U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
IN COOPERATION WITH MARYLAND STATE WEATHER SERVICE

CLIMATOLOGICAL DATA

J. BILY, jr.

PRICE: 5 CENTS A COPY; 25 CENTS A YEAR

VOL. XLVIII BALTIMORE, MD., SEPTEMBER 1944 No. 9

GENERAL SUMMARY

This September was slightly milder than normal. The average rainfall was one and one-half times the normal, the greatest in September since 1938. There was much cloudiness, except the first decade was sunny. The dry weather of the summer terminated on the 11th. The 1st-6th was the warmest period of the month; other warm periods were 13th-22d and 26-29th. Cool periods were 7-12th and 23d-25th. The 30th was a cold wet day. The first and third decades were dry; the second decade was wet. Monthly sunshine was 10% below normal.

Monthly rainfall was above normal, except slightly below normal at Hancock and Westminster; it averaged twice the normal over the eastern half of the Eastern Shore. Totals ranged from 2.4 to 3 inches in eastern Allegany and western Washington Counties to 8 to 9.1 inches in Sussex and Worcester Counties.

Late potatoes, sweet potatoes, truck crops, grasses, and pastures, poor to fair in the first decade, were benefited greatly by the rains of the second decade and improved, and were mostly good during the third decade. Cutting field corn, filling silos, cutting the early tobacco crop, picking tomatoes, pulling sweet corn, picking apples, peaches, and pears, haying, plowing, sowing grains, and harvesting truck crops were in progress. During the third decade: Digging late potatoes and sweet potatoes in some localities, threshing buckwheat, and husking corn began; the peach season ended; early sown grains, crimsom clover, and alfalfa came up. Early potatoes remained undug at La Plata and were maturing in the Allegheny Mountain region. Tomatoes, sugar corn, and truck crops yielded fair to good. Tree fruits were good crops and plentiful.

TEMPERATURE

The monthly mean for the section, 68.1°, is 0.4° above normal. The highest monthly mean was 73.6° at Solomons; the lowest, 57.8°, at Mt. Savage Summit. The highest temperature, 96°, occurred at Bridgeville on the 4th; the lowest, 32°, at Oakland on the 26th. The greatest local monthly range was 56° at Bridgeville; the least, 34°, at Annapolis.

PRECIPITATION

The monthly average for the section, 5.03 inches, is 1.71 inches above normal. The greatest monthly rainfall was 9.07 inches at Snow Hill; the least, 2.40 inches, at Hancock. The greatest 24-hour rainfall was 4.90 inches at Snow Hill on the 14-15th.

(Continued on page 34)

EVAPORATION STATION: Beltsville, Md. (Elevation, 120 feet)
U. S. Bureau Dairying Industry, Joseph B. Shepherd, in charge
(Evaporation Tank: 10 inches deep, 48 inches in diameter)

Precipitation, 6.31; evaporation, 4.092; average daily wind movement, 33.8.

PRESSURE, HUMIDITY, SUNSHINE, WIND, DEGREE DAYS

Stations	Atmospheric pressure reduced to sea level: Highest	Date	Lowest	Date	Wind: Average hourly velocity	Maximum velocity	Direction	Date	Mean relative humidity: 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Heating degree days (base 65°)
Aberdeen, Md	30.36	17	29.45	14	.....	....	.....	....	84	61	81	....	53
Annapolis, Md.	30.40	18	29.46	14	8.2	....	.....	....	87	....	78	....	20
Baltimore, Md.	30.43	18	29.46	14	9.0	28	ne.	14	82	60	69	55	27
Elkins, W. Va.	30.42	17	29.74	5	5.1	27	nw.	4	93	63	83	57	139
Harrisburg, Pa.	30.46	18	29.56	14	6.8	21	nw.	7	85	59	71	61	59
Norfolk, Va.	30.34	17	29.07	14	9.0	56	nw.	14	84	63	78	58	5
Philadelphia, Pa.	30.47	18	29.33	14	8.1	32	n.	14	84	54	70	42	31
Pittsburgh, Pa.	30.38	17	29.70	4	8.8	22	w.	7	89	59	68	51	86
Washington, D.C.	30.42	17	29.50	14	6.1	35	w.	21	84	58	72	47	24

COMPARATIVE DATA FOR SEPTEMBER

Year	FOR MARYLAND: Temperature: Mean	Highest	Lowest	Precipitation: Average	Average snowfall	No. of days with .01 in. or more	FOR DELAWARE: Temperature: Mean	Highest	Lowest	Precipitation: Average	Average snowfall	No. of days with .01 in. or more
1895	70.4	101	27	2.08	T.	4	71.2	99	39	1.92	0.0	4
1896	66.3	94	28	4.39	0.0	8	67.1	93	36	3.96	0.0	7
1897	66.7	100	22	1.67	0.0	3	67.9	97	40	1.55	0.0	3
1898	69.3	100	29	1.80	0.0	5	70.3	97	44	3.35	0.0	6
1899	65.3	99	25	4.85	0.0	7	66.4	92	39	2.81	0.0	8
1900	72.0	103	29	3.47	0.0	6	71.6	95	43	2.75	0.0	6
1901	66.4	94	29	3.08	0.0	8	68.1	94	42	2.45	0.0	6
1902	66.0	101	25	6.19	0.0	10	67.4	92	42	6.14	0.0	10
1903	66.0	98	24	1.97	0.0	5	67.2	90	36	3.29	0.0	6
1904	67.1	99	27	3.66	0.0	5	67.5	95	33	3.21	0.0	5
1905	67.0	94	24	2.68	0.0	6	67.8	91	38	4.81	0.0	8
1906	70.6	94	36	1.25	0.0	6	72.2	98	47	1.51	0.0	6
1907	68.2	95	30	6.21	0.0	12	69.6	93	35	6.39	0.0	11
1908	65.9	94	24	2.39	0.0	3	66.8	90	40	2.49	0.0	4
1909	65.4	92	23	3.35	0.0	5	66.5	87	39	2.94	0.0	5
1910	69.4	98	32	1.90	0.0	6	69.9	96	46	0.76	0.0	4
1911	69.2	95	30	2.80	0.0	8	69.6	91	41	2.00	0.0	6
1912	69.1	102	30	5.93	0.0	10	70.2	**102**	39	4.65	0.0	10
1913	66.5	102	22	2.65	T.	7	68.1	91	41	3.92	0.0	8
1914	64.6	98	21	1.20	0.0	4	66.5	97	34	0.68	0.0	3
1915	69.2	98	31	2.26	0.0	6	71.1	99	36	0.90	0.0	4
1916	65.1	98	26	3.39	0.0	7	66.5	94	38	3.64	0.0	6
1917	**62.5**	93	27	2.62	0.0	7	**63.5**	91	37	3.35	0.0	6
1918	63.2	88	27	3.73	0.0	8	64.2	87	37	3.92	0.0	8
1919	68.1	100	31	2.34	0.0	4	68.3	94	40	2.23	0.0	4
1920	67.7	92	35	3.11	0.0	6	68.4	89	40	2.87	0.0	6
1921	72.5	99	37	3.48	0.0	9	73.4	98	45	2.16	0.0	7
1922	68.6	100	27	2.61	0.0	4	68.9	93	39	2.26	0.0	4
1923	68.2	92	28	3.45	0.0	9	68.8	88	39	3.93	0.0	8
1924	62.9	101	30	6.06	0.0	12	64.8	98	40	5.68	0.0	11
1925	71.4	100	35	1.78	0.0	7	72.3	94	39	1.06	0.0	4
1926	67.8	93	35	5.15	0.0	11	68.5	93	44	3.81	0.0	7
1927	67.8	99	26	1.36	0.0	4	68.0	96	38	2.04	0.0	5
1928	63.1	92	28	4.45	0.0	10	64.9	93	34	6.57	0.0	12
1929	68.2	100	25	3.58	0.0	8	69.4	96	40	3.99	0.0	8
1930	**72.9**	102	33	1.31	0.0	6	**73.8**	100	42	2.80	0.0	5
1931	72.0	100	30	2.61	0.0	8	73.5	98	43	2.00	0.0	5
1932	67.9	**106**	25	2.20	0.0	6	69.3	97	37	2.20	0.0	6
1933	70.0	94	37	3.20	0.0	11	71.6	94	46	3.44	0.0	10
1934	68.5	92	36	**9.36**	0.0	**14**	70.0	90	46	9.12	0.0	**13**
1935	65.0	92	28	7.60	0.0	8	66.2	87	38	**10.97**	0.0	6
1936	69.3	97	29	2.14	0.0	7	69.5	92	42	4.79	0.0	9
1937	64.1	96	26	1.75	0.0	6	65.4	93	38	1.48	0.0	6
1938	65.6	92	32	5.80	0.0	13	67.3	90	39	8.36	0.0	12
1939	68.7	100	31	3.25	0.0	7	69.5	95	44	1.97	0.0	7
1940	64.4	95	25	3.35	0.0	6	65.6	91	**32**	3.20	0.0	6
1941	70.0	100	31	**0.57**	0.0	**3**	71.0	97	38	**0.24**	0.0	**2**
1942	68.0	95	**19**	3.03	0.0	8	69.3	92	**32**	2.75	0.0	8
1943	65.7	99	25	1.85	0.0	6	67.4	99	36	1.79	0.0	6
1944	67.9	95	32	4.86	0.0	12	69.9	96	39	6.36	0.0	10
1945	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Period	67.6	106	19	3.32	T.	7	68.6	102	32	3.42	0.0	7

The Hurricane of September 14, 1944

A hurricane, which had been moving slowly northnorthwestward over the Atlantic Ocean since the 8th, moved northward over the North Carolina Coast during the forenoon of the 14th. The center was near but west of Hatteras at 8:20 a.m., E.S.T., and 50 miles east of Norfolk, Va., at 11:45 a.m., E.S.T. The hurricane then moved very rapidly northeastward, with its center 50 miles off the Maryland Coast between 2 p.m. and 3 p.m., E.S.T., and 60 miles east of New York City at 7:30 p.m., E.S.T., and reached Boston at 1:30 a.m., E.S.T., of the 15th, attended by winds of hurricane force.

The hurricane caused gales and heavy rains over the southern portion of the Eastern Shore and strong to gale winds westward to the western shore of Chesapeake Bay and northward to the Pennsylvania line. The gales grounded apples and peaches, blew down poles, uprooted trees, disrupted telephone and electric power services, ruined tomato, late bean, and pepper crops, and blew down much corn in Sussex, Wicomico, Worcester, and Somerset Counties.

The lowest sea-level pressure was 28.90 inches at 2:30 p,m., E.S.T., at Snow Hill and 28.71 inches at 2:45 p.m., E.S.T., at Ocean City. Northeast gales reached 50 to 60 miles per hour at Ocean City.

The rainfall was mostly between 3 and 5 inches in eastern and southern Sussex County and in Wicomico, Worcester, and Somerset Counties, between 2 and 3 inches in northwestern Sussex County, between 1 and 3 inches in Dorchester County, between 1 and 2 inches in Kent (Del.) and New Castle Counties, and less than 1 inch over the remainder of the Eastern Shore and over Maryland west of Chesapeake Bay, except slightly more than 1 inch at Fallston and Woodstock.

The tide was high in the upper and middle Chesapeake Bay and very high in the lower Chesapeake Bay and its estuaries and along the Atlantic Coast. The height of the tide at Ocean City was 5.5 feet above normal. Water was 2 to 3 feet deep in the streets of Crisfield, Pocomoke City, Princess Anne, Deal Island, Snow Hill, Bridgeville, and Seaford.

At Ocean City the boardwalk was lifted and broken to pieces by the waves and the pieces were dashed against the fronts of the hotels and damaged them. Hotels, homes, and business establishments were damaged by the gales and the waves, and the first floors and cellars were flooded; ocean water was 3 feet or more deep in the streets.

The 250-foot freighter, Thomas Tracy, was driven aground at Rehobeth Beach, Del., and broken in two by the waves.

A warehouse was blown over near Salisbury and a number of buildings were unroofed at Laurel, Del.

Damage by this hurricane over the southern Eastern Shore was estimated at $500,000, of which about half occurred at Ocean City.

(Continued from front page)

MISCELLANEOUS PHENOMENA (WITH DATES)

Fogs, light: 1-23, 25-30. *Fogs, dense:* 1-3, 7, 9, 11-23, 25-30. *Halos, lunar:* 5, 27. *Halos, solar:* 8, 27, 28.

Hail, light to heavy: Southwestern portion of Harford County, 3 p.m. to 3:30 p.m., E.S.T., 4th; one-eighth inch at Abington, one-half to three-quarters inch or size of chestnuts at Bel Air; no damage.

Gale: Southern Eastern Shore and on coast, 14.

Rainbows: Ferry Landing, Frostburg, and Oxford, 1.

Thundergust, severe: From extreme northern Baltimore County, 2:30 p.m., E.S.T., southeastward to Bush River, Harford County, 3:30 p.m., E.S.T., 4th; area 10 miles wide and 35 miles long; some trees were uprooted and some telephone and electric wires were leveled, several barns and dwellings were unroofed and a number of each were damaged by uprooted trees. A number of workmen shacks at Black Horse Camp were overturned. A horse was killed at White Hall when he stepped upon a live wire.

Thunderstorms: 1, 4, 6, 12, 13, 20, 21, 28.

Tide, very high: Atlantic Coast and lower Chesapeake Bay, 14th.

ERRATA

June 1944.—Page 21: Third paragraph under TORNADOES OF JUNE 23, 1944, according to letter of August 21, 1944, from Mr. R. E. Weber, cooperative observer at Oakland, property damage in Deer Park area should be 10 farm houses were destroyed and 3 were damaged, 19 barns were destroyed and 2 were damaged, 28 other buildings were destroyed and 3 were damaged, some farm machinery was lost and some was damaged, some cattle and some horses were lost, total loss about $150,000; in addition, many wood lots and large areas of forest were damaged severely.

Page 22: Charlotte Hall, prevailing wind direction should be ne.; Frederick, minimum temperatue should be *40*; Frederick Airport, date of greatest precipitation in 24 hours should be 23; Picardy, greatest precipitation in 24 hours should be 0.90 and the date should be 14.

Climatological Data for September 1944

STATIONS	COUNTIES	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					Number of days				Prevailing direction of wind	OBSERVERS
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	With precip., 0.01 in. or more	Clear	Partly cloudy	Cloudy		
Maryland																				
Aberdeen[1], 4 miles SE.	Harford	61	26	67.8	−0.2	90	†2	44	25	6.40	+3.05	3.93	13	0.0	12	10	9	11	e.	U. S. Army
Annapolis[1]	Anne Arundel	4	79	71.0	+1.5	89	†2	55	†24	3.88	−0.04	2.13	13	.0	11	8	9	13	nw.	U. S. Navy
Baltimore[1]* (central)		14	74	70.6	+2.1	93	†2	53	†24	5.39	+2.02	3.24	13-14	.0	13	11	6	13	sw.	U.S. Weather Bureau
Bell††	Prince Georges	151	24	68.7	+0.6	92	†2	41	9	5.54	+1.46	2.25	12-13	.0	12	9	10	11	sw.	Bureau Plant Industry
Beltsville, 1 mi. ESE	Prince Georges	120	7	68.0	.....	92	4	43	†9	6.31	.....	2.31	12-13	.0	12	.....	.....	.....	nw.	J. B. Shepherd
Bethesda, 1¾ mi. WNW	Montgomery	550	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Albert E. Rogers
Blackwater††	Dorchester	5	4	69.1	.....	92	4	44	9	3.59	.....	1.05	14,29	.0	10	16	5	9	ne.	National Wildlife Refuge
Cambridge, 3½ miles W.	do	13	51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss. Aileen Harding
Charlotte Hall, 2½ mi. E	St. Marys	167	23	70.0	+1.0	91	†1	47	25	4.05	+1.27	.96	13	.0	12	8	14	8	ne.	J. Burch Tennyson
Cheltenham, 1½ mi. NW.	Prince Georges	230	44	68.2	−0.2	92	4	46	†9	4.45	+0.90	1.62	13-14	.0	11	8	11	11	nw.	U. S. Magnetic Obs'y.
Chestertown	Kent	35	39	70.4	+2.3	95	4	44	25	3.61	+0.05	1.35	13	.0	11	11	9	10	n.	Mrs. M. C. Eliason
Chewsville, ¾ mile SE.	Washington	630	47	66.3	+0.4	93	4	40	9	3.30	+0.15	1.43	13	.0	12	7	14	9	nw.	D. Paul Oswald
Clear Spring, 1½ mi. NE	Washington	560	45	66.6	+0.3	94	2	40	9	3.65	+0.67	.81	13	.0	11	14	7	9	w.	Mrs. Leo A. Cohill
Coleman††, 3 miles NW	Kent	80	47	69.9	+0.7	93	4	48	25	4.34	+0.84	1.60	13	.0	12	12	8	10	sw.	Walter B. Harris
College Park	Prince Georges	160	58	68.8	+0.8	93	4	43	26	5.98	+2.56	3.10	12-13	.0	12	10	9	11	ne.	Russell G. Brown
Conowingo Dam	Harford	40	9	67.2	.....	92	2	41	24	4.77	.....	2.24	13-14	.0	11	14	5	11	.....	Susquehanna Electric Co.
Crisfield	Somerset	5	25	72.8	+1.0	92	†4	50	25	5.70	+2.39	3.75	13-14	.0	10	15	7	8	ne.	Grover C. Adams, Sr.
Cumberland	Allegany	623	74	65.1	−0.9	95	5	43	†8	3.26	+0.54	.85	18-19	.0	11	14	7	9	.....	J. E. Bangerd
Dundalk, ½ mile S.	Baltimore	16	10	70.6	+3.0	94	3	51	24	5.48	+2.11	3.41	13	.0	11	9	8	13	w.	U. S. Airport Station
Easton	Talbot	35	54	69.7	+1.0	90	†1	44	25	4.63	+1.16	1.53	28-29	.0	10	13	9	8	w.	Clement E. Bray
Edgemont††, 1 mile SW	Washington	920	6	.....	.....	.....	.....	.....	.....	3.31	.....	1.00	13	.0	10	.....	.....	.....	.....	Lee G. Harne
Elkton	Cecil	28	18	68.1	+0.2	93	2	40	25	5.29	+2.19	2.92	12-13	.0	12	16	4	10	nw.	H. W. Bouchelle
Emmitsburg, 2½ mi. SW	Frederick	720	78	68.2	+2.0	91	†3	45	24	3.91	+0.19	2.00	12-13	.0	13	9	10	11	s.	Mt. St. Mary's Seminary
Fallston††	Harford	450	75	68.0	+1.7	92	4	45	25	7.75	+3.75	2.65	12-13	.0	14	11	8	11	s.	Miss Dora Curtiss.
Ferry Landing††, 1½ mi S	Calvert	120	28	69.8	+1.0	94	4	48	†9	6.22	+2.26	2.48	12-13	.0	12	9	12	9	ne.	Thos. J. Bourne
Fort George G. Meade	Anne Arundel	195	3	67.8	.....	92	2	42	26	6.72	.....	4.22	12-13	.0	11	13	5	12	sw.	U. S. Army
Frederick	Frederick	297	75	66.9	−0.8	91	†2	41	9	4.68	+1.28	1.64	12-13	.0	14	8	12	10	ne.	D. J. Markey, jr.
Frederick Airport¶	do	380	1	67.8	.....	92	4	44	24	3.11	.....	1.26	12-13	.0	13	8	12	10	sw.	U. S. Weather Bureau
Friendsville	Garrett	1,980	26	60.8	−2.0	85	4	36	9	3.72	+0.60	.67	28	.0	9	10	8	12	.....	Joab J. Friend
Frostburg	Allegany	1,950	43	62.8	−1.8	88	3	37	9	4.15	+1.01	.70	11-12	.0	14	9	12	9	se.	S. Graff Haverstick
Georgetown	Cecil	25	8	70.2	.....	94	4	45	25	4.68	.....	1.50	13	.0	11	14	6	10	ne.	Capt. N. L. Riggin
Germantown	Montgomery	460	4	68.2	.....	91	†3	47	10	5.31	.....	1.85	12-13	.0	14	16	2	12	s.	Ralph F. Staley
Grantsville	Garrett	2,320	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Floyd J. Miller
Great Falls††	Montgomery	200	56	68.7	+0.7	95	2	45	†8	6.14	+2.64	1.50	12-13	.0	13	12	6	12	nw.	John E. Bissett
Hancock	Washington	428	35	.....	.....	.....	.....	.....	.....	2.40	−0.49	.67	12-13	.0	11	.....	.....	.....	.....	Marvin K. Murray
Huntingtown	Calvert	160	9	68.2	.....	91	4	45	†9	4.94	.....	1.65	28-29	.0	12	13	8	9	ne.	Elmer O. Bowen
Keedysville	Washington	420	41	67.2	−0.5	93	†2	42	†9	5.01	+1.76	1.65	13	.0	11	13	7	10	nw.	J. A. Miller
La Plata	Charles	190	30	69.7	−0.2	93	4	45	†9	7.20	+3.63	2.40	12-13	.0	10	10	11	9	w.	Wallace S. Barnes
Laurel, 2 miles SW	Prince Georges	300	50	67.9	−0.2	91	4	44	26	6.96	+3.49	3.60	12-13	.0	12	13	5	12	.....	Evans G. Chaney
Luke	Allegany	950	7	.....	.....	.....	.....	.....	.....	3.35	.....	.72	18-19	.0	13	.....	.....	.....	.....	J. G. Patrick
Maryland Line	Baltimore	840	20	66.4	−0.5	90	†3	40	24	6.18	+2.29	2.30	12-13	.0	11	13	6	11	e.	Chester L. Fulton
Millington	Kent	27	47	69.7	+1.3	94	2	42	25	3.69	−0.03	1.00	13	.0	11	15	5	10	w.	Henry L. Higman
Mt. Savage Summit§ ††	Garrett	2,852	12	57.8	.....	80	†2	36	24	3.95	+1.27	.80	11-12	.0	10	7	9	14	w.	U. S. Airway Station
Oakland, 1 mile SE	do	2,420	47	60.2	−0.7	84	3	32	26	3.39	+0.20	.68	28-29	.0	15	9	7	14	w.	R. E. Weber
Ocean City	Worcester	10	6	70.4	.....	92	3	53	†9	5.23	.....	2.92	14-15	.0	12	9	11	10	ne.	U. S. Airway Station
Oxford	Talbot	10	8	72.4	.....	91	4	49	25	4.05	.....	1.76	28-29	.0	11	13	9	8	sw.	Henry Wilcox
Perry Point	Cecil	40	4	.....	.....	.....	.....	.....	.....	5.95	.....	3.80	12-13	.0	12	13	7	10	.....	Veterans Administration
Picardy ††, 3 miles NE.	Allegany	1,030	18	66.0	0.0	91	†2	40	24	2.65	+0.02	.60	11-12	.0	10	20	1	9	w.	Oscar R. Day
Pocomoke City	Worcester	37	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Raymond C. Dryden
Prettyboy Dam ††	Baltimore	780	14	65.8	+0.4	91	4	44	†24	4.48	+0.48	2.50	12-13	.0	10	.....	.....	.....	.....	C. W. Hendrix
Princess Anne	Somerset	17	69	70.1	+1.3	95	4	42	25	5.89	+2.55	4.07	14-15	.0	10	9	13	8	ne.	James R. Stewart
Ridgely	Caroline	67	54	70.2	+1.5	93	†1	42	25	4.82	+1.26	1.81	28-29	.0	10	13	7	10	sw.	William Vernon Blades
Rock Hall	Kent	20	31	70.0	+0.6	94	4	43	25	4.68	+0.80	2.85	13	.0	10	11	10	9	ne.	Geo. C. Simms
Salisbury	Wicomico	9	38	71.8	+2.4	95	4	44	25	7.59	+3.70	4.05	13-14	.0	10	10	12	8	se.	City of Salisbury
Silver Spring	Montgomery	310	6	69.2	.....	92	4	48	†9	6.47	.....	3.39	12-13	.0	11	11	7	12	n.	O. L. Harvey
Sines[1] (Deep Creek) ††§	Garrett	2,030	20	58.6	−0.9	83	4	35	9	4.78	+1.86	.87	13-14	.0	16	8	11	11	.....	C. E. MacMurray
Snow Hill	Worcester	20	29	70.0	+1.1	95	4	43	†25	9.07	+5.31	4.90	14-15	.0	12	8	11	11	ne.	U. S. Airway Station
Solomons	Calvert	20	53	73.6	+2.0	93	1	56	26	2.96	+0.01	.86	12-13	.0	9	13	9	8	nw.	Chesapeake Biological L'b.
State Sanatorium	Frederick	1,460	36	66.0	+0.2	89	†3	43	24	4.46	+0.50	2.00	12-13	.0	13	9	12	9	.....	Dr. V. F. Cullen
Takoma	Montgomery	320	46	69.3	+1.7	92	4	49	†9	6.54	+2.96	3.60	12-13	.0	11	9	9	12	.....	Guy L. Seaman
Tonoloway††	Washington	550	20	65.0	−0.8	91	†2	39	24	3.12	+0.32	.82	11-12	.0	11	19	2	9	.....	American Fruit Growers
Towson	Baltimore	475	33	.....	.....	.....	.....	.....	.....	5.36	+1.99	1.76	12-13	.0	12	11	6	13	w.	S. Elmer Parks
Unionville	Frederick	430	5	66.9	.....	92	†2	40	9	3.55	.....	1.27	12-13	.0	12	15	4	11	sw.	G. Plitt Von Eiff, jr.
Western Port	Allegany	1,000	51	64.8	−2.0	90	4	41	†9	3.52	+0.77	.70	.30	.0	13	.....	.....	.....	.....	Norris Bruce
Westminster	Carroll	770	85	67.8	+0.3	95	†2	44	†10	3.13	−0.91	.95	13-14	.0	10	13	6	11	se.	Harry J. Mathias
Williamsport, 2 mi. NW	Washington	360	6	.....	.....	.....	.....	.....	.....	3.43	.....	.94	13-14	.0	12	.....	.....	.....	.....	R. C. Willson
Woodstock	Baltimore	415	75	67.2	+1.0	95	4	41	26	5.52	+1.89	1.60	12-13	.0	12	13	5	12	s.	Woodstock College
Dist. of Columbia																				
Washington[1]**		72	74	70.5	+2.4	92	4	53	26	5.77	+2.53	2.52	12-13	.0	12	10	7	13	w.	U. S. Weather Bureau
Delaware																				
Bridgeville, 1 mile W.	Sussex	45	54	69.2	+0.7	96	4	40	25	8.09	+4.74	3.06	13	.0	10	17	5	8	w.	William M. Ray
Delaware City, 1½ mi. SW	New Castle	10	58	69.8	+1.2	91	3	46	25	7.46	+3.92	2.33	12-13	.0	10	17	5	8	nw.	James E. Maden
Dover	Kent	34	57	70.4	+1.8	91	†1	44	25	5.70	+1.84	1.72	13-14	.0	12	17	6	7	nw.	Arthur G. Livingston
Milford	Sussex	20	63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Millsboro	do	29	52	69.8	+0.9	95	1	40	25	8.82	+5.24	5.50	14-15	.0	10	12	10	8	w.	Preston C. Towsend
Newark‖	New Castle	110	13	.....	.....	.....	.....	.....	.....	3.86	+0.54	1.74	12-13	.0	9	16	5	9	nw.	G. E. Ramsey
Newark‖‖, 1½ mile SW.	do	110	32	69.2	+3.2	91	†2	39	25	4.41	+1.09	2.32	12-13	.0	10	16	5	9	nw.	Fred. Collins
Wilmington§§	do	42	51	.....	.....	.....	.....	.....	.....	5.94	+2.32	2.64	12-13	.0	10	17	3	10	nw.	Street Department
Wilmington§§§, 2mi. NE	do	260	33	71.2	+3.2	91	†2	41	25	6.58	+2.73	3.21	12-13	.0	10	17	3	10	w.	Water Department
Means and extremes:																				
For Maryland and District of Columbia.		.....	.....	**67.9**	**+0.3**	**95**	**†2**	**32**	**26**	**4.86**	**+1.54**	**4.90**	**14-15**	**.0**	**12**	**12**	**8**	**10**	ne.	
For Delaware		.....	.....	**69.9**	**+1.3**	**96**	**4**	**39**	**25**	**6.36**	**+2.94**	**5.50**	**14-15**	**.0**	**10**	**16**	**5**	**9**	nw	
For entire section		.....	.....	**68.1**	**+0.4**	**95**	**†2**	**32**	**26**	**5.03**	**+1.71**	**5.50**	**14-15**	**.0**	**11**	**12**	**8**	**10**	nw.	

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. The normal may be found by adding the departures when minus (−) or subtracting when plus (+). T. Trace or 0.005 inch or less rain or melted snow. [1]Recording gage. *Italics*, Data interpolated. Elevations are of ground above mean sea level.

††Post addresses of these stations are as follows: Of Bell, Glenndale; of Blackwater, Cambridge; of Coleman, Worton; of Edgemont, Smithsburg; of Fallston, Bagley; of Ferry Landing, Owings; of Great Falls, Bethesda; of Mt. Savage Summit, Frostburg; of Picardy, Paw Paw, W. Va.; of Prettyboy Dam, Parkton; of Sines, Oakland; of Tonoloway, Hancock. *Custom House, Gay and Water Sts. **Weather Bureau Building, 24th and M Sts. †Also on other dates. §On mountain top, 2½ miles northwest of Frostburg. §§Municipal Building. §§§Porter Reservoir. ‖Water Pumping Station. ‖‖University Farm. §1 mile west. Figures and letters following station indicate distance and direction of the observation point from the City Postoffice. ¶1.8 miles west.

/Thermometers are read in morning; maximum temperature then read is charged to preceding day, on which it almost always occurs. Temperatures at Aberdeen, Annapolis, Baltimore, Sines, and Washington are from midnight to midnight; at Dundalk, Mt. Savage Summit, Ocean City, and Snow Hill the thermometers are read at 1:30 a.m., the extremes are charged to the preceding day; at other stations temperatures are for a 24-hour period ending in late afternoon or near sunset, except 9 p.m. at Chestertown. *Italics*, Data interpolated.

Daily Precipitation for September 1944

Stations	Drainage basin	Day of month																													Total
		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	
Aberdeen[1]	Atlantic	.62			.46		.01					T.	.78	3.93	.16	T.			.02	.08	.11	T.							.03	.08	.12		6.40
Annapolis[1]	do	.10				.15	T.					T.	.36	2.13	.20				.10	.06	T.	.09							.35	.11	.23		3.88
Baltimore[1‡]	do	.33			T.		.22					.01	.46	3.15	.35	.04			.19	.07	.23	T.				T.			.07	.08	.19		5.39
Bell	do		.29					.37					.40	2.25	.40				.14	.05	.19	.01	.88			T.			T.	.24	.32		5.54
Beltsville[2]	do		.55					.60					.46	2.31	1.15	.15			T.	.26	.04	.33	.11							.09	.26		6.31
Blackwater[2]	do		.21					*Lo*					.01	.32	T.	1.05				.26	.02		.50							1.05	.07		3.59
Charlotte Hall	do		.68					.19					.33	.96	.24				.23	.20		*	.10						.59	.08	.45		4.05
Cheltenham[2]	do		.05					.17					.11	1.24	1.62	.18			T.	.29	.03		.07							.58	.11		4.45
Chestertown	do	.14			T.			.36					.60	1.35	.35	T.			*	.27	T.	.05							*	.32	.17		3.61
Chewsville	do	.21			.02	T.	T.						.13	1.43	.18				.09	.13	T.	.12	.05						.44	.04	.46		3.30
Clear Spring	do	.30			.26	T.	T.						.23	.81	.60				.19	.32	.12	T.	T.						.16	.51	.15		3.65
Coleman	do	*	.31		T.			.06					.44	1.60	.28	.04			*	.82	.33	T.							T.	.26	.20		4.34
College Park	do	T.	.30					.45					.49	3.10	.29				.20	.11	.08	.25							.10	.27	.34		5.98
Conowingo Dam[2]	do	.11	.16			.01		T.					.60	1.03	2.24	.21				.22	.02	T.	T.			T.				.15	.02		4.77
Crisfield	do		.18										.26	.23	3.75	.15			.05	.18			.15							.34	.41		5.70
Cumberland[2]	do	.34	.09			.14		T.					.27	.27	.34	.13				.85	.11	T.	T.		T.				T.	.32	.40		3.26
Dundalk[3]	do	.23			T.		.12					T.	.65	3.41	.32			T.	.13	.06	.11	T.							.14	.04	.27		5.48
Easton	do		.15					.08					.20	.31	.76	T.			.05	.18	T.		.55						1.53	.82		4.63
Edgemont[2]	do	.10	T.			.06		T.					.10	.80	1.00	.08				.32		T.	.09							.40	.36		3.31
Elkton	do	.24	.03		T.			T.					1.02	2.92	.62	.02			.02	.18	T.	.04							.02	*	.18		5.29
Emmitsburg	do	.19	.04					T.					.31	2.00	.18				*	.52	.08	.03	.03						*	.16	.37		3.91
Fallston	do	1.80	.02		.38			T.					.92	2.65	1.23	.04			.07	.11	.10	.02							.06	.10	.25		7.75
Ferry Landing	do		.07					.09					.30	2.48	.32				.11	.25		.10	.02						.22	1.76	.50		6.22
Fort George G. Meade	do	.45	T.					.42					.36	4.22	.36				.21	.12	.05	.04							T.	.20	.29		6.72
Frederick	do	1.16	.01					.09					.22	1.64	.15	.01			.15	.22	.05	.36				T.			.12	.10	.40		4.68
Frederick Airport[3]	do	.05					.07					.07	.38	1.26	.03	T.			.25	.07	.01	.37							.17	.02	.36		3.11
Friendsville	Ohio	.40			T.	.52							.40	T.	.58				*Lo*	.25		.30							.67		.50		3.72
Frostburg	Atlantic	.54			.38	.08		.01					.70	.06	.36	.03			.52	.55	.06	T.							.26	.03	.57		4.15
Georgetown	do	T.	*		T.			*					1.85	1.50	.65	*			.15	*.15*	*.03*	T.	T.						T.	*.20*	*.15*		4.68
Germantown	do	*.80*	.06					.31					.08	1.85	.14	.01			.30	.21	.18	.67							.22	.20	.28		5.31
Great Falls[2]	do	.03	.78					.50					*	2.00	1.22	.09				.32	.13	.18	.44							.32	.13		6.14
Hancock[2]	do	.38	.08			.08		T.					.13	.67	.40	.03				.33	.05	T.	T.							.20	.05		2.40
Huntingtown	do		.38					.15					.42	1.02	.31				.12	.12		.09	.05						.01	1.65	.62		4.94
Keedysville	do	1.87			T.	T.	T.						.20	1.65	.30				.14	.16	.01	.05							.17	.08	.38		5.01
La Plata	do		.50					.10					.20	2.40	.90				.20	.20		.10								1.80	.80		7.20
Laurel	do	*.50*	T.					*.40*					.52	3.60	.93				.02	.13	.20	.21							.04	.15	.26		6.96
Luke[2]	do	.60	.05			.05		.05					.31	.20	.38	.07			T.	.72	T.	.01	T.		.05					.40	.46		3.35
Maryland Line	do	T.	.33		1.75			T.					.39	2.30	.42	T.			.10	.37	.18	T.	T.						.07	*	.27		6.18
Millington	do		.14		T.			.28					.76	1.00	.80	.06			.05	.15	.02		T.						T.	.20	.23		3.69
Mt. Savage Summit[3]	do	.50			.34	T.	T.					.18	.62	T.	.23				.63	.33	.02	T.							.43		.67		3.95
Oakland	Ohio	.24			.10	.14	.18					.17	.40	.16	.26				.15	.05		.05			.19				.56	.12	.62		3.39
Ocean City[3]	Atlantic	.10	.02									.04	.37	.06	2.90	.02			.01	.42		.59								.12	.58		5.23
Oxford	do		.20					.13					.22	.16	.59	.02			.07	.09	T.		.24							1.76	.57		4.05
Perry Point	do	.06	.86		.06			T.					.53	3.80	.30	.01			T.	.05	.03	T.							.03	.10	.12		5.95
Picardy	do	.30			T.	T.	.10						.60	.20	.15				.20	.30	T.								.20	.20	.40		2.65
Prettyboy Dam	do	T.	.22		T.			T.					*	3.04	.35	.05			.04	.21	.19	T.							.10	*	.28		4.48
Princess Anne	do		.24										.18	.40	4.00	.07			.13	.28		T.	.10							.09	.40		5.89
Ridgely	do		.06					.19					.48	.62	.85	.03			T.	.18	T.		.30							1.81	.30		4.82
Rock Hall	do		.11		T.			.52					.35	2.85	.36	.02			.03	.11	T.		T.						T.	.15	.18		4.68
Salisbury	do		.12					T.					.25	.71	4.05	.47			.10	.49			.83							.11	.46		7.59
Silver Spring	do	.60	T.					.49					.47	3.39	.24				.19	.14	.08	.28							T.	.25	.34		6.47
Sines[1]	Ohio	.73			.63	.04	.04					.15	.31	.47	.45				.08	.20	.26	.02			T.				.81	.04	.55		4.78
Snow Hill[3]	Atlantic	.23	.06									.07	1.29	.05	4.83	.07			.15	1.19		.20								.36	.57		9.07
Solomons	do		.16										.20	.86	.52				.05	.21		.25								.13	.58		2.96
State Sanatorium	do	.20	.06					T.					.35	2.00	.27				*	.62	*	*	.14						.25	.04	.53		4.46
Takoma	do	.29	T.					.48					.50	3.60	.20				.21	.12	.10	.40							T.	.80	.34		6.54
Tonoloway	do	.56			T.	.05	.02						.82	.25	.12				.21	.36	T.	T.							.16	.04	.53		3.12
Towson[2]	do	.27	1.08			T.		.05					.39	1.76	.83	.22				.25	.21	.01	T.								*	.29		5.36
Unionville	do	.84	T.					.06					.21	1.27	.16				.11	.17	.14	.05							.06	.10	.38		3.55
Western Port	do	.15			T.	.06	.05						.52	.06	.65	.02			.52	.30	T.	.01							.45	.03	.70		3.52
Westminster[2]	do	.22	.04					T.					.11	.81	.95	.16			T.	.23	.35	T.								.16	.10		3.13
Williamsport[2]	do	.14	.40			.31		T.					.20	.44	.94	.03				.38	.04	T.	.08							.42	.05		3.43
Woodstock	do	1.05						.05					.28	1.60	1.22	T.			.09	.06	.60	.01							.10	.16	.30		5.52
Washington, D. C.[1‡]	do	.15					.43					T.	.55	2.51	.26	T.			.36	.07	.09	.72			T.	T.			.22	.10	.31		5.77
Delaware																															
Bridgeville	Atlantic		T.					.11					.84	3.06	2.20	.07			.07	1.16			.04							.58	.46		8.09
Delaware City	do		.42					.02					1.60	2.33	1.30	.64			.10	.02			T.						T.	1.00	.03		7.46
Dover	do		.09					.09					.77	.85	1.72	.73			.02	.32	.02		.22							.71	.16		5.70
Millsboro	do		.06					T.					.40	.32	4.75	.75			.14	.53			.45							.90	.52		8.82
Newark[2‖]	do		*		*			T.					*	2.00	1.08	.48				T.	.14		T.							*	.16		3.86
Newark[‖‖]	do		.14		.02			T.					.96	2.32	.58	.06			T.	.16	T.	T.							.04	.04	.09		4.41
Wilmington[§§]	do		.15					.03					1.31	2.64	1.30	.34			*	.07	T.								T.	.05	.05		5.94
Wilmington[§§§]	do		.22					.02					1.35	3.21	1.38	.18			.06	.05	T.								T.	.05	.06		6.58

Except as otherwise indicated, amounts are for 24-hours ending late in afternoon. [1]Midnight to midnight; recording gage. [2]Measured in the morning; for the preceding 24-hours. [3]Data for 24-hours ending at 1:30 a.m. of following day. T. Trace or 0.005 inch or less. *Included in next measurement. *ITALICS* Data interpolated. ‡First-order Weather Bureau station. ‖Water Pumping Station. ‖‖University Farm. §§Municipal Building. §§§Porter Reservoir.

Daily Temperatures for September 1944

Stations		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	Mean
Delaware																																	
Bridgeville	Maximum	94	94	94	96	93	87	82	72	82	80	75	80	85	78	86	80	80	72	75	81	86	79	68	69	70	75	78	83	75	63		80.4
	Minimum	71	69	62	64	67	60	59	44	46	44	52	64	68	65	65	61	56	64	64	65	64	62	51	48	40	42	51	58	60	54		58.0
Delaware City	Maximum	88	90	91	90	88	85	84	79	79	79	79	78	77	77	84	84	82	79	71	74	81	80	75	67	67	74	77	80	79	69		79.6
	Minimum	69	70	65	66	67	61	64	49	51	*48*	*53*	61	70	72	67	61	63	64	64	65	66	59	54	51	46	49	55	59	62	53		60.1
Dover	Maximum	91	90	91	91	90	88	84	78	73	79	76	75	83	79	84	83	79	77	73	79	86	83	74	66	68	73	74	83	78	65		79.8
	Minimum	71	72	67	66	71	62	64	51	52	49	55	65	70	70	68	63	61	67	66	61	66	62	55	50	44	47	56	61	62	56		61.0
Millsboro	Maximum	95	94	93	93	94	88	83	72	79	79	79	79	86	80	82	84	77	74	73	77	81	78	67	68	68	75	76	84	70	62		79.7
	Minimum	72	75	62	65	69	59	63	48	45	46	54	67	71	67	67	60	57	67	66	67	65	63	54	50	40	42	52	61	61	58		59.8
Newark	Maximum	86	*91*	91	88	88	85	78	76	72	78	78	74	80	76	83	80	82	74	72	76	84	76	70	66	68	75	78	81	70	65		81.0
(University Farm)	Minimum	63	67	60	62	64	57	54	45	48	46	49	62	69	71	66	60	58	63	64	66	64	58	53	47	39	42	51	*56*	63	52		57.3
Wilmington	Maximum	86	91	91	89	86	84	83	76	73	79	79	76	78	77	83	83	82	76	73	75	83	80	76	67	69	74	76	79	76	67		78.9
(Porter Reservoir)	Minimum	66	68	66	64	66	60	63	49	51	49	52	61	68	69	65	61	60	63	62	63	63	*56*	51	46	41	48	47	59	59	50		63.5
District of Columbia	Maximum	90	92	91	92	90	87	76	71	77	80	74	73	79	80	84	82	84	73	76	82	84	75	65	69	66	75	78	78	70	60		78.4
Washington	Minimum	73	72	66	70	70	65	59	56	*53*	*55*	59	63	70	72	66	63	60	67	68	70	67	62	*55*	53	*54*	53	58	64	*60*	*54*		62.6

Daily Temperatures for September 1944—Continued

Stations (Maryland)		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	Mean
Aberdeen	Maximum	86	90	90	90	87	81	78	71	72	78	76	75	76	76	84	80	81	71	74	77	80	75	62	66	66	74	77	78	68	58	....	76.6
	Minimum	65	69	65	67	67	62	63	59	52	51	53	61	66	68	65	61	60	65	65	65	65	58	48	49	44	45	51	59	54	51	....	59.1
Annapolis	Maximum	88	89	89	89	87	86	78	70	75	80	74	75	80	78	84	80	78	72	74	76	78	74	65	70	66	72	72	78	70	62	....	77.0
	Minimum	74	72	72	74	75	66	66	57	56	61	64	64	71	71	68	65	64	68	68	68	70	65	56	55	58	55	60	65	62	56	....	64.9
Baltimore (U.S.W.B.)	Maximum	88	93	92	93	88	86	78	73	72	78	75	75	75	78	85	85	82	72	75	76	83	76	63	76	65	66	65	77	79	70	58	77.8
	Minimum	70	72	71	75	74	67	63	58	56	56	59	61	69	70	68	66	65	66	67	68	70	64	55	53	53	53	58	64	58	55	....	63.5
Bell	Maximum	90	92	91	92	91	88	86	75	75	79	76	76	76	75	85	83	82	79	77	81	85	79	74	68	67	76	78	82	75	65	....	79.9
	Minimum	67	69	58	63	67	57	63	44	41	45	51	61	68	70	63	54	53	66	66	67	67	56	49	49	44	42	50	58	65	53	....	57.6
Beltsville	Maximum	91	91	89	92	88	86	75	72	77	79	76	74	77	79	84	82	83	72	77	82	84	74	66	69	69	77	78	79	67	60	....	78.3
	Minimum	60	70	59	65	68	57	62	46	43	47	52	62	64	70	65	55	54	66	66	67	68	55	53	50	45	43	50	56	60	53	....	55.7
Blackwater/	Maximum	90	89	91	92	84	80	76	66	74	76	75	78	86	77	83	82	82	74	75	81	84	76	67	67	68	73	75	81	70	61	....	77.8
	Minimum	58	73	59	61	68	56	60	48	44	46	54	60	70	73	70	64	58	62	67	66	66	67	61	60	51	50	51	66	67	57	....	60.4
Charlotte Hall	Maximum	91	90	89	91	88	86	82	74	79	77	76	77	86	78	83	81	81	77	76	84	87	77	72	68	70	75	77	81	78	65	....	79.9
	Minimum	71	68	65	68	70	62	64	49	48	51	54	64	68	71	65	59	56	66	67	65	67	60	53	50	47	48	55	61	60	55	....	60.2
Cheltenham/	Maximum	90	91	90	92	89	86	78	72	75	79	75	76	81	79	83	82	81	72	75	81	85	74	65	67	68	74	77	80	70	60	....	78.2
	Minimum	60	69	61	65	68	59	64	47	46	49	52	55	65	69	64	59	55	58	67	66	68	61	53	50	47	46	52	56	63	55	....	58.3
Chestertown	Maximum	91	92	92	95	92	88	80	76	78	81	78	78	86	76	86	84	82	73	75	81	85	78	67	71	70	75	79	82	71	62	....	80.1
	Minimum	71	71	65	67	71	62	65	52	50	51	55	63	70	71	66	60	60	66	66	66	68	60	53	49	44	49	56	62	62	54	....	60.8
Chewsville	Maximum	84	91	91	93	86	83	74	74	78	80	76	72	71	78	80	81	80	69	75	80	82	72	64	67	67	77	79	73	73	56	....	76.9
	Minimum	64	62	59	65	66	56	60	43	40	45	51	58	64	67	59	52	52	62	65	66	63	54	47	45	47	44	50	62	54	49	..	55.7
Coleman	Maximum	88	91	91	93	90	85	81	74	75	79	74	76	79	76	85	82	80	74	74	78	83	76	69	66	68	75	77	78	71	64	....	78.4
	Minimum	69	69	67	67	70	66	65	58	53	55	58	63	68	70	66	63	63	64	64	65	67	63	54	50	48	50	56	60	60	52	....	61.4
College Park	Maximum	90	91	91	93	90	89	85	75	76	78	74	73	77	77	84	83	81	72	75	81	84	75	73	67	66	76	79	80	72	62	....	79.0
	Minimum	66	71	60	65	69	57	62	46	44	48	53	62	69	71	65	57	54	66	67	68	68	57	52	51	46	43	51	57	60	53	....	58.6
Conowingo Dam/	Maximum	83	92	89	87	88	84	78	73	76	80	77	73	76	77	84	81	81	71	74	74	81	75	64	66	65	76	76	76	69	58	....	76.8
	Minimum	63	66	59	62	65	61	61	48	49	44	51	62	64	69	65	56	60	57	64	64	65	62	55	41	47	44	51	56	64	51	....	57.5
Crisfield	Maximum	86	91	91	92	92	90	86	84	79	80	75	80	87	84	82	83	83	80	79	82	84	83	79	71	70	73	75	78	78	72	....	81.6
	Minimum	75	74	74	76	77	73	78	68	59	58	61	65	73	66	67	68	63	68	68	67	67	70	61	54	50	54	64	66	67	57	....	66.1
Cumberland/	Maximum	80	93	92	95	85	82	70	71	75	80	74	65	71	75	80	80	82	65	71	83	82	73	65	65	72	82	83	69	70	54	....	76.1
	Minimum	54	62	60	63	66	57	59	43	43	46	48	53	56	64	56	53	52	60	63	65	63	58	53	43	48	43	45	50	58	49	....	54.1
Easton	Maximum	90	87	89	90	88	83	82	71	74	78	76	79	86	76	82	80	80	73	80	85	85	82	70	68	68	71	75	82	78	64	....	78.7
	Minimum	73	71	63	67	71	66	64	51	46	49	55	65	70	70	67	63	57	66	65	66	67	62	55	49	44	48	54	60	63	55	....	60.7
Elkton	Maximum	88	93	92	89	89	88	81	81	75	80	83	72	80	76	85	82	82	75	73	78	84	76	72	68	70	75	75	79	71	64	....	79.1
	Minimum	64	69	60	64	60	60	58	51	45	45	51	61	68	69	65	60	58	64	63	63	64	56	51	44	40	42	50	56	62	51	....	57.1
Emmitsburg	Maximum	82	90	91	91	86	82	81	72	75	79	78	73	71	76	80	78	80	78	69	76	78	74	69	64	64	75	77	75	69	64	....	76.6
	Minimum	67	68	70	71	69	62	62	51	51	53	56	59	65	68	63	59	59	62	65	66	67	59	54	45	50	48	54	61	62	49	....	59.8
Fallston	Maximum	84	91	88	92	85	80	77	73	73	78	73	73	74	74	82	80	79	73	72	73	82	75	69	66	61	72	78	80	69	63	....	76.3
	Minimum	66	68	68	65	68	60	62	51	50	51	53	61	68	69	64	62	62	64	64	65	67	59	53	48	45	49	55	62	60	51	....	59.7
Ferry Landing	Maximum	90	92	92	94	92	87	81	72	75	76	73	77	83	77	85	83	80	72	74	80	85	76	68	67	67	75	76	80	71	64	....	78.8
	Minimum	70	69	65	66	70	62	65	51	48	50	56	64	69	72	65	60	57	67	67	66	67	61	53	50	50	48	57	62	62	55	....	60.8
Fort George G. Meade	Maximum	89	92	91	91	88	86	82	72	74	75	75	72	72	75	84	81	80	74	71	80	83	73	70	65	64	74	76	78	71	63	....	77.4
	Minimum	65	68	61	67	69	59	63	45	44	48	55	61	66	68	65	64	57	64	64	66	67	58	52	48	45	42	48	56	62	50	....	58.2
Frederick	Maximum	85	91	91	91	86	85	79	74	78	80	77	72	74	79	82	82	83	70	75	82	82	75	64	68	69	77	79	76	70	65	....	78.0
	Minimum	64	67	61	69	66	56	58	43	41	44	48	57	64	67	64	53	50	60	64	65	65	53	49	43	44	42	49	59	60	48	....	55.8
Friendsville	Maximum	78	83	83	85	75	74	65	66	75	80	70	71	76	69	73	76	78	68	75	79	76	69	58	68	70	75	76	66	65	61	....	72.8
	Minimum	62	61	54	62	60	50	50	40	36	37	44	50	56	59	50	45	45	48	45	54	56	46	43	40	37	37	41	58	52	45	....	48.8
Frostburg	Maximum	79	87	88	86	83	79	71	69	76	79	78	67	74	72	76	77	78	77	68	80	81	76	67	62	69	78	80	79	66	64	....	75.5
	Minimum	60	60	57	60	58	53	52	38	37	40	44	52	59	52	55	47	45	57	58	53	58	49	45	39	41	39	43	55	56	43	....	50.2
Georgetown	Maximum	86	88	90	94	90	90	80	78	77	78	80	76	82	78	84	84	82	80	78	76	85	82	70	68	70	76	76	80	75	67	....	79.8
	Minimum	66	68	60	69	68	64	64	52	47	48	51	62	72	74	68	64	62	65	67	68	70	58	55	50	45	48	56	55	64	56	....	60.5
Germantown	Maximum	86	90	91	91	86	85	78	70	75	78	74	70	78	80	83	85	80	73	76	80	80	75	65	66	64	75	74	76	67	63	....	77.1
	Minimum	65	63	66	68	69	60	63	53	52	47	57	60	68	69	62	57	60	65	66	65	65	55	50	48	50	48	54	60	60	50	....	59.2
Great Falls	Maximum	90	95	94	92	89	89	76	73	80	82	76	70	80	81	85	83	84	73	75	80	85	74	69	68	68	80	79	76	68	62	....	79.2
	Minimum	66	66	61	64	66	58	59	45	45	49	52	62	67	70	60	55	56	66	67	67	67	56	53	51	47	46	51	61	62	52	....	58.2
Huntingtown	Maximum	90	90	89	91	89	85	78	71	73	75	75	77	86	77	83	81	79	72	74	79	85	75	67	67	66	75	76	80	70	64	....	78.0
	Minimum	70	68	63	65	68	60	60	49	45	47	52	63	67	69	64	57	54	65	65	64	65	57	50	48	45	48	55	60	60	53	....	58.5
Keedysville	Maximum	85	93	93	92	88	85	77	78	79	80	75	71	72	80	84	83	81	74	75	81	83	77	68	69	67	78	81	76	72	73	....	78.7
	Minimum	62	62	58	63	65	57	60	45	42	46	50	55	64	65	57	53	52	62	65	67	65	54	51	42	48	45	46	61	63	50	....	55.8
La Plata	Maximum	92	92	92	93	90	88	80	72	73	80	75	75	83	78	85	82	85	78	77	85	87	75	68	72	68	78	79	85	75	62	....	80.3
	Minimum	70	68	64	68	59	57	64	48	45	53	53	63	67	67	63	60	55	66	67	67	67	58	52	50	49	45	54	59	60	55	....	59.1
Laurel	Maximum	88	90	90	91	89	85	76	72	75	76	75	74	77	77	83	80	79	70	74	78	82	74	72	66	65	79	77	77	68	62	....	77.4
	Minimum	65	68	60	67	69	57	60	47	45	50	55	60	67	69	65	63	58	64	65	66	66	58	51	48	46	44	51	58	60	50	....	58.4
Maryland Line	Maximum	83	86	90	90	85	82	76	71	74	79	79	72	76	74	82	80	79	73	75	75	82	76	70	67	65	76	76	81	73	64	....	77.0
	Minimum	62	65	62	62	64	56	58	47	48	56	51	57	64	66	59	56	57	59	60	63	63	54	47	40	43	44	52	58	56	46	....	55.8
Millington	Maximum	91	94	91	89	90	88	80	73	78	79	77	79	81	76	85	82	80	73	75	79	85	78	72	68	68	74	77	83	72	66	....	79.4
	Minimum	70	71	63	65	68	60	64	50	46	47	51	65	71	72	67	60	58	66	66	66	68	60	55	49	42	45	54	62	64	54	....	60.0
Mt. Savage Summit	Maximum	72	80	78	80	71	72	60	62	69	72	65	60	67	66	69	69	72	64	72	72	72	62	54	54	62	68	72	64	58	47	....	66.4
	Minimum	59	56	58	58	54	51	46	39	38	46	48	49	57	54	49	47	52	54	57	58	54	46	40	36	40	39	52	54	44	40	....	49.2
Oakland	Maximum	76	83	84	80	77	77	66	68	70	78	72	70	77	76	74	72	78	65	68	74	78	75	65	58	68	73	78	72	68	58	....	72.6
	Minimum	58	60	49	56	58	49	50	38	33	34	40	50	54	60	50	42	48	52	60	58	53	45	38	42	35	32	36	58	54	43	....	47.8
Ocean City	Maximum	81	89	92	85	90	84	86	72	77	78	73	75	80	75	83	81	76	71	71	78	77	80	70	69	73	78	76	73	65	....	....	77.4
	Minimum	70	70	71	65	73	66	62	58	53	58	66	68	70	67	66	64	65	67	65	65	66	60	59	57	54	53	59	65	63	58	....	63.4
Oxford	Maximum	89	90	90	91	90	85	82	76	75	77	76	78	84	76	84	80	81	76	75	82	86	81	73	69	68	75	78	82	78	65	....	79.7
	Minimum	75	73	70	72	74	71	68	60	59	57	60	67	71	71	69	68	64	68	67	67	69	68	61	53	49	55	62	64	64	57	....	65.1
Picardy	Maximum	82	91	91	90	85	83	72	75	77	80	75	68	71	75	80	79	79	76	77	81	82	73	69	64	69	76	80	70	67	62	....	76.6
	Minimum	69	63	59	65	65	56	59	45	42	45	49	58	63	64	56	53	51	62	64	64	62	52	48	40	48	43	49	59	58	48	....	55.3
Prettyboy Dam	Maximum	81	85	88	91	85	82	78	70	74	79	77	70	74	73	79	76	78	74	72	73	79	78	68	65	61	74	75	78	67	62	....	75.5
	Minimum	66	68	65	68	67	59	61	49	49	49	52	59	66	69	62	58	59	61	63	64	66	56	50	44	44	47	53	60	59	48	....	58.0
Princess Anne	Maximum	93	93	94	95	93	87	84	73	82	80	74	81	87	78	86	85	83	72	73	81	86	80	70	70	71	75	78	83	73	62	....	80.7
	Minimum	72	72	61	68	68	58	64	50	46	46	55	64	70	70	66	60	56	67	67	65	65	64	51	50	42	43	49	59	61	56	....	59.5
Ridgely	Maximum	93	93	93	93	92	88	83	76	78	79	79	79	86	78	86	83	82	72	75	81	85	80	72	68	68	73	78	83	78	64	....	80.6
	Minimum	68	69	64	66	69	58	63	50	46	46	56	64	70	68	67	60	59	66	66	66	68	61	52	49	42	45	56	61	63	55	....	59.8
Rock Hall	Maximum	92	90	91	94	89	86	80	75	73	78	76	80	87	76	84	84	84	72	77	81	85	78	72	68	68	75	79	80	72	60	....	79.5
	Minimum	72	68	65	66	70	66	64	57	49	48	54	62	70	71	66	60	60	65	66	69	64	46	52	43	47	47	59	64	54	53	....	60.5
Salisbury	Maximum	92	94	94	95	94	91	87	81	82	80	78	82	87	84	86	85	84	76	77	81	86	85	77	71	70	74	76	82	79	65	....	82.5
	Minimum	72	72	63	70	74	64	65	53	50	48	58	66	73	66	62	63	57	67	67	66	65	65	56	52	44	45	53	60	62	57	....	61.2
Silver Spring	Maximum	89	91	89	92	90	86	78	74	76	79	74	72	78	76	84	82	81	72	75	80	83	78	66	68	64	77	76	78	70	63	....	78.0
	Minimum	69	70	64	70	71	62	62	51	48	52	56	62	68	70	63	59	59	65	66	68	68	59	54	50	49	48	54	62	62	52	....	60.4
Sines(Deep Creek)	Maximum	74	81	81	83	74	74	64	64	71	76	69	67	77	67	72	72	76	67	72	77	75	66	58	57	68	68	75	62	62	55	....	70.1
	Minimum	58	53	48	54	55	49	40	37	35	37	41	52	54	57	49	44	42	49	59	59	52	45	42	41	37	37	39	51	53	46	....	47.2
Snow Hill	Maximum	92	93	94	95	94	86	85	73	80	78	74	82	86	77	86	86	81	72	74	81	84	80	71	72	71	76	76	84	72	63	....	80.6
	Minimum	72	66	63	68	69	63	60	48	47	47	58	69	71	67	63	62	58	58	65	65	65	56	53	46	43	43	52	61	62	55	....	59.5
Solomons	Maximum	93	91	92	91	92	88	88	79	78	82	76	78	86	79	87	84	82	74	75	79	89	83	68	71	69	76	79	85	78	64	....	81.2
	Minimum	75	73	72	74	75	69	68	61	66	61	64	67	72	72	70	65	63	69	69	69	68	65	59	57	57	56	60	64	63	57	....	66.0
State Sanatorium	Maximum	81	88	89	89	82	80	76	68	70	75	73	70	68	73	76	74	75	68	72	77	79	73	67	65	65	69	74	72	66	62	....	73.9
	Minimum	67	67	69	70	67	60	60	50	52	53	55	62	66	68	58	60	58	60	63	66	62	55	50	43	48	50	58	63	58	45	....	58.2
Takoma	Maximum	89	91	90	92	90	87	80	71	77	79	74	72	77	78	83	82	81	75	74	79	81	75	68	69	64	75	77	78	71	65	....	78.1
	Minimum	70	70	64	69	71	61	63	52	49	53	56	62	68	70	63	59	59	65	66	67	68	58	53	50	49	49	54	63	61	52	....	60.5
Tonoloway	Maximum	82	91	90	91	85	84	71	73	80	82	77	69	64	77	81	80	81	71	73	84	83	74	66	66	69	77	81	70	71	63	....	76.9
	Minimum	63	63	56	62	61	55	49	40	40	42	45	57	62	64	55	53	50	62	64	66	59	50	43	39	44	43	45	54	55	49	....	53.0
Unionville	Maximum	85	92	90	92	87	84	75	72	76	82	79	72	76	80	82	82	83	74	78	82	82	74	64	69	68	77	79	77	70	62	....	78.2
	Minimum	63	68	57	62	66	57	57	44	40	43	49	59	66	68	57	50	57	64	65	67	67	55	47	42	43	41	46	57	61	50	....	55.6
Western Port	Maximum	74	88	88	90	82	81	69	73	76	82	79	67	74	72	79	79	79	68	74	82	78	71	63	62	70	78	80	67	66	63	....	75.1
	Minimum	65	57	62	62	64	56	58	43	41	44	49	55	62	65	55	53	50	60	63	66	59	52	49	47	46	41	46	55	60	49	....	54.5
Westminster	Maximum	86	95	92	95	87	85	79	73	80	81	79	70	76	76	84	80	81	71	76	80	84	86	70	70	66	78	80	76	70	62	....	78.6
	Minimum	66	65	61	65	67	58	59	48	47	44	47	54	66	70	64	56	55	62	64	66	67	57	48	44	46	46	50	60	60	50	....	57.1
Woodstock	Maximum	86	90	89	95	92	85	79	72	75	78	74	72	75	77	83	81	80	73	72	77	84	75	65	67	71	75	78	79	80	59	....	77.9
	Minimum	62	69	59	64	67	59	59	46	44	45	49	53	66	68	63	55	55	66	65	67	66	56	50	47	44	41	47	54	58	51	....	56.5

See page 35 for explanation of reference marks.

(WBO, Richmond, Va., 12-12-44—1,300)