# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU CHARLES F. MARVIN, Chief

## CLIMATOLOGICAL DATA

### VIRGINIA SECTION

#### EDWARD A. EVANS, Meteorologist

Vol. XXXVI

RICHMOND, VA., YEAR 1926

No. 13

#### GENERAL SUMMARY

The usual weather incident to the winter season prevailing in December, 1925, continued through January, and the first month of the year did not furnish any abnormal conditions until its close, when warmer weather, with above normal temperature, set in and continued, with short interruptions, through February. This warm period was followed by contrasting temperature conditions, diverting the usual upward trend of temperature in spring to a decline in that element, March, in some western localities of the State, being colder than February. Following this abnormal temperature condition, however, more seasonal weather obtained through the summer months, readings, as a rule, being above normal until November, when, in the interior of the State, there was a change to subnormal temperature that continued to the close of the year.

There was the usual amount of precipitation early in the year, but after the 25th of February, scantiness in the amounts deposited during the storm periods was a feature of the weather through the spring and first part of the summer season. With July, however, there was a return to nearly normal moisture conditions, and more generous amounts of rainfall was the rule through August, which furnished the largest amount for any single month. Excepting September, when rains were light, the remainder of the year furnished abundant moisture. Copious rainfall during December resulted in high water with flood stages the latter part of the month in many streams of the State.

The outlook for agriculture during the spring was not hopeful, owing to the reversal of the usual conditions of important weather elements; but a marked improvement came in June and July and crops developed rapidly under the very favorable weather conditions of the summer, the harvest of staple crops being very satisfactory.

Severe storms are noted in the monthly Climatological Data for June, July, and December.—H. A. F.

#### ERRATA, 1926

January.—Pages 2-3, Narrows, precipitation, 8th, should be 0.75; total, 3.25.

February.—Page 6, Williamsburg, precipitation departure should be -0.14; Cape Henry, snowfall should be 0.3.

March.—Page 10, Charlottesville, precipitation departure should be -1.67; Lynchburg, temperature departure should be  $-4.8^{\circ}$ .

June.—Page 22, Newport News, temperature departure should be  $+1.6^{\circ}$ ; precipitation departure should be -3.13; Mineral, precipitation departure should be -2.41.

July.—Page 26, Onley, mean temperature should be 79.0°; Blacksburg, mean temperature should be 72.0°; departure, +1.3°; Mendota, precipitation departure should be -0.73. Page 28, Blacksburg, maximum temperature, 29th, should be 80°; mean maximum should be 85.5°; mean minimum should be 58.6°.

August.—Page 30, Ashland, mean temperature should be 75.8°; departure should be +0.8°. Clarksville, mean temperature should be 77.9°. Fredericksburg, mean temperature should be 78.1°; departure, +3.3°. Middle Virginia, mean

temperature should be 76.7°. Page 32, Ashland, mean maximum temperature should be 86.9°; mean minimum temperature should be 64.6°. Clarksville, mean minimum temperature should be 69.7°.

September.—Page 34, Ashland, mean temperature should be 70.1°; departure, -1.0°. Cape Henry, mean temperature should be 72.7°; departure, -0.9°; minimum temperature should be 59° on 13th. Runnymede, highest temperature should be 92° on 2d. Saltville, highest temperature should be 92°. Page 36, Ashland, mean minimum temperature should be 59.3°. Cape Henry, minimum temperature on 13th should be 59°; monthly mean minimum temperature should be 67.1°.

(Continued on page 51)

#### CLIMATOLOGICAL DATA, 1926

	Ten	nperat	ure	Pre	cipitat	ion	Number of days					
Month	Mean	Highest	Lowest	Average	Greatest 24- hour rain	Average snow-fall	Rainy	Clear	Partly cloudy	Cloudy		
January February March April May June July August September October November December	40.1 41.0 52.5 64.1 69.7 76.5 76.8 70.5 58.3	72 76 85 92 95 99 107 106 96 93 79	-6 -5 3 14 24 30 31 44 37 20 0	3. 73 3. 71 2. 48 1. 95 2. 24 2. 15 4. 21 5. 80 2. 76 3. 21 4. 41 4. 95	2.50 2.13 1.25 1.36 2.30 2.56 4.50 3.85 2.56 3.00 4.21 2.50	6. 1 4. 5 3. 7 1. 5 0. 0 0. 0 0. 0 0. 0 T. T. 0. 7	9 10 10 7 8 9 10 12 8 9 8	12 11 13 15 16 12 15 14 10 14 15	7 8 10 8 10 9 8 9 8 9 9 8 5	12 9 8 7 5 9 8 11 9		

### COMPARATIVE ANNUAL DATA

Year	Mean tempera- ture	Highest	Lowest	Average pre- cipitation	Average snow-fall	No. of rainy days	No. of clear days	No. of partly cloudy days	No. of cloudy days
1892 1893 1894 1895 1896 1897 1898 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1917 1908 1909 1919 1911 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1922 1923	54. 8 55. 1 54. 6 56. 4 56. 4 56. 5 56. 5 56. 6 67. 0 68. 8 67. 0 68. 8 67. 0 68. 8 67. 0 68. 8 67. 0 68. 8 67. 0 68. 8 69. 8 69	106 104 106 107 105 103 105 106 107 106 108 109 109 102 102 102 102 103 104 105 106 107 107 109 109 109 109 109 109 109 109 109 109	-8 -26 -26 -11 -18 -10 -15 -9 -8 -14 -15 -15 -14 -15 -15 -2 -16 -2 -2 -3 -17 -5 -11 -27 -22 -16 -9 -12 -17 -22 -16 -19 -12 -14 -16 -16 -17 -12 -14 -16 -16 -17 -17 -18 -17 -18 -18 -18 -19 -18 -19 -19 -19 -19 -19 -19 -19 -19 -19 -19	40. 01 46. 83 35. 97 38. 09 42. 89 40. 81 44. 80 43. 18 89. 33 50. 17 51. 42 44. 85 44. 86 44. 19 45. 21 39. 81 41. 50 39. 19 45. 21 39. 36 44. 43 45. 21 39. 36 44. 43 45. 44 44. 43 44. 44. 43 44. 44. 43 44. 44. 43 44. 43 44. 43 44. 43 44. 44 47. 43 48. 44 48. 44 47. 43 48. 44 48. 44 48. 44 48. 44 48. 44 48. 44 48. 44 48. 44 48. 44 48. 47 48. 48 48. 48 48 48. 48 48 48 48 48 48 48 48 48 48 48 48 48 4	23.1 17.0 38.8 8.1 12.3 8.8 7.1 18.6 9.5 14.9 9.5 11.4 9.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10	95 103 88 89 94 93 92 108 86. 100 95 96 911 112 115 110 101 112 115 103 114 105 106 101 101 104 105 98 112 105 98 112	163 156 174 163 171 162 176 181 167 170 170 170 170 170 161 165 162 178 162 161 162 161 162 162 161 165 162 162 163 164 165 165 166 167 168 168 169 169 169 169 169 169 169 169 169 169	101 100 104 103 106 99 101 99 101 120 121 120 115 108 104 106 106 107 98 107 107 99 109 101 116 106 107 99 107 107 107 107 107 107 107 107 107 107	102 1099 1099 1099 1099 1099 1099 1099 1
Normal and extremes	55.7	108	-29	42.38	17.9	102	164	102	99

#### Climatological Data for the Year 1926

			-	Tempe	erature	e, degrees	Fahre	nheit			Pre	ecipitat	ion	<del></del>		ħ.	1	Sky		Ę
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
Tidewater Virginia																				
Ashland Cape Henry Christ Church Dahlgren Diamond Springst;	Middlesex   King George	221 20 87 21 25	33 53 3 7 18	54. 6 58. 6 54. 5 60. 1	101 101 101 97 100	July 22 Aug. 14 July 22 July 21* July 22*	0 19 11 6 18	Dec. 19 Jan. 29 Jan. 29 Dec. 19 Jan. 29	33 53 3 7 18	47. 86 38. 07 44. 24 36. 92 40. 21	9. 36 5. 44 5. 36 5. 42 6. 40	July Aug. Dec. July Aug.	1.83 1.74 1.74 1.26 1.20	Mar. Sept. Mar. May Oct.	12.9 11.6 5.4 8.1 T.	129 116 121 119	147 137 94	103 118 153	115 110 118	ne. sw. ne. nw. sw.
Franklin Hopewell Langley Field†† Newport News Norfolk	Southampton Prince George Elizabeth City Warwick Norfolk	21 40 5 13 691	8 10 7 22 56	59. 2 58. 1 60. 6 59. 2	104 102 100 104 101	July 22 July 21* Aug. 14 July 23 July 21	13 10 16 14 16	Dec. 19 Dec. 19 Jan. 29 Jan. 29* Jan. 29*	8 10 7 22 56	36. 01 40. 83 50. 20 34. 85	5, 43 6, 66 10, 50 5, 73	July Aug. Aug. Aug.	1, 91 1, 33 1, 64 1, 82 1, 03	June May Sept. Nov. July	15. 5 4. 4 11. 5 15. 4	116 108 118 120	111 122 229 134	156 99 43 105	98 144 93 126	sw. s.
Onley Richmond Runnymede (near) Warsaw (near) Williamsburg	Accomac Henrico Surry Richmond James City	40 144 25 160 70	8 47 37 33 33	57.4 57.1 58.1	103 100 99 100 101	July 22 July 22 July 22* July 23 July 21*	13 10 8 4 10	Jan. 29* Jan. 29 Dec. 19 Dec. 19 Jan. 29	8 47 37 33 33	42. 08 37. 52 52. 88 46. 51	14. 46 7. 17 9. 24 7. 90 8. 75	Aug. July Aug. Aug. Aug.	1.12 0.81 1.47 1.12 1.35	June Oct. Oct. Sept. Sept.	5.0 12.0 13.7 10.0 12.6	95 126 97 107	146 163 188	126 104 70	93 98 107	nw. sw. s. s. sw.
Means and extremes  Middle Virginia				57.8	104	July 22*	0	Dec. 19		42.68	14. 46	Aug.	0.81	Oct.	9.9	114	147	108	110	sw.
Callaville	Pittsylvania Arlington	250 854 852 200 286	32 35 4 29	57.2 55.7 57.3	103 105 105 106	July 21 July 21* July 21 July 7	6 6 9 9	Dec. 19 Jan. 29 Jan. 26* Jan. 11*	32 35 4 29	45. 37 43. 64 33. 10 43. 17 37. 61	6. 93 8. 23 4. 94 6. 19 6. 44	Dec. Aug. Dec. Nov. July	0.38 1.47 0.51 0.79 0.74	May June Sept. Apr. Oct.	11.6 18.0 18.1 11.5	66 123 82 87	215 121 209 	74 102 95	76 142 61 126	w. w. s. nw.
Columbia	Pittsylvania Fairfax	246 450 430 310 100	28 19 26 36	53. 8 58. 3	103 101 103 105	July 21. July 21 July 22* July 21*	5 0 12	Dec. 19 Jan. 11 Dec. 19 Feb. 12	28 19 26 1 36	38. 87 42. 77 36. 08	5. 28 8. 97 5. 50 7. 27	Aug. Sept. Dec. Aug.	1.52 1.52 1.48	June Apr. Sept. Apr.	19.0 13.2 6.0 16.0	89 100 115	167 156	91 107	107 102	sw. s. w. sw.
Hawfield ‡‡	Campbell   Powhatan	400 500 681 397 350	25 55	57. 0	103	July 21	3 10	Dec. 19 Dec. 19	9 25 55 3 5	47. 00 43. 76 30. 94 39. 38 39. 94	9. 25 5. 96 4. 99 8. 82 7. 46	Aug. Aug. Dec. July Aug.	1.54 1.60 0.44 1.16 1.15	Apr. Mar. May Apr. May	20. 0 13. 4 12. 0 21. 0	90 118 112 108	'129 101 177	132 58 90	104 206 98	s. w. sw.
Mayhurst ‡‡. Mineral (near). Mount Weather ‡‡. New Canton. Quantico	Loudoun Buckingham	300	11 11 22 32 26	55. 2 52. 8 49. 9 55. 7 54. 2	99 103 98 100 96	July 10* July 22 July 22 July 22 July 10	5 0 -2 4 4	Jan. 28 Feb. 12 Jan. 29 Dec. 19 Jan. 29	11 11 22 32 26	40.06 41.76 48.38 39.81 43.03	8.70 8.22 7.72 5.63 6.31	Aug. Aug. Aug. July July	1. 28 1. 65 1. 73 1. 32 1. 61	Apr. Apr. Mar. June Apr.	30. 5 2. 15 10. 4	88 112 116 110 115	142 155 47 147 102	139 96 97 136 106	84 114 221 82 157	e. s. w. sw. nw.
Randolph Rocky Mount Stuart Troy Vienna Washington, D. C	Franklin Patrick Flunanna Fairfax		31 4 	56. 9 54. 5	102 102 104 104	July 22 July 21 July 21* July 21	11 4	Dec. 19 Jan. 29*	31 4 2 	38.00 44.94 43.47 41.60 44.92 43.55	5.99 6.37 5.69 5.62 6.89 6.80	July July Nov. Aug. Sept. Sept.	1.00 1.18 1.96 1.16 1.46 0.79	May May Apr, June Apr. Apr.	12. 7 14. 4 16. 2	103 99 110 104 127	237 175 166 103	36 115 100 119	92 75 99 143	sw: ne. nw. s. nw.
Means and extremes	,			55.3	105	July 21*	-2	Jan. 29		41. 31	9. 25	Aug.	0. 38	May	15.9	104	154	95	116	s.
The Great Valley  Blacksburg  Buchanan  Burkes Garden  Catawba Sanatorium  Dale Enterprise	Tazewell	820 3, 250 2, 100	35 25 31 16 47	52.2 56.5 47.7 53.7 52.7	100 106 88 102 105	July 22 July 26 July 22 July 21 July 21*	-6 -6 -7 -4	Jan. 11 Dec. 19 Jan. 14 Jan. 29 Jan. 11	35 25 31 16 47	38. 93 39. 72 46. 19 44. 58 44. 76	6. 62 5. 72 8. 76 7. 18 8. 04	Dec. Nov. Dec. July July	1. 29 1. 25 1. 84 1. 42 1. 79	May May June May June	20.3 17.0 30.0	140 78 87 102 139	136 134 130 199 127	51 64 67 106 149	178 167 168 60 89	W. W. W.
Dante Glenlyn Hot Springs Ivanhoe Lexington	Russell Giles. Bath. Wythe Rockbridge.	1,530 2,195 2,028	9 34 49	53. 7 50. 3 53. 4	97 95 102	July 22 July 22 July 22	3 5 4	Dec. 16 Jan. 29 Jan. 25	9 12 34 20 49	56. 50 37. 82 . 39. 20 37. 09 39. 84	9.16 6.63 6.28 4.93 5.78	Aug. Dec. Nov. Dec. Aug.	2. 27 0. 98 1. 01 1. 55 0. 86	June June Apr. Sept. June	16. 1 27. 8	145 107 127 108 111	133 145 196	126 148 53	106 72 116	
Marion Mendota Radford Roanoke Saltville	Washington Montgomery Roanoke	1, 350 1, 773 907	5  22 3	53. 4  56. 7 55. 4	100  104 102	July 22 July 21 July 21	11 10	Jan. 14 Jan. 11 Dec. 16	5 21 31 22 3	40. 56 51. 47 31. 78 40. 22 46. 33	8. 79 9. 24 5. 60 5. 26 9. 68	Dec. Dec. Dec. Nov. Dec.	1.07 2.57 0.91 1.08 1.19	Sept. Aug. May May Sept.	15. 7 13. 8 21. 0 17. 0 9. 2	145 134 106 109 152	176	128	61	w. nw. w.
Speers Ferry Staunton Winchester Woodstock Wytheville	Frederick Shenandoah	1, 380 717 927	35 22 35 24	53. 4 54. 4 55. 6 51. 9	106 106 107 96	July 21 July 22* July 22 July 21	6 2 -5 7	Jan. 11 Jan. 9 Jan. 12 Jan. 14	30 35 22 35 24	35.69 40.40 37.11 39.45 38.04	8. 04 7. 77 8. 02 8. 30 5. 67	Dec. Aug. Aug. Aug. Dec.	0.90 1.45 1.18 1.04 1.37	July Feb. Mar. Apr. Sept.	39. 0 25. 6	99 100 121 133 151	155 191 155 99	98 95 115 124	112 79 95 142	w. nw. w.
Means and extremes State means and ex		( !		53. 4 55. 5	107 107	July 22 July 22	-6 -6	Jan. 14 Jan. 14		41. 11 41. 60	9. 68 14. 46	Dec. Aug.	0.86	June May	23. 2 16. 4	120 113	152 151	102 102	111 112	w. ·

Section and State averages are computed from monthly means. Estimated and incomplete data not considered in means.

All other records are used in determining section and division means, but the mean departures from normal temperature and precipitation are based only on records from stations that have ten or more years of observation.

Reference letters, \*, \*, \*, appearing in the tables indicate number of days missing: for example, \* represents two days, etc.

\*Also on other dates. \* †Also June.

1! Post-office addresses of these stations are as follows: Diamond Springs, Norfolk; Runnymede, Elberon: Hawfield, Rapidan: Lincoln, Purcellville; Mayhurst, Orange; Mount Weather, Bluemont.

T. Precipitation is less than 0.01 inch rain or snow.

#### Monthly and Annual Precipitation for the Year 1926, with Departures from the Normal

· .	Jan	uary	Febr	ruary	Ma	rch	Αp	ril	М	ay	Ju	ne	Ju	ıly	Aug	nst	Septe	mber	Octo	ber	Nove	ember	Dece	mber	Ann	mal
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
Tidewater																										<del></del>
Asbland Cape Henry Christchurch Dahlgren Diamond Springs	4.56	+1.21	3.03 5.13	074	2.81	-1.51	2.21	-1.71	2.33	-1.70	2.24	-2.18	1.88	-3.97	5. 44 5. 28	-0.66	1.74	-2.34	2.31	-1.57	4.43	+1.69	5. 09 5. 36	+1.66	38.07 44.24	+6.56 -11.82 
Franklin Hopewell Langley Field Newport News Norfolk	3. 11 6. 19 5. 41 4. 52	+3.53 $+2.10$ $+1.15$	2.96 3.19 3.98 2.50	-1.20	1. 41 4. 45 3. 69 3. 11	-1.17	2.07 2.00 2.72 2.45	-1.24 -0.47 -1.34	1.33 2.22 2.96 1.89	-2.18	3.92 1.73 1.90 2.69	1. 64	1.00	$     \begin{array}{r}         -2.16 \\         -2.52 \\         -4.77     \end{array} $	4.37 6.66 10.50 5.73		1, 34 1, 64 2, 22 2, 17	-1.09	1.00	$ \begin{array}{c} -0.90 \\ +1.60 \\ -2.26 \end{array} $	2.90 3.15 1.82 2.59	-0.13	4. 32	T 1. US	34.00	-14.05
Onley Richmond Runnymede Wallaceton(near) Warsaw Williamsburg	5.55 4.65	+2.35	3.64	-0.35 +0.37	3. 10 2. 08	-1.54 -1.81	1.53	-1.58 -1.74	1. 69	-2.35 -1.81	3.41	+0.03	6. 16 5. 79	+0.10	7. 90	+4.36 +3.70	1.12	-0.77 -1.59	1.47 2.64 4.03	-2.07 +0.96	5. 4t 4. 12	+2.86	6.48 6.63 4.66	+3.06	52.88	+4.10
Means	4.41	+1.58	3. 65	+0.01	2, 56	-1.12	2, 20	-1.34	2. 21	-1.66	<b>2.5</b> 5	-1.79	4.40	-0.93	7.42	+2.39	2.01	-1.46	2.31	-0.89	3.86	+1.44	5. 10	+1.95	42.68	-0.82
Middle Virginia Callaville	4.39	+1.08	$\frac{3.35}{2.92}$	+0.41	1.82 2.46	-1.67	1. 92 1. 85	-1.46	3.24 1.25	-1.21	1.47 1.01	-3.93	3.30 4.43	-1.31	8. 23 2. 90	+3,`34	2.59 0.51	-1.10	$\frac{3.51}{1.81}$	+0.15	5.60 4.28	+3.10	4.22 4.94	+0.97	43. 64 33. 10	
Columbia. Culpeper Danville. Falls Church Fredericksburg.	3. 49 1. 88 5. 26	+0.05 -1.34 +2.14	4.08 2.70	+1.11 $+0.22$ $+0.14$	2.77 1.75	-0.82 $-1.04$ $-0.72$	2.29 1.52	-1.16 -1.69	2. 78 2. 19	-1.00 -2.95 -2.09	1.52 2.43 2.22	-2.76 $-2.69$ $-1.78$	4.43 5.30 3.28	-0.04 +1.58 -0.90	5. 28 6. 45 3. 22	+0.83 $+2.52$ $-1.36$	1.75 8.97	-1.39 +5.87 -1.69	2.51 2.52 2.20	-0, 44 +0, 05 -0, 67	3.94 4.90	+1.70 +2.50 +1.01	4. 03 2. 16 5. 50	+0.69 $-0.93$ $+2.24$	38. 87 42. 77 36. 08	-3.23 +2.10 -5.23
Hawfield Lincoln Lynchburg Macon Massinacac	3. 08 3. 89 2. 88 3. 60	0.00	4. 60 3. 59 3. 17 3. 58	+2.21 +0.10	1. 60 2. 52 1. 82 2. 82	-1.45 -1.29	1. 62 1. 82 1. 16 2. 19	-1.65 -1.35	2.98 0.44 1.68 1.15	-0, 55 -3, 55	2. 57 1. 13 1. 67 1. 52	-2.46 $-2.76$	5. 48 2. 71 8. 82 2. 69	+2.00 -1.32	5.96 1.67 3.83 7.46	+1.67 -2.58	4. 51 1. 59 2. 37 2. 08	+1.82	3. 79 3. 16 3. 04 3. 24	+0.90 -0.22	4, 3; 3, 4; 4, 5; 4, 9	3 +2. 19 3 +0. 64 5	3. 29 4. 99 4. 38 4. 70	+0.39 +1.72	43.76 30.94 39.38 39.94	
Mayhurst																										
Randolph	4.1' 3.3' 3.7'		3.91 3.62 3.96		2.90 2.54 1.99		1.96 3.24 1.46		2. 15 4. 31 3. 63		1.16 1.78		2.70 3.46 3.34		3.82 5.62 5.96		3.00 1.41 6.89		5.42 3.98 3.15		5.6	9	4. 83 4. 49 3. 60		43.47 41.60 44.92	
Means	3. 5	+0.31	4.08	+1.28	2. 34	-1.25	1. 78	-1.53	2.19	-1.97	1.93	-2.41	4.45	+0.23	5.44	+1.72	3. 48	+0.24	3.08	-0.06	4. 9	0 +2.49	4.06	+1.05	41.31	+0.05
Great Valley  Blacksburg Buchanan Burkes Garden Catawba Sanatorium Dale Enterprise	2.9	-0.36	3 2, 54	1 - 0.26	3, 50	H-0.36	2.13	-0.83	1.42	-2.02	2.07	-2.30	7. 18	+2.48	4.83	+0.21	2.47	-1.02	4.84	+1.40	0 4.7	2 +2.3'	7 <b>5.</b> 93	+2.68	44.58	+1.94
Dante Glenlyn Hot Springs Ivanhoe Lexington:	3.9 3.2 3.8 3.5 3.7	0 -0.74 +0.43 +0.33 +0.46	4. 11 4. 46 3 2. 29 3 3. 6 5 2. 7	1 5 +1.52 9 -0.50 7 +1.19 3 -0.27	2.9° 2.9° 1.9° 3.0° 7.2.7°	-0.51 -1.88 -0.44 -0.62	2. 71 1. 13 1. 01 1. 58 1. 94	-1.44 -2.27 -1.37 -1.04	4.98 2.5 2.6 2.19 2.19	7 -0.30 3 -1.28 -1.38 2 -1.49	2. 27 0. 98 1. 18 2. 31 0. 86	-2. 34 -3. 48 -2. 14 -3. 19	4.29 1.80 3.11 3.81 5.12	$ \begin{array}{c}                                     $	9. 16 3. 80 4. 92 2. 74 5. 78	-0.01 +1.47 -1.50 +2.08	3.89 2.01 3.20 1.55 1.70	-0. 18 -0. 19 -1. 53	4. 63 4. 28 4. 80 3. 40 3. 95	$\begin{array}{c} +1.58 \\ +1.88 \\ +0.38 \\ +1.08 \end{array}$	5.3 4.0 8 6.2 5 4.3 4.3	$7 \dots 1 + 2.2$ $8 + 3.9$ $0 + 2.3$ $7 + 1.8$	8. 22 6. 63 4. 06 4. 93 4. 80	+3. 44 +1. 04 +2. 05 +2. 01	56. 50 37. 82 39. 20 37. 09 39. 84	1 +1.01 -3.10 -2.41 +0.18
Marion Mendota Radford Roanoke Saltville	3.6 4.5 3.7	0+0.42 $1+1.5$	2 2.6. 7 2.7. 3.3.	2 -0.15 2 -0.35 3	2. 09 5 2. 89 3. 13	-1.38 -0.51	2.01 1.64 1.75	-0.68 -1.11	0.9 1.08 3.3	$\begin{bmatrix} -2.51 \\ -2.11 \\ \end{bmatrix}$	1. 97 1. 83 2. 45	-2. 64 -2. 64	1. 28 5. 18 2.8	3 -3.28 5 +0.87	2.51 4.01 4.79	+0.50	2. 22 2. 11 1. 19	-0. 61 -0. 91	4. 73 3. 85 6. 24	+1.68	8 2.2 0 5.2 . 3.8	$\begin{array}{c} 4 + 0.19 \\ 6 + 2.9 \\ 4 + \dots \end{array}$	5. 60 5. 17 9. 68	+2.65 +2.53	31.78 40.22 46.38	-6.61 + 1.44
Speers Ferry Staunton Winchester Woodstock Wytheville	1	1	1	1	1	!	1	t	1	1		Į.	1	1	1	1	ı	1	1	1		1	(	(	1	-9.20 +3.91 +0.09 +5.13 -8.67
Means		i	1		1	1		1			1			0. 38		1.			1	1 .	1		1	l .	1	

(Continued from page 49)

October.—Page 38, Ashland, temperature departure should be  $-0.5^{\circ}$ .

November.—Page 42, Norfolk, snowfall, should be T. Great Valley, temperature departure should be  $-3.3^{\circ}$ .

Note.—In this publication, annual means are computed from data for all stations; whereas, in monthly reports, means may not include all stations, as in some cases reports are not received in time to be used in the computations.

Monthly and Annual Mean	Temperatures for the Year 1926.	with Departures from the Normal

	January February Ma				arch April May						June July					Sont	mbor	October November				December		A 22-		
•	Jan	l	ren	l uary	ME	ren	AI	)F11	M	a.y	JU	iii6	J1	ııy	Au.	gust	septe	mber	Jet	oper	MOV	l	nece	moer	AIII	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
Tidewater	·																									
Ashland	34.9		37.5	+2.4 +3.0 +3.0	41.1		52.4		62.6		71.0		78.0	-1.5 +1.1 	18.8		*72.9		62. 6		51.0 43.7	-1.1	*39.4 34.0	-2.7	54. 6 58. 6 54. 5 60. 1	-2.0 -0.5 -0.4
Franklin Hopewell Langley Field Newport News Norfolk	40.1 41.8	-0.4	444.7 43.8 43.1 45.2 44.2	+2.6 +5.4	43.0	-5.3 -2.5 -4.0	453. 6 56. 7 53. 8 57. 8 55. 3	-2.4 +0.9	63.8	+0.3	75.0	$\begin{array}{c} -3.5 \\ +1.6 \end{array}$	81.4	-0.4 +3.4	80. 6 79. 6 81. 9 79. 6	$+2.1 \\ +4.7$	72. 4 73. 6 72. 5 75. 1 73. 2	+0.3 +3.3 +1.6	63.2	+1.1	51.4	+1.2	°40. 4 38. 6 40. 1 40. 6 41. 4	-1.0 -0.0 -1.7	59. 2 58. 1 60. 6 59. 2	-0.8 +1.6 -0.3
Onley Richmond Runnymede Warsaw Williamsburg	39. 2 37. 8 39. 4 35. 2 38. 6	-0.1 -1.5 -1.6	38. 8 43. 4	+4.1 +1.3 +2.6	40. 4 43. 7	-4.4 -5.7 -5.2	53.4 53.8		1 1	-0.8 -1.2 -1.8 -0.2	1	1	78.3	-0.1 +1.4 +1.5	76.3 78.7		: 1	+0.7 +1.9 +0.5 +1.9		•••••	48.4	-1.9 +2.0 -0.1	38. 4 37. 8 39. 8 35. 0 39. 0	-3.0 -1.9		-0.8 +0.2
Means  Middle Virginia	38.8	-0.2	42.4	+2.7	43. 2	-4.6	54.4	-1.8	64.6	-1.0	71.6	-2.0	78. 4	+0.6	78.7	+2.4	72.1	+1.3	61. 1	+1.0	48.8	-0.4	88.9	-1.8	57.8	0, 0
Callaville	38. 4 35. 6 37. 0 35. 3 36. 2		39.1 43.2 42.0	+2.4	41.0 42.8 40.8	-5.5	52. 6 55. 0	-1.8 -3.5	64. 3 66. 6 66. 2 64. 0 64. 6	+0.9	70.6 71.4 71.0	-2.1	77.5 78.3 77.1	+1.3	77.6 78.7 77.9	+3.0	71.8 69.4 73.4 71.6 71.4	+0.5	58.8 60.0 58.8	+0.3	43.8 43.3 42.5	-3.9	37. 2 35. 8 38. 8 37. 8 36. 5	:::::	57.2 55.7 57.3 56.2	-0.6 -0.8
Culpeper Danville Fredericksburg Lincoln Lynchburg	32.8 *39.2 32.6 38.0	+0.8	44.3 39.6 35.8	+1.9 +3.4 +3.1	43.9 42.4 40.4	-7.3 -4.3 -2.7	55.8 54.8 50.4	-3.4 -0.4 -3.2	66. 4 66. 2 65. 6	-0.8 + 1.4 + 1.9	72. 4 71. 6 68. 8	-3.0 -4.5 -0.7 -2.6 -3.5	79. 4 78. 1	+0.1 +0.2 +1.7 +0.3	78. 4 78. 1 76. 1	$+3.3 \\ +2.5$	73. 9 71. 2 69. 0	$^{+2.2}_{+0.9}$	60.5 59.3 56.6	$+1.5 \\ -0.2$	44.8 45.6 44.2	-4.7 -1.2 -0.4	40.6	-1.4 $-1.8$	53. 8 58. 3	-0.9 -1.5 -0.6
Mayhurst	35. 6 33. 0 29. 8 37. 0 32. 6	-0.4 $-0.5$ $+0.3$	37. 2 30. 8	+3.6	38.1 34.4 42.0	-5.2	49.8 47.3 53.2	-4.4 $-2.1$ $-2.4$	58. 6 62. 4 64. 2	-3.3 + 3.4	65.0 69.8	-2.0 $-2.6$	73.6 72.4 75.4	$^{+1.6}_{-0.8}$	75.8 71.3	+2.2 +2.8 +2.1 +1.3 +2.4	68. 2 63. 6	-1.1	52.2 58.6	+0.5 +1.3	41.9 40.1 43.4	$ \begin{array}{r r} -2.9 \\ -1.7 \\ -3.2 \end{array} $	29.0	-4.1 -1.5 -3.0 -0.6 -1.4	55. 2 52. 8 49. 9 55. 7 54. 2	-1.0 -1.5 -0.4 -0.8 -1.1
Rocky Mount	33.8	+0.4	°42.9 41.2 36.5	+1.2	41.8 42.6 40.1	-2.5	55.3 53.4 51.9	-1.4	66.8 64.2 64.3	+0.6	70.0 69.4 69.1	-3.1	75.0 77.0 76.5 76.7	-0. i	77. 2 77. 7 76. 4		69.0	-	59.0 58.4 57.2	-0.2	45.0	-0.2	36. 1 33. 8	-2.8	56. 9 54. 5	-0.5
Means	35.3	-0.4	3 <b>9</b> . 9	+3.0	41.0	-5.3	53.0	-2.6	64. 6	0.0	69.8	-2.7	10.0	+0.4	76. 7	+2.1	70.0	T0.9	97.8	+0.2	43. 5	-2.3	33. 6	-2.0	55. 3	-0.7
Blacksburg	35. 4 29. 4 34. 4	-2.2 -1.9	42.0 32.8 38.9	+0.8	42. 2 33. 6 39. 3	····;	53. 6 44. 2 50. 2	-3.3 -4.4	66. 0 57. 1 63. 2	+1.1 +0.3 +0.9 -0.3	70. 7 61. 1 68. 0	-2.7 -2.1	77. 4 65. 2 73. 8	+0.9 +1.8	78. 1 67. 4 74. 2	+3.9 +1.7 +2.7 +1.2	72.6 63.6 68.7	+3.4 +2.4	59.6	+1.3   +0.3	43. 2 34. 4 40. 7	-5.6 -5.3	36.2	+0.9 +1.1 -2.1 -1.0	52.2 56.5 47.7 53.7 52.7	+0.3 -0.1 -1.3 -0.7
Marion		$ \begin{array}{r} -1.2 \\ -3.1 \\ -0.2 \\ -0.5 \end{array} $	38. 9 34. 8 39. 5 38. 6 42. 9	+3.1 +4.2 +2.8 +5.1	38.0 34.7 39.4 37.2 41.8	-4.7 $-6.6$	50. 2 47. 4 49. 8 49. 4 54. 0	-2.7 -3.4 -3.0 -2.4	61. 8 60. 3 63. 0 61. 5 66. 1	+0.6 +0.3 -0.8 +4.5	66. 8 64. 2 67. 6 66. 4 71. 2	-2.7 -3.1 -3.6 -0.6	72.3 70.8 74.7 72.6 77.2	+1.6 +0.3 +0.1 +1.9	73. 7 71. 0 75. 0 74. 1 77. 3	$^{+2.8}_{+2.0}_{+2.8}_{+3.1}$	72.2		56. 8 52. 6 56. 0 56. 7 59. 2	+0.7	42. 2 38. 8 40. 8 41. 2 43. 2	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	37.5	+1.2	53. 7 50. 3 53. 4 53. 4 56. 7	-0.6 -0.1 +0.1 -0.7
Saltville Staunton Winchester Woodstock Wytheville	436.1 32.6 32.4 34.9 32.3	$     \begin{array}{r}       -2.8 \\       -0.6 \\       +1.7     \end{array} $	33.9 39.5	$     \begin{array}{r}       -3.3 \\       -0.2 \\       +6.4     \end{array} $	42.6 43.2	-6.4 $-0.3$ $-0.8$	53. b	-4.8 -2.2 +1.0	65. 4 62. 8 66. 2 65. 7 61. 2	$ \begin{array}{c} -0.8 \\ +3.0 \\ +2.6 \\ -0.2 \end{array} $	70. 2 69. 6 70. 6 69. 8 65. 2	-0.9 -1.9 -0.3 -3.5	75. 6 76. 5 77. 6 76. 2 71. 4	$+2.5 \\ +1.6$	77. 1 77. 5 76. 5 76. 8 72. 4	+4.4 +6.1 +3.7 +1.9	66. 3 70. 6 69. 6 69. 2	$ \begin{array}{r} -0.9 \\ +3.2 \\ +2.1 \\ +5.6 \end{array} $	57. 6 54. 2 57. 4 58. 0 54. 8	$ \begin{array}{c} -2.1 \\ +1.3 \\ +1.7 \\ +1.2 \end{array} $	41.4 41.0 42.6 44.6 39.3	-4.4 -2.3 -0.1 -3.7	37. 1 35. 2 31. 7 35. 0 36. 4	-1.2	55.4 F3.4 54.4 55.6 F1.9	-1.8 +0.3 +1.5 -0.7
Means	33. 1 35. 7	-1.1 $-0.6$	1	+2.4 +2.7	1	- 1	1 1	-2.8 -2.4	62. 9 64. 1	1	67. <b>6</b> 69. 7	-2.2 -2.3	. 1	+1.1 +0.7	i 1	+3.0 +2.5	i i	+3.2 +1.8	i i	+1.1 +0.8	· '	ì '	35. 6 36. 7	-0.6 -1.5	53. 4 55. 5	-0.3 -0.5

For explanation of reference marks, see page 50.
KILLING FROSTS, 1926

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Stations			Stations	Last in spring	First in autumn	Stations	Last in spring	First in autumn	Stations	Last in spring	First in autum				
Tidewater Virginia			Middle Virginia			Middle Virginia—Con.			Great Valley—Con.						
Ashland Cape Henry Christchurch Dahigren Diamond Springs Frankliu Hopewell Langley Field Newport News Norfolk Onley Richmond Runnymede Warsaw Williamsburg	Apr. 20 Apr. 30 Apr. 20 Apr. 20 Apr. 20	Nov. 11 Oct. 28 Oct. 27 Nov. 11 Oct. 28 Oct. 28 Nov. 11 Oct. 28 Nov. 11 Oct. 28 Oct. 28	Charlottesville Chatham Clarksville Columbia Culpeper Danville Fredericksburg Lincoln	Apr. 20 Apr. 20 Apr. 21 May 5 Apr. 27 Apr. 20 Apr. 20 Apr. 16 Apr. 16 Apr. 19 Apr. 19 Apr. 27	Oct. 26 Oct. 27 Oct. 27 Oct. 27 Oct. 27 Oct. 28 Oct. 28 Oct. 27 Oct. 28 Oct. 27 Oct. 22 Oct. 22 Oct. 22 Oct. 22	Quantico Rocky Mount Stuart. Troy Washington Great Valley Blacksburg Buchanan Burkes Garden Catawba Sanatorium Dale Enterprise Dante Hot Springs	May 5 Apr. 27 Apr. 19  May 5 Apr. 27 May 5 Apr. 27 May 5 Apr. 27 May 5 Apr. 27	Oct. 28 Oct. 22 Oct. 22 Oct. 28 Oct. 8 Oct. 8 Oct. 8 Oct. 26 Oct. 26 Oct. 26		Apr. 27 Apr. 27 Apr. 20 Apr. 30 May 5	Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 25				

(WB-3-4-27-1,175)