



CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

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

DECEMBER 1966

Volume 70 No. 12

CLIMATOLOGICAL DATA

Station	Temperature												Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet		No. of Days					
										95° or Above	85° or Above	75° or Above	65° or Above					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More		
																								Max.	Min.
MARYLAND																									

SOUTHERN EASTERN SHORE 01																									
CRISFIELD SOMERS COVE	45.8	32.7	39.3	-1.9	67	10	16	4	788	0	0	16	0	D 2.24	-.68	.89	13	4.9			7	1	0		
OCEAN CITY MOTEL					71	10	11	28	861	0	0	24	0			1.29	13				2	1	1		
POCOMOKE CITY 1 S	46.1	27.9	37.0		74	10	9	28	824	0	1	22	0	3.01		.81	13	6.9	4	28+	6	3	0		
PRINCESS ANNE	47.2	29.3	38.3		74	10	14	28+	801	0	1	23	0	3.12	-.01	.77	29	8.0	7	25	7	3	0		
SALISBURY	48.1	29.8	39.0		74	10	14	28+	801	0	1	23	0	3.12		.77	29	8.0	7	25	7	3	0		
SALISBURY FAA AIRPORT	47.7	29.8	38.8		74	8	11	28	807	0	1	22	0	3.29		.96	13	8.0	6	25	7	3	0		
SNOW HILL	48.3M	28.5M	38.4M	-.9	72	10	13	4	791	0	0	24	0	D 2.71	-.70	.93	29	4.0	4	25	6	2	0		
DIVISION			38.5	-1.1										2.87				6.7							

CENTRAL EASTERN SHORE 02																									
BLACKWATER REFUGE	46.4	30.4	38.4		68	11+	15	4	819	0	1	20	0	3.65		.99	29	8.5	8	28	8	3	0		
CAMBRIDGE 4 W	44.9	28.2	36.6		72	10	10	28	876	0	4	23	0	3.30		.92	29	7.5	6	26+	8	2	0		
DENTON 1 NW	45.1	29.2	37.2		71	10+	8	4	854	0	3	22	0	4.20		.98	24	8.0	8	28	8	5	0		
EASTON POLICE BARRACKS	46.2	29.5	37.9	.0	72	11+	13	28	835	0	1	21	0	D 2.86	-.27	.70	13	7.0	6	26+	8	1	0		
PRESTON 1 S	45.1	29.3	37.2		70	10	9	28	853	0	3	23	0	3.33		.90	29	7.5	7	25	7	3	0		
ROYAL OAK	45.4	30.0	37.7		72	10	15	28+	838	0	2	23	0	3.84		.94	13	11.0	8	24	8	3	0		
VIENNA	46.3	29.4	37.9		70	10+	11	28	834	0	1	20	0	3.32		1.00	29	7.0	6	25	8	3	1		
DIVISION			37.6	-.7										3.50	.37			8.1							

LOWER SOUTHERN 03																									
CHARLOTTE HALL 1 ESE					74	8	7	26	879	0	1	24	0	3.03		.82	13	15.8	10	24	6	3	0		
LA PLATA 1 W	45.9	27.0	36.5		73	10+	6	27	871	0	1	22	0	2.99		.75	13	11.0	11	29	6	3	0		
LEONARDTOWN 3 NW	46.4	27.1	36.8		72	10+	13	4	853	0	2	24	0	2.91	-.14	1.25	13	14.1	8	28+	4	2	1		
OWINGS FERRY LANDING	45.3	29.2	37.3	-1.0	73	8	10	4	887	0	2	25	0	3.10		1.20	13	15.0	11	25+	5	2	1		
PRINCE FREDERICK	45.8M	26.4M	36.1M		75	8	10	4	887	0	2	25	0	3.10		1.20	13	15.0	11	25+	5	2	1		
SOLOMONS	45.0	32.0	38.5	-1.8	70	8	16	4	811	0	2	16	0	D 3.50	.53	1.05	24	17.0	11	28	6	3	2		
WALDORF POLICE BRKS	46.5	26.4	36.5		73	8	4	27	879	0	2	26	0	2.57		.99	13	12.3	8	26+	2	2	0		
DIVISION			37.0	-1.5										3.01	-.09			14.2							

UPPER SOUTHERN 04																									
ANNAPOLIS	44.5	29.5	37.0	-1.1	72	8	15	28+	861	0	2	21	0	3.83	-.98	1.23	24	15.0	12	24	7	3	1		
BALTIMORE WB AIRPORT	43.0	28.1	35.6	-.2	73	9+	12	28	905	0	7	22	0	3.53	.54	1.02	13	20.4	8	25	6	3	1		
BELTSVILLE	43.6M	25.9M	34.8M		72	11	7	28+	918	0	3	26	0	2.79		.80	29	15.5	8	25	6	3	0		
BELTSVILLE PLANT STA 5	43.5	25.4	34.5		72	11+	3	27	939	0	3	27	0	3.25		.85	29	20.0	7	25	6	4	0		
COLLEGE PARK	44.8	27.8	36.3	-.7	71	10+	8	27	882	0	1	23	0	3.35	-.31	.70	29	14.2	6	25+	8	4	0		
DALECARLIA RESV D C	45.5	26.7	36.1		73	8	11	28	888	0	0	26	0	3.34		.86	13				7	2	0		
FORT GEORGE G MEADE	45.4	27.0	36.2		74	8	9	28	886	0	1	24	0	3.02		.73	29	18.5	6	28+	7	2	0		
GLENN DALE BELL STA	45.6	26.2	35.9	-.1	74	8	4	27	894	0	1	24	0	3.13	-.16	.70	29	16.0	8	28+	7	3	0		
LAUREL 3 W	44.1	29.5	36.8		70	10+	11	4	868	0	4	23	0	2.31		.80	25				5	2	0		
NATIONAL ARBORETUM D C	45.7	29.7	37.7		72	10+	11	3	840	0	2	22	0	3.78		.90	13	18.1			9	2	0		
SUITLAND	42.4	29.1	35.8		71	11+	13	4	899	0	5	25	0	3.08		.90	14	17.5	8	25	6	2	0		
U. S. SOLDIERS HOME DC	44.2	30.2	37.2		71	8	13	4	894	0	4	23	0	3.44		.97	13	19.0	7	24+	6	3	0		
UPPER MARLBORO 3 NNW	43.8	25.6	34.7		73	10+	5	27	932	0	4	25	0	3.17		.93	14	16.0	9	29+	6	3	0		
DIVISION			36.0	-.9										3.23	.26			19.0							

NORTHERN EASTERN SHORE 05																									
CENTREVILLE	44.2M	28.9	36.6M		72	11	9	28	876	0	4	20	0	3.80		.89	29	14.0	7	25+	8	4	0		
CHESTERTOWN	44.1	29.1	36.6		71	10	14	28+	873	0	4	23	0	4.39		1.11	13	14.5	12	24	6	4	2		
COLEMAN 3 NNW	43.9	30.1	37.0	-.3	70	11+	14	4	862	0	3	23	0	4.33	1.15	1.02	29	20.5	10	25+	9	3	2		
HILLINGTON	44.9	28.2	36.6	-.2	73	10	5	28	876	0	2	23	0	3.48	-.34	.90	29	12.0	9	25	8	2	0		
ROCK HALL	44.8	29.9	37.4	.4	69	10	12	28	849	0	2	21	0	D 3.66	.55	1.10	29+				7	3	2		
DIVISION			36.8	-.5										3.92	.78			15.3							

NORTHERN CENTRAL 06																									
ABERDEEN PHILLIPS FLD	42.9	27.1	35.0		69	10+	10	28	921	0	5	24	0	4.44		1.20	24	21.6	10	25	9	2	2		
BALTIMORE WB CITY	44.6	32.6	38.6	-.4	76	9	15	4	813	0	4	19	0	3.29	-.13	.73	24+				6	4	0		
BENSON POLICE BARRACKS	45.1	25.3	35.2		67	10	8	28	915	0	3	25	0	2.92		1.20	29	12.5	8	28	6	1	0		
BOYDS 2 NW	42.1	27.3	34.7		70	9+	11	4	929	0	7	25	0	D 1.76		D .80	25	24.0	11	25	4	1	0		
CONOWINGO DAM	41.8	25.4	33.6		67	10	8	28	967	0	4	24	0	3.22		.84	29	15.5	12	24	8	2	0		
ELKTON	44.1	27.3	35.7	.4	72	10	6	28	905	0	3	23	0	4.00	.81	.81	20	21.5	16	25	8	5	0		
EMMITTSBURG 2 SE	42.3	24.4	33.4		71	9	4	28	977	0	6	25	0	3.36		.75	28	25.0	9	24	8	3	0		
FREDERICK WFMD	40.7	26.9	33.8	-.4	71	9	10	4	960	0	8	25	0	2.53	-.36	.82	13				8	25+	5	2	0
PARKTON 2 SW	41.1	24.9	33.0		72	9	9	4	981	0	7	25	0	3.21		.90	24	20.5	10	24	6	3	0		
ROCKVILLE	44.6	28.3	36.5		72	9	12	4	878	0	4	25	0	3.01		.66	29	19.0	8	25+	7	3	0		
TOWSON																									

See Reference Notes Following Station Index

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CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
DECEMBER 1966

CONTINUED

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										80° or Above	33° or Below	33° or Below	33° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
UNIONVILLE	40.9	22.2	31.6		71	9	1	28	1029	0	9	25	0	2.51		.93	29	21.5			6	1	0
WESTMINSTER 2 SSE	39.8	25.5	32.7	- 1.7	70	9	8	28	996	0	11	25	0	3.63		1.02	29	25.5	12	25	5	3	1
WHEATON REGIONAL PARK	43.7	25.5	34.6		70	11+	6	28	933	0	4	25	0	3.03		.73	13	17.0	10	28	7	3	0
WOODSTOCK	42.8	25.3	34.1	- .6	73	9	5	28	953	0	4	25	0	3.11	.09	1.00	29	20.5	11	24	5	3	1
DIVISION			34.5	- .5										3.14	- .05			20.3					
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APPALACHIAN MOUNTAIN 07																							
BOONSBORO	40.4	27.4	33.9		72	9	8	4	956	0	8	24	0	2.61		.63	11	19.1	8	26+	7	1	0
CHEWSVILLE BRIDGEPORT	41.5	26.1	33.8	.1	71	9	9	4	961	0	5	24	0	2.46	- .15	.92	29	16.5	5	28+	8	2	0
CUMBERLAND	41.6	26.6	34.1		75	9	8	4	949	0	6	24	0	1.33		.35	29	9.3	4	25	5	0	0
CUMBERLAND POLICE BRKS	41.2	24.5	32.9		72	9	6	4	987	0	6	25	0	1.16		.30	24	9.0	4	20	4	0	0
FROSTBURG	36.7	22.1	29.4	- 2.5	71	9	3	5	1096	0	15	26	0	1.99	- .87	.42	29	15.0	7	28	8	0	0
HAGERSTOWN	41.0	26.5	33.8		71	9	10	4	960	0	7	25	0	2.85		.87	29	13.0	4	24	7	2	0
HANCOCK FRUIT LAB	40.0	25.3	32.7		72	9	6	4	994	0	8	25	0	1.71	- .79	.95	29	9.3	3	24	5	1	0
PICARDY	41.3	25.3	33.3		73	9	5	4	976	0	8	25	0	1.57		.44	29	13.5	6	25+	7	0	0
WESTERNPORT	41.6	25.4	33.5	- 1.4	74	9	7	4	969	0	6	24	0										
DIVISION			33.1	- .7										1.96	- .72			11.6					
* * *																							
ALLEGHENY PLATEAU 08																							
BITTINGER 2 NW	35.2	20.0	27.6		69	8	- 2	3	1153	0	15	25	2	1.90		.37	20	17.0	8	4+	9	0	0
OAKLAND 1 SE	38.2	20.4	29.3	- .9	72	9	- 7	4	1099	0	12	25	1	2.19	- 1.52	.61	20	14.2	5	29+	6	2	0
SAVAGE RIVER DAM	36.7	21.3	29.0		70	10	4	5	1106	0	10	25	0	1.50		.46	29	6	29+	5	0	0	
SINES DEEP CREEK 2	37.4	18.4	27.9	- 1.4	71	9	- 4	5	1144	0	15	27	2	2.32	- 1.44	.64	29	19.0	8	25	7	1	0
DIVISION			28.5	- .9										1.98	- 1.51			16.7					
DELAWARE																							
* * *																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	44.1M	27.3M	35.7M		72	10	2	28	896	0	3	25	0	4.23									
NEWARK UNIVERSITY FARM	43.1	26.8	35.0		70	10+	7	28	924	0	6	24	0	4.04		1.08	29	16.5	14	25	8	3	1
WILMGTN CASTLE WB AP	42.7	26.8	34.8	- .3	72	10+	12	28+	931	0	6	23	0	3.81	.78	.95	20	21.5	12	25	7	4	0
WILMGTN PORTER RESVR	42.1	27.7	34.9		70	9	11	4	925	0	6	23	0	4.22	1.09	1.00	29	18.4	13	25+	7	4	1
DIVISION			35.1	- .5										4.08	.98			18.8					
* * *																							
SOUTHERN 02																							
BRIDGEVILLE 1 NW	45.8	27.4	36.6	- 1.2	73	10	6	28	874	0	3	25	0	3.91	.88	.90	29	8.0	6	25	8	3	0
DOVER	46.4	28.8	37.6	- .3	75	10	12	28	843	0	4	24	0	4.00	.89	1.06	29	15.0	10	25	8	2	1
GEORGETOWN 5 SW	46.1M	28.5M	37.3M		75	10	12	4	848	0	4	27	0	4.93				8.0	8	26+			
LEWES 1 SW	46.0	29.8	37.9		74	10+	14	28	833	0	1	22	0	3.68		1.34	13	7.5	5	24	8	3	1
MILFORD 3 WNW																							
SELBYVILLE	47.8	29.0	38.4		75	10	13	28	818	0	1	24	0	3.39				8.0	4	24			0
DIVISION			37.6	- .5										3.98	.78			9.3					

TEMPERATURE AND PRECIPITATION EXTREMES

- HIGHEST TEMPERATURE: 76° ON THE 9TH AT BALTIMORE WB CITY, MD
- LOWEST TEMPERATURE: -7° ON THE 4TH AT OAKLAND 1 SE, MD
- GREATEST TOTAL PRECIPITATION: D 4.93 INCHES AT GEORGETOWN 5 SW, DEL
- LEAST TOTAL PRECIPITATION: D 1.16 INCHES AT CUMBERLAND POLICE BRKS, MD
- GREATEST ONE-DAY PRECIPITATION: 1.42 INCHES ON THE 29TH AT WILLIAMSPORT, MD
- GREATEST REPORTED TOTAL SNOWFALL: 26.0 INCHES AT LOCK RAVEN DAM, MD
- GREATEST REPORTED DEPTH OF SNOW ON GROUND: 16 INCHES ON THE 25TH AT ELKTON, MD

See Reference Notes Following Station Index

DAILY PRECIPITATION

MARYLAND AND DELAWARE
DECEMBER 1966

Continued

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DELAWARE																																	
* * * NORTHERN 01																																	
MIDDLETOWN 1 WSW	4.23							T				.28	.40	.53							.65	.37		*	1.04			T	.96		*		
NEWARK UNIVERSITY FARM	4.04										.22	.20	.60								.63	.40		.65	.45			.01	1.08		*		
WILMINGTON WCASTLE 4B AP	3.81				T	T	T			.06	.10	.69	.04								.95	.19		.69	.01			.32	.76		T		
WILMINGTON PORTER RESVR	4.22				T	T	T				.20	.90	.05								.72	.19		.96				.20	1.00		*		
* * * SOUTHERN 02																																	
BRIDGEVILLE 1 NW	3.91					.05	T				.15	.85	.20	.02							.40	.11		.75	.40			.08	.90		T		
DOVER	4.00								.03	T	.13	.40	.35								.38	.46		.71	.48			T	1.06		*		
GEORGETOWN 5 SW	4.93											1.33	.60								.60	.20		.60	.20			*	1.60		*		
LEWES 1 SW	3.68				.05	.06		T			.13	1.34	.07								.18	.22		.13	.52			.14	.84		T		
MILFORD 3 NW																																	
SELBYVILLE	3.39				T		.07	T	T		.15	.75	.40								.15	.20		.83			*	.84		*			

SPECIAL WEATHER SUMMARY

December 1966 featured some unseasonably warm weather and three major snowstorms.

High temperatures from the 8th through the 10th were record-breaking for these particular dates at many stations; in addition, record highest December temperatures were set at such stations with long records as the Weather Bureau stations at Wilmington and Baltimore.

Three major snowstorms during the month gave record or near record maximum December snowfall for many stations in the north-central and northeastern areas. December monthly totals range from less than 8 or 9 inches in the Southern Eastern Shore Division to over 25 inches in north-central Maryland; the maximum monthly was 28.9 inches at Catocin Mountain Park near Thurmont. Totals from the first snow-storm on the 13th ranged from a 1-inch line, extending

from southern Maryland into southern New Castle County of Delaware, to a maximum of 6 to over 11 inches in north-central Maryland. The maximum was 11.5 inches at Catocin Mountain Park. Totals from the second storm on the 20th, ranged from a 1-inch line, extending from southern Prince Georges County eastward to Delaware and then southeastward to the Atlantic Coast, to a maximum of 5 to 8 inches in north-central and northeastern areas. The maximum recorded was 8 inches at Emmitsburg. The third snow on the 24th gave a White Christmas over the entire two-state area. Totals ranged from a minimum of 2 to 7 inches in both the Southern Eastern Shore Division and in the three western counties to a maximum of 10 to 16 inches, extending from Calvert County into northeastern Maryland and northern Delaware. Except for some coastal areas, a snow cover continued through the end of the month.

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

Continued

DAILY TEMPERATURES

MARYLAND AND DELAWARE
DECEMBER 1966

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND																																	
WESTERNPORT	MAX MIN	45 33	43 20	27 10	29 7	31 16	40 27	47 35	65 38	74 44	62 40	55 36	38 27	33 20	35 26	41 25	43 19	57 30	57 42	45 31	35 26	37 30	41 23	41 25	28 18	30 21	29 22	35 19	39 19	37 25	37 17	34 15	41.6 25.4
* * *																																	
ALLEGHENY PLATEAU 08																																	
BITTINGER 2 NW	MAX MIN	33 24	30 10	14 -2	21 -1	38 12	44 34	56 37	69 48	68 49	60 46	48 27	28 19	26 18	26 21	29 17	44 10	46 23	48 36	40 19	35 21	28 22	36 16	27 16	17 11	19 11	19 12	24 12	25 9	34 17	26 13	33 12	35.2 20.0
OAKLAND 1 SE	MAX MIN	36 25	34 13	17 2	26 -7	38 13	50 35	59 36	69 44	72 41	65 49	50 28	31 21	27 17	28 23	35 20	45 11	48 26	51 35	42 24	37 26	32 24	37 12	33 19	20 13	21 13	21 15	27 10	31 3	40 17	27 16	34 7	38.2 20.4
SAVAGE RIVER DAM	MAX MIN	34 30	40 22	22 5	20 4	24 4	34 12	38 33	45 35	66 40	70 37	60 35	35 26	32 17	33 23	33 23	36 17	48 20	51 34	47 28	36 25	35 25	33 20	40 23	27 12	23 12	25 15	24 17	28 15	37 20	33 20	30 12	36.7 21.3
SINES DEEP CREEK 2	MAX MIN	29 24	35 13	19 1	26 -4	39 -4	42 14	48 33	68 37	71 41	64 35	50 30	32 20	29 14	29 23	32 21	46 10	49 17	49 30	39 25	38 26	31 26	38 16	32 17	22 15	23 15	21 15	25 10	31 6	38 20	28 16	37 7	37.4 18.4
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX MIN	46 31	43 31	32 17	32 12	43 20	45 33	54 34	68 44	71 49	72 50	60 45	46 27	34 27	38 32	41 28	43 23	55 28	60 31	45 27	37 23	38 30	41 17	36 24	31 11	33 21	35 23	28 2	45 26	35 25	35 13	44.1 27.3	
NEWARK UNIVERSITY FARM	MAX MIN	46 30	42 30	32 17	32 11	40 16	49 34	51 38	67 44	70 41	70 45	63 45	46 29	37 28	37 32	41 30	42 23	54 26	58 36	50 26	34 25	37 29	38 16	35 24	29 21	30 22	34 23	32 22	29 7	40 25	35 25	35 11	43.1 26.8
WILMGTN NCASTLE WB AP	MAX MIN	46 31	42 24	29 15	32 12	39 20	49 35	51 40	68 45	72 42	72 46	57 36	41 28	37 29	38 34	42 27	42 24	54 28	59 38	43 27	34 28	37 24	38 18	34 24	29 22	30 24	33 20	31 14	32 12	44 28	34 19	36 16	42.7 26.8
WILMGTN PORTER RESVR	MAX MIN	46 30	41 20	27 13	31 11	38 21	49 34	52 38	66 42	70 47	68 53	58 35	40 28	35 30	37 33	39 29	43 25	53 30	57 39	43 26	34 27	36 27	37 18	35 26	28 20	31 24	33 23	31 19	31 18	44 28	34 26	38 20	42.1 27.7
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX MIN	48 26	43 32	33 17	32 11	43 15	47 32	57 29	71 47	71 51	73 50	66 43	45 29	42 27	40 34	41 30	45 22	55 26	57 39	50 29	42 20	42 29	43 25	42 24	35 20	32 20	33 20	33 20	30 6	51 26	38 28	39 21	45.8 27.4
DOVER	MAX MIN	49 30	47 31	35 19	32 13	42 17	47 32	58 36	71 48	73 51	75 56	69 41	47 31	40 29	39 35	42 32	46 25	59 30	62 40	54 29	41 22	43 19	44 24	40 27	32 22	32 22	35 21	35 22	32 12	42 29	37 27	38 21	46.4 28.8
GEORGETOWN 5 SW	MAX MIN	49 26	45 33	34 19	32 12	44 14	47 30	59 29	70 52	47 55	75 55	65 45	45 30	45 28	44 30	37 25	45 22	55 30	57 37	44 30	44 19	43 30	42 24	31 22	31 23	32 22	33 21	33 20	55 21	40 22	38 21	39 20	46.1 28.5
LEWES 1 SW	MAX MIN	50 28	44 32	35 18	31 16	43 18	43 34	56 30	72 52	74 54	74 53	64 42	44 31	45 37	39 36	40 30	48 26	58 31	58 41	45 27	45 22	38 31	43 26	37 25	35 23	33 23	35 19	34 22	34 14	54 33	38 26	38 23	46.0 29.8
MILFORD 3 WNW	MAX MIN	50 25	47 38	42 19	37 15	47 17	49 33	55 29	73 49	73 55	75 51	64 48	48 32	46 29	46 28	41 31	43 23	58 31	59 36	55 31	46 19	45 30	43 25	40 24	35 24	34 22	34 25	34 20	32 13	53 28	39 27	40 22	47.8 29.0

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME				Traces	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
							1 AM	7 AM	1 PM	7 PM									
BALTIMORE WB AIRPORT MD	29	5.0	9.9	37	W	29	67	69	57	61	4	4	3	2	1	0	14	48	6.2
WILMINGTON NCASTLE WB AP DEL	30	4.3	9.5	24+++	29	29+	77	76	59	73	5	3	3	4	0	0	15	-	5.6

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
DECEMBER 1966

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																																					
* * * SOUTHERN EASTERN SHORE 01																																					
POCOMOKE CITY 1 S				T																																	
PRINCESS ANNE																									4.3 4	0.6 4		3	2	2.0 4							
SALISBURY FAA AIRPORT				T																	T T		1.0 T	6.0 2	6	5	4	3	T	T							
SNOW HILL				T																	T		2.0 2	2.0 4				T	T								
* * * CENTRAL EASTERN SHORE 02																																					
CAMBRIDGE 4 W																					T			4.5 5	2.0 6	6	5	1.0 5	1	T	T						
DENTON 1 WNW	T																							4.0 4	3.0 7	7	7	1.0 8	4	2	T						
PRESTON 1 S																					T			4.0 4	2.5 7	6	5	1.0 6	2	2	1						
ROYAL OAK													T							T				8.0 8	1.5 6	5	4	1.5 5	T	2	2	1					
* * * LOWER SOUTHERN 03																																					
LA PLATA 1 W												2.3 2	1								T	T	T		9.5 10	.5 7	6	6	2.5 8	1.0 5	1	T	T				
LEONARDTOWN 3 NW																								7.0 7	1.0 8	8	8	1.0 9	2.0 11	6	5						
DWINGS FERRY LANDING												4.0 4												8.0 8	T 8	8	7	2.1 8	5	4	2						
* * * UPPER SOUTHERN 04																																					
ANNAPOLIS												2.5 3	T	T	T						T	T			11.5 12		9	8	1.0 7	5	5	5					
BALTIMORE WB AIRPORT												7.6 4	.2 4	.4 4	1	T	T				3.0	1			1.8 1	8.4 8	T 7		1.1 4	3	4	2	1				
COLLEGE PARK												4.0 4	2	T	T					3.0 3	T	T	T	6.0 6	6	5	4	1.2 5	2								
FORT GEORGE G MEADE												5.0 4	1.0 2	1	1	T	T			3.0 2	T	T	T	6.0 6	1.0 6	T 5	5	2.5 6	4	3	3						
GLENN DALE BELL STA												4.0 4	2	2	1	T				1.0 1	T			8.0 8	1.0 8	6	6	2.0 8	5	4	3						
* * * NORTHERN EASTERN SHORE 05																																					
CHESTERTOWN												1.0 1	T								.5 T	.5 T		T	12.0 12	T 10	8	6	.5 6	4	3	2					
MILLINGTON												1.0 -									T	1.0 -			4.0 4	3.0 9	8	7	1.0 8	6	5	4					
* * * NORTHERN CENTRAL 06																																					
BROOKDALE												6.2 6	T 5	4	3	2	2	T			2.5 2	2	1	T	11.8 13	T 10	7	6	2.3 8	6	5						
CONOWINGO DAM												1.0 1	1.0 2	1	T						5.0 5	4	2	2	8.5 12	11	11	10	T 9	5	4	4					
EMMITSBURG 2 SE												4.0 4	4.0 5	5	4	3	T				7.0 7	1.0 4	4	4	7.0 9	7	5	5	2.0 6	4	4						
FREDERICK WFMD												-	-	4	5	2	2				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PARKTON 2 SW												6.0 6	T 3	2	1	T	T	T			3.5 3	2	1	1	9.0 10	T 9	7	6	2.0 7	5	5						
UNIONVILLE												8.5 -	-	-	-	-	-	-			T	3.5 -	-	-	8.0 -	-	-	-	1.5 8	-	-	-	-	-	-	-	
WESTMINSTER 2 SSE	T											8.5 T	4	3	2	T				T	4.0 4	2	1	1.0 2	10.0 12	10	8	7	2.0 8	T	4	4					
WOODSTOCK												7.5 7	T 4	T 3	3	2	1	T			3.5 4	2	2	2	9.5 11	T 10	9	8	T 7	T 6	5	5					
* * * APPALACHIAN MOUNTAIN 07																																					
CUMBERLAND																									.5 1	2.5 3	2	1	3.0 3	1.0 2	2	2	1.0 2	2	1		
FROSTBURG		1.0 4	T 2	1	1	T	T	T				3.0 3	2	2	T						4.0 4	2.0 5	4	2	4.0 6	6	6	6	1.0 7	5	4	4					
HAGERSTOWN												3.0 3	.5 2	T T	T	T	T				3.5 2	1	1	1	4.0 4	1	1	1.5 1	.5 2	1	1						
HANCOCK FRUIT LAB												2.5 2												1.8 2	3.0 3	2	1	T T	2.0 2	2	1						

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
DECEMBER 1966

Continued

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	
*** ALLEGHENY PLATEAU 08																																
BITTINGER 2 NW		1.5									T		2.4	.4																		
OAKLAND 1 SE		2	2	2	2	1	T				T		2.2	.2			2	T		4.0	T		T	4.0	1.7	.5						
SAVAGE RIVER DAM	T	T	T	T	T														6.0	.5		2	2	3.5	.5	T						
DELAWARE																																
*** NORTHERN 01																																
MIDDLETOWN 1 WSW													.5																			
NEWARK UNIVERSITY FARM													1.5	T						5.0				6.0	4.0		T					
WILMGTN NCASTLE WB AP													1.4	T						5.1	2.1			12.4	.1							
WILMGTN PORTER RESVR													3.0	T						4.5	1.2			9.5								
*** SOUTHERN 02																																
BRIDGEVILLE 1 NW																				T	1.0			5.0	1.0							
DOVER														T	T					T	5.0			6.0	4.0							
GEORGETOWN 5 SW																								6.0	2.0							

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
DECEMBER 1966
DELAYED DATA

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	80° or Above	32° or Below	30° or Below										
MARYLAND																							
* * *																							
JUNE 1966																							
WOODSTOCK	83.4M	55.1M	69.3M	- 1.7		40	1	43	0	0	0	0	.70	- 3.10	.24	9	.0	0	3	0	0		
* * *																							
OCTOBER 1966																							
BENSON POLICE BARRACKS	66.7	42.3	54.5		80	9	25	31	320	0	0	2	0	3.57		2.00	19	.0	0	6	2	1	
CUMBERLAND POLICE BRKS	65.1	36.2	50.7		77	9+	23	31	437	0	0	12	0	2.23		1.25	1	.0	0	5	1	1	
EASTON POLICE BARRACKS	69.1	45.6	57.4	- .9	80	10	30	31	238	0	0	1	0	4.47	1.29	2.52	19	.0	0	7	2	1	
FREDERICK WFMD	64.5	41.9M	53.2M	- 2.4	77	9	27	31	353	0	0	3	0	2.06	- 1.07	.96	19	.0	0	4	2	0	
WALDORF POLICE BRKS	69.5	41.0	55.3		80	10	27	31	302	0	0	5	0	3.11		1.62	19	.0	0	6	2	1	
* * *																							
NOVEMBER 1966																							
LA PLATA 1 W	61.0	36.0	48.5		76	9	22	22	489	0	0	13	0	1.38		.80	28	T	0	3	1	0	

DAILY PRECIPITATION

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																																			
* * *																																			
JUNE 1966																																			
WOODSTOCK	.70							.05		.24	.15				.18		.08																		
* * *																																			
OCTOBER 1966																																			
BENSON POLICE BARRACKS	3.57	.60	.25		.17					.08						.30		.02	2.00	.10						.05									
CUMBERLAND POLICE BRKS	2.23	1.25								.28						.13		.17	.35	.05															
EASTON POLICE BARRACKS	4.47	.54	.16		.45		T			.15						.16		.12	2.52	.45						.04	T								
FREDERICK WFMD	2.06	.70								T						.23		.12	.96						.03	.02									
WALDORF POLICE BRKS	3.11	.64	.21													.10		.44	1.62	.10						T									
* * *																																			
NOVEMBER 1966																																			
LA PLATA 1 W	1.38		.29							.04	.01	.14															.04		.80	T	.02				

See Reference Notes Following Station Index

DAILY TEMPERATURES

MARYLAND AND DELAWARE
DECEMBER 1966
DELAYED DATA

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 * * *																																	
JUNE 1966																																	
WOODSTOCK	MAX	64	69	79	86	88	87	84	88	89	82	76	75	84	86	87	84	80	80	77	86				94	94	88	95					
	MIN	40	41	43	49	55	59	61	56	61	72	49	46	59	59	56	54	52	55	53	48					63	68	68					
OCTOBER 1966																																	
BENSON POLICE BARRACKS	MAX	70	64	68	75	73	62	67	75	80	76	70	71	71	71	68	69	59	52	53	57	63	66	69	68	61	67	66	66	72	60	58	
	MIN	46	40	38	44	55	42	40	38	49	56	40	48	39	51	50	59	40	32	42	42	34	33	41	51	47	41	39	34	41	34	25	
CUMBERLAND POLICE BRKS	MAX	53	64	66	77	72	54	69	76	77	75	62	67	71	76	76	74	50	47	50	54	62	70	69	65	60	65	64	72	70	54	58	
	MIN	38	30	28	38	48	36	26	28	41	54	41	43	30	38	48	48	45	30	40	42	28	29	42	36	35	34	29	30	37	26	23	
EASTON POLICE BARRACKS	MAX	77	65	76	79	74	64	66	75	77	80	71	69	75	77	75	71	65	55	58	60	63	68	72	69	64	66	66	67	73	68	58	
	MIN	49	41	40	46	55	49	37	48	54	61	42	51	43	50	50	64	39	37	49	49	35	42	52	54	49	49	39	35	41	33	30	
FREDERICK WFMD	MAX	60	65	66	75	73	61	65	76	77	73	70	69	68	70	70	67	53	49	49	55	60	64	67	64	57	63	63	70	67	58	57	
	MIN	46	40	36	44	57	42	40	38	50	55	38	50	40	45	52	53	41	30	42	43	34	35	48	46	37	36	32	46	35	27		
WALDDRF POLICE BRKS * * *	MAX	74	68	65	78	72	68	65	76	75	80	76	74	76	76	76	76	68	55	58	59	65	67	74	69	63	64	65	70	74	68	62	
	MIN	45	38	35	48	55	38	32	38	48	58	47	42	38	44	49	60	41	29	29	40	28	35	50	48	43	45	33	35	38	34	27	
NOVEMBER 1966																																	
LA PLATA 1 W	MAX	69	68	65	50	59	56	57	67	76	73	72	63	54	56	54	56	67	73	64	50	52	55	59	72	69	64	64	56	45	44		
	MIN	48	55	42	25	26	33	26	40	54	63	50	49	31	25	28	25	37	40	42	23	26	22	23	26	41	47	33	38	34	29		

SNOWFALL AND SNOW ON GROUND

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND * * *																																	
NOVEMBER 1966																																	
LA PLATA 1 W	SNOWFALL SN ON GND																																

See Reference Notes Following Station Index

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the Weather Bureau State Climatologist, Weather Bureau Airport Station, Friendship International Airport, Baltimore, Maryland 21240, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA MARYLAND AND DELAWARE".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a. m., E. S. T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for October 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for these States, price 25 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

