In Cooperation with Maryland State Weather Service

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE SECTION

15

J. R. WEEKS

	PRICE: 5 CENTS A	COPY;	25 CENTS	A YEAR	
Vol. XLI	Baltimore,	MD.,	YEAR	1936	No. 13

GENERAL SUMMARY

Severe cold prevailed from January 23 to February 3, and during February 8-13 and February 18-23. Heavy snowfall, 10 to 15 inches, occurred on January 19 in western Maryland and northern Frederick County. The Upper Chesapeake Bay froze over on January 23; heavy ice developed within a few days and continued to the close of February. The Lower Chesapeake Bay was mostly frozen over or filled with heavy ice by January 31 and until the close of February. Ice conditions on Chesapeake Bay were the worst of record since the winter of 1917-18. Snowstorm of February 7 produced snow 3 to 6 inches over the northern counties, 6 to 13 inches over the central counties, and 13 to 18 inches over the southern counties. The winter of 1935-36 was the coldest since 1917-18, with average total snowfall twice the normal. Unusually heavy rain of March 17-18 over western Maryland, falling upon saturated ground, produced the record flood on the Potomac River, with resulting great loss. Heavy snow, 8 to 12 inches, fell on March 21 in the Allegheny Mountain region. The monthly snowfall in the Allegheny Mountain region in March, 20 to 27 inches, was very heavy. Frosts of April 23-25 killed early strawberries and some tree fruit blossoms in the central and southern portions of the Eastern Shore and some tree fruit blossoms in western Maryland. Killing frosts occurred in western Maryland on May 15 and 29. A severe hot spell occurred during July 9-11; the highest temperatures, recorded on the 10th, equalled or exceeded previous highest temperatures of record in July in the northern and central portions of the section, except Garrett County, and equalled or exceeded previous highest temperatures of record for the summer in the northern and eastern portions of the eastern half of the section. and at a few points in Allegany and Frederick Counties. An exceptionally severe thunderstorm passed over Garrett County on July 27. Severe hailstorms, causing heavy damage to crops, occurred on May 13 from Boyds to Clarksburg in Montgomery County; on June 18 at Picardy; on July 4 in southern Anne (Continued on page 50)

CONDENSED SUMMARY OF CLIMATOLOGICAL DATA 1936

	Tem	eratı	ıre	Pre	cipita	tion	Numb	direction	
Months	Mean	Highest	Lowest	Average	Greatest in 24 bours	Snowfall	With 0.01 inch or more of precipitation	Clear Partly cloudy Cloudy	Prevailing dire
January. Yebruary March April May June June June June June June June June	28. 1 26. 7 47. 2 49. 8 64. 9 70. 9 75. 8 69. 3 57. 7 43. 2 37. 6	62 70 83 90 95 99 109 101 97 85 82 70	-20 -20 15 11 27 34 38 39 29 16 4 -10	6.00 3.82 5.84 2.84 2.11 3.19 4.18 4.30 2.40 3.24 1.01 5.51	3. 11 2. 35 4. 65 2.00 2. 44 3. 13 4. 93 8. 90 5. 85 3. 63 1. 46 2. 40	9.0 15.0 2.7 0.3 0.0 0.0 0.0 0.0 T. 0.6 3.0	13 10 12 11 6 10 10 10 7 8 6 13	9 10 12 9 9 11 8 10 13 9 9 12 21 9 1 13 9 8 13 13 5 14 11 8 8 14 8 8 14 8 9 10 12 8 11 6 14	nw se. nw sw. sw. sw. sw. sw.

KILLING FROSTS 1936

Stations	Last in Spring	First in Autumn	Stations	Last in Spring	First in Autumn
Maryland			Maryland (con.t.)		
Aberdeen	Apr. 9	Oct. 27	Maryland Line	Apr. 25	Oct. 27
Annapolis	Apr. 8	Oct. 27	Millington	Apr. 25	Oct. 27
Baltimore	Apr. 23	Oct. 27	Mt. Savage Summit	May 29	Oct. 25
Bell	Apr. 27	Oct. 27	Oakland	May 29	Oct. 25
Boyds	Apr. 27	Oct. 27	Parkton	Apr. 25	Oct. 27
Cambridge	Apr. 25	Oct. 27	Picardy	May 29	Oct. 27
Charlotte Hall	Apr. 23	Oct. 27	Pleasant Hill	May 29	Oct. 27
Cheltenham	Apr. 23	Oct. 27	Princess Anne	May 15	Oct. 27
Chestertown	Apr. 25	Oct. 27	Ridgely	Apr. 25	Oct. 27
Chewsville	May 29	Oct. 27	Rock Hall	Apr. 25	Oct. 27
Coleman	Apr. 8	Oct. 27	Salisbury	Apr. 25	Oct. 27
College Park	Apr. 25	Oct. 27	Sines	May 29	Oct. 25
Conowingo Dam	Apr. 25	Oct. 27	Snow Hill	Mar. 29	Oct. 27
Crisfield	Apr. 8	Nov. 11	Solomons	Apr. 8	Nov. 19
Cumberland	May 29	Oct. 27	State Sanatorium	Apr. 25	Oet. 27
Darlington	Apr. 25	Oct. 27	Stevensville	Apr. 8	Oct. 28
Dundalk	Apr. 23	Oct. 27	Takoma	Apr. 23	Oct. 27
Easton	Apr. 25	Oct. 27	Towson	Apr. 25	Oct. 27
Edgewood		Oct. 27	Western Port	May 29	Oct. 27
Elkton	Apr. 25	Oct. 27	Westminster	May 29	Oct. 27
Emmitsburg	Apr. 23	Oct. 27	Woodstock	May 29	Oct. 27
Fallston	Apr. 25	Oct. 27	· ·		
Ferry Landing	Apr. 8	Oct. 27	District of Columbia		
Frederick	Apr. 25	Oct. 27			
Friendsville	May 29	Oct. 25	Washington	Apr. 8	Oct. 27
Frostburg	May 29	Oct. 27			
Grantsville	May 29	Oct. 25	Delaware		
Great Falls		Oct. 27			
Hancock	May 29	Oct. 27	Bridgeville	May 29	Oct. 27
Huntingtown	Apr. 8	Oct. 27	Delaware City	Apr. 25	Oct. 27
Keedysville	May 29	Oct. 27	Dover	Apr. 25	Oct. 27
La Plata	Apr. 23	Oct. 27	Milford	Apr. 25	Oct. 27
Laurel	Apr. 25	Oct. 27	Millsboro	Apr. 25	Oct. 27
Lutherville	May 29	Oct. 27	Wilmington	Apr. 25	Oct. 27

COMPARATIVE DATA FOR THE YEAR

1895 5 1896 5 1897 5 1898 5 1899 5 1900 5 1900 5 1902 5 1902 5	Tempera 189 H 199 H 199 H 102 52.6 102 54.8 109 55.5 102 55.8 4 102 55.0 106 653.5 104 653.2 100 653.5 104 653.2 100 105 105 105 105 105 105 105 105 105	18 -18 -13 -12 -20 -26 -15 -15	34.67 36.69 44.55 41.78 40.52	eipita 	No. of days with .01 in. or more	Ten uean 53. 8 55. 0 54. 6	Highest 101	Lowest	98 Average 37. 13 40.99	19.9 13.1	No of days with .01 in.
1895 5 1896 5 1897 5 1898 5 1899 5 1900 5 1901 5 1902 5 1903 5	52. 6 102 54. 0 100 53. 5 102 54. 8 109 53. 4 102 55. 0 106 52. 5 106 53. 5 104 53. 2 100	-18 -13 -12 -20 -26 -15 -15	34.67 36.69 44.55 41.78 40.52	31. 2 25. 2 19. 6	91 90	53. 8 55.0	101 103	-4 0	37. 13 40.99	19.9 13.1	95 96
1896 5 1897 5 1898 5 1899 5 1900 5 1901 5 1902 5 1903 5 1904 5	54. 0 100 53. 5 102 54. 8 109 53. 4 102 55. 0 106 52. 5 106 53. 5 104 53. 2 100	-13 -12 -20 -26 -15 -15	36.69 44.55 41.78 40.52	$25.2 \\ 19.6$	90	55.0	103	0	40.99	13.1	96
1906	58.3 8 104 54.5 101 52.0 99 54.6 101 52.0 99 55.7 98 55.7 98 55.9 102 55.9 102 55.9 102 55.3 1 101 55.1 102 55.9 102 55.7 109 56.5 102 56.7 107 56.5 102 56.7 107 56.4 102 56.5 102 56.5 102 56.5 102 56.7 107 56.8 102 56.8 102 56.8 102 56.9 1	-21 -5-15 -6-30 -15-31 -15-32 -30 -19-31 -15-15 -15-16 -15-16 -16-16 -16-16 -16-16 -16-16 -16-16 -16-16 -11-20 -18-16 -10-20 -18-16 -10-20 -19-20	36.2911738678828789447578788817991948857991948857891948857891948857891948857891948857891948857891948857891948857891948857891948857891948888919488889194888891948888891948888891948888889194888888919488888919488888888	6. 9 40. 4 23. 2 29. 6 38. 2 32. 6 21. 3 20. 5 35. 9 22. 5 35. 9 24. 7 25. 8 20. 9 21. 9 21. 9 21. 6 22. 3 20. 2 23. 2 24. 7 25. 8 26. 8 27. 9 28. 8 29. 9 29. 6 29. 6 29. 6 20. 9 20.	109 98 88 89 99 105 106 106 106 106 106 106 107 10	65.7 4 64.8 6 64.7 6 64.2 6 64.9 8 65.8 4 65.5 6 65.7 4 66.1 9 66.1 9 66	97 99 100 104 104 104 100 99 96 102 99 101 101 107 107 107 107 107 108 109 109 100 109 100 107 107 107 107 108 109 109 109 109 109 109 109 109 109 109	3 0	46.81 44.11 42.19 14.11 42.19 14.11 42.19 14.11 42.19 14.11 42.19 14.11 42.19 14.11 42.19 14.11 42.19 14.11 42.19 14.11 42.19 14.11 42.19 14.11 42.19 14.11 42.19 14.11 42.19 14.11 42.19 14.11 42.19 14.11 42.19 14.11 42.11	40.7 16.0	1111 108 833 811 997 966 1222 1177 1100 999 94 94 910 1100 1100 1100 1100

Climatological Data for the Year 1936

		<u> </u>		lempe	rature	, degrees	Fahre	nheit			Pre	ecipitati	on			1		Sky		
Stations	Counties	Elevation, feet	Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record,	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall	Number of rainy days	Number of clear days	Number of partly cloudy days	Number of cloudy days	Prevailing direction of wind
Maryland Aberdeen	Anne Arundel Prince Georges Montgomery Dorchester Prince Georges. Washingtondo Kent Prince Georges. Harford Somerset Allegany Harford Baltimore Tailott Ceril Frederick Harford Calvert Frederick Garrett Allegany Baltimoredo	122 356 28 720 129 325 1, 950 2, 320 20 300 340 550 420 190 340 840 840 1, 030 660 1, 030 660 1, 460 1, 460	18	54. 0 55. 8 4 56. 6 6 52. 7 57. 8 55. 1 33. 3 56. 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	105 103 107 106 108 109 104 105 109 104 106 109 104 106 109 107 106 107 107 108 105 108 107 108 109 109 109 109 109 109 109 109 109 109	July 10 July 1	$\begin{array}{c} -20 \\ -10 \\ \hline \\ -14 \\ -16 \\ -4 \\ -10 \\ -13 \\ -9 \\ -6 \\ \hline \\ -20 \\ -711 \\ \hline \\ \\ -20 \\ -4 \\ -20 \\ 0 \\ -2 \\ \end{array}$	Jan. 23 Jan. 23 Jan. 23 Feb. 8 Feb. 9 Feb. 12 Feb. 12 Feb. 12 Feb. 12 Jan. 23 Feb. 13 Jan. 23 Feb. 14 Jan. 23 Jan. 23 Feb. 8 Feb. 15 Jan. 23 Jan. 25 Feb. 8 Feb. 12 Feb.	18 63 66 16 17 43 66 38 9 2 17 66 64 5 20 62 8 39 49 2 2 17 67 67 67 67 67 67 67 67 67 67 67 67 67	85.26.60.368 41.2.33 44.09.45.73 44.09.45.73 44.09.45.73 44.09.45.73 44.09.45.73 44.09.45.73 44.09.45.73 44.09.45.73 44.09.45.73 44.09.45.73 44.09.45.73 44.09.45.73 44.09.45.73 44.09.45.73 44.09.45.73 44.09.45.73 45.09.45.73 46.09.45.73 47.09.45.	7.00 6.317 5.906 6.26 5.5,89 7.798 6.41 7.798 6.41 7.798 8.602 8.904 4.515 6.02 8.904 4.516 6.83 8.00 7.764 6.83 8.80 7.764 8.80 8.80 8.80 7.764 8.80 8.80 8.80 8.80 8.80 8.80 8.80 8.8	Jan. Jan. Jan. Jan. Jan. Jan. Jan. Dec. Jan. Mar. Jan. Dec. Jan. Jan. Jan. Jan. Jan. Jan. Jan. Jan	0.70 0.70 0.80 0.79 0.80 0.92 0.82 0.97 0.50 0.81 1.22 0.70 0.81 1.22 0.70 0.81 1.20 0.70 0.81 1.20 0.70 0.81 1.20 0.70 0.81 0.81 0.81 0.81 0.81 0.81 0.81 0.8	Nov. Nov. Nov. Nov. Nov. Nov. Nov. Nov.	15.7 6 22.2.9 21.1 8 16.0 5 31.6 6 18.5 2 20.5 5 424.8 19.0 0 17.2 2 4.7 2 2 5 5 4.0 112.5 2 6 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	135 121 138 102 116 98 1132 110 110 125 101 110 110 115 121 123 120 115 121 116 123 120 120 125 121 117 126 123 127 127 128 129 129 129 129 129 129 129 129 129 129	107 111 130 141 157 171 141 141 156 153 143 156 144 158 151 150 162 162 162 162 162 162 162 162 162 162	118 180 93 113 114 88 114 120 121 115 126 121 126 127 127 127 127 127 127 127 127 127 127	141 125 143 112 95 107 125 88 96 105 101 101 101 101 101 102 105 102 105 102 105 102 105 102 105 102 105 102 105 106 107 107 107 107 107 107 107 107 108 108 108 108 108 108 108 108 108 108	SW. 11W. 5W. 8S. 8. 8. 8W. 8W. 8W. 8W. 8W. 8W. 8W. 8W.
Woodstock District of Columbia Washington (U. S.W. B.) Delaware		72	66	56. 3	105	July 10	. 0	Jan. 23	66	41.11	5. 87	Jan.	0.76	Nov.	23,3	119	121	105	140	nw.
Bridgeville Delaware City Dover Milford Millsboro Wilmington 9595 Wilmington 9595	New Castle	34 20 20 42	46 50 47 44 44 25	55.8 55.0 55.1 55.8 55.8	105 104 104 105 102	July 10 July 11 July 10 July 10 July 10		Feb. 9 Jan. 23 Jan. 23 Feb. 8* Feb. 9 Jan. 23	46 50 47 54 44 43 25	46.29 47.10 50.67 56.46 54.32 45.48 47.95	6. 68 7. 71 7. 95 8. 66 7. 67 7. 10 7. 45	Jan. Jan. Jan. Aug. Sept. Jan. Jan.	0.90 0.88 0.79 0.94 0.62 0.75 0.78	Nov. Nov. Nov. Nov. May Nov. Nov.	16.0 17.0 17.5 14.5 17.0 16.2 16.2	107 113 125 124 106 113 112	166 165 159 148 163 159 159	116 99 118 136 113 104 104	84 102 89 82 90 103 103	sw. nw. nw. sw. sw. sw.
For Maryland and District of Columbia For Delaware For entire section				53.8 55.1 53.9	109 105 109	July 10 July 10 July 10	$\begin{vmatrix} -20 \\ -5 \\ -20 \end{vmatrix}$	Jan. 25* Jan. 23 Jan. 25*		43. 81 50. 32 44. 44	9. 84 8. 66 9. 84	Aug. Aug. Aug.	$\begin{bmatrix} 0.31 \\ 0.62 \\ 0.31 \end{bmatrix}$	May May May May	32. 2 16. 0 30. 6	116 114 116	143 161 145	115 114 114	108 91 107	sw. sw.

*Also on other dates, †Also in December. ††Also in November. \$\text{Post Office addresses of these stations are as follows: Of Bell, Glenndale; of Co eman, Worton: of Fallston, Bagley; of Ferry Landing, Owings; of Great Falls. Bethesda: of Mt. Savage Summit. Frostburg; of Picardy, Paw Paw, W. Va.; of Pleasant Hill, Owings Mills; of Sines, Oakland. †Northwest of Frostburg. \$\text{\$\tex

ERRATA

March, 1936.—Page 10: Sines, precipitation departure, published +2.55, should be +2.58. Millsboro, precipitation departure, published +1.47, should be +1.49. May, 1936.—Page 18: Great Falls, precipitation departure, published +0.56, should be +0.57. Hancock (Tonoloway), precipitation departure, published -2.55, should be -2.30. October, 1936.—Page 38: Frostburg, precipitation departure, published +1.29, should be +2.29. December, 1936.—Page 46: Coleman, mean temperature, published 39.8, should be 38.8.

Damaging thundergusts occurred locally on July 10, 27, 29, and August 21, 29. Summer rains were mostly of the thunderstorm type. A tropical hurricane, moving northeastward along the Middle Atlantic Coast on September 18, caused severe northeast gales and heavy rain on the Eastern Shore and over the Lower Chesapeake Bay and very high tide along the Maryland and Delaware Coasts and in the Lower Chesapeake Bay; the loss in June and July were normal; May, September, October, and property and crops on the Eastern Shore was between \$400,000 and \$500,000. The cold weather of October 27-28 produced the

(Continued from front page)

Arundel County; on July 12 in the Zekiah Swamp district of Charles County; and on August 25 at Clear Spring and Fairview.

Water was low in wells during the third decade of November. Average precipitation for the section in December was the greatest for such a month since 1902. Heavy snow, 5 to 10.5 inches, fell in Garrett, Allegany, and western Washington Counties on December 19-20.

This was the third successive year slightly colder than normal. January, February, and November were cold; April was cool; December were mild; and March and August were warm. (Continued on next page)

Monthly and Annual Precipitation for the Year 1936 with Departures from the Normal

	Jan	nuary	Feb	ruary	Ma	ırch	A	pril	М	ay	Jı	une	Jı	ıly	Au	gust	Sept	ember	Oct	ober	Nov	ember	Dece	mber	Anı	nual
Stations	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Maryland Aberdeen. Annapolis Baltimore (U.S.W.B.) Bell. Boyds. Cambridge (near). Cecilton. Charlotte Hall Cheltenham Chestertown	7.00 6.31 5.94 5.90 4.18 6.26	+3. 89 +2. 76 +2. 44 +2. 35 +1. 24 +2. 68	3.08 4.02 3.75 3.89 3.25 5.22	+0.07 +0.79 +0.26 +0.93 +0.59 +2.03	3. 84 4. 45 6. 42 4. 35 4. 21 4. 74	+0.34 +0.66 +2.71 -0.04 +1.09 +0.73	2.56 2.10 2.56 2.02 1.72 3.11	$ \begin{bmatrix} -0.79 \\ -1.60 \\ -0.78 \\ -1.90 \\ -1.32 \\ -0.55 \end{bmatrix} $	2. 59 2. 45 3. 18 4. 14 2. 1. 81 1. 40	$ \begin{array}{r rrrr} -0.36 \\ -1.09 \\ -0.36 \\ +0.68 \\ -1.18 \\ -1.94 \end{array} $	1. 42 2. 34 1. 48 1. 57 3. 61 4. 39	$ \begin{array}{r} -2.05 \\ -1.98 \\ -2.40 \\ -2.57 \\ -0.45 \\ +0.51 \end{array} $	2.71 5.55 4.89 4.34 2.79 2.88	-1.43 $+1.02$ $+0.25$ -0.01 -0.71 -1.36	2. 53 3. 94 4.60 4.47 6. 06 3.24	$ \begin{array}{r} -2.42 \\ -1.02 \\ +0.23 \\ -0.37 \\ +2.07 \\ -1.90 \end{array} $	1. 64 2. 79 2. 16 1. 29 •1. 43 2. 73	$ \begin{array}{r} -1.82 \\ -0.67 \\ -1.21 \\ -1.87 \\ -1.19 \\ -0.30 \end{array} $	2. 02 2. 04 1. 73 2. 46 4. 22 2. 12	-0.66 -1.10 -1.16 -0.54 +1.45 -1.19	0. 70 0. 75 0. 79 0. 80 0. 92 *0. 82	-1.73 -1.82 -1.77 -1.80 -1.09 -1.79	5. 13 5. 91 7. 10 5. 12 5. 48 *5. 20	+2.02 +2.37 +3.73 +1.74 +2.63 +1.82	35, 22 42, 65 44, 60 40, 35 39, 68 42, 11	-4. 94 -1. 68 +1. 94 -3. 40 +3. 13 -1. 26
Cecition Charlotte Hall Cheltenham Chestertown Cliewsville Clear Spring Colenan College Park	5. 95 3. 89 4. 89 6. 73 5. 67	+3. 57 +2. 42 +1. 05 +1. 82 +3. 38 +2. 44	3, 55 3, 93 2, 79 3, 55 4, 18 3, 78	+0.40 +1.00 +0.45 +0.80 +1.15 +0.97	5. 70 4. 26 5. 27 7. 09 4. 59 4. 87	+1.98 +0.51 +2.29 +3.65 +1.08 +1.37	2.13 2.87 2.46 2.74 2.04 2.27	-1. 59 -0. 97 -0. 47 -0. 72 -1. 40 -1. 15	3.25 1.35 1.53 4.71	-1. 44 -0. 14 -2. 05 -1. 81 +1. 18	2,22 2,95 1,12 1,99	-1.91 -2.15 -1.08 -2.58 -2.03	5, 60 4, 05 3, 47 3, 36 4, 03	+1.29 -0.79 -0.45 -1.21 +0.11	3. 19 4. 51 3. 93 5. 89 3. 61 5. 03	-1.39 -0.18 -1.05 $+2.26$ -1.22 $+0.62$	2.50 0.98 3.47 1.36	$ \begin{array}{c} -0.91 \\ -2.26 \\ +0.35 \\ -1.72 \\ -1.63 \\ -1.85 \end{array} $	1. 54 3. 20 2. 88 2. 98 2. 64 3. 01	-1.36 +0.33 +0.07 +0.10 -0.24 +0.31	0. 92 0. 98 0. 76 0. 82 0. 97 0. 59	-1. 37 -1. 54 -1. 90 -1. 23 -1. 57 -1. 81	5. 46 4. 97 4. 65 5. 10 4. 96 5. 77	+2. 57 +1. 69 +1. 23 +2. 48 +1. 41 +2. 57	42. 72 38. 33 37. 46 43. 08	0.00 +1.63 -4.64 +2.73
Chestertown Chewsville Clear Spring Coleman College Park Conowingo Dam Cristield Cumberland Dariington Dundalk Easton Edgewood	6, 66 *7, 98 4, 17 7, 60 5, 90 6, 96	+4.77 +1.49 +4.10 +3.87	3. 04 *5. 70 3. 44 3. 53 4. 46	+2.33 +1.10 +0.35 +1.55	5. 28 *5. 00 7. 77 5. 51 5. 89 5. 59	+1.66 +4.75 +2.06 +1.93	2, 69 *3, 56 3, 00 2, 98 2, 24 3, 50	-0.02 -0.09 -0.38 +0.14	2.31 0.48 1.75 2.18 2.98 1.72	-2.65 -1.58 -1.07 -1.35	2. 16 3. 58 2. 40 2. 83 2. 19 4. 83	$ \begin{array}{c} $	5.24 5.65 2.96 5.88 5.04 3.97	+1.50 -0.12 +1.40 -0.25	3. 97 2. 89 1. 44 3. 74 5. 49 4. 90	-1.99 -2.36 -1.44 +0.19	0. 99 5. 21 1. 28 2. 22 1. 71 3. 11	+2.60 -1.35 -1.30 -0.04	3.58 4.04 3.94 3.64 1.65 4.72 0.94	+1.03 +1.40 +0.40 +1.44	1. 16 0. 75 1. 46 1. 22 0. 78 1. 09 0. 52	-1.59 -0.49 -1.44	7. 16 6. 01 4. 12 7. 17 7. 02 4. 96 6. 20	+2. 46 +1. 41 +3. 46 +1. 80	44. 24 50. 85 37. 73 48. 41 44. 42 49. 81	+9.91 +2.44 +4.99 +8.62
Dundalk Easton Edgewood Elkton Emmitsburg Fallston Ferry Landing Froderick Friendsville Frostburg Grantsville Great Falls Haucock (Tonoloway) Hantengtown	4. 65 5. 68 6. 62 5. 21 5. 91 4. 39 7. 11 5. 45	+1, 24 +2, 11 +3, 30 +1, 98 +2, 33 +0, 98 +3, 52 +2, 35	3. 10 2. 82 3. 76 3. 25 3. 50 2. 83 4. 20	+0.05 -0.29 +0.97 +0.33 +0.65 +0.05 +0.38	6.80 4.18 3.64 5.69 7.43 9.04 9.39 5.08	+2.31 $+2.82$ $+0.60$ $+0.20$ $+2.21$ $+3.32$ $+5.34$ $+5.41$ $+1.87$	3. 93 2. 56 2. 84 2. 79 3. 62 3. 16 4. 58 1. 69	-0.59 +0.41 -1.12 -0.88 -0.60 +0.13 -0.62 +0.81 -1.53	1.80 2.45 3.32 1.01 1.52 1.09 *1.70 3.78	-1.14 -2.12 -0.84 -0.01 -2.43 -2.23 -2.74 -2.35 +0.57	3. 60 1. 70 2. 34 4. 74 2. 55 6. 80 3. 40 3. 46	$ \begin{array}{r} -1.01 \\ -2.40 \\ -1.91 \\ +0.44 \\ -2.16 \\ +1.98 \\ -1.05 \\ -0.44 \end{array} $	4. 04 3. 50 4. 24 4. 28 8. 58 3. 86 4. 99 4. 67	$ \begin{array}{r} -0.02 \\ -0.07 \\ -0.66 \\ -0.71 \\ +0.25 \\ +4.24 \\ +0.05 \\ +0.73 \end{array} $	5. 62 3. 51 4. 28 5. 26 3. 79 2. 13 5. 79 6. 37	+1.18 -1.67 -0.72 $+0.91$ -0.19 -1.87 $+1.52$ $+2.25$	1.56 1.22 1.90 1.64 2.00 1.68 2.23 0.92	$ \begin{array}{r} -1.92 \\ -2.48 \\ -1.44 \\ -1.41 \\ -0.79 \\ -1.32 \\ -0.58 \\ -2.36 \end{array} $	6.02 - 2.98 - 2.33 - 5.23 - 4.38 - 5.45 - 4.11 - 3.60 -	$ \begin{array}{r} -0.21 \\ +2.50 \\ -0.44 \\ -0.66 \\ +2.20 \\ +1.42 \\ +2.29 \\ +1.17 \\ +0.73 \\ \end{array} $	1. 38 0. 82 0. 70 0. 88 2. 70 1. 58 *2. 60 0. 87	$ \begin{array}{r} -1.89 \\ -1.31 \\ -1.93 \\ -1.69 \\ -1.47 \\ +0.19 \\ -0.80 \\ -0.10 \\ -1.24 \end{array} $	5. 85 7. 18 5. 55 6. 02 4. 08 4. 24 4. 55 5. 39	+2. 54 +3. 58 +2. 45 +2. 77 +0. 43 +1. 35 +1. 02 +2. 25	48. 35 38, 60 41. 54 46. 00 50. 06 46. 25 53. 95	+4.31 -5.49 -1.10 +5.18 +7.34 +4.69 +10.71 +6.82
Haucock (Tonoloway) Hancock (City) Huntingtown Keedysville La Plata Laurel Lutherville Maryland Line Millington Mit Savage Summit Oakland Parkton (Prettyloy Dam) Perryville	4. 79 4. 72 4. 50 6. 95 5. 30 6. 48 6. 11	+2. 24 +2. 17 +1. 58 +3. 73 +1. 95 +2. 97 +2. 26	3.35 3.32 2.54 3.89 *3.60 3.73 3.01	+1.07 +1.04 -0.02 +1.27 +0.86 +0.83 -0.39	8.59 7.96 4.51 5.14 *5.00 6.55 6.57	+5.49 +4.86 +1.48 +1.78 +1.33 +2.41 +2.84	3.09 3.09 2.60 3.02 1.97 2.80 2.92	-0.43 -0.34 -0.57 -0.59 -1.64 -0.43	0. 88 0. 94 1, 55 3. 02 3. 96 1. 85 2. 29	-2.30 -2.24 -1.88 -0.36 +0.52 -1.61 -1.06	5. 53 4. 11 3. 66 4. 47 1. 69 3. 43 2. 22	+0.71 -0.71 -0.35 $+0.43$ -2.45 -0.80 -1.92	5. 30 4. 78 3. 68 3. 64 3. 65 4. 78 2. 73 3. 74	+2.00 +1.48 -0.18 -0.92 +0.60 -0.60 -1.24	1.69 2.40 3.26 2.80 5.41 3.82 5.42 2.86	-2.05 -1.34 -1.24 +1.01 -1.07 -0.16 -2.34	2.04 0.94 2.47 2.09 2.54 1.62 1.55	-0.79 -1.89 -0.85 -0.58 -1.63 -2.20 -1.90	4. 25 - 5. 82 - 1. 14 - 4. 14 - 2. 60 - 2. 73 - 5. 00 - 3. 57 -	+1.09 +2.66 +1.01 -0.35 -0.20 -0.39 +0.55	1. 11 1. 01 0. 87 0. 77 1. 22 0. 70 0. 85 0. 94	-0. 85 -0. 95 -1. 47 -1. 07 -1. 76 -1. 88 -1. 84	4. 33 4. 47 5. 22 4. 51 5. 81 5. 28 8. 10 6. 67	+1. 62 +1. 76 +1. 79 +2. 82 +1. 87 +5. 04 +3. 07	14. 86 43. 56 37. 31 47. 72 40. 45 46. 49 42. 44	+7.80 +6.50 -0.70 +7.17 -1.62 +1.99 -2.40
Mt. Savage Summit Oakland Parkton (Prettyboy Dam). Perryville Picardy Pleasant Hill Princess Anne	5. 17 5. 05 5. 75 4. 58 6. 37 6. 85	+4.30 +1.26 +2.41 +2.93 +3.64	3. 24 3. 53 2. 68 3. 58 3. 10 5. 62	+0.25 +0.25 +1.52 +0.20 +2.35	7. 97 7. 64 7. 02 8. 56 5. 80 5. 27 4. 73	+5.20 +2.18 +1.43	2. 28 3. 03 3. 76 3. 41 2. 91 2. 39 3. 38	-0. 16 -0. 16 -0. 85 -1. 45 -0. 13	1.44 0.96 2.00 3.28 1.07 2.23 0.31	-1.79 -2.37 -2.26 -1.09 -2.88	4. 19 2. 95 2. 96 4. 36 1. 84 5. 84	-1, 90 -1, 83 -1, 83 -2, 06 +1, 83 -0, 86	3. 20 5. 07 3. 80 2. 61 3. 04 4. 19	+0.38 +0.41 +0.03 -0.42 +0.04	4. 01 2. 44 3. 41 4. 02 2. 55 2. 84 3. 53	-1.84 -0.93 -1.80 -1.77	1. 35 2. 56 1. 27 1. 61 1. 78 1. 55 4. 46	-0.51 -0.94 -2.31 +1.56	4. 97 . 4. 40 - 3. 55 . 3. 45 . 4. 60 - 3. 09 - 2. 68 -	+1. 10 +1. 51 -0. 24 -0. 42	1, 80 2, 26 0, 93 0, 79 1, 23 0, 75 0, 72	-1.66 -0.56 -0.73 -2.06 -1.64	4. 18 3. 68 7. 36 5. 83 4. 49 6. 90 6. 02	+2.01 -0.24 +2.10 +4.00 +2.67	12, 28 14, 07 15, 34 15, 42 12, 32 39, 90 18, 87	-0.84 -0.85 -1.79 -2.12 +6.68 +4.57
Perry ville Picardy Picardy Piea-ant Hill Princess Anne Ridgely Rock Hall Salisbury Sines (Deep Creek) Snow Hill Solomons State Sanntorium Stevensville Takonna Towson Western Port Westminister Woodstock	6, 83 7, 12 4, 66 7, 40 6, 50 5, 09 7, 05 5, 73	$\begin{array}{r} +4.71 \\ +3.47 \\ +3.80 \\ +0.96 \\ +4.20 \\ +3.48 \\ +1.68 \\ +3.38 \\ +2.25 \\ +2.56 \end{array}$	5. 22 5. 31 3. 45 5. 40 4. 32 3. 20 4. 80 4. 10	+1.36 $+2.36$ $+2.08$ $+0.20$ $+2.12$ $+1.73$ $+0.34$ $+1.44$ $+1.23$ $+0.85$	5. 36 4. 80 7. 05 5. 30 8. 26 7. 23 5. 04 4. 09 7. 12	+1.24 $+1.74$ $+0.92$ $+2.53$ $+1.82$ -0.06 $+3.73$ $+0.79$ $+0.56$ $+3.66$	2.29 2.71 3.96 3.30 2.85 2.70 3.80 1.97 2.64	-0.18 -1.25 -0.53 -0.12 $+0.18$ -0.13 -0.82 -0.54 -1.44 -0.88	2.23 2.32 0.31 1.48 0.60 1.17 1.25 3.01 4.95 2.44	$ \begin{array}{r} -1.09 \\ -0.92 \\ -2.81 \\ -2.54 \\ -2.07 \\ -1.69 \\ -2.91 \\ -0.73 \\ +1.75 \\ -0.75 \end{array} $	1. 57 5. 63 3. 08 4. 40 3. 85 3. 41 1. 99 2. 06 1. 83	-2.08 $+1.91$ -1.18 $+1.19$ $+0.73$ -1.41 -1.49 -1.77 -2.04	4. 39 2. 66 7. 77 3. 10 3. 82 4. 75 2. 97 3. 48 3. 48	$ \begin{array}{r} -0.76 \\ -0.01 \\ -1.30 \\ +3.41 \\ -0.50 \\ -0.31 \\ +0.73 \\ -1.06 \\ -0.55 \\ -0.90 $	4. 92 - 9. 84 - 3. 35 - 5. 00 - 1. 52 - 5. 14 - 4. 02 - 3. 37 - 2. 51 -	+0.99 +4.61 -0.85 +0.24 -2.69 +0.78 -1.21 -0.86 -2.33	1.66 5.76 1.73 6.70 4.33 1.37 1.75 1.67	$ \begin{array}{r} 70.06 \\ -1.66 \\ +2.33 \\ -1.30 \\ +3.90 \\ +1.69 \\ -2.23 \\ -0.77 \\ -1.44 \\ -1.34 \\ \end{array} $	2. 24 2. 37 2. 77 3. 80 3. 90 0. 81 5. 62 2. 19 2. 45 2. 56	$ \begin{array}{r} -0.74 \\ -0.57 \\ -0.43 \\ +0.12 \\ +0.86 \\ -1.58 \\ +2.10 \\ -0.79 \\ -0.18 \\ -0.56 \end{array} $	0. 83 0. 71 0. 87 2. 60 0. 90 1. 04 0. 75 1. 04 0. 79 0. 89	-1.77 -1.99 -1.74 -0.38 -1.54 -0.80 -1.84 -1.60 -1.47 -1.80	4. 75 4. 97 5. 48 4. 26 6. 10 4. 73 6. 05 *5. 33 5. 54 7. 87	+1.47 $+1.65$ $+2.06$ $+0.73$ $+2.35$ $+2.01$ $+2.89$ $+2.26$ $+2.12$ $+4.57$	12, 61 153, 26 17, 19 152, 10 158, 00 16, 56 12, 99 10, 20 12, 85	+0.83 +10.90 +1.58 +12.75 +2.38 +3.04 -0.32 +0.20 +1.04
District of Columbia Washington (U.S.W.B.)			:	.		1							l		i			-1. 24 -2. 75 -1. 81	1		- 1	.	5. 23	+1. 91		
Delaware Bridgeville Delaware Breakwater Delaware City Dover Milford Millsboro Wilmington Wilm'n(Porter Reservoir).	6. 68 *7. 71 7. 95 7. 05 7. 17 7. 10 7. 45	+3. 25 +4. 79 +4. 63 +3. 33 +3. 64 +3. 62 +3. 97	4. 39 4. 05 5. 02 4. 90 5. 85 3. 66 2. 72	+1.24 +1.21 +1.96 +1.61 +2.54 +0.55 -0.39	4.45 6.27 5.88 5.40 5.55 6.15 5.97	+0.73 +3.10 +1.96 +1.17 +1.49 +2.64 +2.46	2.65 2.90 3.24 3.75 2.55 2.94 2.98	-0.65 -0.24 -0.28 +0.13 -1.07 -0.48 -0.44	1.33 2.13 1.45 1.61 0.62 2.31 2.90	-2.07 -0.81 -2.00 -1.84 -2.61 -0.93 -0.34	3. 27 5. 35 4. 59 3. 55 4. 03 3. 60 3. 39	-0.61 +1.80 +0.95 -0.47 +0.25 -0.33 -0.54	3. 56 - 4. 11 - 5. 59 - 4. 29 - 3. 42 - 3. 45 - 2. 71 -	-1.37 +0.05 +1.12 -0.25 -1.11 -1.59 -2.33	6.08 - 4.36 - 4.76 - 8.66 - 6.78 - 4.70 - 7.01 -	+1.44 +0.10 +0.10 +3.74 +1.41 -0.19 +2.12	4.93 2.01 4.30 6.85 7.67 2.48 3.47	+1, 93 -1, 25 +0, 84 +4, 04 +4, 78 -1, 06 -0, 07	3. 40 + 2. 74 + 2. 78 + 4. 31 + 3. 50 + 3. 14 + 3. 11 -	0.00 -0.18 +1.04 +0.34 -0.03 -0.06	0. 90 0. 79 0. 88 0. 79 0. 94 1. 42 0. 75 0. 78	-1.54 -1.51 -1.82 -1.81 -1.23 -2.14 -2.11	4 05	+1.30 + +1.52 + +0.78 5 +1.18 5 +1.90 5 +1.52 4	16. 29 17. 10 50. 67 56. 46 54. 32 55. 48 17. 95	+3.94 +8.76 +8.06 +11.87 +10.33 +1.58 +4.05
For Maryland and District of Columbia		[- 1		Į		- [Į	l	- 1	l l		ŧ	1			Į.		Į	-	ŀ		- 1		l	

* Determined from surrounding stations.

(Continued from page 50)

This was the fifth successive wet year for the section as a whole. The area of greatest excess was the eastern half of the Eastern Shore. Annual precipitation was 40 to 50 inches, except below 40 inches in extreme southern Calvert, northwestern Kent(Md.), southern Harford, southwest Baltimore, Howard, northern Montgomery, eastern Washington, and central Allegany Counties and above 50 inches over the eastern third of the southern Eastern Shore and in central Carroll and northern Garrett Counties. The greatest annual amount was 56.46 inches at Milford; the least, 35.22 inches at Aberdeen. January, March, and Decem-

ber were wet. January was the wettest such month of record on the Eastern Shore. Precipitation was above normal in February and October; was normal in July; was below normal in April and June, also in August, except well above normal in Delaware; May, September, and November were dry.

Annual snowfall averaged one and one-sixth times the normal. Annual amounts were 14 to 24 inches on the Eastern Shore and 16 to 35 inches in the central division, except 35 to 55 inches in extreme northern Frederick County; in western Maryland they increased from 27 inches in southeastern Wash-(Continued on page 52)

		Mon	thly	and.	Annı	ıal M	lean	Tem	perat	ures	for t	he Y	ear	1936	with Departures			res fr	om	he N	Normal					
ļ	Janı	uary	Febr	uary	Ma	rch	Ar	oril	М	ау	Ju	ne	Ju	ıly	Au	gust	Septe	mber	Oct	ober	November		December		An	nual
Stadons	Teniperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	'femperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Maryland Aberdeen. Annapolis Baltimore (U.S. W. B.) Bell. Boyds Cambridge. (near). Ceciton Cheltenham Cheltenham College Park Colowingo Dam Crisfield Cumberiand Darlington Dundaik Laston Edgewood Elkton Emmitsburg Fallston Ferry Landing Frederick Friendsville Great Falls Great Falls Great Falls Hancock (Tonoloway) Huntingtown Keedysville La Plata Laurel Lutherville Maryland Line Millington Oakland Parkton (PrettyboyDam) Picardy Princess Anne Ridgely Sines (Deep Creek) Snow Hill Solomons State Sanatorium Stavensule Western Port Westerningter Woodstock	29, 2 28, 0 32, 6 4 28, 8 24, 4 4 28, 6 26, 2 4 30, 8 27, 4 4 30, 8 27, 4 4 30, 8 27, 4 4 30, 8 27, 4 4 30, 8 26, 6 6 26, 6 6 26, 6 6 26, 6 26, 6 26, 6 26, 6 26, 6 26, 6 26, 6 26, 6 26, 6 6 26, 6 6 26, 6 6 26, 6 6 26, 6 6 26, 6 6 26, 6 6 26, 6 6 26, 6 6 26, 6 6 26, 6 26	-5.8 -3.6 -6.8 -6.8 -6.9 -5.8 -5.9 -5.9 -6.8 -5.9 -6.8 -5.9 -6.8 -6.8 -6.8 -6.8 -6.8 -6.8 -6.8 -6.8	7, 29, 7, 29, 22, 22, 26, 26, 26, 26, 26, 26, 26, 26	-9.C	48. 9 46. 9 46. 9 46. 9 46. 9 46. 9 46. 9 46. 9 46. 9 46. 9 46. 2 46. 4 46. 2	$\begin{array}{c} +6.50 \\ 0.05 \\ 0$	51. 8 49. 4 4 50. 6 8 49. 4 4 50. 6 8 49. 4 6 4 8 6 1 4 6 50. 6 6 7 7 6 50. 6 6 7 7 6 50. 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	-1.6 -2.8 -3.9 -3.9 -3.9 -3.9 -3.9 -3.9 -3.9 -3.9	64.6 66.6 66.6 66.6 66.6 66.6 66.6 66.6	$\begin{array}{c} +2.4 \\ +2.6 \\ +0.8 \\ +1.13 \\ +1.3 \\ +1.3 \\ +1.4 \\ +1.3 \\ +1.5 \\ +$	72. 8 72. 8 71. 0 68. 4. 7 72. 8 72. 8 72. 8 73. 4 72. 4 73. 4 74. 8 76. 1 76. 1 76. 1 77. 2 77. 2	$\begin{array}{c} -0.1 \\ -0.3 \\ -1.0 \\ \end{array}$	76.70.0.6.77.75.8.8.77.75.8.8.77.75.8.8.77.75.8.8.77.75.8.8.77.75.8.8.77.75.8.8.77.75.8.8.77.75.8.8.77.75.8.8.77.75.8.8.77.75.8.8.77.75.8.8.77.75.8.8.77.76.8.77.77.8.8.77.76.8.77.77.8.8.77.77.8.8.77.77.8.8.77.77.8.8.77.77	+1.4.9 +0.9 -0.9 -0.9 -0.2 -0.3 +0.8 +1.7 +0.7 +0.7 +0.1 +0.4 +0.7 +0.4 +0.7 +0.5 +0.8	78. 4	+3.1 +4.4 +4.4 +2.4 +2.4 +2.4 +1.4 +2.5 +1.4 +2.5 +1.4 +2.7 +1.4 +2.7 +2.8 +3.7 +2.8 +3.7 +2.8 +3.7 +1.4 +2.7 +3.0 +2.4 +2.7 +1.7 +1.7 +3.0 +2.4 +2.7 +1.7 +1.7 +1.7 +1.7 +1.7 +1.7 +1.7 +1	69. 5 6 6	$\begin{array}{c} +0.3 \\ +0.8 \\ +0.8 \\ +0.5 \\ +0$	60.0 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	+2.1 +1.8 +3.1 +1.9 +1.5 -0.5 +1.5 -0.2 +2.6 +1.5 +1.5 +1.5 +1.5 +1.5 +2.8 +1.5 +2.8 +1.5 +2.8 +1.5 +2.8 +1.1 +1.8 +2.8 +2.8 +1.9 +2.8 +2.8 +2.8 +2.8 +2.8 +2.8 +2.8 +2.8	43.4 6.3 42.8 6.3 42.8 6.3 42.8 6.4 44.0 6.8 7.4 44.0 6.8 7.4 44.0 6.8 7.4 45.2 41.6 45.2 41.6 45.4 45.2 41.6 45.4 46.8 7.4 46	-1.2	41. 3 . 38. 4 . 6 . 8 . 4 . 6 . 6 . 6 . 6 . 6 . 6 . 6 . 6 . 6	$\begin{array}{c} +2.1\\ +2.6\\ +3.1\\ -1.0\\$	56.4 4.2 2 5.6 6.5 5.7 5.7 5.7 5.8 5.2 5.5 5.1 5.2 5.5 5.2 5.5 5.2 5.5 5.5 5.5 5.5 5.5	$\begin{array}{c} -0.2\\ +0.0\\ -0.9\\ -0.1\\ -0.3\\$
District of Columbia Washington (U.S.W.B.) Delaware	30.6	-2.8	29.6	5.8	50.3	+7.7	52, 2	-1.1	67. 4	+3.7	72.8	+0.6	78. 4	+1.7	77.9	+2.9	71. 4	+3.3	59. 7	+2.3	45. 0	-0.2	39. 8	+3.2	56.3	+1.3
Bridgeville Delaware City Dover Milford Millsboro Wilmington	31.7 *29.0 30.4 31.4 32.2 28.2	-3.9 -4.2 -5.1 -4.9 -3.8 -5.0	29.1 2 26.4 1 27.1 28.4 29.6 25.0	-6.2 -7.5 -8.3 -7.2 -5.9 -7.6	50.0 48.2 48.4 49.8 50.0 46.8	+5.6	51.4 50.6 51.3 52.2 51.9 49.6	-1.8 -1.5 -0.9	66 13	+1.7 +3.1 +2.3 +2.1 +2.2 +1.9	72. 2 71. 8	$ \begin{array}{r} -0.1 \\ +0.2 \\ -0.6 \\ -0.5 \\ 0.0 \\ -0.7 \end{array} $	*76. 5 76. 6 76. 6 76. 0	$ \begin{array}{r} -0.8 \\ -0.1 \\ -0.1 \\ -0.2 \\ -0.3 \\ -0.4 \end{array} $		+2.0 +2.5 +2.3 +1.8 +2.1 +1.8	*69. 7	+0.6 +1.0 +0.7 +0.7 +0.6 +0.5	59. 0 59. 6	+1.8	45.6 44.6 45.6	1.4	39. 2 40. 2 41. 5 *41. 5	+3.3 +3.1 +3.3 +3.4 +3.6 +3.2	55. 0 55. 1 55. 8 55. 8	$ \begin{array}{r} 0.00 \\ +0.4 \\ -0.1 \\ -0.2 \\ +0.3 \\ -0.6 \end{array} $
For Maryland and District of Columbia For Delaware For entire section	27.8 30.8 28.1	-6.2 -3.6 -5.9	26.6 27.6 26.7	-7.3 -6.3 -7.2	47.0 48.9 47.2	+4.8 +6.1 +5.0	49.6 51.2 49.8	-2. 4 -1. 4 -2. 3	64. 9 65. 5 64. 9	+2.5 +2.4 +2.5	70. 8 71. 5 70. 9	+0.1 0.0 +0.1	75. 8 76. 1 75. 8	+0.7 -0.1 +0.6	75.8 76.4 75.8	+2.8 +2.1 +2.7	69.3 69.5 69.8	+1.4 +1.0 +1.4	57. 6 58. 8 57. 7	$^{+1.6}_{+1.6}$	43, 0 44, 8 43, 2	-2.1 -1.1 -2.0	37. 4 40. 0 37. 6	+1.7 +3.7 +1.9	53, 8 55, 1 53, 9	-0.2 +0.4 -0.1

*Determined from surrounding stations.

(WBO, Richmond, Va., 4-19-37-1,400)

(Continued from page 51)

ington County to 50 inches at the foothills and to 88 to 114 inches in the highlands of the Allegheny Mountain region. Snowfall averaged one and one-fourth times the normal in January; twice the normal in February; three-fifths of normal in March and November; one-fourth of normal in April; and two-thirds of normal in December.

Annual sunshine was above normal. May was the sunniest month; the amount of sunshine was the greatest of record for

that month. Sunshine was above normal in January, July, August, and December; was normal in June, October, and November; and was deficient in February, March, April, and September.

Barley, corn, tomato, tobacco, sweet potato, late potato, cowpea, and soy bean crops were good; wheat and rye yielded fair to good; oats and early potatoes yielded poor to good; strawberry and pea crops were short and poor; tree fruit and hay (except alfalfa) yields were light. -J. B., \dot{r} .