

U. S. DEPARTMENT OF COMMERCE

FREDERICK H. MUELLER, Secretary

WEATHER BUREAU

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CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

NOVEMBER 1959

Volume LXIII No. 11



MARYLAND AND DELAWARE - NOVEMBER 1959
TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 81° on the 5th at La Plata 1 W, Md and on the 6th
at Glenn Dale Bell Station, Md.

Lowest Temperature: 2° on the 18th at Bittinger 2 NW, Md.

Greatest Total Precipitation: 6.57 inches at Salisbury Police Brks, Md.

Least Total Precipitation: 1.58 inches at Clear Spring 1 ENE, Md.

Greatest One-Day Precipitation: 2.87 inches on the 7th at Solomons, Md.

Greatest Reported Total Snowfall: 8.5 inches at Bittinger 2 NW, Md.

Greatest Reported Depth of Snow on Ground: 4 inches on the 30th at
Bittinger 2 NW

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
NOVEMBER 1959

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days		
										90° or Above	32° or Below	32° or Below	32° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	100 or More
MARYLAND																							
SOUTHERN EASTERN SHORE																							
CRISFIELD HAMMOCK PT	57.4	41.4	49.4	- 1.8	75	6	24	19	466	0	0	5	0	3.76	.53	1.01	24+	.0	0		5	4	2
OCEAN CITY	56.1	39.5	47.8		73	5	27	30	511	0	0	7	0	5.68		1.73	24	T	0		8	5	2
POCOMOKE CITY 1 S	59.6M	37.2	48.4M		79	5	20	19	500	0	0	10	0	3.86		1.00	24	.0	0		7	3	1
PRINCESS ANNE	59.3	35.0	47.2		79	6	18	19	534	0	0	11	0	5.20		1.75	25	.0	0		8	4	3
SALISBURY	60.0	38.5	49.3		80	6	22	19	477	0	0	10	0	5.05	1.82	1.67	25	.0	0		6	4	3
SALISBURY POLICE BRKS	58.0	37.0	47.5		78	6+	18	19	529	0	0	11	0	6.57		2.07	7	T	0		6	5	3
SALISBURY FAA AIRPORT	56.8	36.6	46.7		80	6	21	19	546	0	0	13	0	4.60		2.06	24	T	0		7	3	1
SNOW HILL	58.7	37.6	48.2	.0	79	6	20	19	506	0	0	11	0	4.19	.61	1.12	24	T	0		8	4	2
DIVISION			48.1	- .9										4.86	1.52			T					
CENTRAL EASTERN SHORE																							
BLACKWATER REFUGE	57.5	40.1	48.8		76	6	25	18	483	0	0	7	0	6.12		2.68	7	.0	0		7	3	2
CAMBRIDGE 4 W	57.3	37.0	47.2		78	5	21	19+	532	0	0	10	0	6.00		2.78	7	.0	0		7	3	2
DENTON	57.6	35.4M	46.5M		78	5	20	20	557	0	0	11	0	5.88		2.16	7	.0	0		7	3	3
EASTON POLICE BRKS	57.4	38.2	47.8	.1	77	6+	22	20	515	0	0	10	0	5.36	2.12	2.35	7	.0	0		6	3	2
PRESTON 1 S	57.7	37.7	47.7		78	6+	22	20+	520	0	0	10	0	5.80		2.35	7	.0	0		7	5	2
ROYAL OAK	57.0	38.8	47.9		78	5	23	19+	511	0	0	8	0	5.54		2.20	7	.0	0		7	3	2
VIENNA	58.9M	38.8	48.9M		77	6	23	18	481	0	0	8	0	6.23		2.02	24	T	0		6	4	3
DIVISION			47.8	- .3										5.85	2.51			.0					
LOWER SOUTHERN																							
CHARLOTTE HALL 2 ESE	57.4	36.0	46.7		80	5	18	18	548	0	0	13	0	4.54		1.66	24	.0	0		6	3	2
LA PLATA 1 W	57.7	33.8	45.8		81	5	18	30+	575	0	0	15	0	2.97		1.54	24	.0	0		6	2	1
LEONARDTOWN	59.3	35.6	47.5		80	5	18	19	527	0	0	12	0	5.46		2.65	7	.0	0		6	2	2
OWINGS FERRY LANDING	56.8	36.1	46.5	- 1.7	78	5	19	18	549	0	0	13	0	4.04	.82	1.55	24	.0	0		7	2	2
PRINCE FREDERICK	56.4M	34.2M	45.3M		79	5	18	19+	599	0	0	13	0	5.17		2.11	7	.0	0		6	3	2
SOLOMONS	56.2	41.8	49.0	- 1.3	77	5	23	18	477	0	0	5	0	5.74	2.61	2.87	7	.0	0		6	2	2
WALDORF POLICE BRKS																							
DIVISION			46.8	- 1.5										4.65	1.47			.0					
UPPER SOUTHERN																							
ANNAPOLIS U S N ACADEMY	53.2	38.8	46.0	- 2.1	68	6+	22	18	560	0	0	7	0	3.59	.83	1.23	7	.0	0		6	3	2
ANNAPOLIS 2 WNW	55.7M	35.7M	45.7M		74	5	20	18	571	0	0	12	0	3.28		1.10	24	.0	0		7	2	1
BALTIMORE WB AIRPORT	54.4	34.6	44.5	- 1.1	76	5	20	18	612	0	1	15	0	2.12	.84	.63	24	.0	0		7	1	0
BELTSVILLE	54.7	32.9	43.8		75	7+	18	20	633	0	1	16	0	2.54		.60	24	.0	0		5	3	0
BELTSVILLE PLANT STA 1	55.2	34.0	44.6		76	6	18	20	610	0	1	16	0	2.48		.61	28+	.0	0		5	3	0
BELTSVILLE PLANT STA 2	55.3	33.3	44.3		75	7+	17	20	618	0	0	16	0	2.38		.60	7	.0	0		5	3	0
BELTSVILLE PLANT STA 4	54.7	34.2	44.5		74	7+	17	18	614	0	1	15	0	2.32		.98	24+	.0	0		5	3	0
BELTSVILLE PLANT STA 5	54.7	33.3	44.0		75	6	17	20	626	0	0	16	0	2.52		.64	24	.0	0		5	3	0
BELTSVILLE PLANT STA 6	54.9	35.5	45.2		75	7+	19	18	590	0	0	14	0	2.59		.67	24	.0	0		5	3	0
COLLEGE PARK	56.6	35.4	46.0	- .6	76	6+	19	20	564	0	0	16	0	2.65	.56	1.00	24	.0	0		5	3	1
DALECARLIA RESERVOIR DC	55.4	35.1	45.3		75	6	19	18	587	0	0	14	0	2.77		1.10	24	.0	0		5	3	1
FORT GEORGE G MEADE	56.8	34.2	45.5		78	5	18	20+	583	0	0	16	0	2.52		.98	24	.0	0		5	3	0
GLENN DALE BELL STA	57.2	32.6	44.9	- .9	81	6	15	20	600	0	0	16	0	2.73	.58	1.02	24	T	0		5	3	1
GREENBELT	55.0	33.3	44.2		76	6	19	19+	623	0	0	18	0	2.56		.60	7	.0	0		7	3	0
LANHAM SCOFIELD ESTATE	55.9	33.3	44.6		78	6	20	19+	610	0	0	18	0	2.56		.72	7	.0	0		5	2	0
LAUREL 3 W	55.6	37.6	46.6		73	6+	19	18	547	0	0	10	0	2.57		.60	28	.0	0		5	3	0
NATIONAL ARBORETUM D C	57.4	37.8	47.6		76	6+	21	18	520	0	0	11	0	2.43		.91	24	.0	0		5	3	0
SANDY POINT	53.9	39.1	46.5		73	14	21	18	550	0	0	9	0	3.20		1.32	7	.0	0		6	2	2
U S SOLDIERS HOME D C	55.0	35.5	45.3		74	6+	19	18	585	0	0	11	0	2.59		.70	24	.0	0		6	2	0
UPPER MARLBORO 3 N	55.3	34.1	44.7		77	7+	18	20	607	0	0	15	0	2.41		.57	7	.0	0		6	2	0
WASHINGTON WB CITY DC	54.9	37.4	46.2	- 1.8	75	6+	21	18	562	0	0	10	0	2.44	.38	.71	24	.0	0		6	2	0
DIVISION			45.2	- 1.5										2.63	.59			T					
NORTHERN EASTERN SHORE																							
CENTREVILLE	56.1	37.9	47.0		78	5	22	18	536	0	0	9	0	4.09		1.85	7	.0	0		7	2	2
CHESTERTOWN	57.2	36.8	47.0		78	5	21	18	539	0	0	9	0	3.53		1.02	24	T	0		7	3	1
COLEMAN 3 WNW	57.1	38.0	47.6	.2	78	5	21	18	517	0	0	8	0	3.37	.06	1.19	7	.0	0		7	2	1
MILLINGTON	56.1	35.9	46.0	- 1.1	75	5	19	19	566	0	0	13	0	3.94	.57	1.67	7	.0	0		6	3	2
ROCK HALL 3 N	56.1	36.1	46.1	- 1.2	76	5	20	18	561	0	0	12	0	3.41	.25	1.37	7	.0	0		4	2	2
STEVENSVILLE 1 W	55.0	39.4	47.2		73	14	22	18	529	0	0	6	0	2.43		1.05	24	.0	0		6	1	1
DIVISION			46.8	- .7										3.46	.17			T					
NORTHERN CENTRAL																							
BALTIMORE WB CITY	55.4	38.4	46.9	- 1.8	76	6+	20	18	539	0	0	8	0	2.24	.72	.72	24	.0	0		6	1	0
BALTIMORE HAMILTON	55.1	37.4	46.3		74	5	19	18	552	0	0	9	0	2.54		.92	24	T	0		6	2	0
BENSON POLICE BARRACKS	52.5	32.6	42.6		70	5	17	18	666	0	0	16	0	3.15		.96	24	.0	0		7	3	0
BENTLEY SPRINGS 1 WNW	52.0	31.7	41.9		72	5	15	19+	686	0	1	18	0	3.52		1.10	28	T	0		7	3	1
BETHESDA NAT INST HLTH	55.9	35.0	45.5		75	5	19	18	582	0	0	16	0	2.66		1.10	28	.0	0		7	2	1
BOYDS 2 NW	53.1	31.3	42.2		70	6+	14	18	675	0	0	19	0	2.55		1.13	24	T	0		4	2	1
CONOWINGO DAM	53.2	34.3	43.8		72	5	21	19	629	0	1	16	0	3.12		.73	28	T	0		8</		

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
NOVEMBER 1959

CONTINUED

Station	Temperature										Precipitation																
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	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				
										30° or Above	32° or Above	32° or Below	30° or Below														
EDGEWOOD ARSENAL	52.3	34.3	43.3		68	14	20	20+	643	0	1	16	0	2.38		.58	24	.0	0								
ELKTON	53.4	35.3	45.4	.1	76	5	19	19	582	0	0	14	0	3.17	-.43	1.31	7	.0	0								
EMMITSBURG 2 SE	52.7	31.5	42.1		71	6	11	18	678	0	0	18	0	2.52		.88	28	.0	0								
FREDERICK POLICE BRKS	53.1	34.0	43.6		72	5	17	18	637	0	1	18	0	2.52		1.06	28	.0	0								
FREDERICK WB AIRPORT	52.7	30.6	41.7	-3.7	74	5	18	19+	698	0	1	20	0	2.57	-.38	.80	27	.0	0								
MIDDLE RIVER 1 N	55.2	33.6	44.4		75	5	18	20	610	0	0	16	0	3.03		.95	24	.0	0								
PARKTON 2 SW	51.3	30.8	41.1		71	5	16	18	714	0	1	19	0	3.32		.72	24	T	0								
PIKESVILLE POL. BRKS	53.9	36.3	45.1		73	6	17	18	589	0	0	10	0	2.91		.74	24	.0	0								
RANDALLSTOWN POL BRKS	53.7	35.2	44.5		72	6	16	18	608	0	0	14	0	2.89		.88	28	.0	0								
ROCKVILLE	54.3M	36.1	45.2M		74	6+	19	18	584	0	0	10	0	3.65		1.24	24	.0	0								
TAKOMA PARK MISS AVE	55.4	35.1	45.3		75	5	18	18	587	0	0	14	0	2.60		.97	24	.0	0								
TOWSON	56.0	35.4	45.7		75	6	18	18	569	0	0	14	0	2.69	-.77	.83	24	.0	0								
UNIONVILLE	53.6	31.7	42.7		74	5	17	20+	665	0	1	19	0	2.41		.80	24	T	0								
VIERS MILL	54.9M	34.3M	44.6M		73	5	19	18	602	0	1	15	0	3.79		1.15	28	.0	0								
WATERLOO POLICE BRKS	53.6	34.6	44.1		72	5	19	30+	619	0	0	15	0	2.13		.69	7	.0	0								
WESTMINSTER	51.5	33.4	42.5	-2.1	71	5	15	18	669	0	1	14	0	2.84	-.55	.83	28										
WOODSTOCK	54.1	33.4	43.8	-.5	73	6+	18	20+	629	0	0	15	0	3.01	-.21	.98	24	T	0								
DIVISION			44.0	-.1										2.84	-.48			T									
APPALACHIAN MOUNTAIN																											
CHEWSVILLE BRIDGEPORT	52.5	32.6	42.6	-.8	70	5	15	18	667	0	1	18	0	1.90	-.53	.61	28	T	0								
CLEAR SPRING 1 ENE	52.4	32.2	42.3		69	5	15	18	674	0	0	17	0	1.58				T	0								
CUMBERLAND	50.2	31.6	40.9		72	5	13	18	715	0	0	21	0	2.63		.98	28	.2	0								
CUMBERLAND POLICE BRKS	49.5	30.1	39.8		72	5	14	18	748	0	0	20	0	2.81		.84	28	.0	0								
FROSTBURG	49.2	29.1	39.2	-2.4	70	5	7	18	766	0	2	19	0	3.16	.44	.90	28	.4	T								
HAGERSTOWN	51.9	29.3	40.6		69	5	10	18	726	0	1	21	0	2.09		.50	28	T	T								
HANCOCK FRUIT LAB	51.9	30.5	41.2		71	6	16	18	705	0	0	18	0	2.08	-.65	.55	28	.0	0								
KEEDYSVILLE	54.4	32.8	43.6	-1.3	72	5	16	18	635	0	0	16	0	2.08	-.82	.83	28										
PICARDY	52.6	31.4	42.0		73	5	11	18	685	0	0	19	0	1.87	-.78	.64	28	.0	0								
WESTERNPORT	51.7	31.5	41.6	-2.9	74	5	14	18	693	0	0	20	0	2.15	-.27	.80	28	T	0								
DIVISION			41.4	-2.2										2.24	-.45												
ALLEGHENY PLATEAU																											
BITTINGER 2 NW	46.5	25.7	36.1		68	5	2	18	861	0	4	24	0	4.06		1.00	28	8.5	4								
OAKLAND 1 SE	50.8	27.1	39.0	-.1	75	4	6	18	773	0	3	21	0	3.84	.59	.84	28	6.1	3								
SAVAGE RIVER DAM	48.1	27.7	37.9		72	6	11	18	806	0	2	25	0	2.50		1.08	28	T	T								
SINES DEEP CREEK	50.3M	26.5M	38.4M	.6	75	5+	8	18	791	0	3	25	0	4.17	1.01	1.30	28	1.0	1								
DIVISION			37.9	-.6										3.65	.56			3.9									
DELAWARE																											
NORTHERN																											
MIDDLETOWN 2 S	56.8	36.0	46.4		80	5	22	20+	555	0	0	13	0			1.77	7										
NEWARK UNIVERSITY FARM	55.6	35.3	45.5		77	5	20	18	577	0	0	13	0	2.96		1.40	7										
WILMGTON NCASTLE WB AP	53.9	35.4	44.7	-.8	76	5	21	18	605	0	1	13	0	2.99	-.34	.88	6	T	0								
WILMGTON PORTER RESVR	52.6	35.4	44.0		75	5	18	18	622	0	1	10	0	3.62	-.09	1.10	24	.0	0								
DIVISION			45.2	-.7										3.19	-.32			T									
SOUTHERN																											
BRIDGEVILLE 1 NW	58.1	37.6	47.9	.6	78	6	21	19+	516	0	0	10	0			2.15	7	T	0								
DOVER	58.2	37.4	47.8	.0	80	5	21	18	520	0	0	11	0	5.65	1.03	2.74	7	.0	0								
GEORGETOWN 5 SW	58.9	37.3	48.1		80	6+	20	20+	512	0	0	10	0	5.71		2.27	24										
LEWES 1 SW	55.5	38.4	47.0		79	6+	22	19+	671	0	1	11	0	5.18		2.00	24	.0	0								
MILFORD	57.7	37.1	47.4		79	6+	22	20+	528	0	0	11	0	5.24		2.00	7	.0	0								
SELBYVILLE	59.1	37.1	48.1		79	6+	20	19	509	0	0	11	0	4.09		1.08	25	.0	0								
DIVISION			47.7	-.1										5.17	1.63			T									

DAILY PRECIPITATION

MARYLAND AND DELAWARE
NOVEMBER 1959

Station	Total	Day of month																																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
MARYLAND																																					
ANNAPOLIS U S M ACADEMY	3.99						1.23																														
ANNAPOLIS 2 NNW	3.28	.02	.07				.09	.09							.21				.14																		
BALTIMORE WB AIRPORT R	2.12	T	.02		T		.24	.46							.31	.10			.13				.08	.01	.10	1.07	.02						.04				
BALTIMORE WB CITY R	2.24		.01				.19	.48							.11	T			.12				T		.27	.63	T							.37			
BALTIMORE HAMILTON	2.54	.03	.02		.03	T	.15	.54	T						.05				.14						.25	.72								.40			
BELTSVILLE	2.94	.07						.55	.03						.05				.13							.06	.60	.45							.52	.08	
BELTSVILLE PLANT STA 1	2.48	.06	.04				.58	T							.04				.14	T				.05	.61	.37								.61			
BELTSVILLE PLANT STA 2	2.38	.06	.04				.60	T				T			.04				.13	T				.01	.58	.38								.53			
BELTSVILLE PLANT STA 4	2.32	.06	.03				.58	T							.03				.11	T				.01	.58	.34								.54			
BELTSVILLE PLANT STA 5	2.52	.03	.02				.58	T				T			.06				.14	T				.01	.64	.40								.62			
BELTSVILLE PLANT STA 6	2.99	.05	.03				.59	T				T			.08				.13	T				.01	.67	.39								.64			
BENSON POLICE BARRACKS	3.15	.11	.04				.21	.61							.32				.14						.01	.84	.09							.64			
BENTLEY SPRINGS 1 NNW	3.52	.32	.05		.02		.13	.54						.02	.24				.14						.03	.80	.03	.83	.03					1.10			
BETHESDA NAT INST MLTH	2.66						.24								.26				.14						.02	.90								1.10			
BITTINGER 2 NW	4.06	.27	.50		.17	T	.47					T			.05		.03	.20						.53	.14	.18		.44	1.00	.08							
BLACKWATER REFUGE	6.12		.03				T	2.48							.42	.17			.26					.48	T	1.42	.61							.05			
BOYDS 2 NW	2.55						.22								.24											.05	1.13								.91		
BRIGHTON DAM	3.41	.01	.04	T				.85							.8	.03			.28							.54	.71						1.00				
BROOKDALE	2.80					.01	T	.33	.28						.06	T			.34					.01		.04	1.03	.02					.63				
BURNT HILLS RESERVOIR	2.26	.09	T	T				.68	.04						.04	.09			.10		.32			.06		.54						.30					
CAMBRIDGE 4 W	4.00		.05				.34	2.78	T						.19				.22					.40		.04	1.30	.65	T					.03			
CENTREVILLE	4.09		.07				.22	1.85							T				.22					.12	T	1.16	.34							.11			
CHARLOTTE HALL 2 ESE	4.54						.50	1.81							.20									.29	T	1.66	.30					.01			.07		
CHESTERTOWN	3.93	.09	.07				T	.80	.92						T				.12					.11		.11	1.02	.08			.01			.20			
CHEWVILLE BRIDGEPORT	1.90	.13	.03			.08	.01	.21	.01						.10	.02		.02	.15							.10	.43	T					.61	T	T		
CLEAR SPRING 1 ENE	1.58	.10		.11	.07	.02	.20										.01	.16																.34			
COLEMAN 3 NNW	3.37	.05				.05	.18	1.19	.03						.04	T			.14					.24		.05	.54				T			.20			
COLLEGE PARK	2.65		.06				.13	.81							.04	T			.14					.03		.01	1.00	.02					T	.71			
CONOWINGO DAM	3.12	.25	.04			T		.44	.45						.22	T			.23																.73		
CONOWINGO POLICE BRKS	3.19	.25	.06				.16	.49							.24				.23						.84		.70	.11							.71		
CRISFIELD HAMMOCK PT	3.76							1.01							.02	.04	.03		.02	.22				.71	.06	1.01	.59						.03	.02			
CUMBERLAND	2.63	.02	.32	.05	.02	.06	.42	.24							.04	T			.05	T						.38	.08	T					.98		T		
CUMBERLAND POLICE BRKS	2.81	.02	.32		.07	T	.75	T							T				.10								.19				.16			.84			
DALECARLIA RESERVOIR DC	2.77						.04	.59							.22										.11		.02	1.10	.02					.67			
DENTON	5.88		.09				.47	2.16							.22				.27					.27		.01	1.16	1.14						.09			
DUNDALK	2.40	.01	.04			T		.19	.83						.11	T			.12							.03	1.02	.02			T		.29				
EASTON POLICE BRKS	5.36	.03					.34	2.25							.03				.11					.94	T	T	1.28	.82						.04	T		
EDGEHART	2.47		.40			.02		.22									.27		.12							.22	.48							.82			
EDGEWOOD ARSENAL	2.38						.31	.52							.06				.06								.05	.58							.34		
ELKTON	3.17	.07					.20	1.81							T				.23									.23						.24			
EMMITSBURG 2 SE	2.92	.20	.04		.03	.01	.09	.08							.27	.06			.11						.84	.03	.63	.03						.88			
FORT GEORGE G MEADE	2.92		.04			.01	.15	.56							.16				.14															.58			
FREDERICK POLICE BRKS	2.32	.02	.04			.02		.04	.02						.17	.03			.14																1.06		
FREDERICK WB AIRPORT R	2.57	.14	.04			T		.04							.22				.14															.25			
FREDERICK 3 E	2.47	.08	.04			T		.13							T				.14								.44	.46						.98	T		
FROSTBURG	3.16	.04	.67		.16	.01	.48	.08							T				.03								.45	.13	.02			.18		.90	.01		
GLENN DALE BELL STA	2.73	.02	.05				.13	.83							.01	T			.16	T														.54			
GREENBELT	2.94	.06		T				.60	.01						.10				.10						.04		T	1.02	.09					.56	.11		
HAGERSTOWN	2.09	.12	.05		.12		.30								.10				.12								.13	.23	T					.50	*	T	
HANCOCK FRUIT LAB	2.08	.05	.14		.08	.02	.39	.15											.22								.38	.20						.85			
KEDYSVILLE	2.08	.09	T		.06		.09	.05							.20				.13								.12	.51						.83			
LANHAM SCOTFIELD ESTATE	2.96	.07		.06				.72	.09						.03				.07									.45						.10			
LA PLATA 1 W	2.97		.01			T	.04	.66							.10			.01	.07	.07							.45				.01			.10			
LAUREL 3 W	2.57						.01	.59	.01										.20	.05					.38	T	.83	1.54	.11					.24			
LEONARDTOWN	5.46						.22	2.65							.01													1.86	.40						.10	T	
LOCH RAVEN DAM	2.74						.21	.64							.14				.17									.91						.67			
LUKE	2.01		.24	.02	T	.03	.27	.24							T				.01								.33	.82	T				.79	T	T		
MERRILL	3.10	.10	.41		.20	.02	.39	.14											.04	T								.52	.84	T				1.20		.04	
MIDDLE RIVER 1 N	3.03		.14		T		.25	.55							.43													.03	.95	.04				.42			
MILLINGTON	3.94		.07				.11	1.67							.04													1.25	.50					.12			
NATIONAL ARBORETUM D C	2.43	.02	.05	T		T	.22	.55							.03	T			.12															.91			
OAKLAND 1 SE	3.84	.32	.33	T		.11	.02	.44	.05																												

DAILY PRECIPITATION

MARYLAND AND DELAWARE
NOVEMBER 1959

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																																		
BRIDGEVILLE 1 NW	-	T	.07				.04	2.15	.01																									
DOVER	5.85	T	.05				.04	2.74	T					.12	.54	.11						.22	.04	1.45		.82				.10	T			
GEORGETOWN 5 SW	5.71		.02					1.10	.03					.15								.12	.03		.83	.90				.05				
LEWES 1 SW	5.16		.07					.85	.03						.13	.08	.07					.58	.02	2.27	1.15				T		.16			
MIFFOLETOWN 2 S	-	.04	.04				.08	1.77														.52		.02	2.00	.87				.23				
MILFORD	5.24		.07				.15	2.00														.30			1.47	.79				.13				
REMARK UNIVERSITY FARM	2.96	.03	.02				.12	1.40																	.75	.29				.10				
SELYVILLE	4.09		.05					.45	.30													.56	.04	T	.91	1.08				.09				
WILMINGTON CASTLE WB AP	2.99	.03	.02				.88	.64						.11	.03	T						T		.14	.87	.10			T	.09	T			
WILMINGTON PORTER RESVR	3.42	.03	.01				.99	.72							.15	T						T	T	.13	1.10	.11		.01	.06					

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
ANNAPOLIS USN ACADEMY, MD.	-	-	-	-	-	-	-	-	-	-	0	4	3	1	2	0	10	-	-
BALTIMORE WB AIRPORT, MD.	SSW	12	12.1	38	NW	2	70	75	51	61	7	1	6	1	0	0	15	42	6.9
FREDERICK WB AIRPORT, MD.	-	-	-	-	-	-	-	-	-	-	2	4	5	2	0	0	13	-	-
WASHINGTON WB CITY	SSW†	15†	10.9†	36†	WNW†	2†	69†	74†	51†	59†	-	3	4	2	0	0	9	-	-
WILMINGTON WB AIRPORT, DEL.	S	16	9.6	32	NW	17+	77	82	61	69	6	4	3	3	0	0	16	-	7.4
† Airport data																			

DAILY TEMPERATURES

MARYLAND AND DELAWARE
NOVEMBER 1959

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 U S N ACADEMY	MAX	67	55	52	64	68	68	42	47	52	53	54	61	62	65	51	50	53	34	49	45	48	54	50	55	54	46	58	57	39	44	
	MIN	50	42	36	51	58	45	38	34	24	36	36	40	39	53	44	44	27	22	30	32	43	37	34	49	33	31	47	40	30	29	
ANNAPOLIS 2 WNW	MAX	68	56	52	68	74	71	52	47	53	56	56	60	62	70	61	48	53	35	48	46	45	56	52	57	55	45	65	59		45	
	MIN	47	40	29	46	57	51	37	31	28	27	29	38	33	55	42	43	35	20	22	24	34	33	29	47	39	25	41		30	22	
BALTIMORE WB AIRPORT	MAX	65	56	52	68	76	75	45	47	53	57	56	57	61	72	50	48	53	31	45	47	44	55	54	58	49	46	65	63	39	44	
	MIN	45	37	30	48	58	45	36	31	27	29	30	39	33	50	41	43	25	20	24	23	33	30	31	47	31	27	37	37	27	23	
BALTIMORE WB CITY	MAX	66	57	54	69	76	76	46	48	54	58	56	59	62	72	50	50	54	33	48	49	47	56	54	58	51	47	66	62	39	45	
	MIN	50	40	35	50	60	46	36	33	34	37	41	45	42	50	42	44	26	20	28	32	38	37	40	49	32	38	29	26			
BALTIMORE HAMILTON	MAX	65	55	53	66	74	71	53	49	54	57	56	60	61	68	65	47	52	36	46	48	46	56	53	55	53	46	64	60	42	42	
	MIN	55	45	31	45	55	52	37	31	21	34	35	45	37	55	40	41	36	19	25	27	36	33	36	46	38	27	37	41	29	24	
BELTSVILLE	MAX	58	67	57	53	68	75	75	40	48	54	57	56	59	67	69	47	51	52	32	48	47	45	56	53	57	47	51	66	49	38	
	MIN	53	38	24	35	52	65	37	33	23	24	25	32	28	35	40	40	43	20	20	18	26	30	26	34	40	22	23	48	30	24	
BELTSVILLE PLANT STA 1	MAX	64	68	57	55	69	76	75	41	48	55	58	56	58	66	69	48	50	52	32	48	47	45	57	54	56	49	52	66	46	39	
	MIN	48	39	27	39	52	65	36	30	24	26	27	39	29	45	40	40	44	19	21	18	28	30	28	44	40	21	24	45	30	21	
BELTSVILLE PLANT STA 2	MAX	64	68	58	54	68	75	75	43	48	54	59	56	58	66	69	48	50	53	33	48	47	47	57	53	56	51	52	65	45	39	
	MIN	48	39	25	40	52	62	36	29	23	25	26	36	28	45	40	40	44	20	19	17	28	29	26	41	40	20	25	45	30	19	
BELTSVILLE PLANT STA 4	MAX	64	66	57	54	68	74	74	44	49	55	58	55	58	67	68	48	49	51	32	47	46	46	57	52	55	48	51	64	45	38	
	MIN	50	42	28	37	51	64	37	28	26	32	28	41	39	44	38	38	41	17	19	21	31	28	30	39	37	21	26	44	27	22	
BELTSVILLE PLANT STA 5	MAX	62	68	57	53	68	75	74	41	48	54	57	56	58	64	68	48	50	52	34	48	46	45	56	53	56	48	51	66	46	40	
	MIN	52	45	30	39	52	63	36	30	28	33	28	41	36	44	40	40	44	19	22	22	32	30	30	39	40	23	29	45	30	23	
BELTSVILLE PLANT STA 6	MAX	62	68	56	54	68	75	75	43	48	54	57	56	58	65	69	48	50	52	35	48	46	45	57	54	55	49	51	65	46	39	
	MIN	52	45	30	39	52	63	36	30	28	33	28	41	36	44	40	40	44	19	22	22	32	30	30	39	40	23	29	45	30	23	
BENSON POLICE BARRACKS	MAX	64	55	50	61	70	69	53	46	50	54	54	57	61	58	56	46	51	34	43	45	44	52	52	55	50	45	61	59	38	41	
	MIN	53	38	28	38	48	53	34	29	27	27	28	36	28	52	38	38	34	17	21	20	28	26	27	43	34	23	29	38	27	18	
BENTLEY SPRINGS 1 WNW	MAX	63	55	48	61	72	71	49	44	50	53	55	55	60	62	61	47	51	32	42	45	45	51	50	50	51	40	60	58	40	40	
	MIN	52	37	25	41	53	48	34	26	23	24	26	40	27	54	37	34	31	15	15	18	30	24	26	44	29	22	32	38	26	19	
BETHESDA NAT INST HLTH	MAX	66	58	53	68	75	74	59	51	55	62	55	58	63	74	62	49	47	44	45	46	46	54	52	54	54	48	62	60	42	42	
	MIN	48	43	27	48	58	46	39	30	29	30	30	30	45	56	35	39	27	19	24	22	36	29	28	46	32	23	39	38	28	24	
BITTINGER 2 NW	MAX	54	44	52	64	68	62	29	41	45	52	54	47	58	62	44	48	51	25	34	41	52	55	44	51	38	35	47	44	25	28	
	MIN	42	29	18	43	51	28	23	23	22	24	29	32	34	33	24	28	11	2	20	14	27	30	32	38	17	15	29	23	15	14	
BLACKWATER REFUGE	MAX	59	62	56	64	75	76	60	45	53	54	56	58	66	71	63	51	54	53	48	48	48	54	56	60	62	48	66	63	44	43	
	MIN	58	44	34	46	58	60	39	39	36	32	33	43	38	53	46	44	47	25	26	26	33	40	34	50	41	30	45	44	32	28	
BOYDS 2 NW	MAX	59	55	51	60	70	70	50	42	52	56	51	56	61	63	62	48	53	33	46	45	45	54	52	50	50	47	63	63	42	43	
	MIN	42	38	25	40	49	46	31	23	25	28	32	44	28	52	34	31	28	14	17	20	30	25	28	40	29	20	39	24	19		
CAMBRIDGE 4 W	MAX	69	59	53	65	78	76	57	44	53	54	57	59	69	76	63	49	54	40	48	47	47	54	57	62	61	48	67	65	44	43	
	MIN	55	38	34	40	58	56	36	35	31	30	31	36	35	52	43	41	39	21	21	24	30	37	29	46	36	25	46	45	33	26	
CENTREVILLE	MAX	66	58	50	65	78	74	56	44	52	53	56	58	66	74	64	49	52	40	45	46	48	53	55	61	56	46	66	66	44	43	
	MIN	56	42	35	43	59	56	37	35	32	30	32	38	32	55	43	41	40	22	24	23	33	34	39	47	37	33	39	42	32	27	
CHARLOTTE HALL 2 ESE	MAX	62	53	55	70	80	77	52	45	52	57	56	60	65	74	67	55	53	40	52	48	48	58	55	60	55	49	69	67	47	40	
	MIN	48	39	28	43	59	52	35	30	28	30	32	40	37	54	41	42	38	18	25	25	34	32	29	45	37	23	43	41	30	22	
CHESTERTOWN	MAX	68	60	52	66	78	74	45	45	55	59	57	64	69	77	62	49	53	37	50	52	48	54	58	60	55	49	65	66	42	47	
	MIN	45	40	32	46	59	45	37	35	33	33	34	39	34	55	42	42	36	21	27	26	35	36	32	47	32	39	38	28	25		
CHEWVILLE BRIDGEPORT	MAX	63	53	57	63	70	69	48	45	51	55	55	54	60	63	60	50	48	31	44	45	47	54	50	50	49	39	60	62	38	41	
	MIN	49	40	28	45	59	47	34	21	22	25	32	44	29	54	36	29	27	15	20	20	35	24	28	43	30	24	30	37	26	24	
CLEAR SPRING 1 ENE	MAX	61	55	53	61	69	68	49	49	52	57	57	57	59	60	63	48	47	35	45	46	47	56	46	50	50	38	52	59	40	43	
	MIN	54	42	31	45	53	32	35	24	24	27	32	43	33	34	36	29	28	15	18	23	31	27	34	42	33	26	30	34	27	25	
COLEMAN 3 WNW	MAX	65	59	56	65	78	77	50	47	53	59	57	60	64	72	72	48	51	39	46	47	46	54	58	65	65	47	65	65	42	42	
	MIN	57	45	35	41	56	50	37	34	33	35	32	41	37	50	42	42	38	21	27	29	33	32	35	48	40	32	38	41	31	28	
COLLEGE PARK	MAX	68	60	52	69	76	76	53	50	55	58	56	59	65	70	64	50	53	37	49	47	45	58	54	57	54	45	64	66	43	44	
	MIN	55	40	27	48	59	53	37	31	24	26	27	40	29	56	41	44	36	20	24	19	32	31	27	45	41	22	29	42	31	25	
CONOWINGO DAM	MAX	65	55	51	62	72	71	48	48	52	55	54	56	59	68	52	47	52	32	44	45	47	51	51	57	54	44	62	64	38	41	
	MIN	43	41	30	44	55	47	37	32	29	30	30	34	31																		

DAILY TEMPERATURES

MARYLAND AND DELAWARE
NOVEMBER 1959

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	
FORT GEORGE G MEADE	MAX MIN	68 54	58 38	53 27	69 45	78 57	76 54	54 29	51 24	56 24	58 25	57 26	59 39	65 29	72 55	64 40	50 42	53 31	38 19	48 18	48 18	45 30	58 28	50 27	58 45	54 40	47 22	65 35	65 42	44 29	42 21	56.8 34.2
FREDERICK POLICE BRKS	MAX MIN	64 50	55 40	51 31	65 46	72 57	71 52	52 36	42 24	53 24	56 26	56 30	54 46	60 31	64 51	57 37	48 32	52 32	32 17	44 21	46 24	44 32	54 27	52 28	50 43	49 35	49 27	63 30	59 37	42 30	44 27	53.1 34.0
FREDERICK WB AIRPORT	MAX MIN	64 42	56 36	52 28	68 47	74 61	72 40	40 24	45 21	53 21	56 25	57 26	56 32	62 28	64 44	46 35	49 33	51 22	32 18	45 18	46 20	43 30	55 29	53 26	51 46	45 29	40 24	63 26	63 34	35 26	44 26	52.7 30.6
FROSTBURG	MAX MIN	59 47	48 33	52 23	59 44	70 50	67 39	40 25	45 20	51 24	57 26	57 29	51 36	62 53	64 44	45 29	42 26	48 21	31 7	39 24	42 17	52 30	57 34	43 33	48 38	28 23	48 21	36 31	50 19	31 18	49.2 29.1	
GLENN DALE BELL STA	MAX MIN	68 54	61 39	53 24	68 44	77 57	81 54	55 27	49 21	55 21	58 24	56 30	60 40	65 26	73 54	65 39	49 26	52 39	39 18	48 18	48 15	46 26	58 29	55 24	59 54	47 36	49 19	65 30	64 41	43 28	46 20	57.2 32.6
GREENBELT	MAX MIN	60 51	68 43	55 28	54 29	69 49	76 62	70 36	40 30	49 26	55 28	59 29	56 30	59 33	66 34	47 42	48 40	49 43	32 19	33 19	48 22	47 23	45 31	57 31	53 30	57 41	48 24	48 25	56 46	39 24	55.0 33.3	
HAGERSTOWN	MAX MIN	65 47	53 36	50 25	62 45	69 53	68 48	48 30	45 19	51 20	55 25	55 32	53 39	59 26	62 50	60 32	48 25	48 23	32 10	43 18	44 18	45 31	54 26	49 29	50 38	49 25	39 21	58 33	62 25	42 20	51.9 29.3	
HANCOCK FRUIT LAB	MAX MIN	67 50	61 44	53 24	55 35	60 45	71 55	62 35	42 19	47 21	54 24	59 24	57 39	55 27	60 33	69 36	47 24	48 40	50 16	36 17	46 17	46 29	48 22	58 25	47 32	50 38	48 25	44 31	38 26	49 26	51.9 30.5	
KEEDYSVILLE	MAX MIN	63 51	58 39	55 25	65 45	72 55	70 48	51 32	45 18	56 20	59 23	57 37	60 42	61 39	63 50	59 36	48 29	48 28	35 16	47 27	46 17	45 33	58 21	50 31	51 40	42 30	60 22	63 38	42 26	44 23	54.4 32.8	
LANHAM SCOFIELD ESTATE	MAX MIN	60 51	69 47	58 29	52 30	68 49	78 62	73 37	39 30	49 26	57 27	58 29	56 29	61 31	66 33	73 42	48 41	49 43	52 20	34 20	50 22	48 23	46 33	59 29	53 29	59 40	50 24	48 24	65 45	41 30	55.9 33.3	
LA PLATA 1 W	MAX MIN	71 57	60 37	54 24	71 47	81 60	77 49	49 35	45 28	56 22	58 24	56 28	64 45	68 29	73 57	61 41	51 42	53 30	36 18	53 20	51 18	45 28	59 34	55 25	60 44	55 35	60 20	68 41	62 30	47 18	57.7 33.8	
LAUREL 3 W	MAX MIN	67 55	58 45	52 31	67 39	73 59	73 55	56 36	49 30	55 31	58 37	55 36	59 44	64 38	67 56	44 40	49 43	52 36	36 19	47 26	47 29	45 34	57 32	53 37	54 45	52 39	47 25	62 38	62 40	43 29	55.6 37.6	
LEONARDTOWN	MAX MIN	72 56	69 56	55 38	70 41	80 59	77 55	45 36	54 33	54 29	57 27	62 47	71 33	77 53	67 43	56 42	42 19	42 18	50 27	52 28	47 27	58 40	57 33	58 28	60 46	56 38	53 20	65 43	64 32	45 20	59.3 35.6	
MIDDLE RIVER 1 N	MAX MIN	67 54	57 38	55 26	64 43	73 48	72 50	51 36	47 32	54 27	56 27	55 35	60 35	61 28	69 55	60 40	49 42	53 34	36 20	45 19	48 18	46 28	55 27	53 26	56 46	54 38	47 22	63 28	61 40	42 29	55.2 33.6	
MILLINGTON	MAX MIN	62 58	58 40	50 28	64 42	70 50	75 58	58 38	45 34	52 32	55 27	58 38	63 51	65 31	75 54	52 42	50 38	40 20	44 19	48 20	50 30	48 28	58 35	58 29	60 45	45 37	60 30	66 36	62 42	25 25	56.1 35.9	
NATIONAL ARBORETUM D C	MAX MIN	68 57	60 46	54 34	69 47	76 61	76 53	53 37	39 30	55 28	56 30	57 32	60 44	66 33	70 56	66 42	51 44	51 38	38 21	50 27	48 24	46 36	58 35	54 30	58 46	53 26	48 26	66 43	65 30	46 26	57.4 37.8	
OAKLAND 1 SE	MAX MIN	56 44	48 33	53 17	75 48	71 58	67 58	35 26	45 17	48 32	55 27	57 35	61 32	65 41	64 38	45 30	55 27	29 17	38 6	51 22	58 9	49 28	58 19	49 30	51 45	47 20	40 17	50 38	42 27	16 16	50.8 27.1	
OCEAN CITY	MAX MIN	65 45	63 39	52 34	66 45	73 58	72 50	45 40	49 40	49 41	58 38	60 48	65 52	65 47	61 47	48 43	47 30	45 30	51 28	48 37	57 40	58 38	56 51	60 36	60 36	52 36	62 31	62 29	42 27	45 27	56.1 39.5	
OWINGS FERRY LANDING	MAX MIN	69 57	60 43	52 28	68 45	78 59	74 51	52 36	46 30	53 28	57 36	62 42	64 31	73 54	66 41	51 35	42 25	36 19	50 23	48 23	45 34	57 33	53 28	59 46	55 38	49 24	67 43	65 42	44 23	56.8 36.1		
PARKTON 2 SW	MAX MIN	62 42	54 32	49 26	62 43	71 43	70 40	42 30	45 27	50 27	55 30	55 31	56 34	61 31	62 46	48 36	46 38	51 21	31 16	43 17	45 21	45 33	51 27	50 30	51 44	46 26	41 23	61 32	60 34	40 24	51.3 30.8	
PICARDY	MAX MIN	56 48	53 37	56 24	63 43	73 59	70 42	43 30	46 18	52 34	58 28	59 42	56 35	63 35	70 52	53 48	48 25	46 26	42 11	44 25	46 20	54 29	60 31	51 34	52 40	49 31	41 28	48 26	52 32	29 21	52.6 31.4	
PIKESVILLE POL BRKS	MAX MIN	62 55	56 44	51 30	65 45	72 56	73 50	47 35	53 29	53 30	58 34	55 34	60 43	61 35	62 55	62 39	47 42	53 35	35 17	45 23	47 25	45 34	55 30	52 33	54 44	50 36	45 26	62 37	60 41	39 23	53.9 36.3	
POCOMOKE CITY 1 S	MAX MIN	72 54	64 37	52 28	69 45	79 59	78 60	37 36	45 42	56 42	56 28	60 43	66 40	73 46	66 47	51 46	49 22	48 20	50 22	47 26	55 26	57 41	59 28	65 50	65 38	50 25	69 37	72 41	41 33	42 26	59.6 37.2	
PRESTON 1 S	MAX MIN	68 57	62 41	51 31	66 42	78 59	78 57	58 37	45 37	53 33	54 31	57 31	59 34	69 35	75 55	62 44	51 42	54 22	42 23	47 23	47 22	48 31	55 38	56 30	64 47	63 37	48 26	68 41	66 44	42 27	57.7 37.7	
PRINCE FREDERICK	MAX MIN	67 59	60 48	61 37	79 42	75 48	49 34	44 31	51 27	55 28	55 38	56 31	64 35	75 42	66 54	56 40	36 18	40 36	46 18	40 20	46 18	50 32	54 33	54 46	59 36	56 40	69 26	65 41	44 34	44 27	56.4 34.2	
PRINCESS ANNE	MAX MIN	70 53	61 33	52 27	68 46	78 51	79 63	48 34	44 33	55 34	56 26	60 28	63 40	68 34	75 48	67 44	51 40	54 21	44 18	49 19	50 25	57 37	60 27	66 48	65 36	64 22	71 33	66 42	46 32	43 20	59.3 35.0	
RANDALLSTOWN POL BRKS	MAX MIN	63 53	55 43	50 29	67 44	71 56	72 49	50 35	47 27	53 28	54 32	55 43	57 32	60 32	63 54	62 40	40 34	47 16	44 20	35 26	44 34	55 30	57 30	51 44	45 30	65 41	62 31	60 41	29 21	53.7 35.2		
ROCK HALL 3 N	MAX MIN	67 54	57 41	52 35	65 45	76 57	75 52	47 36	53 33	53 28	57 28	56 29	60 39	67 30	72 55	63 40	48 38	53 20	39 22	46 22	46 30	54 34	56 28	60 44	55 38	47 31	63 35	64 42	44 31	46 26	56.1 36.1	
ROCKVILLE	MAX MIN	66 53	61 42	52 31	66 46	74 48	74 51	46 35	52 28	55 30	55 32	53 44	59 46	63 35	63 55	49 39	51 37	38 19	46 22	44 25	45 37	52 33	51 36	44 44	50 39	44 21	64 38	62 40	43 28	54.3 36.1		
ROYAL OAK	MAX MIN	69 57	62 43	53 37	67 44	78 57	77 54	58 37	44 31	52 31	55 32	58 34	59 41	70 36	73 53	48 43	49 43	53 23	43 23	50 25	49 33	54 39	56 32	59 48	58 39	51 28	65 43	63 45	43 28	57.0 38.8		
SALISBURY	MAX MIN	70 53	63 40	53 31	68 38	79 58	80 65	72 36	45 36	56 41	57 31	63 43	63 37	69 52	75 46	67 43	45 46	55 46	47 23	50 22	49 24	50 29	58 40	61 32	65 48	65 39	51 27	71 39	67 45	43 26	60.0 38.5	
SALISBURY POLICE BRKS	MAX MIN	67 53	60 38	55 31	66 43	78 57	78 64	70 34	43 41	55 41	58 28	60 40	68 36	72 42	63 54	63 44	48 42	53 21	45 18	49 22	49 27	58 38	60 30	63 47	63 37	50 24	65 37	65 44	46 31	40 23	58.0 37.0	
SALISBURY FAA AIRPORT	MAX MIN	68 42	55 40	52 33	68 50	78 61	80 46	46 37	44 37	54 33	54 31	58 29	61 40	64 52	70 45	60 43	49 29	54 22	33 21	49 24	49 30	55 32	61 31	65 52	59 32	40 26	70 44	6				

DAILY TEMPERATURES

MARYLAND AND DELAWARE
NOVEMBER 1959

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	
STEVENSVILLE 1 W	MAX	64	62	48	60	68	70	60	43	47	53	56	57	59	73	65	46	52	45	44	44	46	52	55	60	58	65	63	63	46	43	55.0	
	MIN	57	48	30	48	56	58	36	33	36	38	36	46	33	60	42	40	42	22	25	33	33	37	32	46	41	31	39	44	33	27		
TAKOMA PARK MISS AVE	MAX	67	56	53	67	75	74	51	48	54	57	56	59	64	67	62	50	53	34	48	46	45	57	54	54	52	46	64	44	43	43	55.4	
	MIN	53	44	28	45	56	50	35	28	27	31	29	41	32	55	39	41	33	18	23	22	33	30	30	44	37	23	34	41	28	22		
TOWSON	MAX	65	69	52	67	73	75	55	48	55	58	56	60	60	67	65	50	52	39	45	48	45	56	54	57	52	46	64	64	44	40	56.0	
	MIN	56	40	27	51	55	55	36	30	26	27	28	37	29	55	40	39	39	18	19	19	36	29	28	47	39	26	38	43	29	22		
UNIONVILLE	MAX	63	55	51	65	74	72	50	44	51	57	56	56	63	63	61	48	51	32	45	47	45	54	53	51	50	43	63	62	41	43	53.6	
	MIN	51	37	25	45	58	50	35	23	20	21	22	42	26	56	37	31	26	17	18	17	32	24	25	44	30	21	27	40	29	22		
U S SOLDIERS HOME D C	MAX	69	57	52	67	74	74	45	49	55	57	55	60	65	68	51	49	52	34	48	47	45	58	52	55	50	46	65	65	41	46	55.0	
	MIN	46	38	30	49	59	44	34	30	31	35	36	42	38	49	39	42	25	19	26	28	36	33	35	45	28	26	39	36	25	23		
UPPER MARLBORO 3 NW	MAX	62	68	55	54	69	77	77	40	48	55	57	56	60	65	74	47	50	52	33	49	47	46	52	53	60	49	50	67	49	39	55.3	
	MIN	52	39	27	37	52	64	37	30	25	25	26	38	29	34	42	42	43	20	21	18	30	33	26	46	39	22	24	49	30	21		
VIENNA	MAX	69	61	56	68	75	77	46	54	55	58	58	62	71	74	65	52	55	47	50	50	50	55	58	63	62	50	68	66	48	43	58.9	
	MIN	47	44	33	44	52	65	36	38	35	32	31	45	37	55	45	43	46	23	25	24	34	38	31	48	38	28	42	44	35	26		
VIERS HILL	MAX	66	66	52	73	71	52	47	53	56	58	58	65	65	64	50	51	32	48	45	46	57	53	52	53	46	64	64	42	44	54.9		
	MIN	51	46	27	47	51	36	28	25	27	29	45	30	56	39	40	31	19	23	22	37	30	29	40	36	23	37	40	28	24			
WALDORF POLICE BRKS	MAX																																
	MIN																																
WASHINGTON WB CITY DC	MAX	66	55	53	69	75	75	43	49	55	58	56	58	66	67	50	50	52	33	50	48	46	58	52	54	49	47	64	64	39	46	54.9	
	MIN	50	39	34	51	61	43	36	32	31	35	38	45	38	49	41	44	26	21	28	28	38	34	35	48	32	30	45	37	28	26		
WATERLOO POLICE BRKS	MAX	62	57	50	62	72	70	53	45	53	55	54	57	57	67	62	45	50	35	45	45	45	55	54	55	50	46	62	60	42	43	53.6	
	MIN	55	40	27	44	56	53	37	30	25	27	28	38	30	55	40	40	35	20	20	19	30	28	28	40	39	23	39	42	30	19		
WESTERNPORT	MAX	63	54	54	62	74	58	44	49	54	59	60	58	64	65	50	45	48	38	45	44	50	62	47	48	49	42	45	46	36	38	51.7	
	MIN	52	34	25	46	51	43	32	24	24	26	29	40	26	44	33	29	26	14	27	19	29	29	31	40	28	25	28	35	25	24		
WESTMINSTER	MAX	61	53	49	62	71	70	49	43	50	54	54	55	60	62	57	46	50	31	42	44	45	50	50	51	50	40	60	58	39	39	51.5	
	MIN	53	41	27	42	57	49	33	24	24	27	37	38	31	53	37	33	31	15	20	21	33	27	32	42	34	24	34	39	24	21		
WOODSTOCK	MAX	63	54	53	66	73	73	50	48	53	51	55	58	62	64	62	48	51	34	45	48	46	55	55	51	52	47	62	63	41	41	54.1	
	MIN	54	39	27	43	56	50	35	28	21	24	25	38	26	56	38	41	33	18	18	18	32	28	26	44	36	22	34	40	28	24		
DELAWARE																																	
BRIDGEVILLE 1 NW	MAX	68	61	51	66	77	78	67	45	53	54	57	60	67	72	65	52	53	46	46	47	48	55	57	64	65	47	68	67	45	41	58.1	
	MIN	52	42	29	41	56	65	36	37	37	31	29	35	35	55	44	42	46	21	21	22	30	37	30	48	38	26	40	45	33	25		
DOVER	MAX	68	61	52	69	80	79	65	45	52	54	59	61	65	75	65	50	53	45	46	47	48	53	57	62	62	50	70	67	43	42	58.2	
	MIN	57	41	29	41	54	65	36	37	26	31	31	37	33	53	43	40	44	21	23	23	32	35	32	44	38	29	35	43	32	25		
GEORGETOWN 5 SW	MAX	68	60	52	60	80	80	74	45	53	55	60	60	67	76	67	48	53	47	47	48	51	55	58	64	65	49	70	67	46	41	58.9	
	MIN	53	40	26	41	58	65	36	36	41	28	27	38	33	53	45	43	46	22	20	20	27	38	30	48	38	25	40	45	33	25		
LEWES 1 SW	MAX	69	56	51	69	79	79	54	45	45	50	58	56	62	73	65	46	53	40	32	42	51	49	54	63	58	48	68	65	42	43	55.5	
	MIN	56	42	30	45	59	54	39	39	42	32	30	40	40	47	46	43	40	22	22	27	30	38	32	49	40	25	44	42	32	25		
MIDDLETOWN 2 S	MAX	68	58	52	68	80	78	52	44	52	56	58	59	63	77	64	49	54	38	46	48	48	54	58	62	54	48	67	68	39	41	56.8	
	MIN	46	44	29	44	54	45	38	36	31	30	30	42	34	52	42	42	26	22	22	36	34	30	48	32	32	38	38	32	28			
MILFORD	MAX	68	60	52	62	79	79	58	45	52	54	58	60	63	75	65	50	53	44	45	45	49	52	57	62	65	57	68	67	45	42	57.7	
	MIN	55	42	28	41	57	58	38	36	35	30	29	38	35	50	43	41	42	26	22	22	31	36	30	48	36	27	36	43	32	25		
NEWARK UNIVERSITY FARM	MAX	65	59	49	64	77	75	53	46	55	59	57	56	63	74	65	48	51	39	43	45	45	54	54	60	60	43	65	65	41	39	55.6	
	MIN	56	42	27	39	49	52	36	34	29	29	28	37	30	54	41	41	36	20	21	24	30	33	30	46	39	28	35	41	30	23		
SELBYVILLE	MAX	68	63	53	70	79	79	69	50	53	55	59	63	65	75	66	49	53	48	48	46	51	55	60	63	62	51	68	65	46	42	59.1	
	MIN	55	38	28	41	59	63	33	37	42	29	27	41	35	46	46	42	45	21	20	21	25	39	30	48	38	24	40	45	31	25		
WILMGTON NCASTLE WB AP	MAX	64	55	48	63	76	74	47	46	53	54	56	57	61	70	55	48	52	31	44	45	46	53	53	59	54	43	66	66	37	42	53.9	
	MIN	47	39	28	47	55	46	37	36	32	32	32	35	36	53	42	41	25	21	22	23	34	33	32	47	31	28	40	37	26	24		
WILMINGTON PORTER RESVR	MAX	63	53	48	62	75	72	45	44	51	53	54	56	59	70	50	47	50	30	42	44	46	56	53	58	55	41	65	61	36	40	52.6	
	MIN	47	40	29	47	52	45	35	35	32	34	33	38	37	50	41	39	24	18	24	26	34	35	36	45	31	28	39	35	27	25		

EVAPORATION AND WIND

Station		Day of month																															Total or Avr.
		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 MARLBORO 3 KNW, MD.	EVAP	-	.24	.08	.09	.03	.11	.04	.04	.05	.05	.04	.07	.04	.09	.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1217	
	WIND	30	51	53	38	61																											

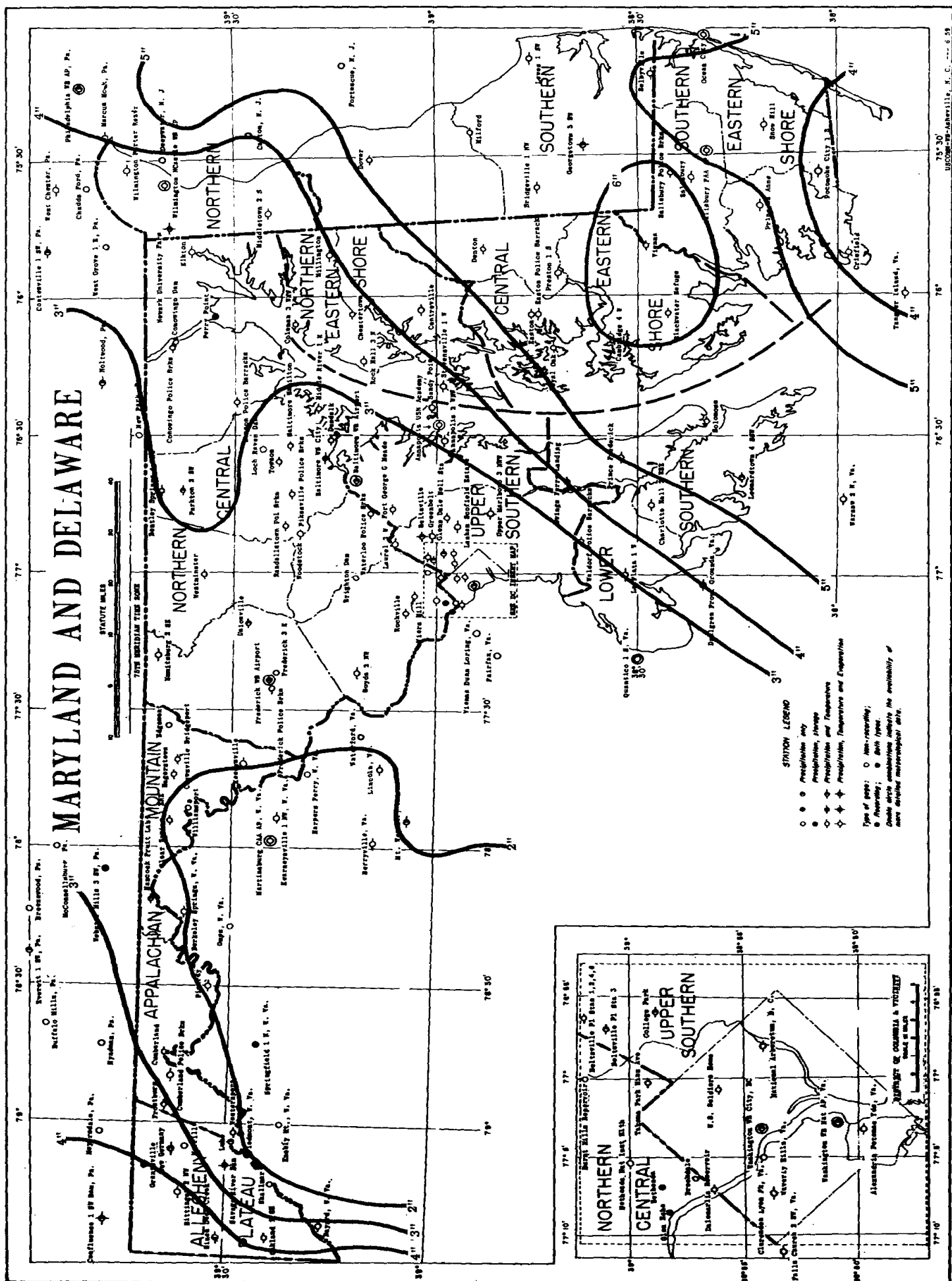
SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
NOVEMBER 1959

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																																			
BITTINGER 2 NW																	.4	T	T	T						3.8	4	1	1.5	2.8	T	4			
CHESTERTOWN																										T									
CONOWINGO DAM																	T									T									
CUMBERLAND																		T	T							T	T					.2			
DUNDALK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FORT GEORGE G MEADE																											T								
GLENM DALE BELL STA																											T								
HAGERSTOWN																											T						T		
KEEDYSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
OAKLAND 1 SE			.3						.3																										
OCEAN CITY																	T																		
PARKTON 2 SW																											T								
SALISBURY FAA AIRPORT																																	T		
SAVAGE RIVER DAM																																	T		
SNOW HILL																																		T	
UNIONVILLE																																		T	
WESTMINSTER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WOODSTOCK																																			T
DELAWARE																																			
BRIDGEVILLE 1 NW																																			T
GEORGETOWN 5 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MIDDLETOWN 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWARK UNIVERSITY FARM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILMINGTON NCASTLE WB AP																																			T

TOTAL PRECIPITATION

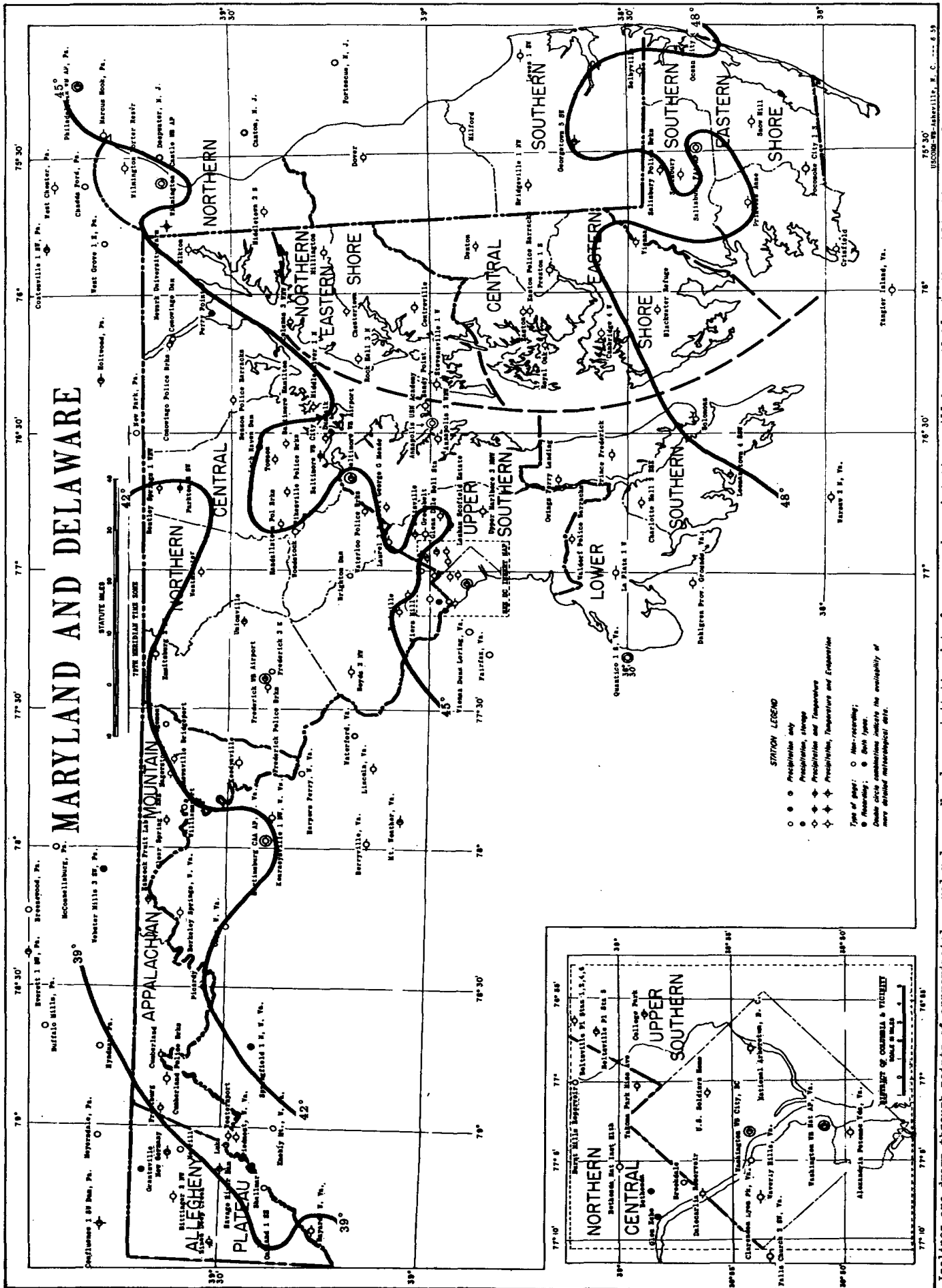
MARYLAND AND DELAWARE
NOVEMBER 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

MARYLAND AND DELAWARE
NOVEMBER 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

MARYLAND AND DELAWARE
NOVEMBER 1959

STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	WIND	SPECIAL	
MARYLAND											
ANNAPOLIS U S M ACADEMY	0185	ANNE ARUNDEL	1	38 59	76 28	10	MID	MID		HJ	U.S. NAVY
ANNAPOLIS 2 WNW	0193	ANNE ARUNDEL	1	38 59	76 31	45	4P	6P		C H	RADIO STATION WNAV
BALTIMORE WB AIRPORT	0465	ANNE ARUNDEL	3	39 11	76 40	144	MID	MID		C H	U.S. WEATHER BUREAU
BALTIMORE WB CITY	0470	BALTO CITY	3	39 17	76 37	14	MID	MID		C H	U.S. WEATHER BUREAU
BALTIMORE HAMILTON	0475	BALTO CITY	1	39 21	76 33	330	5P	5P			W. M. KINNEERS, JR.
BELTSVILLE PLANT STA 1	0700	PRINCE GEORGE	5	39 02	76 53	120	8A	8A		BA C	CHESTER H. GORDON
BELTSVILLE PLANT STA 2	0702	PRINCE GEORGE	5	39 02	76 56	136	9A	9A			USDA PLANT IND. STA.
BELTSVILLE PLANT STA 4	0704	PRINCE GEORGE	5	39 02	76 56	245	9A	9A			USDA PLANT IND. STA.
BELTSVILLE PLANT STA 5	0705	PRINCE GEORGE	5	39 01	76 57	100	9A	9A		C	USDA PLANT IND. STA.
BELTSVILLE PLANT STA 6	0706	PRINCE GEORGE	5	39 01	76 57	215	9A	9A			USDA PLANT IND. STA.
BENSON POLICE BARRACKS	0732	HARFORD	1	39 30	76 23	365	5P	5P			MD. STATE POLICE
BENTLEY SPRINGS 1 WNW	0737	BALTIMORE	1	39 41	76 42	730	5P	5P			CARL A. PITTINGER
BETHESDA	0785	MONTGOMERY	5	38 58	77 07	320				C	CORPS OF ENGINEERS
BETHESDA NAT INST HLTH	0800	MONTGOMERY	5	39 00	77 06	310	6P	6P			NAT. INST. OF HEALTH
BITTINGER 2 NW	0881	GARRETT	7	39 37	79 15	2700	7P	7P		H	ELBERT E. BUCKEL
BLACKWATER REFUGE	0915	DORCHESTER	1	38 26	76 08	5	4P	4P			NAT. WILDLIFE REFUGE
BOYS 2 NW	1032	MONTGOMERY	5	39 12	77 20	580	6P	6P			RALPH F. STALEY
BRIGHTON DAM	1125	MONTGOMERY	4	39 12	77 01	350	8A			C	WASH. SUB. SANIT. COMM.
BROOKDALE	1170	MONTGOMERY	5	38 57	77 06	260	7P			H	J. FRANCIS DASHIELL
BURN MILLS RESERVOIR	1278	MONTGOMERY	5	39 02	77 00	220	8A				B. M. JESTER
CAMBRIDGE 4 W	1385	DORCHESTER	1	38 36	76 09	5	4P	6P		H	D ARCY MC B. HARDING
CENTREVILLE	1427	QUEEN ANNES	1	39 03	76 03	46	6P	6P			ALEXANDER J. KNIGHT
CHARLOTTE HALL 2 ESE	1485	ST MARYS	4	38 28	76 45	187	6P	6P		H	J. B. TENNYSON
CHESTERTOWN	1750	KENT	1	39 13	76 04	35	11P	11P		H	W. V. ELIASON, JR.
CHEWINGVILLE BRIDGEPORT	1790	WASHINGTON	5	39 38	77 41	560	5S	5S			D. PAUL OSWALD
CLEAR SPRING 1 ENE	1890	WASHINGTON	5	39 40	77 54	580	5P	5P			MRS. L. A. COHILL
COLLEMAN 3 WNW	1980	KENT	1	39 21	76 08	78	4P	6P			W. B. MARRIS
COLLEGE PARK	1995	PRINCE GEORGE	5	38 59	76 56	70	5P	5P		C H	U.S. GEOL. SURVEY
CONOWINGO DAM	2060	HARFORD	6	39 39	76 10	40	MID	MID			SUSQUEHANNA ELECTRIC CO.
CONOWINGO POLICE BRKS	2065	HARFORD	6	39 39	76 11	195	5P	5P			MD. STATE POLICE
CRISFIELD HAMMOCK PT	2205	SOMERSET	1	37 58	75 52	7	5P	5P			GEORGE M. STAPLES, III
CUMBERLAND	2280	ALLEGANY	5	39 39	78 45	945	6P	6P		H	R. R. GOLDEN
CUMBERLAND POLICE BRKS	2285	ALLEGANY	5	39 38	78 50	970	5P	5P			MD. STATE POLICE
DENTON	2523	CAROLINE	1	38 53	75 50	20	6P	6P		H	JAMES K. COOPER
DUNDALK	2660	BALTIMORE	3	39 16	76 31	50	6P	6P		H	W. A. MEISENHOLDER
EASTON	2695	TALBOT	1	38 46	76 04	28					INACTIVE 5/59
EASTON POLICE BRKS	2700	TALBOT	1	38 45	76 04	10	MID	5P			MD. STATE POLICE
EDGEWOOD	2770	WASHINGTON	5	39 40	77 33	905	8A				LEE G. HARRIS
EDGEWOOD ARSENAL	2795	HARFORD	1	39 21	76 19	10	MID	7A			U.S. ARMY SIGNAL CORPS
ELKTON	2860	CECIL	1	39 56	75 50	28	4P	6P			H. W. BOUCHELLE
EMMITSBURG 2 SE	2906	FREDERICK	5	39 41	77 18	420	5P	5P		H	MRS. LUCILLE E. BEALE
FORT GEORGE G MEADE	3230	ANNE ARUNDEL	4	39 06	76 45	140	5P	5P			FILTRATION PLANT
FREDERICK POLICE BRKS	3348	FREDERICK	5	39 25	77 26	380	5P	5P			MD. STATE POLICE
FREDERICK WB AIRPORT	3350	FREDERICK	5	39 25	77 23	294	MID	MID		C H	U.S. WEATHER BUREAU
FREDERICK 3 E	3355	FREDERICK	5	39 24	77 22	385	8A				MRS. GLENNA R. STALEY
GLEN ECHO	3410	ALLEGANY	5	39 39	78 56	2035	6P	6P			C. A. SUTER, JR.
GLENN DALE BELL STA	3645	MONTGOMERY	5	38 58	77 09	150				C	CORPS OF ENGINEERS
GRANTSVILLE	3675	PRINCE GEORGE	4	38 58	76 48	151	4P	4P		C H	PLANT INTRO. GARDEN
GREENBELT	3860	PRINCE GEORGE	5	39 01	76 52	200	7A	7A		H	FLOYD J. MILLER
HAGERSTOWN	3975	WASHINGTON	5	39 39	77 44	640	6P	6P		H	RALPH E. TRUESDELL
HARCOCK FRUIT LAB	4030	WASHINGTON	5	39 42	78 11	428	8A	8A		C H	HAGERSTOWN RESERVOIR
KEYSVILLE	4780	WASHINGTON	5	39 29	77 42	420	6P	6P			U. OF MD. FRUIT LAB.
LANHAM SCOFIELD EST	5050	PRINCE GEORGE	5	38 57	76 50	200	7A	7A			H TRAVIS D. KNODE
LA PLATA 1 W	5080	CHARLES	5	38 32	77 00	140	5P	5P		H	FRANCIS SCOFIELD
LAUREL 3 W	5111	PRINCE GEORGE	4	39 06	76 54	400	5P	5P			C. RUSSELL LEVERING
LEONAROTOWN	5201	ST. MARYS	5	38 19	76 40	40	5P	5P		C H	PATUXENT FILT. PLANT
LOCH RAVEN DAM	5340	BALTIMORE	1	39 26	76 33	190	5P				RADIO STATION WKIK
LUXE	5530	ALLEGANY	5	39 28	79 04	1020	8A			C	CITY OF BALTIMORE
MERRILL	5894	GARRETT	5	39 36	79 05	1790	8A				J. G. PATRICK
MIDDLE RIVER 1 N	5917	BALTIMORE	1	39 21	76 27	60	6P	6P			DELWOOD E. MERRILL
MILLINGTON	5985	KENT	1	39 16	75 51	30	6P	6P		H	MRS. MILDRED L. MENKEL
NEW GERMANY	6408	GARRETT	5	39 38	79 07	2590				C	LOUIS H. HOLLETT
OAKLAND 1 SE	6620	GARRETT	7	39 24	79 24	2420	5P	5P		C	ARCHIE BITTINGER

1-CHESAPEAKE, 2-COASTAL, 3-PATAPSCO, 4-PATUXENT, 5-POTOMAC, 6-SUSQUEHANNA, 7-YOUGHTIOGHEMY

STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	WIND	SPECIAL	
DELAWARE											
OCEAN CITY	6665	WORCESTER	2	38 20	75 05	17	MID	MID			U.S. COAST GUARD
OWINGS FERRY LANDING	6770	CALVERT	4	38 42	76 41	120	7P	7P		H	THOMAS J. BOURNE
PARKTON 2 SW	6880	BALTIMORE	1	39 38	76 42	400	11P	11P		C H	JOHN R. FOX
PERRY POINT	6980	CECIL	1	39 33	76 04	40	5P	5P		C H	VETERANS ADMINISTRATION
PICARDY	7010	ALLEGANY	5	39 35	78 30	1030	6P	6P			POTOMAC HLND. ORCHARD
PIKESVILLE POL BRKS	7015	BALTIMORE	3	39 23	76 43	500	5P	5P			MD. STATE POLICE
POCONOKE CITY 1 S	7140	WORCESTER	1	38 03	75 34	20	5P	5P		H	RADIO STATION WDMV
PRESTON 1 S	7310	CAROLINE	1	38 42	75 55	50	6P	6P		H	FRANKLIN D. NUSSBAUM
PRINCE FREDERICK	7325	CALVERT	1	38 32	76 35	140	5P	5P			BOYD KING
PRINCESS ANNE	7330	SOMERSET	1	38 12	75 41	15	5P	5P		H	TOWN OF PRINCESS ANNE
RANDALLSTOWN POL BRKS	7435	BALTIMORE	3	39 23	76 50	625	5P	5P			MD. STATE POLICE
ROCK HALL 3 N	7700	KENT	1	39 11	76 14	20	6P	6P			R. L. ENORE
ROCKVILLE	7705	MONTGOMERY	5	39 05	77 09	436	4P	4P			COUNTY POLICE
ROYAL OAK	7804	TALBOT	1	38 43	76 11	10	5P	5P		H	J. L. SHAINES, JR.
SALISBURY	8000	WICOMICO	1	38 22	75 35	10	5P	5P			CITY OF SALISBURY
SALISBURY POLICE BRKS	8003	WICOMICO	1	38 25	75 34	42	5P	5P		H	MD. STATE POLICE
SALISBURY FAA AIRPORT	8005	WICOMICO	1	38 20	75 30	52	MID	MID			FED. AVIATION AGENCY
SANDY POINT	8030	ANNE ARUNDEL	1	39 01	76 24	10	5P	5P			G. W. PHILLIPS
SAVAGE RIVER DAM	8065	GARRETT	5	39 31	79 00	1495	8A	8A		BA C	UPPER POTOMAC RVR. COMM.
SHALLMAR	8191	GARRETT	5	39 23	79 12	1700					CLARENCE B. KIMBLE
SINES DEEP CREEK	8315	GARRETT	7	39 31	79 25	2038	MID	7A		C	PA. ELECTRIC CO.
SNOW HILL	8380	WORCESTER	1	38 11	75 24	14	6P	6P			FRED W. SEILING
SOLOMONS	8405	CALVERT	1	38 19	76 27	12	6P	6P			CHESAPEAKE BIOL. LAB.
STEVENSVILLE 1 W	8420	DORCHESTER	1	38 29	75 50	12	6P	6P			G. W. PHILLIPS
TAKOMA PARK MISS AVE	8725	MONTGOMERY	5	39 59	77 00	230	6P	6P			O. L. HARVEY
TONSON	8877	BALTIMORE	3	39 24	76 37	410	6P	6P			BALTIMORE COUNTY JAIL
UNIONVILLE	9030	FREDERICK	5	39 27	77 11	436	6P	6P		C H	G. P. VOR EIFF, JR.
UPPER MARLBORO 3 N	9070	PRINCE GEORGE	4	38 52	76 47	98	9A	9A		BA	TOBACCO EXP. FARM
VIENNA	9140	DORCHESTER	1	38 29	75 50	12	6P	6P			ERW. SMORE PUB. SVC. CO.
VIERS HILL	9187	MONTGOMERY	5	39 03	77 05	300	7A	7A			JOHN BORJES
WALDORF POLICE BRKS	9195	CHARLES	5	38 39	76 53	210	3P	3P			MD. STATE POLICE
WATERLOO POLICE BRKS	9230	HOWARD	3	39 10	76 47	230	5P	5P			MD. STATE POLICE
WESTERPORT	9405	ALLEGANY	5	39 29	79 03	1000	6P	6P			MORRIS BRUCE
WESTMINSTER	9435	CARROLL	1	39 35	77 00	770	5P	5P		H	H. J. MATIAS
WILLIAMSPORT	9570	WASHINGTON	5	39 37	77 51	360	7A	7A			HAGERSTOWN WTR. PLANT
WOODSTOCK	9730	BALTIMORE	3	39 20	76 52	415	6P	6P		H	WOODSTOCK COLLEGE
DISTRICT OF COLUMBIA											
DALECARLIA RESERVOIR	2325		5	38 56	77 07	146	5P	5P			CORPS OF ENGINEERS
NATIONAL ARBORETUM	6350		5	38 54	76 58	70	4P	4P			U.S. NAT. ARBORETUM
U.S. SOLDIERS HOME	9035		5	38 56	77 01	230	MID	MID			U.S. SOLDIERS HOME
WASHINGTON WB CITY	9290		5	38 54	77 03	72	MID	MID		C H	U.S. WEATHER BUREAU
DE											

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 preceding 12 months will be carried in the June 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.

Long-term means for full-time stations (Those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

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 "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.

AM Data based on observational day ending before noon.

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.