In Cooperation with Maryland State Weather Service

CLIMATOLOGICAL DATA

15 MARYLAND AND DELAWARE SECTION J. R. WEEKS PRICE: 5 CENTS A COPY; 50 CENTS A YEAR Vol. XL BALTIMORE, MD., YEAR 1935 No. 13 GENERAL SUMMARY

Severe cold prevailed from January 23 to February 2, and on February 6-7 and 27-28. Northwest gale of January 14 caused some damage locally. More than one thousand poles on the Eastern Shore and several hundred poles in southern Maryland were felled under the weight of heavy glaze (ice-coat) upon wires on January 22-23. Snowfall was heavy in western Maryland on January 22-23 and in north-central and southern Maryland and on the northern Eastern Shore on January 23. Strong winds of January 23-24 caused snow drifts several feet high. Heavy ice in rivers and the upper Chesapeake Bay interrupted vessel movements and oystering from January 25 to February 10. Precipitation was unusually frequent during March. The first half of April was very cool, unusually cloudy, and wet; the second half was dry and sunshiny. Dust clouds prevailed on March 6, 20, 21, 22, and 30, and on April 15, 17, 28, and 29. In May: Rainfall was heavy on the 2-3d in western Maryland, on the 6-7th over the northern portion of section (very heavy in southern portions of Baltimore and Harford Counties), and on the 21st over the southern Eastern Shore. Warm spell of June 13-18th was terminated suddenly by strong northeast winds in the afternoon of the 18th. Severe thundergust on June 18 caused heavy damage in Hagerstown and the surrounding territory. Southeast rain was heavy over the eastern half of the section on July 8-9; streams overflowed their banks and fields and roads were flooded in Cecil and Harford Counties, and also locally in southern Maryland; a number of bridges were washed out. The warm spell of August 11-22 was humid. A severe thundergust caused considerable damage northeast of Havre de Grace on August 3; another caused heavy damage at the B. & O. R. R. grounds of the Fair of the Iron Horse, at Halethorpe, on August 13. Summer rains were mostly of the thundershower type. In September: The first decade was cloudy and wet; the second and third decades were sunshiny and dry. The heavy rain of the 4-6th was excessive over southern Maryland and the southern and central portions of the Eastern Shore; over this area the 24-hour amounts were the greatest of record, the total rainfall of the 4-6th was the greatest of record for any rainstorm, and the monthly rainfall was the greatest of record for any month; damage to crops and (Continued on page 51)

CONDENSED SUMMARY OF CLIMATOLOGICAL DATA, 1935.

-	Tem	perati	ıre	Pre	cipitat	tion	Numb	ero	direction		
Months	Mean	Highest	Lowest	Average	Greatest in 24 hours	Snowfall	With 0.01 inch or more of precipitation		Partly cloudy Cloudy		Prevailing direct
January. February March April May June July August. September October November December	31. 4 33. 2 47. 6 50. 0 59. 5 70. 5 76. 9 74. 1 65. 2 56. 1 48. 7 30. 0	71 69 86 92 92 97 101 100 92 88 86 66	-23 -12 10 14 28 34 42 36 28 17 9 -22	2.70 3.02 3.76	3.81 1.95 1.88 2.84 3.65 3.05 5.82 2.80 10.30 3.10 3.80 1.13	20.1 6.6 1.7 2.1 T. 0.0 0.0 0.0 0.0 0.1 0.8 14.4	11 9 14 10 11 12 10 9 8 8 12 13	10 8 9 9 11 11 11 14 17 7	7 9 8 8 9 13 17 14 8 9 8	14 11 14 13 11 6 8 5 15	nw. nw. sw. nw. nw. sw. sw. sw. sw. sw.

	KII	LING E	FROSTS, 1935.		
Stations	Last in Spring	First in Autumn	Stations	Last in Spring	First in Autumn
Maryland,			Maryland (con.t.)		
Aberdeen	Apr. 16	Oct. 5	maryeana (con,t.)	ł .	1
Annapolis	Mar. 18	Nov. 24	Millington	Apr. 16	Oct. 5
Baltimore	Mar. 27	Oct. 5	Oakland	May 26	Sept. 30
Bell	Apr. 26	Oct. 5	Parkton	Apr. 16	Oct. 5
Boyds	Apr. 26	Oct. 5	Picardy	Apr. 16	Sept. 30
Cambridge	Mar. 27	Oct. 8	Pleasant Hill	Apr. 16	Oct. 5
Cecilton	Apr. 16	Oct. 5	Princess Anne	Mar. 27	Oct. 8
Cheltenham	Apr. 16	Oct. 5	Ridgely	Apr. 16	Oct. 8
Chewsville	Apr. 26	Sept. 30	Rock Hall	Apr. 16	Oct. 5
Clear Spring	Apr. 19	Sept. 30	Salisbury	Mar. 27	Oct. 8
Coleman	Apr. 16	Nov. 24	Sines	May 26	Sept. 30
College Park	Apr. 16	Oct. 5	Snow Hill	Mar. 27	Oct. 8
Crisfield	Mar. 18	Nov. 24	Solomons	Mar. 18	Nov. 24
Cumberland	Apr. 26	Sept. 30	State Sanatorium	Apr. 16	Oct. 7
Darlington	Apr. 16	Oct. 5	Stevensville	Apr. 16	Oct. 8
Dundalk	34 07	N 10	Takoma		Oct. 5
Easton	Mar. 27 Apr. 16	Nov. 19 Oct. 8	Towson	Apr. 16	Oct. 5
Elkton	Apr. 16	Oct. 5	Westminster		Sept. 30 Oct. 5
Emmitsburg	Apr. 16	Oct. 7	Woodstock	Apr. 16	Oct. 5
Fallston	Apr. 16	Oct. 5	11 OOGSTOCK	Apr. 10	Oct. J
Ferry Landing	Apr. 16	Oct. 7	District of Columbia.		
Frederick	Apr. 16	Oct. 5	2 will not by covarino act		
Friendsville	May 24	Sept. 30	Washington	Apr. 16	Nov. 24
Frostburg	Apr. 26	Sept. 30		11011 10	21011.22
Grantsville	May 26	Sept. 30	Delaware.		ł
Great Falls	Apr. 16	Oct. 5			
Hancock	Apr. 26	Sept. 30	Bridgeville	Mar. 27	Oct. 8
Keedysville	Apr. 26	Sept. 30	Delaware City	Apr. 16	Oct. 8
La Plata	Apr. 16	Oct. 7	Dover	Apr. 16	Oct. 8
Laurel	Apr. 16	Oct. 5	Milford	Apr. 16	Oct. 8
Lutherville	Apr. 19	Oct, 5	Millsboro	Mar. 27	Oct. 8
Maryland Line	Apr. 16	Oct, 5	Wilmington	Apr. 16	Oct. 8

COMPARATIVE DATA FOR MARYLAND AND DELAWARE

Precipitation

Number of days

years	Mean	Departure from the normal	Highest	Highest Lowest Average		Departure from the normal	Greatest local	Least local	Snowfall	with 0.01 inen or more	Clear	Partly Cloudy	Cloudy	
Period	54.0		110	-40	41.05		78. 72	14. 42	26, 1	109	163	104	98	
1895	52. 7 54. 2 53. 6 54. 9 55. 6 6 53. 3 6 54. 9 55. 6 6 55. 3 6 55. 3 6 55. 3 6 55. 3 6 55. 3 6 55. 4 6 55. 6 6 6 6 55. 3 6 55. 6 6 6 6 55. 6 55. 6 6 6 55. 6	$\begin{array}{c} -1.3\\ +0.2\\ -0.4\\ +0.9\\ -0.5\\ -0.1\\ -0.4\\ -0.7\\ -0.7\\ -0.7\\ -0.1\\ -0.2\\ -0.1\\ -0.7\\ -0.2\\ -0.1\\ -0.2\\ -0.1\\ -0.2\\ -0.1\\ -0.2\\ -0.1\\ -0.2\\ -0.3\\ -0.2\\ -0.3\\$	102 103 102 109 102 106 106 104 101 102 109 102 102 102 102 103 101 102 103 104 100 102 103 104 105 106 107 107 107 107 108 109 109 109 109 109 109 109 109 109 109	-18 -13 -12 -20 -26 -15 -15 -17 -12 -20 -20 -21 -5 -15 -16 -11 -32 -30 -19 -11 -32 -30 -19 -11 -32 -30 -19 -11 -32 -30 -19 -31 -31 -31 -31 -31 -32 -30 -31 -31 -32 -31 -32 -32 -33 -33 -34 -34 -34 -35 -31 -32 -32 -32 -33 -33 -34 -34 -35 -31 -35 -31 -32 -32 -32 -33 -33 -34 -34 -35 -31 -32 -32 -32 -32 -33 -33 -34 -34 -35 -31 -32 -32 -32 -32 -32 -32 -32	34, 47 37, 11 44, 97 40, 84 36, 66 45, 08 46, 94 36, 49 48, 81 48, 81 49, 81 49, 81 40, 81 40	-6. 58 -3. 94 +3. 92 +1. 06 -0. 21 -4. 39 +4. 03 +4. 03 +4. 03 +5. 15 +5. 89 -4. 58 -3. 68 -2. 57 -2. 57 -2. 57 -2. 50 -3. 69 +6. 57 -4. 58 -3. 68 +2. 58 -0. 68 +2. 58 -0. 68 +2. 58 -0. 68 +2. 58 -0. 68 +2. 58 -0. 68 +2. 58 -0. 68 +4. 6. 57 +6. 10 +8. 25 +6. 52	42. 07 64. 94 63. 87 51. 38 65. 77 51. 38 67. 72 61. 38 62. 92 62. 92 62. 92 62. 92 63. 32 64. 32 64. 32 65. 39 65. 39 66. 38 66. 38 66	30. 18 30. 18 32. 56 28. 21 34. 63 33. 76 36. 58 25. 72 31. 68 36. 10 37. 55 31. 63 26. 74 35. 50 26. 74 35. 50 26. 82 35. 50 26. 82 36. 14 27. 17 28. 89 24. 89 24. 89 24. 89 24. 89 27. 85 36. 76 37. 50 38. 30 39. 76 39. 76 30. 76 30	293.0 18.4 6 40.3 18.4 640.3 18.7 33.7 34.8 8 25.2 2 35.5 35.7 3 25.6 6 11.9 9 20.5 5 35.7 3 25.6 6 19.2 2 45.8 19.2 2 45.8	944 922 1099 1099 988 839 991 1055 1066 966 1233 1211 1015 109 1122 108 988 1077 1122 1100 988 1144 1111 1122 1256 1181 1111 1112 1125 1181 1111 1111 1111	176 157 164 164 175 166 162 141 170 156 162 141 171 170 155 167 166 168 174 166 168 174 166 168 174 166 169 169 169 169 169 169 169 169 169	105 101 111 107 99 99 96 110 100 100 100 114 117 110 104 114 102 96 98 98 101 104 114 104 114 104 116 111 105 116 116 116 116 116 116 116 116 116 11	84 98 98 94 102 91 91 103 96 89 107 95 86 90 100 90 96 92 97 97 97 99 107 95 103 99 111 111 112 104 107 112 112 112 112 112 112 112 112 113 113	

Climatological Date for the Year 1935

		Temperature, degrees Fahrenheit Precipitation														Ī		Sky		
Stations	Counties	Elevation, feet	Length of record,	Annual mean	Highest	Date	Lowest	Date	Length of record,	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall	Number of rainy	Number of clear days	Number of partly cloudy days	Number of cloudy days	Prevailing direction of wind
Maryland Aberdeen Annapolis Baltimore (U.S.W.B.) Bell § Boyds Cambridge (near) Cheltenham Chewsville Coleman § College Park Cristield Cumberland Darlington Dundalk Easton Elkton Elkton Elkton Emmitsburg Fallston § Ferry Landing § Frederick Friendsville Grant Falls Hancock (Tonoloway) H	Somerset Allegany Harford Baltimore Talbot Ceril Frederick Harford Calvert Frederick Garrett Allegany Garrett Montgomery Washington do Charles Prince Georges Baltimore do Kent Baltimore Allegany Baltimore Somerset Caroline Kent Kent Garrett Montgomery Washington Go Charles Prince Georges Baltimore Charles Charles Charles Prince Georges Baltimore Kent Garrett Baltimore Kent Kent Kent Kent Kent Kent Kent Ken	230 90 87 5 623 300 12 35 28 720 450 110 325 1,501 1,929	177 705 15 16 42 35 38 36 64 47 66 61 18 42 24 32 21 11 38 36 36 42 42 21 30 36 64 42 79 9 37 42 26 65	53. 6 55. 6 56. 55. 6 56. 3. 9 52. 8 52. 8 54. 9 54. 1 54. 5 54. 5 54. 5 54. 5 54. 5 54. 5 54. 5 54. 5 54. 6 54. 1 54. 6 54. 1 54. 6 54. 1 54. 6 54. 1 54. 6 54. 1 54. 6 54. 6 55. 6 56. 6	97. 95. 95. 96. 97. 96. 98. 99. 99. 99. 98. 101. 97. 98. 99. 99. 99. 99. 99. 99. 99. 99. 99	July 20 June 18 July 12 Aug. 18 July 20 July 12 Aug. 2 Aug. 3 July 20 July 12 Aug. 3 July 20 July 21 July 21 July 21 July 21 July 21 July 11 July 11 July 12 July 12 July 12 July 12 July 12 July 12	23 -23 -23 -25 -25 -25 -25 -25 -25 -25 -25 -25 -25	Jan. 28 Jan. 2	17 62 65 15 26 642 35 38 84 16 63 44 1 1 5 9 66 66 19 17 37 36 5 9 11 42 50 50 8 8 5 44 7 2 9 3 7 24 4 22 6 66	48. 49 45. 52 51. 52 48. 46 48. 47 49. 91 47. 09 50. 37 52. 26 38. 13 52. 26 38. 13 52. 26 38. 13 50. 68 57. 33 52. 26 38. 13 51. 44 44. 37 50. 37 46. 29 44. 63 34. 71 55. 55 55. 55 56. 58 57. 58 48. 49 48. 56 56. 68 57. 58 56. 68 57. 58 56. 68 57. 58 57. 58 58. 58 59. 58 59	8. 85 7. 99 7. 59 7. 69 8. 87 7. 69 6. 8. 29 6. 28 5. 60 7. 61 8. 7. 68 7. 68 7. 68 7. 68 7. 68 7. 68 7. 68 7. 68 7. 68 7. 68 8. 60 7. 7. 68 7. 68 8. 60 6. 16 6.	July Sept. June Sept. June Sept. June Sept. Sept	1. 87 2. 15 2. 16 1. 15 2. 27 1. 32 2. 38 1. 17 1. 18 2. 38 1. 10 1. 16 1. 18 1. 19 2. 39 1. 10 1. 16 1. 18 1. 19 1. 10 1. 10	Dec. Oct. Dec. Oct. Aug. Aug. Dec. Oct. Aug. Feb. Dec. Oct. Aug. Feb. Dec. Oct. Aug. May. Feb. Aug. May. Aug. May. Aug. Dec. Dec. Mar. Ed. Aug. Dec. Dec. Dec. Mar. Ed. Dec. Nov. Ed. Dec. Aug. Dec.	48.6 44.0 43.3 64.1 44.0 84.2 64.1 45.1 45.1 46.6 44.0 85.6 66.5 65.6 67.3 89.5 65.6 67.5 88.0 92.2 67.5 88.9 94.1 47.0 92.0 27.5 88.9 94.0 68.0 68.5 69.5 69.5 69.5 69.5 69.5 69.5 69.5 69	137 138 136 126 120 112 134 128 139 121 130 121 145 166 118 121 145 145 127 137 144 115 128 129 129 116 117 129 121 130 121 145 145 145 145 145 145 145 145 145 14	79 98 107 122 123 124 123 125 144 122 121 115 116 181 192 125 126 139 102 118 125 130 102 118 117 147 110 115 116 117 117 117 118 118 118 118 118	143 133 111 128 92 105 133 101 118 137 107 110 119 127 110 107 110 103 101 111 111 110 103 103 101 111 11	143 144 147 124 114 120 125 120 123 142 121 115 122 121 108 118 127 108 153 142 121 104 114 115 121 104 116 117 118 121 121 105 105 105 105 105 105 105 105 105 10	SW. NW. SW. SW. SW. SW. SW. SW. SW. SW. SW. S
District of Columbia Washington (U.S.W.B.)	••••••	112	65	55.8	98	July 20*	— 2	Jan. 28	65	43.53	8.08	Sept.	2.06	Dec.	39.4	141	103	119	143	nw.
Delaware Bridgeville Delaware City Dover Milford Milsboro Wilmington \$5, Wilmington \$55,	Sussex New Castle Kent Sussex do New Castle do	45 12 34 20 20 86 260	45 49 46 43 48	54.6 53.8 54.6 55.1 55.6	97 94 95 99 95	July 20 Aug. 14 Aug. 13* Aug. 13 July 20*	- 4 - 7 - 7 - 5 - 6	Jan. 28 Jan. 28 Jan. 28 Jan. 28 Jan. 28 Jan. 28	45 49 46 53 43 42 24	58.37 47.98 56.09 57.37 58.55 54.45 50.83	14.84 6.70 11.37 13.31 12.45 7.73 6.60	Sept. Sept. Sept. Sept. Sept. Sept.	1.76 2.50 2.17 2.31 2.43 2.84 2.53	Dec. Aug. Oct. May Dec. Dec. Dec.	37. 0 50. 2 42. 7 38. 6 36. 0 49. 3 50. 7	128 114 128 125 118 131 132	151 119 143 135 149 119 119	110 126 108 128 111 126 126	104 120 114 102 105 120 120	nw. nw. nw. nw. nw. nw. nw.
For Maryland and District of Columbia For Delaware For entire section				53.5 54.5 53.6	101 99 101	July 20 Aug. 13 July 20	-23 - 7 -23	Jan. 28 Jan. 28 Jan. 28		46. 79 54. 44 47. 57	17. 57 14. 84 17. 57	Sept. Sept. Sept.	1.01 1.76 1.01	Aug. Dec. Aug.	46.3 40.7 45.8	127 124 127	124 135 125	121 118 120	120 112 120	nw. nw. nw.

ERRATA:

August, 1935.—Page 30: Departure of rainfall from normal for Maryland Line, published -1.53, should be -3.53, September, 1935.—Page 34: Departure of rainfall from normal for Delaware, published +7.62, should be +7.63. October, 1935.—Page 38: Departure of rainfall from normal for Millington, published -0.22, should be +0.22. November, 1935.—Page 42: Rainy days for Maryland and District of Columbia, published 11, should be 12.

	Jan	uary	Febr	ruary	y March		A	pril	М	[ay	Jı	ne	J	uly	Au	gust	Sept	ember	Oct	ober	Nov	ember	Dece	An	nua	
•		<u>-</u>		1 .				_						<u> </u>	-	-				.		<u> </u>		·		
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	
Maryland																										
erdeen napolis Ittimore (U.S.W.B.) Il yds mbridge (near) eltenham ewsville nar Spring leman lege Park sheld mberland rlington ndalk ston mitsburg llston mry Landing dedrick: endsville sostburg antsville sostburg antsville sostburg antsville sostburg antsville sostburg antsville sostburg antsville	4.70 5.75 4.34 3.97 3.80 5.04 4.84 4.58 3.05 4.11 6.12 4.06	+1.37 +2.55 +1.15 +1.52 +0.40 +1.74 -0.21 +0.46 +2.82 +0.94	2.86 2.75 2.50 1.60 3.16 2.84 3.82 3.37 1.95 2.21 3.00 2.20	-0.24 -0.42 -1.23 -0.90 -0.08 +0.62 -1.24 -1.37 +0.25 -0.80	3. 28 3. 41 2. 56 1. 97 2. 49 2. 84 3. 51 3. 22 3. 10 2. 44 2. 78 2. 98	-0. 15 -0. 05 -1.90 -0.97 -0. 80 -0. 07 -0. 84 -1. 39 -0. 56 -0. 26	3. 15 4. 59 6. 25 2. 03 3. 53 4. 66 3. 47 3. 05 2. 65 4. 18 4. 34 3. 08	-0.40 +1.00 +2.15 -0.79 +0.11 +0.12 -0.84 +0.56 +0.02	4. 30 4. 13 5. 77 4. 20 2. 93 4. 57 2. 68 4. 08 2. 60 3. 01 3. 07 2. 22	+1.08 +0.38 +2.67 +0.91 -0.41 -0.50 -1.49 -0.65 -0.39	8.80 8.04 8.87 5.00 6.35 5.68 4.75 8.76 4.24 4.27 4.13 3.99	+0.10 -0.92 +0.46 +1.00 +2.37 +0.99 -0.03 +0.21 +0.35 -0.39	5.69 2.63 8.85 2.73 6.08 3.46 4.25 5.61 2.81 7.78 4.52 2.43	+1. 15 -1. 51 -0. 74 -0. 49 +1. 61 -0. 15 -1. 42 +3. 35 -1. 05 -1. 51	1.77 3.31 5.65 4.03 1.15 3.04 2.84 1.01 *2.40 1.66 2.14 2.29	-2. 02 -2. 24 -0. 40 -1. 01 -1. 57 -1. 57 -1. 84 -0. 73 +1. 17 +0. 56 -3. 52 -1. 49 -2. 94 +2. 01 +3. 62 -1. 19 +2. 94 +2. 01 +3. 62 -1. 19 +1. 17	7.97 8.49 6.28 3.56 7.58 7.61 17.57 6.66 •4.30 7.27 11.99 5.50	+4.50 +5.32 +3.69 +0.84 +3.93 +14.55 +0.71 +3.25 +8.59 +2.27	4. 15 2. 31 1. 92 2. 30 3. 26 2. 83 1. 95 3. 57 3. 54 1. 44 2. 84	+1. 31 -0. 39 -0. 52 -0. 11 +0.08 -1. 20 +0. 12 -1. 27 +0. 13 -0. 89 -0. 63 +1. 61	5. 59 4. 74 2. 77 5. 24 5. 71 5. 29 6. 53 4. 00 5. 88 4. 80 2. 50 2. 72 2. 72	+3.09 +2.22 +2.56 +0.64 +2.48 +2.72 +0.79 +2.72 +2.14 +1.21 -0.55 -0.01	2.65 1.94 2.24 3.10 2.74 2.38 2.36 2.08 3.23 1.43 1.99 2.80 5.45 3.21	$ \begin{array}{r} -0.93 \\ -1.07 \\ -1.34 \\ +0.60 \\ -0.85 \\ \\ -0.68 \\ \\ +0.09 \\ -2.11 \\ -0.65 \\ -1.85 \\ +0.28 \\ +0.28 $	49. 91 47. 09 50. 37 26 48. 31 50. 66 57. 33 52. 26 37. 90 47. 78 50. 32 38. 13 51. 64 44. 37	+++++++++++
ncock (Tonoloway) ncock (City) edysville Plata urel	3.46 6.01 5.30	+0.45 $+2.78$ $+2.01$	1.81 3.30 2.86	-0.78 +0.60 -0.04	2. 48 4. 08 3. 47	-0.36 + 1.34 - 0.07	2.84 4.69 5.29	$-0.42 \\ +0.57 \\ +1.63$	2. 46 4. 46 3. 96	-0.73 +1.27 +0.56	2. 76 5. 13 3. 77	$-1.34 \\ +1.16 \\ -0.27$	1.58 3.63 4.26	$ \begin{array}{r} -2.03 \\ +0.04 \\ -0.10 \end{array} $	1.87 4.21 1.25	$-2.28 \\ +0.05 \\ -3.39$	3. 51 10. 97 7. 76	+0.55 +8.22 +4.51	2. 89 1. 82 2. 00	-0.44 -0.39 -0.27 -0.60 -0.84	2.71 2.26 3.28 4.98 4.70	+0.39 -0.06 $+1.22$ $+2.38$ $+2.26$	1.98 1.71 2.57 2.23 1.67	-0, 64 -0, 91 -0, 21 -0, 35 -1, 68	34.04 32.05 31.51 55.51 46.29	- +:
utherville arayland Line (Illington kland Line (Illington kland Line) (Prettyboy Dam) cardy cardy casant Hill (Illington kland Line	4.07 6.14 3.82 3.61 4.06 4.43 5.19 4.77 4.97 5.95 5.10	+0.61 +2.11 +0.63 +1.38 +2.07 +1.49 +1.59	3. 10 2. 15 2. 61 1. 86 2. 65 2. 74 3. 15 3. 20 2. 63 8. 20 2. 63	-0. 23 -1. 27 -0. 47 -0. 73 +0. 04 -0. 05 -0. 37	3.15 4.01 2.68 1.95 3.30 2.92 2.88 2.98 4.11 2.80 2.27	-0.61 +0.28 -0.52 -0.75 -0.24 -0.37 -0.80 	3. 62 3. 59 3. 63 2. 22 4. 35 4. 25 3. 67 4. 16 3. 86 5. 00 3. 85	-0.02 -0.61 -0.01 +0.74 +0.33 +0.53 +0.43 -1.00	2. 46 5. 22 2. 18 3. 64 3. 66 3. 16 2. 58 2. 01 5. 85 5. 16 3. 80 3. 87	-0.60 +0.93 -0.12 -0.02 -0.80 -1.07 +2.61	4. 62 6. 77 3. 92 5. 00 3. 35 6. 08 4. 93 5. 34 4. 08 5. 32 5. 91 2. 80 7. 05	+0.36 +3.08 -0.70 +1.76 +1.21 +1.64 +0.55 +1.53 +3.83	3. 27 3. 81 3. 87 1.71 3. 91 4. 97 3. 53 4. 93 5. 70 4. 86 5. 40 6. 96	-1.52 -0.79 +0.07 +0.66 -1.06 +0.12 +1.78 +2.86	2, 98 4, 90 1, 47 4, 20 2, 21 4, 35 5, 29 2, 72 4, 75 5, 19 5, 00 3, 69		9. 10 6. 24 7. 61 3. 98 6. 14 13. 33 15. 65 8. 05 14. 83 4. 32 7. 10 13. 37	+5.58 +3.20 +1.84 +10.51 +12.54 +4.38 +11.63	2. 15 3. 13 2. 80 2. 24 3. 06 2. 43 2. 43 2. 34 3. 52 2. 49 2. 62 3. 15 3. 04	-1. 71 +0. 22 -0. 60 	4. 27 2. 6. 05 2. 68 4. 89 2. 41 3. 82 3. 87 5. 57 6. 4. 26 5. 70 6. 4. 60	+3.51 -0.07 +0.98 +1.49 +3.31 +2.83 +1.54 +2.66	2, 64 4, 11 2, 63 2, 14 2, 66 2, 22 1, 68 2, 53 2, 40 3, 89 2, 26	—1 02	50. 34 49. 57 42. 63 34. 13 45. 27 53. 60 57. 59 48. 42 60. 50 50. 63 51. 85 57. 79 42. 00 46. 98 49. 43 40. 38	
District of Columbia ashington (U.S.W.B.)	5.27	+1.72	2.37	-0.90	3.39	-0.36	3.95	+0.68	3. 54	-0.16	3. 43	-0.70	2. 25	-2.46	2. 40	-1, 61	8.08	+4.84	2.76	-0. 08	4.08	+1.66	2.06	1. 26	4 3. 53	-
Delawar e																										
idgeville	4, 72 *4, 82 5, 01 7, 59 4, 75 5, 68 5, 04	2 + 1.30 $2 + 2.03$ $+ 1.77$ $3 + 4.01$ $3 + 1.32$ $3 + 2.28$ $4 + 1.64$	3.28 3.25 3.75 3.11 2.95 3.44 3.48	$ \begin{array}{r} -0.16 \\ +0.53 \\ +0.48 \\ -0.40 \\ -0.62 \\ +0.09 \\ +0.13 \\ \end{array} $	3. 09 2. 98 4. 00 3. 25 3. 30 3. 08 2. 73	-0.70 -0.10 +0.05 -0.70 -0.52 -0.30 -0.65	3.33 3.35 3.68 4.66 4.24 3.53 3.68	$\begin{array}{c} -0.17 \\ -0.02 \\ +0.15 \\ +1.17 \\ +0.58 \\ +0.05 \\ +0.20 \end{array}$	3.95 4.75 3.07 2.31 4.02 3.59 3.40	+0. 43 +1. 59 -0. 53 -1. 29 +0. 65 +0. 13 -0. 06	5, 14 4, 79 5, 43 5, 20 4, 53 6, 50 5, 20	+1.41 +0.94 +1.89 +1.48 +0.81 +2.68 +1.38	3.74 3.35 4.73 3.53 6.51 4.06 4.23	$ \begin{array}{r} -1.48 \\ -0.26 \\ +0.15 \\ -0.96 \\ +1.84 \\ -1.01 \\ -0.84 \end{array} $	3. 35 2. 50 5. 03 3. 97 2. 60 4. 41 4. 60	$ \begin{array}{r} -1.00 \\ -1.38 \\ +0.49 \\ -0.54 \\ -2.41 \\ -0.22 \\ -0.03 \end{array} $	14. 84 6. 70 11. 37 13. 31 12. 45 7. 73 6. 60	+11.84 +3.20 +7.71 +9.96 +9.51 +4.16 +3.03	2.31 3.15 2.17 2.45 4.25 3.34 3.09	-0.77 +0.55 -0.62 -0.78 +0.94 +0.22 -0.08	3.86 5.22 4.81 5.36 6.52 6.25 6.25	+1. 34 +2. 85 +1. 72 +2. 43 +3. 88 +3. 38 +3. 38	1, 76 3, 12 3, 04 2, 63 2, 43 2, 84 2, 53	$ \begin{array}{r} -1.45 \\ -0.22 \\ -0.33 \\ -1.05 \\ -1.33 \\ -0.78 \\ -1.09 \\ \end{array} $	53, 37 47, 98 56, 09 57, 37 58, 55 54, 45 50, 83	+++++
or Maryland and Dis- trict of Columbia or Delaware or entire section	4. 67 5. 49 4. 74	$\begin{array}{c} +1.45 \\ +2.18 \\ +1.51 \end{array}$	2.68 3.30 2.70	3-0.41 0-0.01 0-0.38	2, 99 3, 25 3, 02	$ \begin{array}{r} -0.42 \\ -0.41 \\ -0.42 \end{array} $	3. 76 3. 81 3. 76	+0. 18 +0. 31 +0. 19	3. 64 3. 60 3. 63	+0. 24 +0. 15 +0. 22	4.49 5.16 4.56	+0.51 +1.43 +0.61	4.23 4.33 4.24	+0.04 -0.28 0.00	3. 22 3. 66 3. 27	-1.08 -0.83 -1.05	7. 60 10. 97 7. 96	+4. 38 +7. 63 +4. 73	2.75 2.92 2.76	-0.12 -0.09 -0.12	4. 32 5. 34 4. 43	+1.80 +2.60 +1.88	2. 49 2. 61 2. 50	-0. 61 -0. 89 -0. 65	46. 79 54. 44 47. 57	+

[•] Determined from surrounding stations.

Continued from front page)
property was estimated at \$2,000,000. A tornado on the 4th, moving from between Brandywine and Naylor in Prince Georges County to Willoughby in Queen Annes County, caused heavy damage to property and crops along the path; another tornado on the 5th caused some damage in northwestern Somerset County. Typical autumn was well above normal, except somewhat below normal in Washington, Frederick, Carroll, and Baltimore (except the southern Maryland and over the Eastern Shore and the eastern portion of north-central Maryland. In December: The third decade was severely cold; snowfall was heavy in the Allegheny Mountain region on the 20th, over the central and southern Eastern Shore during the night of the 22-23d, and over the entire section on the 29-30th; and the monthly snowfall was the heaviest since 1904.

This year was slighty colder than normal. January and February were moderately cold; April, May, and September were cool; June and October were slightly cool;

:	Monthly and Annual Mean Temperatures for the Year 1935, v													with Departures from the Normal												
-	Janı	ary	Febr	uary	Ma	arch	A	pril	N	lay	Ju	ıne	Jı	ıly	Au	gust	Septe	ember	October		November		Decembe		An	nual
Stations	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure ,	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Maryland																										
Aberdeen Annapolis Baltimore (U.S.W.B.) Bell. Boyds. Cambridge. (near). Cheltenham Chewsville. Clear Spring Coleman College Park. Crisfield Cumberland Darlington Dundalk Easton Elkton Ermitsburg. Fallston Ferry Landing Frederick Friendsville Frostburg. Grantsville	32.8 33.2 31.4 29.8 34.4 32.8 28.6 36.5 36.5 36.8 28.0 30.7 32.6 29.4 29.6 29.5 30.3 29.6 29.6 29.6 27.2	-1.9 -0.1 -1.0 -1.0 -2.1 -1.0 -2.1 -1.0 -2.0 -2.0 -2.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1	6 35.0 8 32.9 8 36.2 7 35.6 8 32.8 9 34.0 8 32.8 9 34.0 9 32.6 9 32.6	0.0 -0.4 -2.9 +0.3 +0.3 +1.9 -1.0 -1.1 -1.5 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	48.8 49.4 49.2 46.8 49.7 50.9 47.2 47.2 47.2 47.0 46.4 46.8 49.5 44.1 44.6 44.6	+5.3 +7.17 +2.45 +5.88 +6.63 +5.32 +6.37 +6.37 +6.37 +6.37 +6.37 +6.37 +6.37 +7.30 +6.33 +7.30 +	50.2 49.0 51.5 51.6 47.8 49.4 50.7 53.3 50.5 49.0 50.4 49.6 49.6 50.8 51.2 44.3 46.5 *43.5	-2. 0 -1. 0 -2. 1 -3. 6 -3. 8 -2. 5 -1. 0 -2. 4 -1. 8 -1. 5 -2. 5 -2. 6 -2. 1 -3. 0 -1. 1 -3. 0 -3. 6 -3. 3 -2. 5	61.3 62.2 59.7 559.0 61.8 60.6 554.6 60.3 60.4 559.1 60.8 60.8 60.8 60.8 60.9 59.1 60.8 60.6 60.6 60.6 60.8 60.6 60.6 60.8 60.6 60.6	-2.8 -2.2 -2.9 -3.5 -2.9 -3.2 -2.7 -2.8 -2.8 -3.0 -2.3 -2.9 -3.1 -2.5	72.0 72.0 68.3 70.2 71.0 71.7 74.4 70.0 70.6 70.6 70.7 71.8 63.6 66.2 62.6	+0.9 -0.8 +1.0 -0.8 +1.0 -0.8 +0.0 +1.2 +0.0 -0.9 +0.6 +0.7 -1.4 -0.1 -1.4	77. 8 76. 4 78. 9 77. 8 77. 9 78. 6 78. 4 76. 8 79. 1 77. 7 76. 8 76. 9 76. 2 79. 2 69. 9 73. 0 69. 6	+2.2 +1.1 +0.1 +2.1 +5.1 +0.7 +1.6 +4.3 +2.2 +1.6 +1.5 +1.6 +1.6 +1.6 +1.6 +1.6 +1.6 +1.6 +1.6	75. 6 75. 2 72. 4 74. 7 75. 8 76. 5 74. 3 76. 4 75. 0 *73. 5 74. 0 76. 2 67. 8 69. 9 66. 9	+1.2 8 +1.7 1 +0.5 1 +0.3 1 +2.2 2 +1.2 1 +2.3 1 +2.4 1 +1.7 1 +0.2 1 +0.7 1	65. 0 66. 2 66. 2 66. 1 70. 0 65. 4 62. 7 66. 4 66. 4 *64. 0 64. 8 66. 2 66. 2 60. 2 61. 6 58. 0	-2. 8 -1. 2 -3. 7 -2. 9 -1. 5 -1. 5 -1. 5 -0. 3 -3. 9 -2. 1 -1. 3 -2. 5 -1. 3	56. 3 58. 4 56. 5 53. 8 57. 8 56. 8 59. 8 57. 0 57. 0 57. 0 57. 0 55. 2 56. 9 51. 2 56. 9 51. 2 53. 2 49. 3	+0.5 +0.6 +1.6 -0.7 -0.5 +0.6 +1.6 -1.1 -0.7 +0.8 +1.1 +0.9 -0.7	49. 447. 3 7 51. 7 7 49. 0 8 49. 0 9 50. 3 9 53. 0 9 50. 3 9 50. 8 47. 8 48. 7 147. 8 47. 1 47. 1 47. 2 48. 8 42. 6 40. 4	+4.0 +4.1 +4.6 +2.4 +4.1 +3.2 +2.9 +3.3 +4.0 +4.3 +4.5 +4.6 +1.8 +1.5	30. 6 29. 2 33. 6 30. 1 27. 8 31. 1 34. 9 28. 9 28. 0 31. 2 30. 2 28. 2 29. 2 30. 0 23. 6 24. 7 *21. 8	-4.6 -4.4 -4.7 -6.6 -4.3 -5.7 -4.9 -5.6 -5.1 -5.5 -5.7 -5.2 -4.7 -5.1 -4.8 -7.1 -7.6	55. 6 55. 9 52. 8 55. 9 54. 9 51. 4 54. 1 54. 7 57. 5 52. 1 54. 5 52. 7 52. 9 54. 6 48. 4 48. 4 50. 0 47. 0	-0.2 +0.5 -0.3 -1.5 -0.7 -0.1 -0.7 -0.9 +0.4 -0.1 +0.7 -0.4 -0.9 +0.4 -0.9 -0.8 -0.5
Great Falls Hancock, (Tonoloway) Keedysville. La Plata. Laurel Lutherville Maryland Line Millington Oakland Parkton(PrettyboyDam) Picardy Princess Anne Ridgely Rock Hall Salisbury Sines (Deep Creek). Snow Hill Solomons. State Sanatorium Stevensville Takoma Western Port Westminster Woodstock.	30.4 32.8 31.2 29.9 28.3 29.0 30.8 34.4 26.6 36.4 28.6 432.8 32.2 31.7 29.0	-0.3 -1.4 -2.5 -1.6 -1.6 -1.6 -1.6 -1.6 -1.6 -1.6 -1.6	32. 44 32. 49 33. 60 33. 60 32. 50 31. 00 32. 50 32. 50 32. 50 32. 50 33. 60 34. 32. 50 35. 60 36. 60 37. 80 38. 60 38. 60 39. 60 30. 60 30	+0.9 -0.6 -1.7 +0.5 -1.8 +1.0 -0.5 -0.8 -1.0 +0.7 +0.4 +2.1 +1.8	47.8 50.4 48.0 46.5 45.4 48.3 43.7 45.4 47.1 48.6 48.6 41.4 50.1 50.5 48.8	+3.9 +4.5 +3.7 +4.9 -6.2 +4.3 +6.8 +3.1 +4.6 +3.7 +4.8 -6.3 +6.3 +6.3	51.8 50.4 48.9 49.0 51.4 48.8 49.0 50.4 51.5 51.8 42.4 51.0 51.5 48.1 49.8 48.8	-3.1 -2.9 -3.1 -2.2 -1.0 -1.8 -2.7 -1.3 -1.2 -2.5 -2.9 -0.9 -1.9 -3.8	57.6 60.4 59.5 58.8 58.2 60.4 53.9 58.3 58.0 59.7 61.1 60.9 62.0 62.4 60.0 62.8 58.0 61.3 60.8 59.9	-4.7 -2.7 -3.2 -3.3 -2.8 -1.6 -1.6 -1.8 -2.1 -3.2 -2.9 -4.8	71. 2 71. 9 70. 8 69. 6 71. 0 63. 5 69. 0 71. 2 72. 2 73. 2 72. 6 62. 0 71. 8 72. 6 72. 6 72. 6 72. 6 72. 6 73. 6 74. 1 69. 8 72. 6 72. 2 69. 6	-1.9 +0.1 -0.7 +0.1 -0.3 -0.2 +0.2 +0.1 +0.6 +0.8 +0.5 -0.9 +0.6	79.4 77.8 77.1 76.7 75.8 75.6 76.4 77.9 79.2 77.4 69.3 76.6 79.0 76.6 79.3 78.4 76.8	+1.9 +3.8 +1.2 +1.8 +1.3 +4.0 +1.7 +2.4 +0.7 +3.1 +3.4 +2.9	75. 6 75. 2 74. 8 74. 0 73. 4 68. 4 73. 0 72. 7 75. 2 76. 3 77. 2 76. 3 77. 2 76. 3 77. 2 76. 3 76. 2 76. 3	+0.4 +1.5 -1.1 +1.4 +0.5 +2.9 -1.1 +1.3 +0.3 -1.1 +1.0 -1.1 +1.0 -1.1 +1.0	65. 2 8 2 0 6 6 6 4 6 8 6 6 5 2 8 4 6 8 6 6 6 7 5 2 2 4 5 6 0 6 6 5 6 6 6 6 7 6 6 5 6 6 5 6 6 5 6 6 5 6 6 5 6 6 6 6	-1.5 -2.9 -3.9 -2.9 -0.2 -1.8 -1.8 -1.9 -2.0 -2.0 -2.0 -1.4 -1.0	53.6.1 0 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	-0.8 -0.5 +0.4 +0.9 +1.0 -0.7 +1.2 -0.4 +0.7 -0.3 -0.1 +0.2 +0.5 +1.5 +0.5	46. 3 47. 5 51. 0 47. 4 50. 8 47. 4 50. 8 51. 6 51. 6 51. 6 51. 6 52. 4 39. 9 51. 6 52. 6 45. 7 47. 2	+2.8 +3.4 +4.3 +4.6 +2.9 +5.2 +4.5 +5.2 +4.5 +5.1 +5.1 +2.5 +5.1 +3.9 +2.5 +6.1 +3.5	29. 2 0 4 2 27. 8 32. 6 32. 6 32. 6 32. 6 32. 6 32. 6 32. 8 31. 4 4 4 4 4 26. 8 31. 7 28. 5 28.	-4.6 -6.1 -4.3 -6.4 -7.6 -7.6 -3.9 -5.5 -4.3 -5.8 -2.9 -5.8	53. 8 55. 3 52. 7 52. 1 54. 3 48. 1 55. 4 55. 4 55. 4 55. 4 55. 4 55. 4 55. 4 55. 8	-0.9 -0.1 -1.0
District of Columbia	90 0	_0.1	95.4	- 0.1	50.0	170	51.0	1.4	61.8	1 0	70 A		70.4	±9.7	70 0	+1.8	c= 0	1.1	50 O		50.0		99.1	4.5	EE 0	100
Washington (U.S.W.B.) Delaware	33.3	-0.1	00.4	TU.1	50.2	71.0	91.9	-1.4	01. 8	-1.9	10.4	T1.2	19.4	T4.1	70.8	+1.8	67.0	-1.1	J5, Z	+0.8	ə0. 2	+0.0	02.1	-4. a	99. 8	+v. 8
Bridgeville Delaware City Dover. Milford Millsboro Wilmington	34.2 *30.9 33.0 34.2 35.4 30.0	-0.8 -1.7 -2.6 -1.5 0.0 -2.6) 36.6	-1.6 -1.6 -0.2 $+1.1$	46.3 48.6 49.4 49.9	T0.0	50, 2 50, 7 51, 4 51, 2 51, 9 50, 1	$ \begin{array}{r rrrr} -2.9 \\ -1.4 \\ -1.8 \\ -2.6 \\ -0.9 \\ -2.5 \end{array} $	59.2 59.7 60.6 60.5 60.8 59.1	$ \begin{array}{c c} -3, 3 \\ -2, 8 \\ -3, 4 \end{array} $	72.0 72.0	+0.1	77.0	+1.3 $+0.4$ $+0.6$ $+0.6$ $+1.1$ $+0.3$	74.3 74.8	-0.1 -0.1 +0.7	66.1 66.8	-2.0 -2.4 -2.4 -2.5 -2.0 -2.9	57.2 57.6 57.4	+0.1 -0.7 -0.3	51. 0 49.8 50. 4 50. 9 51. 6 49. 0	+3.9 +4.6 +3.6	31.6 30.7 31.5 31.2 32.0 29.7	-5.6 -5.3 -5.2 -6.7 -5.5 -5.3	53. 8 54. 6 55.1	-0.5 -0.7 -0.5 -0.7 +0.3 -1.0
For Maryland and District of Columbia For Delaware For entire section	31.2 33.4 31.4	-1.5 -1.1 -1.5	33. 0 34. 2 33. 2	-0.8 -0.7 -0.8	47.6 47.9 47.6	+4.7 +4.2 +4.6	49. 9 50. 9 50. 0	-2.4 -2.3 -2.4	59. 4 60. 0 59. 5	-2,9 -3.5 -2.9	70, 4 71.2 70.5	-0.2 -0.8 -0.3	77. 1	$^{+1.9}_{+0.4}_{+1.7}$	74. 1 74. 6 74. 1	+1.1 +0.2 +0.9	65. 0 66. 2 65. 2	-2.6 -3.0 -2.6	56. 0 57. 2 56. 1	-0.1 -0.3 -0.1	48.4 50.4 48.7	+3.6 +3.7 +3.6	29, 9 31, 1 30, 0	-5.3 -5.9 -5.4	53. 5 54. 5 53. 6	-0.4 -0.8 -0.4

^{*}Determined from surrounding stations.

(W. B. O., Richmond, Va.-3-26-36-1,400)

(Continued from page 51)

Annual snowfall averaged one and three fourths times the normal, and was the greatest of record. Annual amounts were 20 to 40 inches over the southern portion and 40 inches over the northern portion of north-central Maryland; and were 35 to 40 inches over the western portion of north-central Maryland; and were 35 to 40 inches in western Maryland, except they increased rapidly from around 40 inches at the eastern foothills to 90 to 10 inches in the highlands of the Allegheny Mountain region. Buowfall averaged two and four fifths times the normal in January and slightly more than three times the normal in December: averaged slightly below normal in February and November mormal in October, and slightly above normal in April; and was very light in March.