	58	51.6
	MIN	32	25	34	34	38	31	22	46	42	45	45	30	34	35	30	29	48	37	29	34	32	34	30	33	27	20	17	21	21	20	31.8
WESTMINSTER	MAX	51	50	45	42	43	45	52	56	50	58	55	48	45	48	51	56	53	50	37	41	48	50	43	49	43	41	47	55	60	59	49.0
	MIN	36	31	32	30	29	30	23	40	39	45	42	29	32	36	27	33	45	32	25	31	35	42	31	34	26	23	26	37	28	31	

# SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE  
NOVEMBER 1962

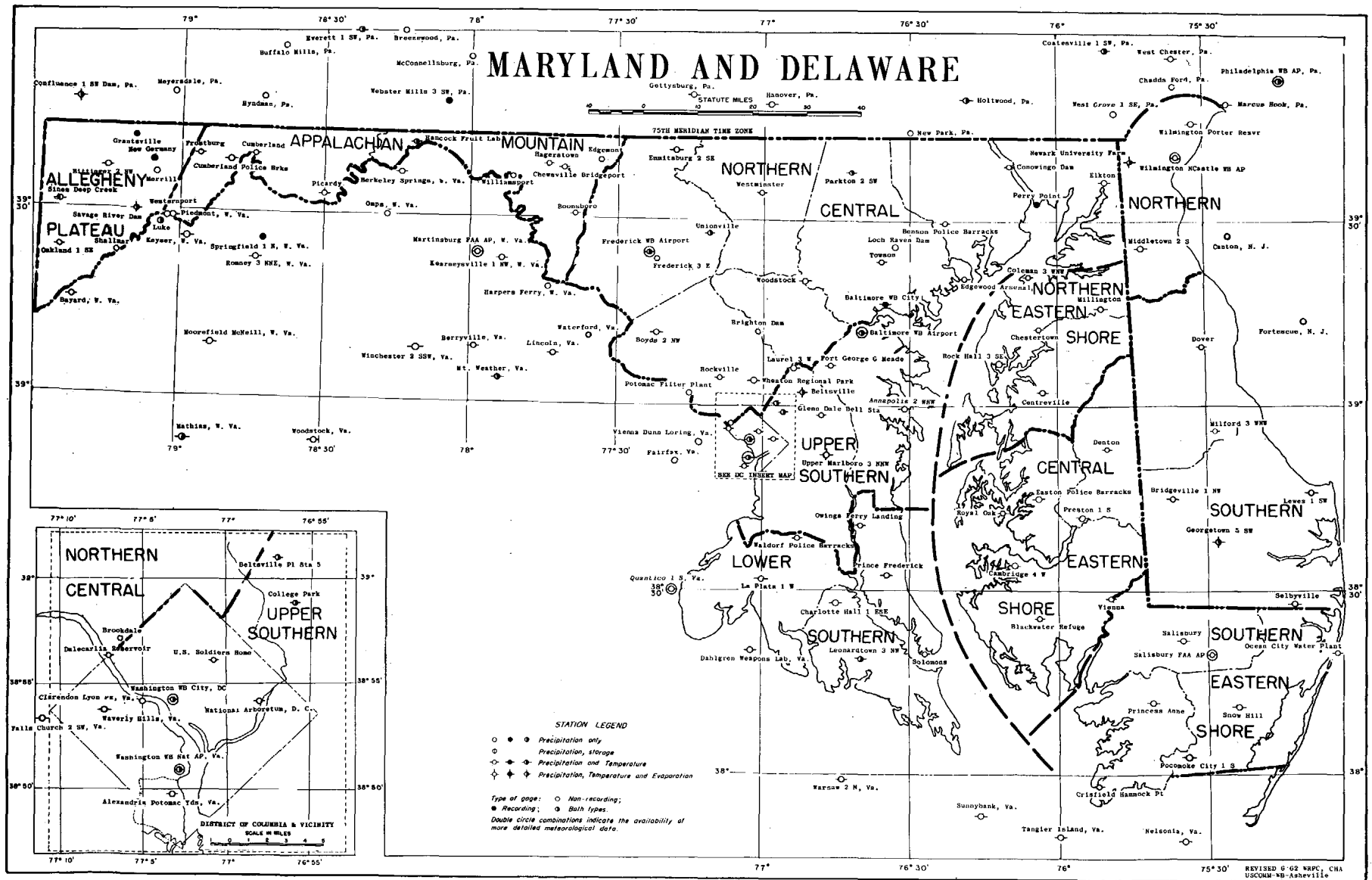
STATION AND DEPTH	Day of month																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																
BALTIMORE WB AIRPORT			T		.3															T												
BITTINGER 2 NW			1.5 1															3.0 3	1	.6 1		.3 T										
BROOKDALE					T																											
CHESTERTOWN					T																											
COLLEGE PARK					T																											
CUMBERLAND																								T								
EMMITSBURG 2 SE			T		T													T														
FORT GEORGE G MEADE					T																											
FREDERICK WB AIRPORT					T																											
FROSTBURG				1.5 T																				T								
GLENN DALE BELL STA					1.5																											
HAGERSTOWN			1.0 1	T														T														
HANCOCK FRUIT LAB				T																T												
LA PLATA 1 W					.3 T																											
OAKLAND 1 SE			1.5 1															1.5 1		1	T											
OWINGS FERRY LANDING					.5 1																											
PARKTON 2 SW			1.0 1	T														1.0 T			T											
PRESTON 1 S					T																											
ROYAL OAK					T																											
SALISBURY FAA AIRPORT					T																											
SNOW HILL					T	T																										
UNIONVILLE			T		T													T														
WESTMINSTER				2.0 1																1.0 T		T										
WOODSTOCK			T		T													T														
DELAWARE																																
NEWARK UNIVERSITY FARM																																
WILMINGTON NCASTLE WB AP			T		T																											
WILMINGTON PORTER RESVR																																

## 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	1.00-1.99	2.00 and over			Total
BALTIMORE WB AIRPORT, MD.	W	13	9.2	32	NW	22	73	75	57	64	3	0	2	3	3	0	11	48	6.2
FREDERICK WB AIRPORT, MD.	-	-	-	-	-	-	-	-	-	-	2	3	2	4	1	0	12	-	-
WASHINGTON WB CITY, D. C.	N†	15†	8.4†	39†	ESE†	10†	70†	73†	57†	59†	0	2	2	4	1	0	9	46†	6.5†
WILMINGTON-NCastle WB AP, DEL.	NW	17	10.9	37++	WNN	22+	77	79	55	69	3	2	1	3	2	0	11	-	6.5

† AIRPORT DATA

See reference notes following Station Index.



Maps of Average Temperature and Total Precipitation that have been included in this location each month have been temporarily discontinued. Users requiring these analyses may use the above map to plot and analyze the data that appear elsewhere in this bulletin.

# STATION INDEX

MARYLAND AND DELAWARE  
1962

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL (REF. NOTED)									TEMP.	PRECIP.	EVAP.	SPECIAL (REF. NOTED)	
MARYLAND																							
ANNAPOLIS 2 NW	0193	ANNE ARUNDEL	1	38 59	76 31	70	5P	5P			H	RADIO STATION WNAV	7010	ALLEGANY	5	39 33	78 30	1030	6P	6P	H	POTOMAC HLND. ORCHARD	
BALTIMORE WB AIRPORT	0465	ANNE ARUNDEL	3	39 11	76 40	148	MID	MID			C	U.S. WEATHER BUREAU	7140	WORCESTER	1	38 03	75 34	20	5P	5P	H	RADIO STATION WQNY	
BELTSVILLE	0700	PRINCE GEORGE	5	39 02	76 53	120	8A	8A	BA	CA	C	U.S. WEATHER BUREAU	7272	MONTGOMERY	5	39 02	77 15	270	8A	8A	H	CITY OF POTOMAC	
BELTSVILLE PLANT STA 5	0705	PRINCE GEORGE	5	39 01	76 57	100	9A	9A	BA	CA	C	CHESTER H. GORDON	7310	CAROLINE	1	38 42	76 55	50	6P	6P	H	FRANKLIN D. NUSBAUM	
BENSON POLICE BARRACKS	0732	HARFORD	1	39 30	76 23	345	5P	5P				USDA PLANT IND. STA.	7325	CALVERT	1	38 32	76 35	140	5P	5P	H	BOYD KING	
BITTINGER 2 NW	0881	GARRETT	7	39 37	79 15	2700	7P	7P				MD. STATE POLICE	7330	SOMERSET	1	38 12	76 41	15	5P	5P	H	TOWN OF PRINCESS ANNE	
BLACKWATER REFUGE	0915	DORCHESTER	1	38 26	76 08	5	4P	4P				ROCK HALL 3 SE	7700	KENT	1	39 07	76 22	10	6P	6P	H	JOHN C. BRANCA	
BOONSBORO	0986	WASHINGTON	5	39 31	77 39	736	6P	6P				ROYAL OAK	7705	MONTGOMERY	5	39 05	77 09	434	4P	4P	H	CITY OF SALISBURY	
BOYDS 2 NW	1032	MONTGOMERY	5	39 12	77 20	580	6P	6P				SALISBURY	8005	WICOMICO	1	38 22	75 35	10	5P	5P	H	J. L. SWAINE, JR.	
BRIGHTON DAM	1125	MONTGOMERY	4	39 12	77 01	350	8A	8A				SAVAGE RIVER DAM	8006	GARRETT	1	38 20	75 30	52	MID	MID	BA	FED. AVIATION AGENCY	
BROCKDALE	1170	MONTGOMERY	5	38 57	77 06	260	7P	7P				SHALLMAR	8191	GARRETT	5	39 23	79 12	1700	8A	8A	C	UPPER POTOMAC RVR. COMM.	
CAMBRIDGE W	1385	DORCHESTER	1	38 34	76 09	5	6P	6P				SINES DEEP CREEK	8315	GARRETT	5	39 31	79 25	2036	MID	7A	C	CLARENCE B. KIMBLE	
CENTREVILLE	1627	QUEEN ANNES	1	39 03	76 03	46	6P	6P				SOLOMONS	8405	CALVERT	1	38 19	76 27	12	6P	6P	H	PA. ELECTRIC CO.	
CHARLOTTE HALL 1 ESE	1686	ST. MARYS	4	38 28	76 45	167	5P	5P				TOMSON	8677	BALTIMORE	3	39 24	76 37	460	4P	4P	H	FRED H. BELLING	
CHESTERTOWN	1750	KENT	1	39 13	76 04	39	11P	11P				UNIONVILLE	8930	FREDERICK	3	39 27	77 11	430	6P	6P	C	CHESAPEAKE BIOL. LAB.	
CHEWESVILLE BRIDGEPORT	1790	WASHINGTON	5	39 36	77 41	560	5P	5P				UPPER MARLBORO 3 NW	9070	PRINCE GEORGE	4	38 52	76 47	98	9A	9A	9A	C	BALTIMORE COUNTY JAIL
COLEMAN 3 NW	1980	KENT	1	39 21	76 08	78	6P	6P				VIENNA	9140	DORCHESTER	1	38 29	75 50	12	6P	6P	H	G. P. VON EIFF, JR.	
COLLEGE PARK	1995	PRINCE GEORGE	5	38 59	76 56	79	5P	5P				WALDORF POLICE BRKS	9195	CHARLES	5	38 39	76 53	210	5P	5P	H	TOBACCO EXP. FARM	
CONKINGO DAM	2060	HARFORD	4	39 39	76 10	60	MID	MID				WESTMINSTER	9435	CARROLL	1	39 35	77 00	370	6P	7A	H	ERN. SHORE PUBS. SVC. CO.	
CRISFIELD HAMMOCK PT	2205	SOMERSET	1	37 58	75 52	7	5P	5P				WESTPORT	9405	ALLEGANY	5	39 29	79 03	1000	6P	6P	H	MD. STATE POLICE	
CUMBERLAND	2280	ALLEGANY	5	39 39	78 45	94	6P	6P	BA	H	H	WHEATON REGIONAL PARK	9502	MONTGOMERY	5	39 04	77 02	330	5P	5P	H	NORRIS BRUCE	
CUMBERLAND POLICE BRKS	2285	ALLEGANY	5	39 38	78 50	970	5P	5P				WILLIAMSPORT	9570	WASHINGTON	5	39 37	77 51	300	7A	7A	H	PARK + PLANNING COMM.	
DENTON	2523	CAROLINE	1	38 53	75 50	20	6P	6P				WOODSTOCK	9750	BALTIMORE	3	39 20	76 52	415	6P	6P	H	ROBERTSON WRS. PLANT	
EASTON POLICE BARRACKS	2700	TALBOT	1	38 45	76 04	40	5P	5P				DISTRICT OF COLUMBIA											
EDGEWATER	2770	WASHINGTON	5	39 40	77 33	905	8A	8A				DALECARLIA RESERVOIR	2325		5	38 56	77 07	140	5P	5P	H	CORPS OF ENGINEERS	
EDGEWOOD ARSENAL	2795	HARFORD	1	39 21	76 15	10	MID	MID				NATIONAL ARBORETUM	6350		5	38 54	76 58	70	4P	4P	H	U.S. NAT. ARBORETUM	
EKTON	2860	CECIL	1	39 30	75 50	28	6P	6P				U. S. SOLDIERS HOME	9035		5	38 56	77 01	230	MID	MID	H	U.S. SOLDIERS HOME	
EMMITSBURG 2 SE	2906	FREDERICK	5	39 41	77 18	420	5P	5P				WASHINGTON WB CITY	9290		5	38 54	77 03	72	MID	MID	C	U.S. WEATHER BUREAU	
FORT GEORGE G HEADE	3230	ANNE ARUNDEL	4	39 06	76 45	140	5P	5P				DELAWARE											
FREDERICK WB AIRPORT	3350	FREDERICK	5	39 25	77 23	294	MID	MID				BRIDGEVILLE 1 NW	6330	SUSSEX	1	38 45	75 37	50	5P	5P	H	WILLIAM RAY	
FREDERICK 3 E	3355	FREDERICK	4	39 24	77 22	385	8A	8A				DOVER	6730	KENT	2	39 09	75 31	25	4P	4P	H	STATE HIGHWAY DEPT.	
FROSTBURG	3410	ALLEGANY	5	39 39	78 56	2035	7A	7A				GEORGETOWN 5 SW	6570	SUSSEX	1	38 38	75 28	45	5P	5P	C	H. J. UNI. AGR. EXP. STA.	
GLENN DALE BELL STA	3675	PRINCE GEORGE	4	38 58	76 48	151	4P	4P				LENES 1 SW	6220	SUSSEX	2	38 49	75 09	20	6P	MID	H	FREDERICK U. VOGL	
GREENVILLE	3795	GARRETT	7	39 42	79 39	2380						MIDDLETOWN 2 S	5855	NEW CASTLE	5	38 29	75 43	75	MID	5P	H	THOMAS T. DONOVAN	
HAGERSTOWN	3975	WASHINGTON	5	39 39	77 44	660	6P	6P				MILFORD 3 NW	5915	SUSSEX	2	38 56	75 29	52	5P	5P	C	RADIO STATION WQSB	
HANCOCK FRUIT LAB	4030	WASHINGTON	5	39 42	78 11	428	8A	8A				NEARBY UNIVERSITY FARM	6410	NEW CASTLE	2	39 40	75 44	30	6P	6P	C	UNIV. OF DELAWARE	
LA PLAYA 1 W	5080	CHARLES	5	38 32	77 00	140	5P	5P				SELBYVILLE	8269	SUSSEX	2	38 29	75 13	32	5P	5P	H	L. MERRIE LONG	
LAUREL 3 W	5111	PRINCE GEORGE	4	39 06	76 54	400	5P	5P				WILMINGTON NCATTLE WB AP	9595	NEW CASTLE	2	39 40	75 36	73	MID	MID	C	U.S. WEATHER BUREAU	
LEONARDTOWN 3 NW	5201	ST. MARYS	5	38 19	76 40	40	5P	5P				WILMINGTON PORTER RESVR	9605	NEW CASTLE	2	39 46	75 32	274	MID	MID	H	WATER DEPARTMENT	
LUKE RAVEN DAM	5340	BALTIMORE	1	39 26	76 33	190	5P	5P				MARYLAND											
LUKE	5330	ALLEGANY	5	39 28	79 04	1020	8A	8A				HOWARD T. MANGOLD											
MERRILL	5894	GARRETT	5	39 36	79 05	1790	8A	8A				DELWOOD E. MERRILL											
MILLINGTON	5985	KENT	1	39 16	75 51	30	6P	6P				H. LOUIS H. HOLLETT											
NEW GERMANY	6408	GARRETT	5	39 36	79 07	2590						ARONIE BITTINGER											
OAKLAND 1 SE	6620	GARRETT	7	39 24	79 24	2420	5P	5P				H. R. E. WEBER											
OCEAN CITY WATER PLANT	6670	WORCESTER	2	38 20	75 05	17	4P	4P				LUTHER D. BELL											
OWINGS FERRY LANDING	6770	CALVERT	4	38 42	76 41	120	7P	7P				H. THOMAS J. BURNE											
PARKTON 2 SW	6844	BALTIMORE	1	39 38	76 42	600	11P	11P				C. JOHN R. FOX											
PEPPY POINT	6980	CECIL	1	39 33	76 04	40						C. VETERANS ADMINISTRATION											

1-CHESAPEAKE; 2-COASTAL; 3-PATAPSCO; 4-PATUXENT; 5-POTOMAC; 6-SUSQUEHANNA; 7-YOUGHEGHEWY

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.