U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

IN COOPERATION WITH MARYLAND STATE WEATHER SERVICE

CLIMATOLOGICAL

15 MARYLAND AND DELAWARE SECTION

J. R. WEEKS

PRICE: 5 CENTS A COPY; 25 CENTS A YEAR

Vol. XLVBaltimore, Md., Year 1941

GENERAL SUMMARY

This year was warm, the sunniest of record, and deficient in precipi-There was an autumnal drought. Springs and wells were low

in September, October, November, and December.

March was very cold; January and February were moderately cold;

June and August were slightly cool; July was normal; May and November were mild; September and December were warm; and April and October

Annual precipitation averaged three-fifths of normal and was the least since 1930. Precipitation was deficient in every month, except somewhat above normal in June and July and slightly above normal in December. Annual amounts were slightly below 30 inches over the southern and central

above normal in June and July and slightly above normal in December. Annual amounts were slightly below 30 inches over the southern and central portions of north-central Maryland and the northern portions of Washington and eastern Allegany Counties; elsewhere over the section they were between 30 and 35 inches, except 35 to 40 inches over the lower Chesapeake Bay region and 35 to 47 inches in western Garrett County.

Annual snowfall averaged slightly below normal. Snowfall was deficient in January and February, very light in November and December, and two and three-fifths times the normal in March. Annual amounts were between 10 and 20 inches over the southern portion of the section and between 20 and 30 inches over the northern portion, except between 30 and 75 inches in the Allegheny Mountain region.

Annual sunshine was nearly 10 per cent above normal. Sunshine was deficient in July, slightly below normal in June, normal in January, March, and October, and above normal in December. February, April, May, August, September, and November were unusually sunny.

Crop and tree fruit yields were mostly fair to good, except peaches were good to excellent and plentiful, corn and tobacco crops were good, late potatoes were small and the crop was poor to fair in the eastern and central divisions, and the pea, strawberry, and early hay crops were short and poor. Late tomatoes were plentiful.

Damage was caused locally by thundergusts on May 23 and 29, on July 12, 19, and 28, and on August 19 and 26; by strong winds on December 20; by gales on December 24; and by lightning on June 17, July 19 and 29, and September 10. Lightning injured 3 men at Middle River on July 12. Some damage was caused by a mild tornado on July 6 at Wilmington and on August 15 in northern Garrett County.

A severe tornado caused property loss of \$125,000 to \$150,000 on August 25 at Wilmington.

August 25 at Wilmington.

Heavy hail ruined crops valued at \$50,000 and killed 400 chickens along a path from Westover eastnortheastward to Sinepuxent Bay on June 15, and caused considerable crop damage at Westover on July 19. Moderate hail ruined tree fruits, mostly peaches, valued at \$75,000 to \$100,000 at

Bail rulined tree fitties, mostly peaches, values at 1.0,000 Bridgeville on July 28.

In January there were strong westerly gusts and heavy snow squalls on the 14th; a glaze 0.2 to 0.5 inch thick on the 16th; moderate to heavy snowfall over the northern portion of the section during the 26-28th. (Continued on page 52)

CONDENSED SUMMARY OF CLIMATOLOGICAL DATA 1941

| | т | empera | ture | | | Precipit | ation | | Numb | erc | of da | ays | tion |
|---|--|--|--|--|--|--|--|---|---|--|---|-------------|---------------------------------|
| Months | Mean | Departure from the normal | Highest | Lowest | Average | Departure from the normal | Greatest in 24 hours | Snowfall | With 0.01 inch or more of precipitation | Clear | Partly cloudy | Cloudy | Prevailing direction of wind |
| January. February March April May June July September October November December | 32. 2 31. 4 36. 8 56. 8 64. 3 70. 5 75. 3 73. 0 70. 1 61. 9 47. 9 39. 6 | -1.0 -1.8 -5.8 +4.6 +1.6 -0.2 -0.5 +2.4 +5.6 +2.7 +4.1 | 62 60 70 97 100 97 104 100 100 99 78 71 | -10 -10 -8 17 20 34 42 36 31 20 11 | 1. 46 2. 26 2. 97 2. 26 4. 92 5. 28 | -0. 26 -1. 57 -1. 32 -0. 59 -1. 22 +0. 92 +0. 99 -1. 40 -2. 80 -1. 34 -0. 71 +0. 33 | 1.75 1.74 1.90 2.33 2.44 3.65 3.65 5.60 1.35 2.05 1.34 2.82 | 5. 6. 5. 6. 12. 1 0. 0 0. 0 0. 0 0. 0 0. 0 0. 0 0. 0 T. 0. 6 | 11 6 8 5 8 11 12 7 3 7 5 8 | 10 14 12 19 17 13 10 17 20 14 16 10 | 6 11 5 10 8 14 11 7 10 9 | 4 9 7 | nw. |

KILLING FROSTS 1941

| | Stations | Last in Spring | First in Autumn | Stations | Last in Spring | First in Autumn |
|-------------|-------------------|-------------------|--------------------|---------------------|-------------------|--------------------|
| | Maryland | | | Maryland (con,t.) | | |
| | Aberdeen | Apr. 9 | Oct. 26 | Oakland | May 26 | Oct. 13 |
| | Annapolis | Mar. 30 | Nov. 25 | Ocean City | Mar. 30 | Nov. 11 |
| | Baltimore | Mar. 30 | Oct. 26 | Oxford | Mar. 30 | Nov. 13 |
| NT - 10 | Bell | May 13 | Oct. 17 | Perry Point | Apr. 9 | Oct. 26 |
| No. 13 | Blackwater | Apr. 9 | Oct. 26 | Picardy | May 13 | Oct. 17 |
| | Cambridge | Apr. 9 | Nov. 9 | Pleasant Hill | Apr. 9 | Oct. 26 |
| | Charlotte Hall | Apr. 3 | Oct. 29 | Pocomoke City | Mar. 31 | Nov. 10 |
| | Cheltenham | Apr. 9 | Oct. 26 | Prettyboy Dam | Apr. 3 | Oct. 26 |
| precipi- | Chestertown | Apr. 9 | Oct. 29 | Princess Anne | Apr. 9 | Oct. 17 |
| were low | Chewsville | May 13 | Oct. 17 | Ridgely | Apr. 9 | Oct. 26 |
| Mere TOM | Coleman | Mar. 31 | Oct. 29 | Rock Hall | Mar. 31 | Oct. 29 |
| | College Park | May 13 | Oct. 17 | Salisbury | Apr. 9 | Oct. 26 |
| ely cold; | Conowingo Dam | Apr. 9 | Oct. 17 | Silver Spring | Mar. 31 | Oct. 26 |
| ovember | Crisfield | Mar. 31 | Nov. 13 | Sines | May 26 | Oct. 12 |
| | Cumberland | May 13 | Oct. 26 | Snow Hill | May 13 | Oct. 17 |
| l October | Darlington | Apr. 9 | Oct. 17 | Solomons | Mar. 31 | Nov. 25 |
| | Dundalk | Mar. 30 | Oct. 26 | State Sanatorium | Apr. 3 | Oct. 17 |
| the least | Easton | Mar. 31 | Oct. 29 | Stevensville | Mar. 31 | Nov. 11 |
| | Elkton | Apr. 9 | Oct. 26 | Takoma | Mar. 31 | Oct. 26 |
| omewhat | Emmitsburg | Mar. 31 | Oct. 17 | Tonoloway | May 13 | Oct. 12 |
| ecember. | Fallston | Mar. 31 | Oct. 26 | Towson | Mar. 31 | Oct. 26 |
| d central | Ferry Landing | Mar. 31 | Oct. 29 | Unionville | May 13 | Oct. 17 |
| | Frederick | Apr. 25 | Oct. 17 | Western Port | May 13 | Oct. 17 |
| of Wash- | Friendsville | May 25 | Oct. 17 | Westminster | Apr. 25 | Oct. 17 |
| hey were | Frostburg | May 13 | Oct. 17 | Woodstock | May 13 | Oct. 17 |
| esapeake l | Georgetown | Apr. 3 | Oct. 26 | Washington, D. C | Mar. 30 | Oct. 26 |
| Competition | Germantown | Apr. 3 | Oct. 26 | Delaware | | |
| | Great Falls | Apr. 9 | Oct. 26 | Bridgeville | May 13 | Oct. 26 |
| deficient | Huntingtown | Apr. 3 | Oct. 26 | Delaware Breakwater | Mar. 30 | Dec. 8 |
| ber, and | Keedysville | May 13 | Oct. 17 | Delaware City | Mar. 31 | Nov. 11 |
| nts were | La Plata | Apr. 9 | Oct. 29 | Dover | Mar. 31 | Oct. 29 |
| | Laurel | Apr. 3 | Oct. 26 | Milford | Apr. 9 | Oct. 26 |
| tion and | Leonardtown | Apr. 9 | Nov. 11 | Millsboro | Apr. 9 | Oct. 26 |
| tween 30 | Lutherville | Apr. 9 | Oct. 26 | Newark | | Oct. 26 |
| | Maryland Line | | Oct. 26 | Odessa | | Oct. 29 |
| | Millington | Apr. 9 | Oct. 26 | Wilmington | Apr. 8 | Oct. 26 |
| hine was | Mt. Savage Summit | May 12 | Oct. 26 | <u> </u> | | |
| | | | | | | |

COMPARATIVE DATA FOR THE YEAR

| | | FOR | MARY | LANI |) | 1 | | I | OR I | DELAW | ARE | | | | |
|---|---|--|--|--|--|---|--|---|--|--|---|--|--|--|--|
| -1 | Ten | perat | ure | Pre | cipita | 1 | | nperat | ure | Precipitation | | | | | |
| Year | Mean | Highest | Lowest | Average | Average Average snowfall | | Mean | Highest | Lowest | Average | Average | No. of days with .01 in. or more | | | |
| 1895 1896 1896 1897 1898 1897 1898 1900 1900 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1911 1911 1911 1918 1914 1916 1917 1918 1919 1922 1923 1924 1925 1928 1928 1929 1929 1921 1928 1928 1928 | 58. 2 59. 3 55. 2 59. 3 55. 2 59. 3 55. 2 59. 3 55. 2 59. 3 | 102 100 102 109 102 106 104 101 101 102 103 104 102 102 102 102 103 104 104 107 109 105 109 109 109 109 109 109 109 109 109 109 | -18 -13 -13 -12 -20 -20 -20 -20 -20 -20 -20 -20 -20 -2 | 34. 67(38. 69) 44. 55 44. 78 36. 52 49. 49. 11. 78 36. 52 49. 41. 78 36. 52 49. 41. 78 36. 52 49. 41. 79 36. 52 52 49. 41. 79 36. 52 52 49. 41. 41. 55 52 52 52 52 52 52 52 52 52 52 52 52 | 35. 9 8 23. 8 4 6. 9 40. 40. 40. 40. 40. 40. 40. 40. 40. 40. | S | 53. 8 55. 0 55. 1 56. 4 56. 8 56. 7 56. 2 56. 9 56. 5 56. 5 56. 5 56. 9 56. 7 56. 7 57. 3 56. 7 57. 3 56. 9 56. 9 56 | 101 103 97 99 100 104 104 104 109 99 101 102 99 100 107 105 107 100 107 100 107 100 107 100 107 100 107 100 107 100 107 100 107 100 107 100 107 100 107 100 107 100 107 100 107 100 107 100 100 | -4 0 3 3 1 6 -1 1 -1 0 -6 6 1 1 -1 1 6 6 1 -1 1 6 6 1 -1 1 6 6 1 -1 1 6 6 1 -1 7 -7 7 -7 | 87, 13 40,99 44,111 88,121 99,88 81,21 91, | 19.9 13.16 10.7 22.5 24.6 10.7 22.5 24.6 10.7 11.1 12.5 25.5 26.6 27.7 11.1 12.5 13.1 17.2 17.3 19.8 11.7 17.1 18.0 19.8 11.7 11.8 11.8 11.7 11.8 11.7 11.8 | 95 -96 196 191 198 199 196 | | | |

| | | , | | | Clima | atologica | ıl Da | ta for th | ne Y | ear 194 | 11 | | | | | 1 | | | | · |
|---|---|--|--|---|--|--|--|--|---|---|---|---|--|--|--|---|--|--|---|---------------------------------|
| | | | l | empe | rature | , degrees | Fahre | nheit | | | | ecipitati | on | | , | <u> </u> | | Sky | | uo |
| Stations | Counties | Elevation, fect | Length of record, years | Annual mean | Highest | Date | Lowest | Date | Length of record, years | 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 Annapolis Baltimore (U.S.W. B.) Bell § Black water § Cambridge (near) Charlotte Hall | St. Marys | 5 13 167 | 23 76 71 21 1 48 18 | 55. 2 57.0 58. 3 54. 9 56. 7 56. 9 | 100 -98 103 -98 99 98 | July 28 May 28† July 28 May 22† Oct. 6 July 28 July 2 | 18 14 | Jan. 14† Mar. 18 Mar. 18 Jan. 21 Jan. 8† Jan. 21 | 68 71 21 1 48 20 | 29.50 28.27 34.73 34.39 41.43 31.01 | 5. 36 5. 46 7. 77 8. 16 9. 10 4. 24 | June June June July July July | 0.09 0.08 0.50 0.21 0.16 0.88 0.21 | Sept. Sept. Sept. Sept. Sept. Sept. Sept. | 17. 9 18. 4 22. 5 16. 1 13. 5 15. 7 | 89 89 90 93 78 88 | 138 136 144 162 223 197 | 121 125 111 111 83 95 | 106 104 110 92 59 73 | sw. nw. sw. nw. |
| Chestertown Chewsville Clear Spring Coleman § College Park Conowingo Dam Crisfield | do Kent Prince Georges Harford Somerset | 5 | 36 44 38 42 55 6 22 | 55. 2 55. 2 52. 6 56. 2 55. 8 53. 7 59. 1 | 98 101 99 102 98 99 101 95 | July 28 July 28 July 28 July 28 July 28 July 27 July 28 July 2 July 2 July 28 | 12 14 7 · 5 14 12 11 21 | Dec. 21 Jan. 14 Mar. 10 Mar. 18 Mar. 18 Jan. 21 Jan. 30 Feb. 10 | 41 36 44 42 44 55 6 22 71 | 31.38 32.36 28.45 31.04 32.17 34.46 34.78 | 5. 08 4.72 3.71 5.72 4.70 6.82 5.88 7.95 | June June Aug. Aug. June July July July | 0.55 0.02 0.45 0.29 0.27 0.24 1.20 0.41 | Sept. Sept. Feb. Sept. Sept. Sept. Sept. | 18.5 22.3 25.0 23.2 16.6 21.5 10.2 | 118 54 93 78 96 86 82 | 168 178 140 187 159 157 167 | 108 108 162 99 122 114 129 | 89 79 63 79 84 94 69 | nw. nw. sw. nw. |
| Cumberland Darlington Dundalk Easton Edgemont Elkton Emmitsburg(near). | Allegany Harford Baltimore Talbot. Washington Cecil Frederick Harford | 12 35 920 28 720 450 | 59- 51 7 51 15 74 72 | 53.9 54.0 56.8 56.7 54.6 54.2 54.7 | 103 100 104 97 100 *98 97 100 | July 1 July 28 July 28 July 2 July 28 July 28 July 28 July 28 July 28 July 28 | | Feb. 20 Jan. 80 Mar. 18 Feb. 10† Jan. 29 Feb. 10† Jan. 14† | 50 7 51 3 15 75 72 | 27.64 32.86 29.55 39.78 25.58 37.01 32.12 30.93 32.93 | 5.62 5.40 5.22 6.84 3.53 6.24 *4.50 4.50 | June June June July Dec. July June Dec. June | 0.22 0.61 0.38 0.15 0.30 0.38 0.45 0.46 0.23 | Sept. Sept. Sept. Sept. Sept. Sept. Sept. Sept. Sept. | 29.5 22.5 20.3 19.0 31.5 23.7 29.2 21.1 16.2 | 83 81 91 86 82 84 89 95 | 187 150 137 220 208 187 136 185 | 88 129 125 80 74 114 154 92 | 90 86 103 65 88 64 75 | nw. nw. nw. |
| Hancock | Calvert. Frederick Garrett Allegany Cecil Montgomery do Washington | 1, 950 25 460 200 428 | 25 72 23 37 5 1 45 | 57.3 54.9 49.4 51.6 56.1 | 100 94 94 98 99 100 | Aug. 9 July 28 July 27 July 27† July 28 July 28 July 2 | 15 11 -2 3 14 | Jan. 21 Mar. 18 Jan. 8† Jan. 21† | 5 1 53 32 | 28. 92 45. 83 32. 05 31. 49 29. 70 29. 06 | 5. 18 3.67 10.09 7.01 4.81 5.47 5. 19 4.87 | Apr. June June June June June July June | 0. 86 1.28 0.35 T. 0. 95 0. 58 0. 27 | Sept. Feb. Sept. Sept. Sept. Sept. Sept. Feb. | 25.6 66.6 42.3 24.2 21.2 26.3 | 103 121 101 67 90 98 91 | 171 134 171 212 | 122 84 92 73 | 88 72 147 102 80 | w. nw. s. nw. |
| Huntingtown Keedysville Laurel Leonardtown Luke: Lutherville Maryland Line Millington Mt. Savage Sumnit \$1. | Washington Prince Georges St. Marys Allegany Baltimore do Kent | 160 420 300 50 950 340 840 27 | 17 15 17 44 | 56.1 54.2 55.5 57.6 53.4 55.5 | 98 103 100 99 100 97 99 | July 28 July 28 July 28 July 28 July 28 July 28 July 28 July 28 | 15 8 12 15 8 9 | Jan. 21 Jan. 30 Jan. 21 Feb. 20 Jan. 29 Mar. 18 Jan. 29 | 38 47 15 4 15 17 43 | 31.80 30.12 27.42 36.47 32.97 31.61 30.51 | 6. 19 5.00 3. 93 8. 61 6. 40 5. 15 4. 52 4. 39 | July June June July July June June June | 0. 22 0.16 0. 34 0. 01 0. 41 0. 72 T. | Sept. Feb. Sept. Sept. Sept. Sept. Sept. | 16.3 24.9 16.9 13.1 31.4 32.6 20.4 | 99 90 92 106 84 79 | 199 177 170 191 197 210 | 95 123 110 104 88 75 | 71 65 85 70 80 80 | nw. nw. sw. |
| Mt. Savage Summit § 1. Oakland Ocean City Oxford Perry Point Picardy § Pleasant Hill§ Pocomoke City | Garrettdo | 2, 420 10 10 40 1, 030 660 37 | 5 43 3 5 15 | 46.4 47.8 56.4 58.4 52.9 | 88 91 99 100 95 | July 1 July 27 July 28 July 28 July 1† May 28† | 19 | Mar. 18 Jan. 21† feb. 28 Mar. 18 Mar. 18 | 3 5 1 15 17 33 | 31.41 46.85 26.88 34.59 33.39 28.50 34.94 | 6.83 9.71 3.51 6.51 5.75 6.63 4.73 7.68 | June June Feb. July June July June July | 0.45 1.02 0.75 0.53 0.16 0.43 0.48 0.06 | Sept. Feb. Nov. Sept. Sept. Sept. Sept. Sept. | 51.4 60.6 14.2 9.9 28.5 27.2 13.5 | 121 150 83 91 82 103 82 | 112 122 165 220 182 192 151 | 105 98 123 86 103 93 138 | 148 145 77 59 80 80 76 | w. w. sw. w. uw. sw. |
| Poolesville Prettyboy Dam Princess Anne Ridgely Rock Hall Salisbury Silver Spring | Montgomery. Baltimore. Somerset Caroline. Kent Wicomico Montgomery. | 20 31 310 | | 53. 6 56. 4 56. 7 | 96 98 98 99 98 97 | July 28 July 28 May 22 July 27 July 28 July 28 July 28 | 12 12 16 16 16 | Jan. 21 Jan. 14 Jan. 8 Jan. 14 Feb. 19 | 11 48 | 31.72 36.84 34.76 | 4.62 8.98 6.09 4.15 6.20 6.14 | June July July June July July July July | 1. 18 0. 49 T. 0.03 | Sept. Sept. Sept. Sept. Sept. Feb. | 30.6 16.0 20.5 | 84 75 84 90 155 | 137 182 163 128 | 166 103 117 89 | 62 80 | nw. sw. |
| Sines (Deep Creek) \$. Snow Hill Solomons. State Sanatorium Stevensville. Takoma Tonoloway \$. Towson | Garrett Worcester Calvert Frederick Queen Annes Montgomery Washington Baltimore | 20 20 1,460 12 320 550 475 | 26 50 | 46. 9 55. 8 58. 8 53. 1 57. 0 56. 7 52. 5 | 93 97 98 97 *99 98 98 | July 1 Oct. 6 July 2 July 27 July 28 July 27 July 27 | -10 15 19 6 16 12 7 | Jan. 21 Mar. 18 Mar. 18 Mar. 18 Mar. 18 Jan. 21 | 26 50 83 15 43 18 30 | 43.14 38.08 35.73 32.94 32.11 35.60 28.84 30.01 | 9.00 8.22 9.22 4.96 *5.17 7.20 5.23 4.52 | July July Dec. June June June June June June June | 1.25 0.50 0.02 0.82 0.21 0.54 0.19 0.30 | Sept. Sept. Sept. Sept. Sept. Sept. Sept. Sept. Sept. | 74.2 15.2 10.7 29.1 20.7 12.7 29.6 28.8 25.9 | 83 80 91 86 88 81 92 86 | 151 204 177 182 155 193 163 183 | 134 93 123 105 128 98 118 111 | 148 80 68 65 78 82 74 84 | nw. nw. |
| Western Port Westminster Williamsport | Carroll | 1,000 770 360 415 | 48 32 | 53. 0 53. 8 54. 0 53. 7 57. 7 | 98 99 99 99 | July 28 July 1 July 28 July 2† July 28 | 10 10 15 | Jan. 29 Mar. 18 Mar. 18 Jan. 21 Mar. 18 | 48 | 29.48 35.73 31.76 33.17 29.89 29.17 | 5. 87 8. 49 5. 96 4. 34 5. 74 5. 67 | July June June June June July | 0.90 0.51 0.82 0.22 0.69 0.53 | Sept. Sept. Sept. Feb. Sept. | 25. 9 36. 7 28. 9 27. 2 22. 4 16. 6 | 103 81 105 100 96 | 198 178 178 | | 71 66 81 101 | w. nw. nw. |
| Bridgeville Delaware Breakwater Delaware City Dover Milford Millsboro Newark (Pumping Sta.) | New Castle | 40 10 84 20 20 110 | 6 55 54 49 49 | 55.6 55.7 56.3 56.8 56.3 | 98 95 98 100 99 99 | May 22† July 28 July 2† July 28 May 22† May 28 | 16 16 15 14 | Feb. 11 Jan. 14† Feb. 10 Jan. 14† Feb. 11 Feb. 11 | 55 54 60 49 10 | 34.41 27.84 32.43 32.21 41.71 | 7, 78 5, 07 5, 48 5, 60 7, 52 6, 33 6, 72 | July June June June July July July | 0. 13 0. 22 0. 10 T. T. T. 0. 54 | Sept. Sept. Sept. Sept. Sept. Sept. Sept. | 16.0 8.0 24.2 17.7 14.5 | 87 89 89 90 92 80 | 205 159 212 207 192 | 103 137 76 90 118 | 57 69 77 68 55 | nw. sw. nw. nw. |
| Newark (Univ. Farm). Odessas. Wilmington %6. Wilmington %6. For Maryland and District of Columbia. For Delaware For entire section. | do | 110 20 42 260 | | 54. 8 55. 3 54. 6 54. 9 55. 7 55. 0 | 99 99 98 104 100 104 | July 2† July 2† July 2† July 28 July 28 July 28 July 28 July 28 | . . | Jan. 30 | 29 5 48 30 | 32. 26 31. 35 34.17 33. 20 32. 74 33. 94 32. 89 | 7. 03 4. 51 5. 88 5. 66 10. 09 7. 78 10. 09 | July July July July June June June | 0.51 T. 0.43 0.73 T. T. | Sept. Sept. Sept. Sept. Sept. Sept. Sept. | 20. 4 21. 8 19. 2 21. 1 24. 9 18. 2 | 89 83 99 105 91 92 91 | 205 209 208 208 208 171 198 172 | 80 80 81 81 110 95 109 | 80 76 76 76 76 84 72 84 | nw. nw. nw. nw. nw. |

| | | Mont | hly | and A | Ann | ual P | recip | itati | on f | or the | Yes | ar 19 | 41 v | vith] | Depa | rture | s fr | om th | e No | orma | <u> </u> | | | | 1 | |
|--|----------------------------------|--|---|---|---|--|----------------------------------|-------------------------|----------------------------------|--|----------------------------------|----------------------------------|----------------------------------|--|------------------------------|--|------------------------------|--|------------------------------|---|------------------------------|--|----------------------------------|-------------------------|--------------------------------------|--------------------|
| | Jan | uary | Feb | ruary | Ма | rch | Ap | ril | · M | ay | Ju | ne | Ju | ıly | Aug | gust | Sept | ember | Octo | obe r | 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 . | 1 | |] | | 1 | 1 | | | 1 | 1 1 | | 1 | - | | | 1 | _ | , | 1 | | <u> </u> | | | | | |
| Aberdeen Annapolis Baltimore (U.S.W.B.) Bell Beltsville Blackwater | 2.90 3.29 3.15 | -0.65 -0.21 -0.40 | 1.11 1.07 0.97 | 7 -1.44 1 -2.12 7 -2.32 7 -1.98 | 2.60 2.20 2.32 | -1.19 -1.51 -2.07 | 3.28 3.29 3.09 | -0.42 -0.05 -0.83 | 1.33 3.61 1.42 | -0.39 -2.21 +0.07 -2.04 | 5. 46 7.77 6. 55 | +1.89 +1.14 +3.89 +2.41 | *4.97 5.61 8.16 | +0.44 +0.97 +3.81 | 1.53 1.60 2.93 | -3.43 -2.77 -1.91 | $0.08 \\ 0.50 \\ 0.21$ | -3.37 -3.38 -2.87 -2.95 | 1.35 0.99 1.18 | -1.79 -1.90 -1.82 | 0.83 1.32 1.08 | -0.84 -1.74 -1.24 -1.52 | 2.83 3.48 3.33 | -0.71 +0.11 -0.05 | 28.27 34.73 34.39 | -16. -7. -8. |
| Beltsville Blackwater Cambridge (near) Charlotte Hall Cheltenham Chestertown Chewsville Clear Spring Coleman College Park Conowingo Dam Trisfield | 2, 90 2, 68 2, 97 | 0.59 -0.59 -0.56 | 1.98 *1.20 0.78 | 5 - 1.21 0 - 2.13 3 - 2.15 | 2. 43 *2. 30 2. 33 | -1.58 -0.94 -1.42 | 3.95 4.20 3.57 | +0.29 +0.40 -0.27 | 2. 14 1. 76 1. 72 | $ \begin{array}{r} -1.20 \\ -1.66 \\ -1.67 \end{array} $ | 3.15 2.96 5.08 | -0.73 -0.57 $+0.71$ | 9.10 4.24 5.07 | $\begin{array}{r} +4.86 \\ -1.24 \\ +0.76 \end{array}$ | 5.85 3.85 3,26 | +0.21 $+0.31$ -1.43 | 0.88 0.21 0.55 | -2.15 -2.57 -2.69 | 3. 28 2. 86 1. 25 | -0.03 -0.19 -1.62 | 1. 68 0. 96 1. 04 | -0.98 -1.42 -1.48 | 4.55 3.79 3.76 | +1.17 +1.00 +0.48 | 41.43 31.01 31.38 | 1. 9. 11. |
| Chestertown | 3.59 2.14 2.39 | +0.13 -0.70 -0.68 | 1.86 0.45 0.29 | $ \begin{array}{r} 6 -1.29 \\ -1.89 \\ -2.46 \end{array} $ | 2.88 1.65 2.45 | $ \begin{array}{r} -0.72 \\ -1.33 \\ -0.99 \end{array} $ | 2. 68 2. 62 3. 64 | -0.62 -0.31 $+0.18$ | 2.06 3.12 3.66 | -1.32 -0.28 -0.20 | 4. 72 3. 15 5. 35 | +0.88 -0.88 $+1.17$ | 4. 10 2. 32 3. 09 | -0.74 -1.60 -0.92 | 2.65 3.71 5.72 | -2.33 $+0.08$ $+1.67$ | 0.02 1.86 | -3.10 -1.22 | 2.31 1.25 | -0.50 -1.63 | 1.61 2.99 | -1.05 +0.94 | 3.88 3.19 | +0.46 +0.57 | 32.36 28.45 | -10. -8. |
| ColemanCollege ParkConowingo Dam | 3. 59 3. 13 3. 56 | +0.24 -0.10 | 1.88 0.81 1.28 | $\begin{bmatrix} -1.15 \\ -2.00 \\ 3 \\ \dots \end{bmatrix}$ | 2.54 2.07 1.85 | -0.97 -1.43 | 3. 11 2. 70 2. 82 | -0.83 -0.72 | 1. 79 1. 48 2. 70 | $-1.55 \\ -2.05 \\ \dots$ | 4. 70 6. 39 5. 49 | +1.00 +2.37 | 4. 57 6. 82 5. 88 | 0.00 +2.90 | 1.76 2.75 1.94 | -3.07 -1.66 | 0.27 0.24 1.20 | -3.09 -2.97 | 1. 46 1. 47 1. 64 | -1.42 -1.23 | 1. 64 1. 01 2. 11 | -0.90 -1.39 | 3.73 3.30 4.04 | +0.18 +0.10 | 31.04 32.17 34.46 | -11. -8. |
| Prisfield Cumberland Darlington | 3.82 2.37 3.67 | $\begin{array}{c} +0.61 \\ -0.31 \\ +0.17 \end{array}$ | 2. 37 0. 62 2. 30 | $ \begin{array}{c c} -1.00 \\ -1.72 \\ -0.79 \end{array} $ | 2. 59 1. 52 1. 92 | -0.75 -1.50 -1.53 | 4.57 1.88 2.67 | +0.99 -1.21 -0.69 | 3. 80 1. 59 2. 44 | +0.67 -1.74 -0.81 | 1. 01 5. 62 5. 40 | -2.76 + 1.50 + 1.42 | 7. 95 4. 93 4. 72 | $+3.80 \\ +1.85 \\ +0.24$ | 3.02 2.68 1.69 | -1.86 -1.12 -3.49 | $0.41 \\ 0.22 \\ 0.61$ | -2.20 -2.41 -2.91 | 0.89 0.69 1.36 | -2.12 -1.85 -1.88 | 0.88 2.99 2.08 | -1.46 +1.04 -0.58 | 3. 47 2. 53 •4. 00 | 0.08 0.18 +0.29 | 34. 78 27. 64 32. 86 | -6. $-7.$ $-10.$ |
| Dundaik Easton Edgemont | 3. 15 2. 49 | +0.06 | 2.20 0.30 | 0.71 | 2. 24 2. 30 1. 78 | -1.36 | 3. 28 3. 48 1. 98 | +0.12 | 2. 87 2. 59 2. 28 | -0.48 | 5. 22 5. 29 2. 57 | +1.27 | 4.36 6.84 2.71 | +2.62 | 5. 62 3. 19 | +0.91 | 0.38 | -3.00 | 1. 68 1. 55 | -1.60 | 1. 67 2. 05 | -0.89 | 2.87 4.81 3.53 | +1.65 | 29. 55 39. 78 25. 58 | -1. |
| Emmitsburg (near) Fallston | 3. 49 2. 89 3. 19 | +0.08 +0.68 | 0.83 1.31 | 3 - 2.22 $1 - 1.80$ $3 - 1.48$ | 2.39 1.94 | -1.59 -1.64 | 2.78 3.16 3.59 | -0.74 -0.52 | 2. 62 3. 30 2. 27 | -1.30 +0.01 | *4.50 4.21 | -0.11 +0.11 +0.93 | *3. 25 3. 65 4. 70 | -0.86 -0.51 | *3.62 2.23 | -0.82 -2.95 | 0.45 0.46 0.28 | -3.03 -3.19 -3.11 | 1. 27 | $ \begin{array}{r} -1.04 \\ -2.25 \\ -2.11 \\ -1.40 \end{array} $ | 2. 87 2. 10 0. 92 | +0.18 -0.65 -1.47 | 4. 05 4. 37 8. 96 | +0.74 +0.74 +0.77 | 32, 12 30, 93 32, 93 | -11 -13 -9 |
| Coleman College Park College Park College Park College Park College Park College Colle | 2. 90 3. 38 2. 70 3. 54 | 0 -0.33 -0.20 -0.71 | 0.86 1.50 0.78 2.30 | $ \begin{array}{c} -2.06 \\ -1.35 \\ -2.00 \\ 0 \\ 0 \\ 0 \end{array} $ | 2. 13 3. 20 1. 81 2. 04 | -1.35 -0.91 -1.89 | 3. 67 1.93 2.22 3. 02 | +0.28 -1.56 -1.56 | 2, 14 3, 78 2, 24 2, 45 | -1.30 +0.03 -1.59 | 3.00 10.09 7.01 4.81 | -1.30 $+5.38$ $+2.19$ | 3. 50 5. 38 4. 24 3. 96 | -0.58 +1.04 +0.43 | 2.81 6.13 3.58 2.20 | -1.54 +2.15 -0.42 | 1.08 1.28 0.35 T. | -1.97 -1.51 -2.65 | 1.23 4.41 1.60 1.35 | -1.80 +1.45 -1.56 | 1.95 2.42 2.87 2.26 | -0.40 -0.09 +0.49 | 3, 65 2, 33 2, 65 3, 56 | +0.40 -1.32 -0.24 | 28. 92 45. 83 32.05 31. 49 | -11 +3 -9 |
| Tancock | 2.90 | 1 +0.08 | 0.27 | 7 2 01 | 2.10 | -1.03 | 1 94 | -0.44 -1.49 | 2 46 | -0.79 | 4.30 | +0.40 | 9, 19 | 十1.20 | 2.71 | -1.41 -0.87 | 0.00 | -2.70 -1.87 | 1. 11 | -1.70 -2.25 | 2.70 | -0.90 -0.74 | 3. 71 | +0.37 | 29. 06 | -8 |
| Huntingtown Keedysville La Plata Laurel | 3. 12 | 2 -0. 23 3 -0. 44 | 0.16 | $\begin{bmatrix} -2.40 \\ -1.95 \\ -1.72 \end{bmatrix}$ | 1. 50 | 1.00 | 2. 10 | . 1. 01 | 2. 10 | 1. 00 | 3.00 | 1 0. 2.5 | 3. 04 | -0.20 | 3. 51 | 0.00 | 1.00 | 1.00 | 1.00 | 1. 75 | 1.00 | T 0.11 | 2.00 | 10.00 | | |
| Luke Lutherville | 2. 52 3. 40 3. 20 | 0. 44 00. 21 00. 65 | 0. 96 1. 35 1. 81 | 5 - 1.72 $5 - 1.80$ $1 - 1.59$ | 2.09 2.51 2.52 | -1. 62 -1. 26 -1. 21 | 1. 89 3. 50 2. 34 | -1.22 -1.01 | 2. 30 *2. 90 3. 64 | -0.49 | 6. 19 5. 15 4. 52 | +0.96 +0.38 | 6.40 3.25 3.90 | -0.20 | 4.37 | -0. 92 | 0.41 | -2.72 | 0.98 | 0.42 | 3.05 | -0.33 | 1.86 | -0.04 | 32. 97 31. 61 | -13 |
| aurel | 3. 70 2. 45 3. 68 | +0.24 -0.11 | 2.09 0.79 1.02 | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | 1.74 1.34 2.67 | -2.10 -1.33 | 2.64 2.16 2.36 2.53 | -0.88 -1.56 | 2.44 1.39 2.88 | -0.79 -1.49 | 4. 39 6. 83 9. 71 | +0.82 +4.93 | 4. 14 4. 95 7. 94 | -0.58 +3.28 | 2. 15 3. 58 6. 02 | $-2.67 \\ +1.74$ | T. 0. 45 1. 44 | -3.39 -1.63 | 1.50 2.32 3.78 | -1.53 +0.48 | 2.08 2.39 2.62 | -0.57 -0.20 | 3.64 2.83 2.73 2.57 | -0.08 | 30, 51 31, 41 46, 85 | -12 +0 |
| Oxford | 2.36 | 6 | 0. 52 | 0 2 −1.55 | 2. 29 1. 98 | -i. 03 | 3. 48 2. 89 2. 23 | —1.5i | 1. 86 3.12 2. 66 | -0.48 | 4. 93 5. 75 4. 85 | +0.91 | 6. 51 3. 57 6. 63 | +3.49 | 3.75 3.04 4.90 | +1.02 | 0.53 0.16 0.43 | | 1.94 1.08 1.54 | -1.64 | 1.58 2.13 2.43 | +0.29 | 3. 76 3. 80 2. 91 | +0.54 | 34. 59 33. 39 | —2 |
| Pocomoke City | 3.18 3.51 3.07 | +0.47 | $ \begin{array}{c c} 1.78 \\ 2.94 \\ 0.97 \end{array} $ | -1.47 4 -0.25 | 3.10 1.89 | -1.18 -0.70 | 2.98 3.42 | -0.38 -0.03 | 1. 57 3. 12 | -1.86 +0.36 | 4. 73 2. 94 | +0.71 -0.83 | 2.88 7.68 | -1.66 + 3.87 | 1.76 3,33 | -3.10 -0.94 | 0.48 | -2.86 -3.25 | 0.92 | -1.35 -2.06 | 0.54 | -1.70 -1.81 | 3. 38 3. 38 | +0.16 | 34.94 | 5 |
| Prettyboy Dam Princess Anne Nidgely Rock Hall Alisbury Silver Spring Silver Spring Sines (Deep Creek) Snow Hill Solomons State Sanatorium Stevensville Rakoma Conoloway Towson Jnionville | 3. 49 3. 25 | +0.28 +0.17 | 2. 41 1. 98 | 0.86 8 -0.81 | 2. 49 | -1.35 -1.33 | 3. 70 | +0. 19 -0. 29 | 3. 17 1. 78 2. 08 | -0.02 -1.54 -1.21 | 2.84 5.80 4.15 | -1.17 $+2.01$ $+0.50$ | 8. 98 6. 09 3. 50 | +4.83 +1.72 -0.90 | 2.78 2.82 2.75 | $ \begin{array}{r} -2.52 \\ -2.10 \\ -2.08 \end{array} $ | 0. 49 T. •0. 03 | $ \begin{array}{r} -2.41 \\ -3.12 \\ -3.29 \end{array} $ | 2.38 2.10 1.72 | -0.72 -0.88 -1.22 | 0.92 | -0.70 -1.44 -0.68 | 3. 19 .8. 83 | -0.16 +0.5 | 36. 84 7 34.76 | -5 -6 |
| Salisbury Silver Spring Sines (Deep Creek) Snow Hill. | 3. 40 2.88 3. 25 3. 90 | 0+0.08 0+0.65 0+0.70 | 2,60 1,18 1,25 | 0 - 0.63 3 $5 - 2.03$ $1 - 0.17$ | $ \begin{array}{c c} 2.80 \\ 2.15 \\ 2.32 \\ 2.76 \end{array} $ | -1.08 -1.93 -0.72 | 3. 65 2. 78 2. 21 3. 50 | +0.41 -2.14 $+0.38$ | 1. 80 1. 90 3. 30 | -1.32 -0.98 +0.23 | 3. 35 5. 62 9.00 | -0.37 +4.03 +1.49 | 6, 20 6, 14 5, 13 8, 22 | +2.24 +0.67 +4.62 | 2. 91 5. 57 | +1.52 | 0. 53 1. 77 | -1. 16 | 1, 55 4, 53 1, 84 | +0.81 | 0. 98 2. 28 | -0.57 | 2. 53 3. 43 | -0.78 | 31. 92 343. 14 | -8 -8 |
| olomons tate Sanatorium tevensville | 2, 54 3, 45 *3, 10 | $ \begin{array}{c} -0.28 \\ +0.04 \\ -0.67 \end{array} $ | 1. 47 0. 82 *1. 80 | 7 - 1.12 $2 - 2.04$ $3 - 1.55$ | 2. 38 2. 53 2. 76 | -0.94 -0.97 -1.20 | 4.26 2.81 3.20 | +1.28 -0.71 -1.21 | 1.61 2.52 2.60 | -1.25 -1.64 -1.11 | 3, 66 4, 31 *5, 17 | +0.54 -0.51 $+1.46$ | 9. 22 2. 42 4. 33 | +5.09 -1.60 +0.32 | 2.74 3.89 1.73 | $ \begin{array}{r} -1.47 \\ -0.47 \\ -3.09 \end{array} $ | 0.02 0.86 0.21 | -2.62 -2.74 -2.63 | 2. 62 1. 58 1. 92 | +0.23 -1.99 -1.29 | 1,28 2.84 1.55 | -0.56 +0.25 -1.09 | 3.93 4.96 3.74 | +1.21 +1.80 +0.89 | 35.78 32.94 32.11 | +(-10 -11 |
| Takoma Tonoloway Towson Jnionville | 2.93 2.22 3.42 | $ \begin{array}{c c} & -0.55 \\ & -0.30 \\ & -0.02 \end{array} $ | 1.42 0.19 1.29 | $ \begin{array}{c} -1.45 \\ -2.01 \\ -1.61 \end{array} $ | 2.52 1.90 2.26 | $ \begin{array}{c} -1.01 \\ -1.19 \\ -1.20 \end{array} $ | 2.65 2.21 3.31 | -0.76 -1.59 -0.21 | 2. 20 2. 72 2. 62 | -1.00 -0.58 -0.57 | 7. 20 5. 23 4. 52 | +3.37 +0.85 +0.65 | 6. 34 4. 39 3. 57 | +2.31 $+0.98$ -0.76 | 3. 61 3. 23 2. 12 | -0. 62 0. 00 -2. 72 | 0.54 0.20 0.30 | -2.57 -2.72 -2.85 | 1. 97 1. 21 1. 30 | -0.66 -2.29 -1.82 | 1.03 2.22 1.67 | $ \begin{array}{r} -1.23 \\ -0.10 \\ -1.02 \end{array} $ | 3. 19 3. 12 3. 63 | -0.23 +0.83 +0.33 | 35. 60 528. 84 30. 01 | 1 |
| Western Port | 2. 61 2. 58 2. 89 | +0.01 -0.85 | 1.28 1.31 0.22 | 5 31.01 11.81 2 51.34 | 2. 28 2. 58 2. 27 | -0.63 -0.92 | 1. 99 3. 06 2. 39 | -1.00 -0.26 | 2. 22 2. 22 2. 16 3. 24 | -1.39 -1.25 | 5. 70 5. 58 5. 96 4. 34 | +1.57 +1.78 | 8, 49 3, 57 3, 03 | +4.90 -0.48 | 2.46 4.36 2.86 4.06 | +0.76 -2.03 | 0.90 0:51 0.82 2.68 | -2.05 -2.88 | 1.72 1.17 0.96 | -0.82 -1.94 | 2. 44 2. 26 3. 17 | +0.49 +0.01 | 3. 43 3. 43 3. 92 | -0.20 +0.00 | 29,40 0 35,73 6 31,76 33,17 | +(-10 |
| Washington (U.S.W.B.) | 3.04 | -0.51 | 0. 92 | 2 -2.35 | 2.57 | -1.18 | 2.73 | -0.54 | 1.58 | -2.12 | 4.38 | +0.25 | 5. 67 | +0.96 | 1, 92 | -2.09 | 0. 53 | —2. 7 1 | 1.08 | -1.76 | 0.81 | -1.56 | 3.94 | +0.6 | 29. 17 | -12 |
| Delaware Bridgeville Delaware Breakwater | 3.17 | -0.26 | 2.18 1.64 | 1.02 | 2.50 1.26 | -1.22 | 3. 33 3. 11 | +0.03 | 1, 28 1, 26 | -2. 12 | 4. 32 5. 07 | +0.44 | 7.78 4.81 | +2.85 | 2. 93 3. 41 | -1.71 | 0.13 0.22 | -2.87 | 2.01 1.62 | -1.10 | 1.39 0.96 | -1.05 | 3.44 2.27 | +0.09 | 34. 41 27. 84 | -9 9 |
| Oover | 3.54 4.71 4.82 | $\begin{array}{c} +0.03 \\ +0.22 \\ +0.99 \\ +1.29 \end{array}$ | 2. 18 2. 24 3. 19 | $ \begin{array}{c c} & -0.91 \\ & -1.05 \\ & -0.12 \end{array} $ | 2. 55 3. 17 3. 15 | -1.37 -1.06 -0.91 | 3. 30 4. 09 4. 46 | -0.22 $+0.47$ $+0.84$ | 1. 20 1. 87 1. 29 1. 06 | -1.74 -1.58 -2.16 -2.17 | 5. 48 5. 60 4. 88 5. 19 | +1.95 $+1.96$ $+0.86$ $+1.41$ | 3. 48 7. 52 6. 33 | -0.99 +2.98 +1.80 | 1.96 7.06 2.83 | -1.52 -2.70 $+2.14$ -2.54 | T. T. T. | -3.46 -2.81 -2.89 | 2. 22 1. 90 | -0.74 -1.37 | 1.99 | -0. 62 -1. 20 | 3, 55 3, 30 | +0.0 | 1 32. 21 7 41. 71 | -10 -1 |
| Delaware Bridgeville Delaware Breakwater Delaware City Dover Millsord Millsoro Newark(Pumping Station) Sewark(University Farm) Ddessa Wilm in (Municipal Bidg.) Wilm in (Porter Reservoir Or Maryland and Dis- | 3. 15 3. 44 3. 9 | +0.80 5 -0.13 | 1.61 1.96 2.08 | $ \begin{array}{c c} & -1.58 \\ & -1.23 \\ & -2.72 \\ $ | $ \begin{array}{c c} 2.77 \\ 1.87 \\ 2.42 \\ 2.09 \end{array} $ | -0.76 -1.66 | 2.82 2.66 2.54 | -0.79 -0.95 | 1. 85 1. 84 2. 32 | -1.65 -1.66 | 3. 74 3. 08 4. 44 | -0.05 -0.71 | 6.72 7.03 4.51 | +1.96 +2.27 | 2.34 2.40 2.39 | -2.36 -2.30 | 0. 54 0. 51 T. | -3.08 -3.11 | 1, 28 1, 22 1, 17 | -1.69 -1.75 | 2.77 2.70 2.19 | +0.25 +0.18 | 4.70 3.84 3.85 | +1.0 +0.2 | 8 35, 22 2 32, 26 . 31, 35 | -1 |
| Wilm'n (Municipal Bidg.) Wilm'n (Porter Reservoir) For Maryland and Dis- trict of Columbia | 3. 17 | -0.21 -0.31 -0.31 | 1. 35 | -1. 23 -1. 65 | 2.03 1.99 2.25 | -1.48 -1.52 -1.29 | 3. 34 2.90 2.94 | -0.08 -0.52 -0.62 | 1, 32 1, 42 2, 39 | -1.92 -1.82 | 3. 49 3. 61 5. 01 | -0. 44 -0. 32 +0. 99 | 5.88 5.66 5.18 | +0.84 +0.62 +0.90 | 3. 62 3. 21 3. 14 | -1, 27 -1, 68 -1, 34 | 0.43 0.73 0.57 | -3.11 -2.81 -2.75 | 1. 41 1. 94 1. 63 | -1.76 -1.23 -1.32 | 3.00 2.91 | +0.11 +0.02 -0.75 | 3. 78 3. 47 | +0.3 | 33.20 8 32. 74 | -1 - |
| trict of Columbia or Delaware or entire section | 3. 56 3. 12 | $\begin{bmatrix} 0.00 \\ -0.26 \end{bmatrix}$ | 2.11 1.46 | $\begin{vmatrix} -1.21 \\ -1.57 \end{vmatrix}$ | 2. 36 2. 26 | -1.45 -1.32 | 3.19 2.97 | 0. 39 0. 59 | 1.52 2.26 | -1.90 -1.22 | 4.45 4.92 | $^{+0.61}_{+0.92}$ | 5. 86 5. 28 | +1.14 +0.99 | 3. 14 3. 14 | -1.80 -1.40 | 0. 24 0. 52 | $-3.18 \\ -2.80$ | 1.58 1.63 | -1.50 -1.34 | 2.28 1.88 | -0.46 -0.71 | 3.70 3.50 | +0.3 +0.3 | 1 33. 94 3 32. 89 | = |

| Supplemental Table of Monthly and Annual Precipitation for the Year 1941 | | | | | | | | | | | | | | |
|--|----------------------|---|---|--|---|--|---|--|---|---|---|---|--|--|
| Stations | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Year | |
| Aberdeen Beltsville Boonsboro College Park Rohrersville Sines Unionville | 2,22 3,28 2,38 | 1. 33 0. 96 0. 32 1. 03 0. 33 1. 26 0. 83 | 1. 29 1. 89 1. 93 2. 09 2. 05 2. 32 1. 99 | 2.44 2.70 2.56 2.92 2.59 2.21 2.92 | 2. 56 1. 66 2. 44 1. 76 2. 19 3. 29 2. 21 | 5.36 6.39 4.17 5.50 4.31 8.97 3.47 | 4. 05 5. 69 1. 81 4. 41 2. 13 5. 02 5. 10 | 2. 65 3. 85 2. 44 4.35 3. 78 5. 49 2. 34 | 0. 13 0. 33 1. 26 0. 39 1. 30 1. 77 0. 82 | 1. 25 1. 41 1. 53 1. 20 1. 60 4. 60 1. 15 | 1. 48 0. 80 2. 01 1. 08 2. 06 2. 28 1. 58 | 3. 46 3. 27 3. 97 3. 27 4. 37 2. 53 3. 09 | 28. 87 32. 14 26. 66 31. 19 29. 09 42. 98 28. 26 | |

| Stations Stations | | | Mon | thly | and | Ann | ual M | [ean | Tem | pera | tures | for 1 | he Y | ear | 1941 | with | р Дер | artu | res f | rom | the N | Torm | al | | | | - |
|--|---|--|---|--|---|---|---|---|---|---|--|---|---|--|--|---|---|---|--|---|---|--|--|--|---|---|--|
| Aberdeen | | Jan | uary | Feb | ruary | Ma | arch | Aı | pril | M | lay | Ju | ne | Ju | ıly | Au | gust | Sept | ember | Oe | tober | Nov | ember | Dec | ember | An | nual |
| Aberdeen | Stations | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Température | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure |
| Woodstock | Aberdeen. Annapolis Baltimore (U.S. W. B.) Bell. Baltimore (I.S. W. B.) Bell. Charlotte Hall. Cheltenham Chewsville. Chestertown Colege Park. Conowingo Dam Crisfield. Cumberland Darlington Dundalk. Easton Elkton Emmitsburg (near) Faliston Ferry Landing Frederick Friendsville Frostburg. Georgetown. Gernantown Great Falls Huntingtown Keedysville La Plata. Laurel Leonardtown Lutherville Maryland Line Millington Mt. Savage Summit Oakland Ocean City Oxford. Pleardy Pocomoke City Poolesville Prettyboy Dam Princess Anne Ridgely Rock Hall Salisbury Silver Spring Sines (Deep Creek) Snow Hill Solomons. State Sanatorium Stevensville Takoma Tonoloway Unionville Western Port Western | 33. 4 34. 7 32. 4 35. 0 31. 6 31. 7 31. 7 31. 8 31. 9 31. 9 31 | 7 -1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1 | 0 33.3 32.4 4 33.5 33.5 33.5 33.5 33.5 33.5 33.5 | -2.8 -2.8 | 3 3.9 5 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | $ \begin{array}{c} -4.2\\ -2.2\\ -5.7\\ -6.8\\ -5.95\\ -6.1\\ -6.4\\ -6.2\\ -4.0\\ -6.8\\ -6.4\\ -6.2\\ -4.0\\ -6.8\\ -6.3\\ -6.7\\ -6.8\\ -6.3\\ -6.7\\ -6.8\\ -6.3\\ -6.7\\ -6.8\\ -6.7\\ -6.8\\ -6.7\\ -6.8\\ -6.7\\ -6.8\\ -6.7\\ -6.8\\ -6.7\\ -6.8\\ -6.7\\ -6.8\\ -6.7\\ -6.8\\ -6.7\\ -6.8\\ -6.7\\ -6.8\\ -6.7\\ -6.8\\ -6.7\\ -6.8\\ -6.7\\ -6.8\\ -6.7\\ -6.8\\ -6.7\\ -6.8\\ -6.8\\ -6.7\\ -6.8\\ -6.8\\ -6.7\\ -6.8\\ -6.$ | 59. 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | $\begin{array}{c} +6.84.4 \\ +4.4.4 \\ +5.01.6 \\ +5.4.5 \\ +5.5.0 \\ +5.5.0 \\ +4.5.01.6 \\ +5.5.0 \\ +4.5.01.6 \\ +5.5.0 \\ +4.5.01.6 \\ +5.5.0 \\ +4.5.01.6 \\ +5.01.6 $ | 66. 3 2 2 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | +1.9 +1.6 +1.6 +1.6 +1.6 +1.6 +1.6 +1.6 +1.6 | *72.73.6 1.77.1.6 6.75.75.70.6 1.77.1.70.6 1.77.1.70.6 1.77.1.70.6 1.77.1.70.6 1.77.1.70.6 1.77.1.70.70.70.70.70.70.70.70.70.70.70.70.70. | -1.0 -0.0 -0.1 -1.0 -1.0 -1.0 -1.0 -1.0 | *78.47.76.69.69.77.77.77.77.77.77.77.77.77.77.77.77.77 | $\begin{array}{c} +0.3\\ +0.2\\ -0.0\\ -0.1\\$ | 75. 0. 6. 4. 77. 6. 6. 77. 78. 6. 6. 77. 78. 6. 6. 77. 78. 6. 6. 77. 78. 6. 6. 77. 78. 6. 6. 77. 78. 6. 6. 77. 78. 6. 6. 77. 78. 6. 6. 78. 79. 79. 79. 79. 79. 79. 79. 79. 79. 79 | $ \begin{array}{c} -0.9 \\ -0.9 \\ -0.9 \\ -0.9 \\ -0.6 \\ -0.6 \\ -0.6 \\ -0.6 \\ -0.2 \\ -$ | 72. 2 69. 6 69. 5 2 69. 6 68. 2 2 69. 6 68. 2 2 69. 6 68. 6 69. 2 6 69. 6 68. 2 6 69. 6 68. 2 6 69. 6 68. 6 69. 2 68. 6 68. 2 68. 6 68. 6 69. 2 68. 6 68. 6 69. 2 68. 6 68. 6 69. 2 68. 6 68. 6 69. 2 68. 6 68. 6 69. 2 68. 6 69. 6 68. 6 69. 6 6 69. 6 6 69. 6 6 69. 6 6 6 6 | $\begin{array}{c} +2.4\\ +4.7\\ +0.9\\ +1.2\\ +2.5\\ +2.5\\ +3.0\\ +1.2\\ +3.0\\ +2.5\\ +1.2\\ +2.5\\ +1.2\\$ | 63. 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | $\begin{array}{c} +6.95 \\ +6.95 \\ +6.87 \\ +6.84 \\ +6.87 \\ +6.84 \\ +6.91 \\ +6.87 \\$ | 50.0 46.8 2 45.0 46.8 2 47.2 2 8 48.4 49.8 49.8 49.8 49.8 49.8 49.8 49 | +3.1 +3.2 +3.2 +2.3 +2.1 +3.2 +2.1 +3.2 +2.1 +3.2 +2.1 +3.2 +2.1 +3.2 +4.0 +4.1 +3.5 +1.7 +2.5 +1.5 +2.5 +1.5 +1.7 +1.8 +1.8 +1.8 +1.8 +1.8 +1.8 +1.8 +1.8 | 40, 40, 40, 40, 40, 40, 40, 41, 41, 42, 61, 42, 61, 42, 61, 42, 61, 40, 40, 41, 41, 41, 41, 41, 41, 41, 41, 41, 41 | +3.3.3.3.4.7.4.4.3.4.3.4.3.4.3.7.4.4.4.4. | 57. 36. 4. 9. 9. 56. 6. 5. 5. 6. 6. 5. 5. 6. 6. 7. 6. 5. 5. 6. 7. 6. 5. 5. 6. 6. 7. 6. 5. 5. 6. 6. 7. 6. 7. 6. | $\begin{array}{c} +1.2\\ +2.9\\ +0.5\\ -0.1\\ -0.1\\ +0.5\\ -0.1\\$ |

*Determined from surrounding stations.

(WBO, Richmond, Va., 4-14-42-1,500)

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February was windy; the second half of the month was cold; snowfall was moderate to heavy in western Garrett County on the 17th; snowfall was moderate in Calvert and St. Marys Counties and heavy on the Eastern Shore on the 28th. March was windy and snowy; snowfall was moderate to heavy over the southern portion and heavy (10 to 17 inches) over the northern portion of the section during the 7-8th. April was the first such month without any snow; the number of days with rain was the least in April since 1899; the 6th-22d was the longest dry spell of record in April; the 14-20th was summerlike. May was windy; damaging frosts occurred on the 13th in the interior of the southern Eastern Shore, in the valleys of north-central Maryland, and in western Maryland and on the 26th in the Allegheny Mountain region. June

was cool during the 1st-18th and warm thereafter; wet periods were May 29-June 5 and June 12-17. The first and second decades of July were wet; the third decade was dry, warm; and sunny. July 4 was wet and very cool; it was the coolest day of the month and the coolest July 4 of record. The first and third decades of August were warm; the second decade was cool. A drought prevailed during the second and third decades of September. The first half of October was very warm and sunny; how the the during the 4-7th, unprecedented for intensity and duration so late in the year, produced record high temperatures for October; drought continued, except in Garrett County. In November the second and third decades were sunny. December was featured by dense fog during the 2d-5th, and by heavy glaze on the 13th in western Maryland.—J. B. #.