

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
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CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JULY 1961
Volume 65 No. 7



ASHEVILLE: 1961

MARYLAND AND DELAWARE - JULY 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 100° on the 23rd at Easton Airport, Md.

Lowest Temperature: 36° on the 10th at Oakland 1 SE, Md.

Greatest Total Precipitation: 7.99 inches at Bridgeville 1 NW, Del.

Least Total Precipitation: 1.26 inches at Milford 3 WNW, Del.

Greatest One-Day Precipitation: 4.60 inches on the 24th at Bridgeville
1 NW, Del.

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JULY 1961

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.								Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
										90° or Above	80° or Below	70° or Below	60° or Below										
MARYLAND																							
SOUTHERN EASTERN SHORE																							
CRISFIELD HAMMOCK PT	86.7	74.2	80.5	1.1	94	25+	63	10	0	9	0	0	0	1.98	- 3.01	1.09	6	.0	0		4	1	1
POCONOKE CITY 1 S	87.3	64.7	76.0		95	25	49	11	0	13	0	0	0	1.83		.95	6	.0	0		4	1	0
PRINCESS ANNE	88.7	65.2	77.0		97	23	50	11	0	17	0	0	0	1.88		.95	6	.0	0		4	2	0
SALISBURY	88.1	67.4	77.8		97	25+	55	11	0	15	0	0	0	2.69	- 1.53	1.35	23	.0	0		5	2	1
SALISBURY POLICE BRKS	87.8	66.6	77.2		98	21	51	11	0	14	0	0	0	1.76		.62	6	.0	0		3	3	0
SALISBURY FAA AIRPORT	87.2	68.6	77.9		96	22	56	11+	0	11	0	0	0	3.87		1.25	22	.0	0		6	3	2
SNOW HILL	88.4	67.3	77.9	1.1	96	25+	55	11+	0	17	0	0	0	2.81	- 1.93	1.12	8	.0	0		6	2	1
DIVISION			77.8	.4										2.40	- 2.22			.0					
CENTRAL EASTERN SHORE																							
BLACKWATER REFUGE	87.8	71.3	79.6		96	24	58	10	0	13	0	0	0	3.98		1.53	14	.0	0		7	3	2
CAMBRIDGE 4 W	85.7	67.4	76.6		94	23	55	11	0	6	0	0	0	3.94		1.60	14	.0	0		7	2	1
EASTON AIRPORT	87.5	68.3	77.9	.7	100	23	58	10	0	11	0	0	0	1.38	- 2.95	.40	15	.0	0		6	0	0
PRESTON 1 S	87.2	66.9	77.1		96	23	57	10	0	10	0	0	0	3.53		2.34	31	.0	0		4	2	1
ROYAL OAK	87.0	69.5	78.3		95	23	60	10	0	12	0	0	0	3.12		1.65	31	.0	0		5	2	1
VIENNA	87.7	68.6	78.2		96	23	56	10	0	14	0	0	0	1.85		.57	6	.0	0		5	1	0
DIVISION			78.0	.8										2.97	- 1.60			.0					
LOWER SOUTHERN																							
CHARLOTTE HALL 1 ESE			M		95	23																	
LA PLATA 1 W	87.2	63.9	75.6		94	23	50	10	0	11	0	0	0	4.45		2.06	14	.0	0		5	3	1
LEONARDTOWN 3 NW	85.3	64.9	76.6		96	23	50	11	0	16	0	0	0	1.83		.94	6	.0	0		4	1	0
OWINGS FERRY LANDING	87.1M	66.3M	76.7M	.3	95	23+	53	10	0	9	0	0	0	4.84	.82	1.54	14	.0	0		7	4	1
PRINCE FREDERICK	87.5M	63.6M	75.6M		94	23	50	11	1	15	0	0	0	5.12		2.40	14	.0	0		8	4	1
SOLOMONS	87.2	71.0	79.1	.1	94	23+	61	10	0	12	0	0	0	3.04	- 2.19	1.20	14	.0	0		5	2	1
WALDORF POLICE BRKS	89.1	64.3	76.7		97	24	51	10	0	20	0	0	0	4.54		1.60	14	.0	0		5	5	1
DIVISION			76.7	.5										3.97	- .88			.0					
UPPER SOUTHERN																							
ANNAPOLIS U S N ACADEMY	84.7	70.2	77.5	.1	92	23+	62	9+	0	6	0	0	0	2.36	- 1.54	.84	13	.0	0		7	1	0
BALTIMORE WB AIRPORT	86.6	66.4	76.5	.2	95	23+	55	10	0	9	0	0	0	4.57	.63	1.73	24	.0	0		7	3	2
BELTSVILLE	86.9	64.2	75.6		95	25+	50	10	0	9	0	0	0	3.28		1.32	25	.0	0		9	1	1
BELTSVILLE PLANT STA 5	86.7	62.9	74.8		94	24+	50	11+	0	8	0	0	0	2.73		.79	25	.0	0		10	1	0
COLLEGE PARK	88.9	65.9	77.4	.6	97	23	53	11+	0	16	0	0	0	3.25	- .63	1.22	25	.0	0		10	1	1
DALECARLIA RESERVOIR DC	86.9	67.1M	77.0M		96	24	54	10	0	12	0	0	0	2.46		.83	29	.0	0		6	2	0
FORT GEORGE G MEADE	87.3	63.8	75.6		95	23	51	10	0	13	0	0	0	3.20		.78	16	.0	0		7	3	0
GLENN DALE BELL STA	89.1	62.2	75.2	.8	95	23+	48	10	1	14	0	0	0	2.81	- 1.49	.48	14	.0	0		10	0	0
LAUREL 3 W	87.4	67.3	77.4		95	23+	57	9	0	14	0	0	0	2.94		.75	14	.0	0		8	2	0
NATIONAL ARBORETUM D C	87.5	67.1	77.3		96	23	55	9	0	12	0	0	0	5.43		1.34	24	.0	0		9	5	1
U S SOLDIERS HOME D C	86.3	64.7	75.5		94	22+	54	10	0	9	0	0	0	6.44		1.85	29	.0	0		8	5	3
UPPER MARLBORO 3 NNW	86.4	64.4	75.4		94	24	51	10	0	10	0	0	0	4.29		1.05	30	.0	0		9	4	2
WASHINGTON WB CITY DC	87.2	69.3	78.3	.5	95	22	58	9	0	13	0	0	0	2.99	- 1.12	.97	24	.0	0		7	2	0
DIVISION			76.4	.5										3.60	- .51			.0					
NORTHERN EASTERN SHORE																							
CENTREVILLE	86.1M	66.6	76.4M		93	14	57	10	0	7	0	0	0					.0	0				
CHESTERTOWN	86.7	68.5	77.6		95	23	58	10	0	8	0	0	0	2.77		.81	16	.0	0		7	2	0
COLEMAN 3 NNW	87.2	68.0	77.6	.1	95	23	60	10	0	11	0	0	0	4.31	.46	.86	29	.0	0		10	3	0
MILLINGTON	86.5	64.2	75.4	1.3	96	23	54	11+	0	12	0	0	0	3.07	- .85	.85	15	.0	0		8	2	0
ROCK HALL 3 SE	84.4	68.9	76.7	.6	94	23	60	10	0	4	0	0	0	3.14	- 1.21	.90	16+	.0	0		6	3	0
DIVISION			76.7	.6										3.32	- .87			.0					
NORTHERN CENTRAL																							
BALTIMORE WB CITY	88.3	72.2	80.3	1.8	97	22	63	10+	0	13	0	0	0	3.72	- .22	.87	24	.0	0		6	5	0
BENSON POLICE BARRACKS	85.4	62.5	74.0		94	23	54	9	0	7	0	0	0	5.10		2.00	25	.0	0		11	3	1
BOYDS 2 NW	84.1	63.0	73.6		93	23	51	10	1	6	0	0	0	3.94		.75	6	.0	0		8	5	0
CONOWINGO DAM	86.0	65.0	75.5		94	23	54	11	0	8	0	0	0	2.69		.95	15	.0	0		6	2	0
CONOWINGO POLICE BRKS	85.9	63.3	74.6		94	23	52	9	0	6	0	0	0	2.13		.65	17	.0	0		6	2	0
EDGEWOOD ARSENAL	84.8	64.5	74.7		91	31+	55	11+	0	6	0	0	0	3.57		1.89	24	.0	0		6	2	1
ELKTON	87.7	65.3	76.5	.1	96	23	54	11	0	12	0	0	0	3.01	- 1.15	1.05	12	.0	0		5	3	1
EMMITSBURG 2 SE	86.1	62.6	74.4		93	22	47	10	1	8	0	0	0	3.12		1.04	17	.0	0		8	2	1
FREDERICK POLICE BRKS	86.8	65.8	76.3		95	23	50	11	0	13	0	0	0	5.42		1.60	18	.0	0		8	4	2
FREDERICK WB AIRPORT	85.2	64.2	74.7	2.0	94	23	51	10+	1	10	0	0	0	4.67	1.02	1.60	16	.0	0		8	3	1
PARKTON 2 SW	83.3	63.4	73.4		91	23+	52	9	0	3	0	0	0	4.05		.91	13	.0	0		10	4	0
PIKESVILLE POL BRKS	85.7	65.6	75.7		92	23+	53	11	0	10	0	0	0	1.86		.60	25	.0	0		5	1	0
ROCKVILLE	86.8	66.7	76.8		94	24+	56	11+	0	10	0	0	0	2.28		.71	25	.0	0		5	2	0
TAKOMA PARK MISS AVE	85.6	66.0M	75.8M		94	23	54	11	0	8	0	0	0	2.90		.70	23	.0	0		9	1	0

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
JULY 1961

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
										60° or Above	50° or Above	32° or Below	16° or Below					60° or Above	50° or Above	32° or Below	16° or Below						
TOWSON	86.1	64.5	75.3		93	23	53	11	0	9	0	0	0	2.72	-1.03	.91	25	.0	0		6	1	0				
UNIONVILLE	85.2	62.7	74.0		94	23	47	10	4	7	0	0	0	3.69		1.14	17	.0	0		6	3	2				
WATERLOO POLICE BRKS	85.1	64.4	74.8		94	23+	53	11+	0	5	0	0	0	5.63		1.50	16	.0	0		7	5	3				
WESTMINSTER	85.0	64.7	74.9	-.3	94	23	50	10	0	6	0	0	0	3.97	-.08	1.08	25	.0	0		11	2	1				
WOODSTOCK	86.4M	64.7M	75.6M	.4	94	23	52	11	0	8	0	0	0	2.73	-1.05	.67	6	.0	0		8	1	0				
DIVISION			75.3	-.2										3.53	-.55			.0									
APPALACHIAN MOUNTAIN																											
BOONSBORO	85.2	62.5	73.9		92	23+	49	10+	1	6	0	0	0	4.90		1.04	17	.0	0		10	4	2				
CHEWSVILLE BRIDGEPORT	86.8	63.2	75.0	.6	95	23	48	10	0	11	0	0	0	3.04	-.38	.90	29	.0	0		6	3	0				
CUMBERLAND	85.8	62.0	73.9		93	24+	48	10	2	9	0	0	0	4.04		1.41	6	.0	0		9	1	1				
CUMBERLAND POLICE BRKS	86.4	60.6	73.5		93	24	45	10	6	10	0	0	0	4.33		1.59	6	.0	0		7	3	2				
FROSTBURG	81.4	59.5	70.5	-1.1	88	23	45	10	14	0	0	0	0	3.96	.40	1.47	6	.0	0		6	2	2				
HAGERSTOWN	86.2	60.4	73.3		94	23	48	10	2	9	0	0	0	3.17		1.03	29	.0	0		6	2	1				
HANCOCK FRUIT LAB	85.6	60.3	73.0		94	2	47	10	7	9	0	0	0	3.61	.13	1.05	6	.0	0		6	3	1				
PICARDY	84.5	59.5	72.0		93	23	47	10+	6	7	0	0	0	2.82	.64	1.24	6	.0	0		5	2	1				
WESTERNPORT	84.2	60.4	72.3	-1.9	91	1	45	10	5	3	0	0	0	3.94	.36	1.00	6	.0	0		9	3	1				
DIVISION			73.0	-1.4										3.76	.18			.0									
ALLEGHENY PLATEAU																											
BITTINGER 2 NW	76.0	57.8	66.9		82	24+	42	10	40	0	0	0	0	5.39		1.06	13	.0	0			4	2				
OAKLAND 1 SE	77.7	57.5	67.6	-.6	84	23	36	10	38	0	0	0	0	4.22	-.44	.69	6	.0	0		13	4	0				
SAVAGE RIVER DAM	80.1	58.8	69.5		88	25+	45	10	19	0	0	0	0	4.95		1.23	24	.0	0		12	2	1				
SINES DEEP CREEK	78.5	55.6	67.1	-.6	87	23	38	10	39	0	0	0	0	6.06	1.32	.99	3	.0	0		13	6	0				
DIVISION			67.8	-.2										5.16	.70			.0									
DELAWARE																											
NORTHERN																											
MIDDLETOWN 2 S	90.2M	66.3M	78.3M		97	22	56	12+	0	19	0	0	0	2.34		1.54	17	.0	0		3	1	1				
NEWARK UNIVERSITY FARM	86.0	64.8	75.4		94	23	55	11	0	7	0	0	0	4.09		1.65	29	.0	0		7	3	1				
WILMGTON NCATTLE WB AP	84.8	66.4	75.6	-.3	93	23	57	11+	0	5	0	0	0	4.84	.35	2.47	13	.0	0		5	3	2				
WILMINGTON PORTER RESVR	83.7	66.2	75.0		92	23+	58	11+	0	5	0	0	0	6.60	2.31	2.19	29	.0	0		9	6	2				
DIVISION			76.1	.0										4.47	.32			.0									
SOUTHERN																											
BRIDGEVILLE 1 NW	87.1	67.5	77.3	1.1	97	23	55	11+	0	10	0	0	0	7.99	3.30	4.60	24	.0	0		7	5	2				
DOVER	86.7	67.2	77.0	-.2	95	23	58	10	0	8	0	0	0	3.51	-.99	.65	6	.0	0		8	2	0				
GEORGETOWN 5 SW	87.5	66.8	77.2		96	23	54	11+	0	14	0	0	0	5.27		1.72	23	.0	0		7	3	3				
LEWES 1 SW	85.6	67.3	76.5		93	2	55	11	0	6	0	0	0	4.27		1.28	13	.0	0		9	3	2				
MILFORD 3 WNW	88.2	65.5	76.9		95	25+	54	10	0	12	0	0	0	1.26		.33	14	.0	0		6	0	0				
SELBYVILLE	88.3	68.2	78.3		95	25+	54	11	0	18	0	0	0	2.07		.76	6	.0	0		4	3	0				
DIVISION			77.2	.6										4.06	-.43			.0									

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 fastest 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	100-199	200 and over	Total		
ANNAPOLIS USN ACADEMY, MD.	-	-	-	-	-	-	-	-	-	-	5	1	6	1	0	0	13	-	-
BALTIMORE WB AIRPORT, MD.	W	22	10.1	28	NW	24+	85	86	58	69	3	5	4	1	2	0	15	66	5.1
FREDERICK WB AIRPORT, MD.	-	-	-	-	-	-	-	-	-	-	-	2	5	2	1	0	10	-	-
WASHINGTON WB CITY	SE†	16†	6.9†	40†	W†	2†	81†	82†	55†	66†	-	1	5	2	0	0	8	67†	5.8†
WILMINGTON NCATTLE WB AP, DEL.	WSW	15	8.1	21++	NW	4	86	85	58	68	7	2	2	1	1	1	14	-	6.2

† Airport Data

See Reference Notes Following Station Index

MARYLAND AND DELAWARE
JULY 1961

See reference notes following Station Index.

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JULY 1961

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	87	90	82	79	76	76	80	80	77	78	84	79	83	88	87	83	85	85	84	86	86	92	92	88	91	86	87	87	86	91	91	84.7
	MIN	72	74	70	62	66	66	64	65	62	63	64	69	72	71	72	72	72	71	69	71	73	75	76	73	73	73	71	74	73	73	75	70.2
BALTIMORE WB AIRPORT	MAX	91	94	86	78	76	78	79	81	79	80	86	80	86	88	89	89	88	86	88	92	95	95	94	91	86	88	87	87	90	92	86.6	
	MIN	67	59	64	60	63	64	61	60	58	55	57	61	67	66	71	70	68	65	73	69	71	74	72	70	69	67	69	72	70	70	66.4	
BALTIMORE WB CITY	MAX	95	95	86	80	79	80	80	84	80	82	88	81	86	90	92	89	90	90	88	89	96	97	94	91	94	88	89	88	89	94	88.3	
	MIN	76	75	74	70	70	67	67	67	63	63	68	68	70	70	74	73	71	70	70	76	76	79	79	74	75	76	72	75	76	75	80	72.2
BELTSVILLE	MAX	90	93	94	84	79	76	78	80	82	80	81	86	80	87	89	90	87	89	87	88	88	93	95	95	95	90	85	88	89	88	89	86.9
	MIN	66	64	64	59	62	63	58	62	55	50	51	56	67	65	69	68	70	64	68	71	66	69	68	70	68	67	63	65	72	67	68	64.2
BELTSVILLE PLANT STA 5	MAX	89	94	93	84	80	76	77	80	80	80	81	86	80	87	89	90	87	89	88	87	88	93	94	94	92	91	85	89	89	87	89	86.7
	MIN	65	63	62	55	61	62	57	59	50	50	50	55	67	63	68	67	69	62	61	74	65	67	69	69	66	65	62	63	72	65	67	62.9
BENSON POLICE BARRACKS	MAX	86	92	87	74	76	75	79	81	78	79	86	83	81	84	87	87	89	86	87	84	92	93	94	89	90	87	89	87	85	90	85.4	
	MIN	66	65	68	56	61	56	56	61	54	56	58	56	65	60	66	68	66	64	63	63	62	62	62	69	66	66	66	64	64	64	64	62.5
BITTINGER 2 NW	MAX	81	80	75	68	66	73	74	67	68	72	76	72	76	78	77	73	75	77	78	78	82	82	82	82	79	70	79	80	78	81	78	76.0
	MIN	59	61	60	48	66	55	57	55	44	42	48	53	60	62	62	62	62	62	60	66	61	60	66	61	64	55	55	57	62	65	63	57.8
BLACKWATER REFUGE	MAX	88	91	90	82	82	80	80	83	83	80	82	82	86	88	90	88	88	88	86	88	92	94	95	96	94	95	88	91	90	92	90	87.8
	MIN	73	74	73	65	66	68	66	66	63	58	60	68	70	69	76	70	78	75	70	80	74	75	74	79	78	74	69	74	77	73	78	71.3
BOONSBORO	MAX	92	91	84	81	75	78	79	77	79	80	83	81	85	88	88	84	87	86	86	86	89	92	92	90	90	83	88	87	83	89	89	85.2
	MIN	65	65	65	56	58	59	59	58	49	49	56	61	62	62	70	65	66	60	64	66	67	66	68	69	66	63	60	62	67	65	70	62.5
BOYDS 2 NW	MAX	91	89	75	74	75	76	79	75	76	78	83	75	82	87	88	81	87	86	85	86	90	92	93	90	89	87	84	89	86	90	89	84.1
	MIN	60	62	59	62	64	62	61	61	52	51	53	58	63	65	67	66	68	61	62	67	67	68	69	72	65	63	63	64	66	65	67	63.0
CAMBRIDGE 4 W	MAX	87	91	82	79	77	76	79	81	76	78	84	81	88	86	88	88	88	86	87	92	92	94	90	91	89	86	88	88	88	89	89	85.7
	MIN	71	70	67	60	60	63	61	61	62	57	55	61	69	67	83	71	71	68	65	75	71	72	72	75	72	71	67	67	73	70	71	67.4
CENTREVILLE	MAX	88	91	86	81	77	76	77	81	80	84	83	87	93	88	89	87	87	86	91	88	91	88	90	90	90	88	91	88	89	89	89	86.1
	MIN	69	69	67	59	62	62	59	62	59	57	60	63	66	66	73	71	70	67	66	75	68	71	70	74	70	70	65	66	72	69	69	66.6
CHARLOTTE HALL 1 ESE	MAX																																
CHESTERTOWN	MAX	88	92	83	80	77	73	80	83	80	82	85	80	86	88	89	87	89	88	89	87	93	94	95	92	92	89	89	89	87	91	91	86.7
	MIN	70	72	69	63	64	65	62	65	60	58	60	66	68	68	69	70	71	68	69	76	71	75	75	71	71	67	70	74	70	74	74	68.5
CHEWSVILLE BRIDGEPORT	MAX	93	92	86	82	76	77	81	80	80	81	85	82	87	89	90	84	87	88	88	87	90	93	95	92	92	87	89	90	88	90	91	86.8
	MIN	66	66	67	58	57	61	57	58	50	48	51	63	64	64	69	66	68	62	63	68	67	69	69	71	68	66	60	59	69	65	71	63.2
COLEMAN 3 WNW	MAX	89	92	90	80	78	76	80	81	81	81	86	86	86	88	89	88	88	88	90	88	93	94	95	91	91	90	89	87	86	90	93	87.2
	MIN	69	71	73	61	61	64	60	63	62	60	63	64	67	68	70	70	68	67	67	74	71	73	74	73	71	70	71	68	71	69	72	68.0
COLLEGE PARK	MAX	94	95	85	83	81	77	81	83	79	82	88	89	88	89	91	89	91	91	90	89	96	97	94	93	93	90	88	92	93	88.9	93	88.9
	MIN	69	67	66	57	64	64	60	62	53	54	53	58	69	67	65	69	71	65	64	75	68	71	72	73	69	69	65	67	74	68	70	65.9
CONOWINGO DAM	MAX	88	93	86	78	77	78	79	83	80	82	86	81	83	87	84	84	83	88	85	93	92	94	91	91	87	89	87	87	90	91	86.0	
	MIN	68	66	66	57	62	57	60	65	58	57	54	60	67	62	69	71	67	65	65	71	67	70	73	70	69	69	67	66	72	67	58	65.0
CONOWINGO POLICE BRKS	MAX	86	92	90	82	77	74	80	81	79	81	85	83	82	88	88	87	87	87	86	91	92	94	90	90	89	88	87	87	87	87	88	85.9
	MIN	65	65	66	56	60	56	58	63	52	59	53	57	62	66	63	69	66	63	63	69	65	66	66	70	67	66	65	64	66	66	67	63.3
CRISFIELD HAMMOCK PT	MAX	85	87	87	84	82	78	78	82	82	79	83	82	87	88	88	89	90	88	85	85	92	92	94	92	94	92	87	88	89	90	86.7	
	MIN	74	76	76	74	72	70	66	67	67	63	82	72	72	71	76	75	77	77	76	79	72	79	81	81	80	79	72	71	77	74	77	74.2
CUMBERLAND	MAX	92	93	88	80	73	78	80	78	77	79	85	82	87	88	87	80	88	87	87	87	89	91	91	93	90	84	86	91	86	92	90	85.8
	MIN	63	64	66	56	59	61	59	57	50	48	50	55	64	63	67	66	63	60	61	68	66	66	68	67	62	61	60	68	66	70	70	62.0
CUMBERLAND POLICE BRKS	MAX	92	91	90	82	79	82	80	80	76	79	84	82	88	88	88																	

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JULY 1961

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	
MILLINGTON	MAX MIN	88 55	91 65	83 69	80 58	77 61	75 58	78 58	83 61	80 56	80 54	86 54	80 60	86 65	88 65	86 66	88 68	87 69	87 64	90 64	85 71	93 65	95 70	96 70	92 70	92 68	85 68	90 62	90 67	90 66	90 65	92 68	86.5 64.2
NATIONAL ARBORETUM D C	MAX MIN	93 69	93 69	83 69	81 61	78 63	75 63	82 62	81 64	80 55	80 56	86 59	84 61	89 68	87 66	89 69	90 72	89 65	90 65	88 74	87 71	95 75	96 70	92 72	92 71	91 70	89 67	89 68	91 73	90 70	87.5 67.1		
OAKLAND 1 SE	MAX MIN	82 55	81 65	76 61	72 50	68 56	74 56	75 58	73 49	69 42	73 36	78 42	74 49	77 62	79 62	78 64	74 60	77 58	79 54	80 54	83 62	82 60	84 62	83 60	80 61	76 59	80 56	82 62	80 63	83 65	80 65	77.7 57.5	
OWINGS FERRY LANDING	MAX MIN	90 66	92 69	80 67	80 61			80 61	82 63	79 56	80 53	83 58	79 63	87 68	87 66	89 71	88 68	88 66	87 64	87 70	93 69	95 70	95 72	90 72	87 70	90 67	89 64	89 67	90 72	88 71	87.1 66.3		
PARKTON 2 SW	MAX MIN	90 65	88 65	81 64	75 55	75 59	76 55	75 58	78 52	77 55	78 55	82 58	76 58	83 65	86 65	86 68	83 66	85 62	84 63	85 66	83 70	89 71	91 70	91 71	88 68	88 66	85 64	84 66	83 64	88 67	87 67	83.3 63.4	
PICARDY	MAX MIN	91 62	90 61	84 63	77 53	72 57	75 59	78 55	75 54	76 47	77 47	83 50	76 55	86 61	88 60	87 64	82 61	88 63	86 61	87 65	86 63	92 65	93 66	91 66	91 65	82 65	87 66	87 65	85 64	89 63	89 67	84.5 59.5	
PIKESVILLE POL BRKS	MAX MIN	91 69	91 68	86 70	75 61	75 63	82 63	79 54	79 64	79 55	80 56	83 53	82 62	80 65	87 64	87 69	87 62	87 65	87 71	86 65	86 67	91 67	92 70	92 73	90 70	90 70	88 67	90 65	88 65	91 72	90 70	85.7 65.6	
POCOMOKE CITY 1 S	MAX MIN	85 63	91 70	91 70	83 58	81 63	78 60	80 56	82 57	79 58	80 59	82 58	82 58	88 65	87 64	90 69	89 68	88 68	89 64	90 73	91 69	93 74	94 70	89 69	95 68	90 67	90 63	86 64	92 65	90 68	93 68	87.3 64.7	
PRESTON 1 S	MAX MIN	89 69	92 72	86 68	80 62	78 64	75 66	81 61	83 60	78 58	80 57	85 58	82 62	88 68	87 65	89 70	88 71	87 67	89 66	88 66	93 69	94 71	96 71	92 69	93 69	90 68	88 64	90 68	89 68	92 71	91 68	87.2 66.9	
PRINCE FREDERICK	MAX MIN	92 62	91 67	88 64	88 54	79 60	76 62	78 58	82 60	78 54		83 50	78 59	88 66	90 64	90 70	88 65	88 66	90 65	92 71	92 65	94 66	93 67	92 68	93 68	87 64	88 62	88 65	90 69	91 65	87.5 63.6		
PRINCESS ANNE	MAX MIN	88 67	92 69	91 68	85 57	83 63	82 62	79 61	82 61	80 56	81 52	83 55	83 58	88 65	88 64	90 69	91 65	91 68	89 65	91 68	91 68	95 72	97 69	97 73	93 70	96 68	91 63	91 63	88 69	93 68	93 69	88.7 65.2	
ROCK HALL 3 SE	MAX MIN	85 70	89 71	81 71	79 65	76 64	74 65	77 64	81 65	78 61	80 60	82 62	80 66	81 68	86 68	86 71	84 68	85 67	84 67	86 69	91 74	92 74	94 69	89 76	90 74	86 72	86 68	86 70	87 74	89 71	88 74	84.4 68.9	
ROCKVILLE	MAX MIN	90 71	90 72	90 68	82 62	77 62	79 63	80 62	80 63	78 56	79 56	84 62	84 62	86 67	87 66	89 69	87 70	89 70	88 64	88 70	89 68	92 74	94 70	94 73	92 70	87 66	88 68	88 68	89 71	90 69	92 72	86.8 66.7	
ROYAL OAK	MAX MIN	87 70	91 75	82 70	80 63	80 64	76 66	81 62	82 65	80 62	80 60	84 62	81 66	88 68	89 69	90 74	88 72	88 74	88 72	88 69	91 74	94 72	95 72	94 76	92 74	90 69	90 69	90 74	91 72	88 72	87 69	87.0 69.5	
SALISBURY	MAX MIN	88 69	91 71	90 71	83 62	82 66	80 65	80 64	82 65	81 59	82 56	83 53	81 63	87 67	89 65	91 73	90 70	89 69	89 74	90 67	92 74	97 68	96 65	91 73	92 72	90 68	92 73	90 68	87 70	89 70	92 71	88.1 67.4	
SALISBURY POLICE BRKS	MAX MIN	87 70	91 70	90 70	83 60	79 65	78 65	78 63	82 58	80 53	84 51	82 60	87 60	88 62	91 68	89 70	88 72	88 67	90 65	90 73	96 70	97 73	95 70	91 71	92 71	95 65	92 68	90 70	88 70	90 71	92 71	87.8 66.6	
SALISBURY FAA AIRPORT	MAX MIN	90 70	92 72	87 71	82 64	80 68	76 64	78 64	82 60	78 56	84 56	81 58	89 61	89 66	91 72	88 71	90 72	89 72	89 74	94 74	96 74	95 74	95 73	89 73	95 72	88 68	88 68	85 71	88 72	90 71	87.2 68.6		
SAVAGE RIVER DAM	MAX MIN	82 59	84 59	83 63	76 52	72 58	70 60	78 58	80 53	67 45	75 47	82 52	77 52	77 61	82 61	80 65	77 60	80 58	80 60	83 65	81 64	86 65	88 64	88 65	88 64	88 65	83 59	75 59	87 61	85 64	85 65	80.1 58.8	
SINES DEEP CREEK	MAX MIN	84 54	84 54	76 53	76 46	69 56	76 57	77 55	65 48	69 42	73 38	79 43	76 50	79 60	80 60	78 63	75 62	79 55	80 54	84 63	84 62	84 62	87 59	84 60	84 60	84 63	87 56	84 54	84 55	85 62	80 64	78.5 55.6	
SNOW HILL	MAX MIN	87 66	92 71	88 69	84 62	83 67	77 63	81 64	84 64	81 59	82 55	85 53	82 63	88 67	91 66	91 70	90 69	90 72	89 65	90 71	93 72	96 74	94 70	90 72	96 71	91 67	88 69	90 70	91 68	91 68	94 72	88.4 67.3	
SOLOMONS	MAX MIN	89 72	91 73	85 71	82 67	80 68	77 66	77 68	81 68	80 62	80 61	85 63	83 67	89 71	88 69	91 75	90 72	87 69	89 71	94 75	92 76	94 75	89 75	94 72	89 71	92 75	88 72	89 71	89 75	91 76	90 73	87.2 71.0	
TAKOMA PARK MISS AVE	MAX MIN	90 70	92 68	82 66	78 60	75 62	76 54	80 61	80 64	78 55	84 55	80 61	87 61	88 68	87 69	88 70	87 65	88 71	86 69	90 70	85 71	92 70	93 73	94 70	91 70	87 69	84 66	88 68	87 72	90 70	89 71	85.6 66.0	
TOWSON	MAX MIN	90 66	90 66	90 72	83 57	77 62	75 60	77 60	81 56	80 55	82 53	85 61	83 61	85 65	87 68	87 70	86 64	84 65	87 64	90 64	92 65	93 71	93 72	89 68	88 68	88 68	88 68	87 64	88 64	91 67	90 67	86.1 64.5	
UNIONVILLE	MAX MIN	92 62	92 62	85 67	79 54	75 62	76 59	79 59	79 61	77 48	78 50	85 57	77 57	84 67	88 63	89 70	82 67	86 62	86 62	88 62	89 66	93 72	94 68	92 68	94 72	87 66	88 64	89 64	87 65	90 68	89 68	85.2 62.7	
U S SOLDIERS HOME D C	MAX MIN	92 69	94 71	84 67	79 62	76 60	75 59	79 59	81 60	79 55	80 54	84 58	80 60	87 65	88 60	89 69	87 70	88 68	87 65	92 65	87 73	92 65	94 71	93 67	91 67	86 64	88 62	88 66	90 71	87 68	90 72	86.3 64.7	
UPPER MARLBORO 3 NNW	MAX MIN	88 64	91 67	93 65	82 57	79 63	77 64	76 59	80 61	81 56	79 53	80 58	84 61	80 65	87 68	87 69	88 68	88 63	90 63	88 67	93 71	93 68	94 69	94 70	86 68	86 68	86 68	89 70	87 72	87 70	90 70	86.4 64.4	
VIENNA	MAX MIN	88 65	92 73	86 67	82 67	79 65	76 66	80 64	83 63	80 60	82 56	84 58	82 63	89 67	88 66	90 72	89 74	88 69	90 76	88 72	91 73	92 74	95 73	96 74	94 72	92 76	90 72	90 66	89 71	92 72	91 70	87.7 68.6	
WALDORF POLICE BRKS	MAX MIN	94 66	93 67	82 65	83 56	83 59	77 60	82 59	82 62	80 53	83 51	86 52	85																				

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JULY 1961

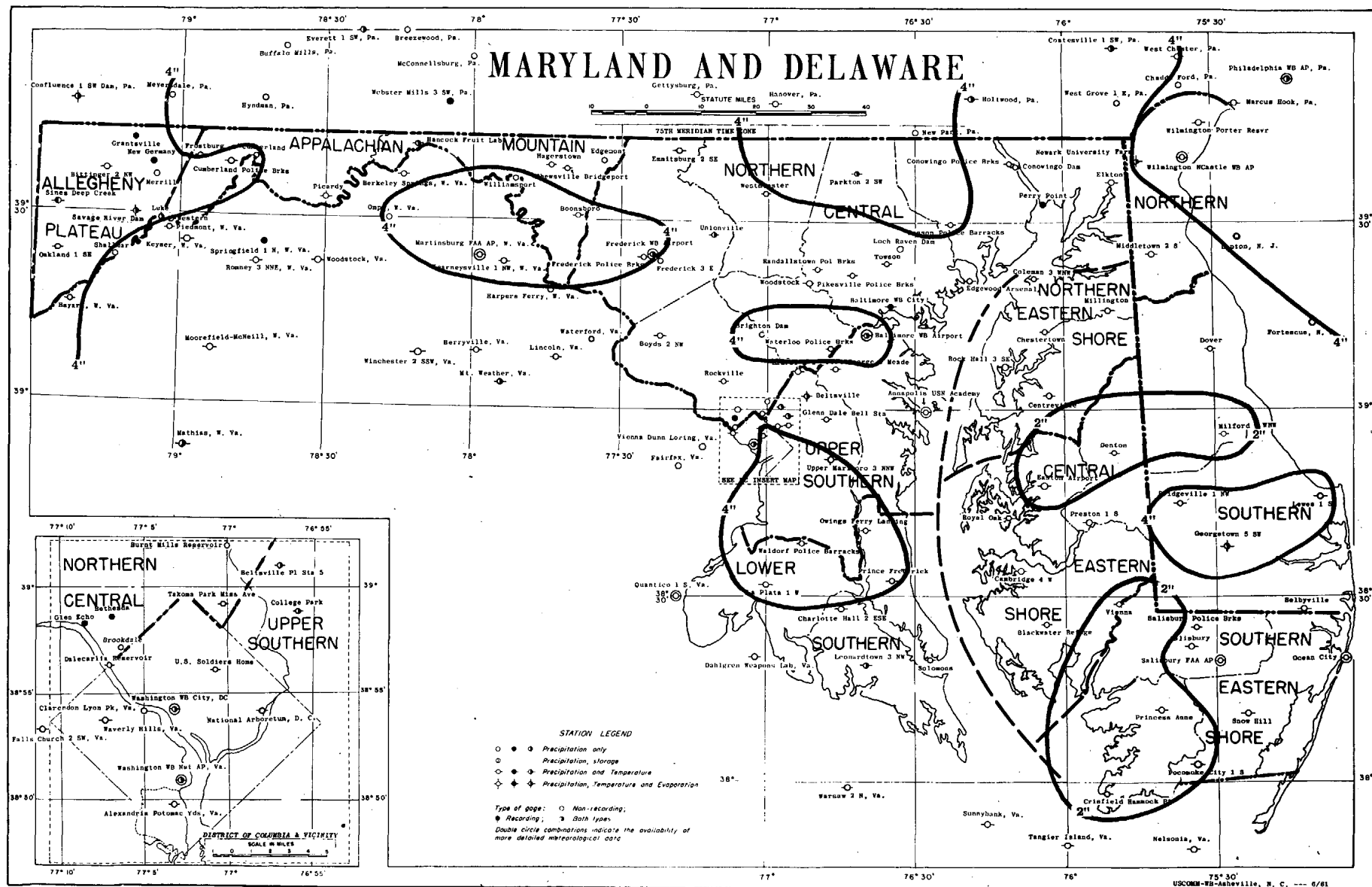
Continued

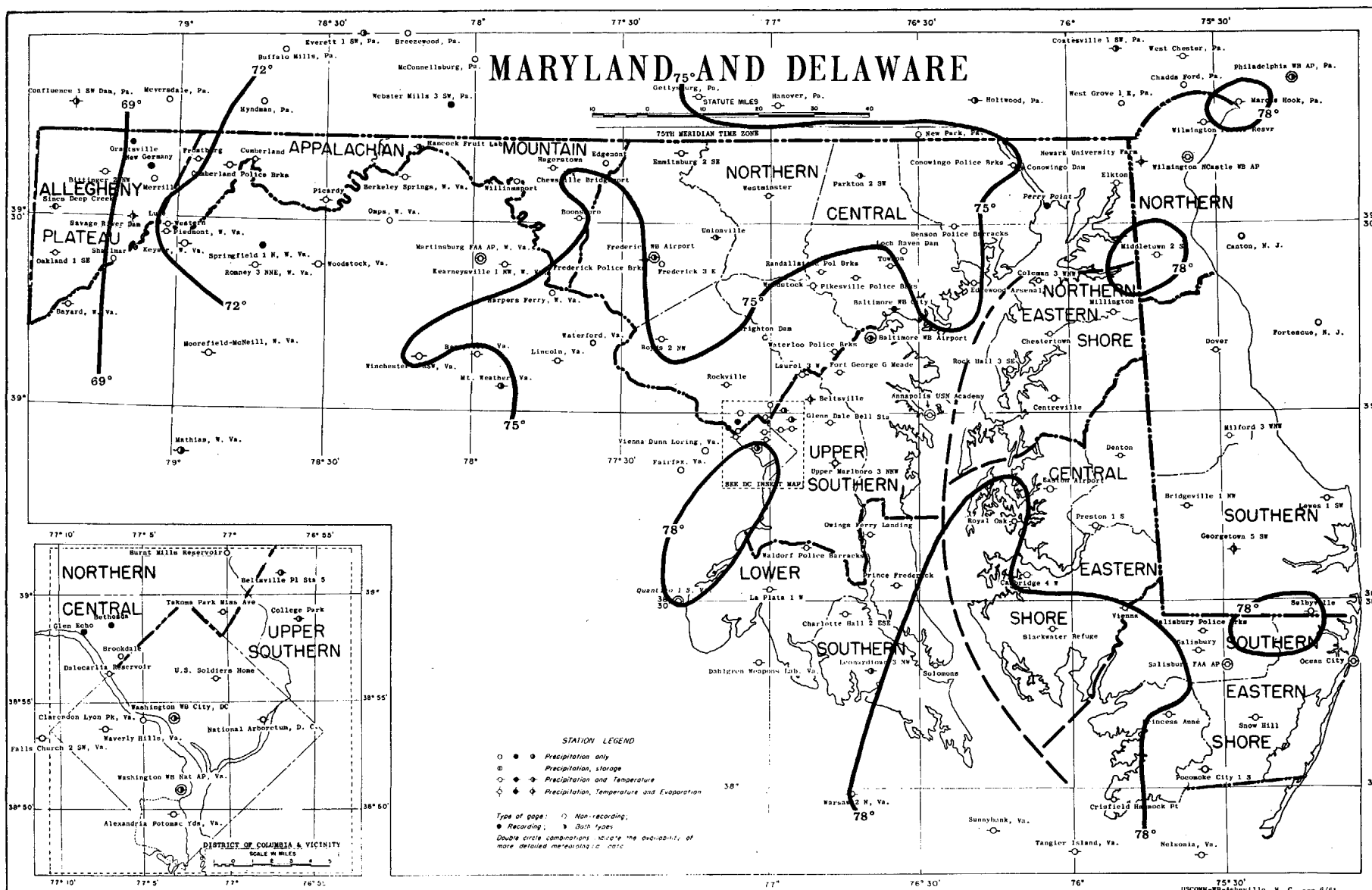
Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LEWES 1 SW.	MAX	88	93	85	82	78	78	75	77	76	83	85	83	88	85	85	89	88	89	90	88	90	89	92	89	88	90	84	86	84	87	90	85.6
	MIN	70	68	69	62	62	63	60	60	60	65	55	64	68	65	70	69	69	68	67	74	74	72	77	74	74	70	65	63	68	69	71	67.3
MIDDLETOWN 2 S	MAX	92	96	94	86		79	79				88	87	87	91	87	92	90	89	90	92	92	97	94	94	95	95	90	90	90	90	90.2	
	MIN	68	68	70	63	59	57	56				62	56	65	68	66	67	64	65	67	74	66	74	74	70	69	65	68	69	72	66	68	66.3
MILFORD 3 WNW	MAX	89	93	91	83	87	77	78	82	80	80	86	85	88	88	90	89	89	89	92	89	94	94	95	91	95	92	89	88	89	92	91	88.2
	MIN	69	71	68	58	63	61	59	59	56	54	55	52	67	65	70	67	69	67	65	74	67	72	72	71	72	70	65	67	69	65	62	65.5
NEWARK UNIVERSITY FARM	MAX	88	92	87	80	76	78	79	82	81	80	86	84	82	87	87	85	86	86	89	87	91	92	94	92	90	89	89	87	83	88	90	86.0
	MIN	66	67	68	57	60	56	57	63	56	57	55	50	65	67	70	70	63	65	66	70	68	69	72	70	69	69	68	64	69	66	68	64.8
SELBYVILLE	MAX	84	94	89	84	80	79	78	81	81	82	85	84	89	90	90	91	91	92	90	90	95	95	95	90	95	92	90	87	90	91	93	88.3
	MIN	69	73	71	60	66	65	63	62	60	66	54	65	69	65	68	72	69	70	68	85	67	75	71	72	74	69	66	69	69	69	72	68.2
WILMGTN NCASTLE WB AP	MAX	87	91	83	77	78	78	78	82	80	81	85	81	82	86	81	84	87	87	86	85	91	92	93	90	89	85	87	84	82	88	89	84.8
	MIN	67	68	65	59	61	57	60	64	60	57	57	63	66	68	70	71	69	66	68	72	70	72	74	71	70	70	69	67	70	67	70	66.4
WILMINGTON PORTER RESVR	MAX	86	90	83	76	77	79	78	79	77	78	82	81	81	85	80	82	86	85	86	82	90	92	92	89	90	85	84	85	80	87	89	83.7
	MIN	67	68	67	62	61	60	61	62	58	59	58	62	65	66	70	69	67	66	68	70	70	74	74	71	70	70	68	66	70	61	72	66.2

EVAPORATION AND WIND

Station		Day of month																															Total or Avg.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
BELTSVILLE, MD.	EVAP	.24	.30	.25	.01	.40	.09	.07	.21	.35	.27	.32	.38	.10	.28	.28	.25	.29	.31	.29	.24	.31	.32	.29	.23	.32	.30	.30	.28	.27	.13	.25	7.93	
	WIND	24	22	15	19	31	3	4	20	32	26	30	18	6	9	23	7	12	16	16	16	39	10	6	5	14	12	35	12	9	12	10	513	
	MAX	92	95	97	87	82	79	83	87	88	85	87	89	82	91	93	95	91	95	95	94	91	98	99	99	98	92	95	102	91	98	91	98	91.9
	MIN	71	71	70	62	64	65	65	67	62	57	58	61	67	70	72	73	74	69	69	71	72	74	74	71	72	67	71	71	71	72	68.6		
SAVAGE RIVER DAM, MD.	EVAP	.15	.21	.27	.24	.17	.06	.18	.19	.15	.18	.22	.23	.07	.20	.16	.20	.07	.27	.13	.13	.27	.12	.14	.24	.22	.24	.12	.20	.19	.20	.20	5.62	
	WIND	48	37	54	63	25	32	21	27	50	31	33	21	30	22	24	25	13	33	30	22	37	18	12	14	18	38	42	17	15	47	28	927	
	MAX	89	94	94	88	78	75	86	88	82	85	85	93	79	93	95	90	84	91	90	85	94	95	96	95	95	95	81	99	91	88	96	89.3	
	MIN	67	68	70	60	61	65	65	62	64	55	56	59	65	68	70	72	72	67	67	68	71	71	73	74	73	69	64	64	68	71	70	66.7	
UPPER MARLBORO 3 NNW, MD.	EVAP	.22	.27	.28	.12	.23	.07	.09	.17	.26	.25	.25	.28	.09	.19	.33	.21	.23	.28	.23	.26	.30	.16	.24	.29	.22	.19	.27	.24	.23	.18	.25	6.88	
	WIND	19	17	24	24	23	10	20	17	30	29	23	32	26	25	24	14	27	22	15	32	21	13	10	15	25	13	26	18	20	18	13	645	
	MAX	96	99	99	86	87	82	83	91	91	90	91	93	84	94	95	97	95	97	97	96	95	101	103	104	99	99	96	99	99	93	101	94.6	
	MIN	68	72	70	64	67	68	66	68	60	60	61	62	66	70	71	74	74	72	70	72	75	76	76	76	76	74	72	69	70	73	72	69.8	
GEORGETOWN 5 SW, DEL.	EVAP	.28	.32	.30	.33	.14	.07	.16	.42	.19	.27	.25	.19	.11	.21	.27	.21	.19	.28	.25	.32	*	*	1.08	.13	.20	.37	.17	.20	.19	.20	.16	7.47	
	WIND	40	40	55	58	29	14	40	30	38	37	32	20	25	37	22	37	34	36	22	49	32	26	16	13	23	44	20	35	29	23	15	971	
NEWARK UNIV FARM, DEL.	EVAP	.24	.24	.09	.35	.12	.09	.11	.09	.14	.29	.15	.21	.12	.32	.14	.08	.16	.24	.09	.32	.20	.14	.33	.07	.32	.29	.12	.10	-	.12	.11	B5.57	
	WIND	22	27	37	43	19	11	15	21	27	36	31	20	17	25	34	12	21	31	16	35	23	19	16	17	29	34	23	22	21	12	23	739	
	MAX	95	99	95	85	79	80	85	89	85	85	89	88	85	95	94	86	91	93	92	90	95	99	98	97	97	94	95	95	85	93	93	91.0	
	MIN	69	69	69	61	64	59	61	65	56	60	59	65	62	70	73	72	70	69	71	69	70	74	75	74	71	71	67	69	70	71	73	67.7	

See Reference Notes Following Station Index





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
JULY 1961

STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL	
MARYLAND											
ANNAPOLIS U. S. N. ACADEMY	0185	ANNE ARUNDEL	1	38 59	76 28	10 MID	MID				H J. U. S. NAVY
BALTIMORE WB AIRPORT	0465	ANNE ARUNDEL	3	39 13	76 40	146 MID	MID				C H J. U. S. WEATHER BUREAU
BALTIMORE WB CITY	0470	BALTO CITY	3	39 17	76 37	14 MID	MID				C H J. U. S. WEATHER BUREAU
BELTSVILLE	0700	PRINCE GEORGE	5	39 02	76 53	120 BA	BA				C H J. U. S. WEATHER BUREAU
BELTSVILLE PLANT STA 5	0703	PRINCE GEORGE	5	39 03	76 57	100 BA	BA				C H J. U. S. WEATHER BUREAU
BENSON POLICE BARRACKS	0732	HARFORD	1	39 30	76 23	365 SP	SP				H J. U. S. NAVY
BETHESDA	0795	MONTGOMERY	5	38 58	77 07	330					C H J. U. S. WEATHER BUREAU
BITTINGER 2 NW	0881	GARRETT	7	39 37	79 15	2700 7P	7P				C H J. U. S. WEATHER BUREAU
BLACKWATER REFUGE	0915	DORCHESTER	1	38 26	76 08	5	AP				H J. U. S. NAVY
BOOKSBORO	0986	WASHINGTON	5	39 31	77 39	735	AP				C H J. U. S. WEATHER BUREAU
BOYD 2 NW	1030	MONTGOMERY	5	39 12	77 20	580	AP				H J. U. S. NAVY
BRIGHTON DAM	1125	MONTGOMERY	4	39 12	77 01	350	BA				C H J. U. S. WEATHER BUREAU
BROOKDALE	1170	MONTGOMERY	5	38 57	77 06	260	7P				H J. U. S. NAVY
BURNETT MILLS RESERVOIR	1278	MONTGOMERY	5	39 02	77 00	220	BA				C H J. U. S. WEATHER BUREAU
CAMBRIDGE 4 W	1380	DORCHESTER	1	38 34	76 09	5	AP				H J. U. S. NAVY
CENTREVILLE	1627	QUEEN ANNES	1	39 03	76 03	46	AP				C H J. U. S. WEATHER BUREAU
CHESTERTOWN	1750	KENT	1	39 13	76 04	35 11P	11P				H J. U. S. NAVY
CHESSVILLE BRIDGEPORT	1790	WASHINGTON	5	39 38	77 41	560	SS				C H J. U. S. WEATHER BUREAU
COLEMAN 3 NW	1980	KENT	1	39 21	76 06	78	AP				H J. U. S. NAVY
COLLEGE PARK	1995	PRINCE GEORGE	5	38 59	76 56	70	SP				C H J. U. S. WEATHER BUREAU
CONOWINGO DAM	2060	HARFORD	6	39 39	76 10	40 MID	MID				H J. U. S. NAVY
CONOWINGO POLICE BRKS	2065	HARFORD	6	39 39	76 11	195	SP				C H J. U. S. WEATHER BUREAU
CRISFIELD HAMMOCK PT	2205	SOMERSET	1	37 58	75 52	7	SP				H J. U. S. NAVY
CUMBERLAND	2280	ALLEGANY	5	39 39	78 45	945	AP				C H J. U. S. WEATHER BUREAU
CUMBERLAND POLICE BRKS	2285	ALLEGANY	5	39 38	78 40	970	SP				H J. U. S. NAVY
DARTON	2523	CAROLINE	1	38 53	75 50	20	AP				C H J. U. S. WEATHER BUREAU
EASTON AIRPORT	2695	TALBOT	1	38 48	76 04	60	SP				H J. U. S. NAVY
EDGEHONT	2770	WASHINGTON	5	39 40	77 33	905	BA				C H J. U. S. WEATHER BUREAU
EDGEWOOD ARSENAL	2795	HARFORD	1	39 21	76 19	10 MID	MID				H J. U. S. NAVY
ELATON	2860	CECIL	1	39 36	75 50	28	AP				C H J. U. S. WEATHER BUREAU
EMMITSBURG 2 SE	2906	FREDERICK	5	39 41	77 18	420	SP				H J. U. S. NAVY
FORT GEORGE 6 MEADE	3230	ANNE ARUNDEL	4	39 06	76 45	140	SP				C H J. U. S. WEATHER BUREAU
FREDERICK POLICE BRKS	3348	FREDERICK	5	39 25	77 26	380	SP				H J. U. S. NAVY
FREDERICK WB AIRPORT	3350	FREDERICK	5	39 25	77 23	294 MID	MID				C H J. U. S. WEATHER BUREAU
FREDERICK 3 E	3355	FREDERICK	5	39 24	77 22	385	BA				H J. U. S. NAVY
FROSTBURG	3410	ALLEGANY	5	39 39	78 56	2035	AP				C H J. U. S. WEATHER BUREAU
GLEN ECHO	3645	MONTGOMERY	5	38 58	77 09	150					H J. U. S. NAVY
GLEN DALE BELL STA.	3675	PRINCE GEORGE	4	38 58	76 46	151	AP				C H J. U. S. WEATHER BUREAU
GRANTSVILLE	3795	GARRETT	7	39 42	79 09	2380					H J. U. S. NAVY
HAGERSTOWN	3975	WASHINGTON	5	39 39	77 44	660	AP				C H J. U. S. WEATHER BUREAU
HANCOCK FRUIT LAB	4030	WASHINGTON	5	39 42	78 11	428	BA				H J. U. S. NAVY
LA PLATA 1 W	5080	CHARLES	5	38 32	77 00	140	SP				C H J. U. S. WEATHER BUREAU
LAUREL 3 W	5111	PRINCE GEORGE	4	39 06	76 54	400	SP				H J. U. S. NAVY
LEONARDTOWN 3 NW	5201	ST. MARYS	5	38 19	76 40	40	SP				C H J. U. S. WEATHER BUREAU
LOCH RAVEN DAM	5340	BALTIMORE	1	39 26	76 33	190	SP				H J. U. S. NAVY
LUXE	5530	ALLEGANY	5	39 28	79 04	1020	BA				C H J. U. S. WEATHER BUREAU
MERRILL	5894	GARRETT	7	39 36	79 05	1790	BA				H J. U. S. NAVY
MILLINGTON	5985	KENT	1	39 16	75 51	30	AP				C H J. U. S. WEATHER BUREAU
NEW GERMANY	6408	GARRETT	7	39 38	79 07	2590					H J. U. S. NAVY
OAKLAND 1 SE	6420	GARRETT	7	39 24	79 24	2420	SP				C H J. U. S. WEATHER BUREAU
OCEAN CITY	6465	Worcester	2	38 20	75 05	17 MID	MID				H J. U. S. NAVY
OWINGS FERRY LANDING	6770	CALVERT	4	38 47	78 41	120 7P	7P				C H J. U. S. WEATHER BUREAU
PARKTON 2 SW	6844	BALTIMORE	1	39 38	76 42	600 11P	11P				H J. U. S. NAVY
PERRY POINT	6980	CECIL	1	39 33	76 04	40					C H J. U. S. WEATHER BUREAU
PICARDY	7010	ALLEGANY	5	39 33	78 30	1030	AP				H J. U. S. NAVY
PIKESVILLE POL BRKS	7015	BALTIMORE	3	39 23	76 43	500	SP				C H J. U. S. WEATHER BUREAU
POTOMAC CITY 1 S	7140	Worcester	1	38 03	75 34	20	SP				H J. U. S. NAVY
PRESTON 1 S	7310	CAROLINE	1	38 42	75 55	50	AP				C H J. U. S. WEATHER BUREAU
PRINCE FREDERICK	7325	CALVERT	1	38 32	76 35	140	SP				H J. U. S. NAVY
PRINCESS ANNE	7330	SOMERSET	1	38 12	75 41	15	SP				C H J. U. S. WEATHER BUREAU
ROCK HALL 3 SE	7700	KENT	1	39 07	76 12	10	AP				H J. U. S. NAVY
ROCKVILLE	7705	MONTGOMERY	5	39 05	77 08	436	AP				C H J. U. S. WEATHER BUREAU
ROYAL OAK	7806	TALBOT	1	38 43	76 11	10	SP				H J. U. S. NAVY
SALISBURY	8000	WICOMICO	1	38 22	75 35	10	SP				C H J. U. S. WEATHER BUREAU
SALISBURY POLICE BRKS	8003	WICOMICO	1	38 25	75 34	42	SP				H J. U. S. NAVY
SALISBURY FAA AIRPORT	8005	WICOMICO	1	38 20	75 30	52 MID	MID				C H J. U. S. WEATHER BUREAU
SAVAGE RIVER DAM	8065	GARRETT	5	39 31	79 08	1495	BA				H J. U. S. NAVY
SHALLMAR	8191	GARRETT	5	39 23	79 12	1700	BA				C H J. U. S. WEATHER BUREAU
SINES DEEP CREEK	8315	GARRETT	7	39 31	79 25	2038 MID	7A				H J. U. S. NAVY
SNOW HILL	8380	Worcester	1	38 11	75 24	14	AP				C H J. U. S. WEATHER BUREAU
SOLOMONS	8405	CALVERT	1	38 19	76 27	12	AP				H J. U. S. NAVY
TAKOMA PARK MISS AVE	8725	MONTGOMERY	5	38 59	77 00	230	AP				C H J. U. S. WEATHER BUREAU
TOXSON	8877	BALTIMORE	3	39 24	76 37	410	AP				H J. U. S. NAVY
UNIONVILLE	9030	FREDERICK	5	39 27	77 11	430	AP				C H J. U. S. WEATHER BUREAU
UPPER MARLBORO 3 NW	9070	PRINCE GEORGE	4	38 52	76 47	98	9A				H J. U. S. NAVY
VIENNA	9140	DORCHESTER	1	38 29	75 50	32	AP				C H J. U. S. WEATHER BUREAU
WALDORF POLICE BRKS	9195	CHARLES	5	38 59	76 53	210	SP				H J. U. S. NAVY
WATERLOO POLICE BRKS	9314	HOWARD	5	39 10	76 47	230	SP				C H J. U. S. WEATHER BUREAU
WESTMINSTER	9435	CARROLL	1	39 35	77 00	770	AP				H J. U. S. NAVY
WHEATON REGIONAL PARK	9502	MONTGOMERY	5	39 04	77 02	330	SP				C H J. U. S. WEATHER BUREAU
WILLIAMSPORT	9575	WASHINGTON	5	39 37	77 51	360	7A				H J. U. S. NAVY
WOODSTOCK	9755	BALTIMORE	3	39 20	76 52	415	AP				C H J. U. S. WEATHER BUREAU
DISTRICT OF COLUMBIA											
DALECARLIA RESERVOIR	2325		5	38 56	77 07	146	SP				H J. U. S. NAVY
NATIONAL ARBORETUM	6350		5	38 54	76 58	70	AP				C H J. U. S. WEATHER BUREAU
U. S. SOLDIERS HOME	9035		5	38 56	77 01	230 MID	MID				H J. U. S. NAVY
WASHINGTON WB CITY	9290		5	38 54	77 03	72 MID	MID				C H J. U. S. WEATHER BUREAU
DELAWARE											
BRIDGEVILLE 1 NW	1330	SUSSEX	1	38 45	75 37	50	SP				H J. U. S. NAVY
DOVER	2730	KENT	2	39 09	75 31	25	AP				C H J. U. S. WEATHER BUREAU
GEORGETOWN 5 SW	3570	SUSSEX	1	38 38	75 28	45	SP				H J. U. S. NAVY
LEWES 1 SW	5300	SUSSEX	2	38 44	75 09	20	AP				C H J. U. S. WEATHER BUREAU
MIDDLETOWN 2 S	5852	NEW CASTLE	2	39 25	75 42	60	AP				H J. U. S. NAVY
MILFORD 3 NW	5915	SUSSEX	2	38 56	75 29	52	SP				C H J. U. S. WEATHER BUREAU
NEWARK UNIVERSITY FARM	6410	NEW CASTLE	2	39 40	75 44	90	AP				H J. U. S. NAVY
SELBYVILLE	8269	SUSSEX	2	38 28	75 13	32	SP				C H J. U. S. WEATHER BUREAU
WILMINGTON CASTLE WB AP	9995	NEW CASTLE	2	39 40	75 36	73 MID	MID				H J. U. S. NAVY
WILMINGTON PORTER RESVR	9605	NEW CASTLE	2	39 46	75 32	274 MID	MID				C H J. U. S. WEATHER BUREAU
NEW STATIONS											
CHARLOTTE HALL 1 ESE MD	1686	ST MARYS	4	38 28	76 45	167	SP				H J. U. S. NAVY
PUBLICATION ENDED											
CHARLOTTE HALL 2 ESE	1685	ST MARYS	4	38 28	76 45	167					C H J. U. S. WEATHER BUREAU

1=CHESAPEAKE; 2=COASTAL; 3=PARAPSCO; 4=PATUXENT; 5=POTOMAC; 6=SUSQUEHANNA; 7=VOUGHNIGHEN

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 "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.