

U. S. DEPARTMENT OF AGRICULTURE  
WEATHER BUREAU

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ANNUAL  
METEOROLOGICAL  
SUMMARY

WITH COMPARATIVE DATA

—1927—

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RICHMOND, VIRGINIA

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Compiled by  
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Associate Meteorologist

LOCAL OFFICE, U. S. WEATHER BUREAU  
RICHMOND, Va., JANUARY 24, 1928.

**Annual Meteorological Summary, 1927.**  
Latitude 37°-32' N. Longitude 77°-27' W

MONTH.	TEMPERATURE.						PRECIPITATION.			Relative humidity. per cent.	Percentage of Sunshine.	WIND.					NUMBER OF DAYS.													
	Mean.			Extremes.			Total.	Maximum in 24 hours.	Snowfall.			Average hourly velocity.	Prevailing direction.	Maximum.			Winds 40 miles per hour or more. Clear.	Partly cloudy.	Cloudy.	Precipitation. (0.1 in. or more.)	Thunderstorms.	Dense fog.	* Snow.	Max. temp.		Min. temp.				
	Maximum.	Minimum.	Monthly	Maximum.	Date.	Minimum.								Date.	Velocity.	Direction.								Date.	32 degrees and below.	90 degrees and above.	32 degrees and below.	Zero and below.		
January.....	46	39	38	74	22	11	27	9.76	0.3	73	48	89	NW	15	0	6	10	15	9	0	0	0	4	19	0					
February.....	55	37	36	73	17	26	1	2.87	1.3	26	45	89	NE	19	0	7	10	12	14	0	0	0	0	4	4					
March.....	61	45	45	84	10	25	5	1.95	0.98	22	42	89	W	19	0	9	13	11	13	0	0	0	0	0	7					
April.....	64	44	44	86	20	24	11	3.47	0.95	38	44	88	W	27	0	10	10	11	15	0	0	0	0	0	0					
May.....	76	56	56	89	19	23	1	9.36	1.97	73	51	77	SW	25	0	15	10	15	15	0	0	0	0	0						
June.....	86	65	76	95	29	56	2	9.12	1.97	82	57	80	W	14	0	10	12	7	11	0	0	0	0	0						
July.....	86	65	76	94	29	56	5	9.10	1.97	82	57	80	SE	18	1	10	14	12	12	0	0	0	0	0						
August.....	86	65	71	94	7	55	20	7.19	2.33	82	47	85	NE	31	0	11	11	11	12	0	0	0	0	0						
September.....	81	62	71	94	15	47	25	4.01	0.97	77	44	85	SW	30	0	20	9	4	5	0	0	0	0	0						
October.....	72	56	61	88	1	39	22	2.02	0.37	82	72	85	NE	9	1	19	6	6	4	0	0	0	0	0						
November.....	63	43	53	79	12	27	20	1.67	0.63	75	62	85	SW	17	0	19	12	8	6	0	0	0	0	0						
December.....	56	32	41	77	13	18	10	5.02	1.78	74	55	93	W	8	0	15	13	12	12	0	0	0	0	0						
Year.....	67.8	48.3	58.1	95	June 29	Jan. 11	Jan. 27	44.36	3.94	July 12, 19	1.6	76	56	7.6	SW	46	W	Mar. 19	7	129	123	113	124	44	21	4	6	13	52	0

\* .01 inch or more melted.

RICHMOND, VIRGINIA.





RICHMOND, VIRGINIA.

Monthly and Annual Precipitation.

YEAR.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1871.....	.....	2.85	8.64	2.10	4.61	4.30	.....	.....	.....	.....	.....	.....	.....
1872.....	1.82	3.28	4.55	2.22	1.77	2.01	1.63	4.95	2.42	5.14	2.42	2.76	34.77
1873.....	4.50	<b>8.92</b>	2.05	2.45	8.98	2.21	3.00	9.22	2.59	4.80	5.45	1.05	55.22
1874.....	3.33	1.11	3.16	7.02	2.20	2.90	4.40	2.34	2.90	<b>0.11</b>	1.28	2.76	33.51
1875.....	2.63	3.70	5.60	3.11	2.67	3.25	2.60	9.50	1.58	1.39	3.76	1.69	41.43
1876.....	<b>0.55</b>	0.59	3.74	1.81	3.04	3.75	2.50	2.75	4.42	1.00	2.50	1.00	<b>27.65</b>
1877.....	2.45	0.65	3.17	5.35	2.04	<b>1.29</b>	5.22	1.97	2.35	4.27	5.55	1.41	31.71
1878.....	3.14	1.25	2.06	3.47	5.42	2.31	1.66	3.65	0.99	5.03	1.91	4.34	35.25
1879.....	4.11	1.49	2.28	3.25	1.70	2.20	3.39	7.33	1.29	1.06	0.70	5.01	33.81
1880.....	0.68	1.71	5.42	<b>1.06</b>	1.35	2.40	3.62	8.98	3.53	2.14	2.95	3.61	37.45
1881.....	2.39	2.32	3.74	3.04	1.15	5.32	3.28	1.78	2.42	3.15	3.55	5.84	37.89
1882.....	5.22	2.70	2.54	1.95	4.11	1.66	2.52	4.44	6.50	2.01	0.21	2.80	36.66
1883.....	3.38	2.24	2.01	6.45	1.60	2.61	1.78	1.79	6.03	5.13	1.30	1.43	35.83
1884.....	2.65	4.87	5.53	1.94	1.54	2.99	4.02	1.49	<b>0.15</b>	0.52	1.64	4.65	31.99
1885.....	3.97	2.00	2.19	1.63	5.17	2.85	3.07	1.69	1.20	3.49	2.86	4.39	34.52
1886.....	4.45	3.02	4.87	2.57	8.67	5.82	10.64	4.20	3.07	1.45	3.22	2.18	54.16
1887.....	1.88	4.40	2.38	2.63	3.56	4.45	6.58	8.27	1.19	4.94	2.49	4.04	46.81
1888.....	2.79	2.39	5.25	2.55	5.70	4.89	1.40	4.19	<b>10.41</b>	5.24	3.15	3.52	49.48
1889.....	4.77	3.71	3.68	<b>8.89</b>	<b>8.13</b>	7.93	<b>14.01</b>	3.99	5.60	5.15	4.59	<b>0.57</b>	<b>72.02</b>
1890.....	1.53	3.35	3.34	2.79	4.69	2.21	4.58	5.51	5.50	<b>8.51</b>	<b>0.11</b>	4.48	46.60
1891.....	4.79	5.68	<b>8.78</b>	1.96	5.18	4.12	4.69	4.80	1.24	2.12	1.88	2.13	47.37
1892.....	3.96	3.36	3.19	6.77	2.32	3.47	5.11	3.32	3.15	0.83	4.53	1.64	41.70
1893.....	3.37	4.98	2.44	3.82	5.15	2.62	3.21	3.43	6.86	5.72	3.22	2.39	47.24
1894.....	3.35	4.51	1.21	3.29	6.74	2.77	4.59	5.12	6.48	4.06	1.68	2.66	46.46
1895.....	5.25	1.47	4.23	8.31	4.24	2.39	5.01	2.68	0.42	1.69	3.05	2.40	41.14
1896.....	2.40	4.35	3.70	1.69	3.03	5.58	8.02	<b>0.45</b>	6.20	0.62	3.16	0.89	40.09
1897.....	1.86	6.40	5.11	2.76	2.48	2.31	4.18	1.83	1.03	6.54	3.07	2.63	40.20
1898.....	1.05	1.05	3.78	4.83	5.28	2.98	4.15	6.31	2.33	4.59	2.22	3.08	41.65
1899.....	2.94	4.72	5.56	2.04	2.14	2.51	4.12	5.61	6.21	4.03	1.19	2.33	43.40
1900.....	2.71	4.42	2.89	3.62	2.20	3.03	3.13	3.66	4.03	2.55	2.87	2.60	37.76
1901.....	2.80	<b>0.55</b>	3.79	5.29	3.80	2.32	5.06	6.99	3.21	0.79	1.37	6.08	42.07
1902.....	3.26	4.84	1.89	3.12	3.42	4.31	6.21	3.70	4.91	4.81	4.83	4.12	49.32
1903.....	3.61	5.02	8.14	4.46	3.36	5.73	5.17	3.21	1.60	3.44	1.40	2.28	47.42
1904.....	2.34	2.71	3.52	1.57	1.45	4.11	6.25	3.83	3.00	2.80	2.55	3.71	37.84
1905.....	2.47	4.14	2.18	3.06	4.09	3.72	3.25	4.01	2.61	1.24	0.51	<b>7.10</b>	38.38
1906.....	2.54	2.57	4.78	2.16	3.37	5.14	6.75	8.68	0.35	7.47	0.87	2.12	46.82
1907.....	1.22	2.39	2.91	4.87	5.78	6.21	2.99	5.31	6.51	2.30	4.64	3.44	48.48
1908.....	4.39	3.92	2.96	2.73	6.71	5.72	4.37	<b>10.40</b>	2.74	2.57	1.25	4.72	52.78
1909.....	3.00	2.94	4.13	3.21	3.41	1.59	1.25	4.01	2.89	0.77	0.62	3.39	34.21
1910.....	3.38	2.38	1.42	8.74	2.67	5.67	6.40	2.90	1.07	5.03	0.98	2.50	43.14
1911.....	3.65	2.20	2.15	4.00	<b>0.60</b>	2.83	<b>0.57</b>	7.26	1.85	3.61	4.33	3.95	37.00
1912.....	2.34	3.76	8.18	2.17	4.59	2.50	1.25	1.49	4.20	0.58	1.73	2.84	35.63
1913.....	2.53	1.51	3.53	2.54	4.80	3.78	3.65	4.39	3.20	3.95	1.49	2.17	37.74
1914.....	3.65	3.27	3.66	1.28	2.50	2.76	3.00	2.42	1.47	1.67	2.20	4.95	32.83
1915.....	5.41	3.92	<b>1.10</b>	1.68	3.00	3.77	2.42	7.34	1.99	3.27	0.63	1.93	36.48
1916.....	1.51	3.68	1.57	1.94	4.74	<b>8.72</b>	5.39	1.55	2.01	1.44	1.31	3.40	37.26
1917.....	2.98	2.28	5.97	2.56	4.59	5.31	6.28	2.74	4.62	3.78	0.44	1.72	43.27
1918.....	<b>5.81</b>	0.91	5.98	8.02	3.30	5.36	1.05	2.76	3.55	0.59	1.26	4.79	41.38
1919.....	3.64	2.22	3.51	3.25	5.19	3.90	9.92	2.62	0.54	1.71	1.31	2.30	40.11
1920.....	2.02	6.67	3.11	2.96	3.06	6.34	6.05	8.69	2.71	0.66	<b>6.69</b>	1.87	50.83
1921.....	3.80	3.52	2.13	4.65	3.89	1.49	2.36	0.61	0.95	1.20	2.97	3.02	30.59
1922.....	4.58	3.81	7.01	2.01	3.27	6.42	8.48	7.78	0.66	3.68	0.86	3.14	51.70
1923.....	4.61	3.09	5.88	3.96	1.16	2.09	10.87	6.41	4.25	2.16	2.20	2.28	48.96
1924.....	2.98	2.34	4.00	5.11	7.36	4.85	2.33	3.05	9.58	0.78	1.61	3.49	47.39
1925.....	5.42	0.90	2.47	2.33	2.15	2.24	2.32	2.55	0.93	4.67	1.55	3.89	31.42
1926.....	3.30	3.60	1.96	2.01	1.59	2.19	7.17	5.24	1.46	0.81	3.63	4.56	37.52
1927.....	0.70	2.87	1.95	3.47	3.30	3.12	9.10	7.19	4.01	2.02	1.61	5.02	44.36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Normal	3.02	3.10	3.72	3.45	3.85	3.52	4.42	4.41	3.43	3.32	2.39	3.00	41.63
Means.	3.13	3.15	3.76	3.44	3.78	3.80	4.59	4.50	3.19	2.91	2.28	3.12	41.61

Bold-faced figures indicate greatest and least amounts

RICHMOND, VIRGINIA.

Daily Mean Maximum Temperatures.  
[October 5, 1897, to December 31, 1927.]

Day of month	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year
1	48.4	44.8	53.4	60.0	74.3	81.3	86.5	85.7	84.7	79.2	64.7	52.7	67.2
2	47.1	47.6	53.8	61.7	75.4	82.0	88.6	86.4	85.2	71.7	63.2	51.2	67.8
3	48.2	45.4	53.5	60.8	74.4	81.6	89.0	86.3	83.2	73.5	60.1	51.1	67.3
4	44.5	46.9	53.0	62.1	72.6	80.8	87.3	85.9	83.0	73.6	62.1	45.1	66.4
5	46.6	43.4	52.2	61.7	71.8	79.8	86.5	85.9	83.7	76.8	61.9	49.2	66.6
6	48.2	45.0	52.2	64.5	74.3	82.1	87.1	87.0	84.5	75.1	61.5	50.6	67.7
7	49.4	46.2	53.9	65.4	74.8	82.8	86.8	89.2	85.0	77.6	60.7	51.8	68.6
8	48.0	43.9	54.7	64.9	74.4	82.3	87.9	87.8	83.6	70.7	62.0	54.0	67.8
9	45.9	44.1	55.2	62.2	75.4	81.0	88.8	87.1	82.6	72.1	60.9	50.7	67.0
10	45.9	44.9	56.8	62.5	74.0	81.6	88.2	88.1	81.9	71.6	60.9	48.9	67.1
11	47.9	45.9	56.2	65.6	75.7	81.9	88.1	88.1	81.3	73.8	60.2	48.5	67.8
12	47.1	47.2	57.7	67.3	75.3	83.8	87.6	86.1	82.8	71.7	59.0	49.0	67.9
13	42.6	47.2	59.1	66.0	77.1	81.5	86.6	85.9	81.5	68.8	57.8	51.7	67.2
14	44.6	51.1	57.4	65.2	75.7	82.2	86.4	85.9	78.2	68.6	56.5	48.8	66.7
15	48.2	49.6	56.1	65.5	76.2	83.4	88.1	84.5	78.0	72.7	58.1	45.5	67.2
16	47.5	46.4	56.5	66.6	77.8	82.0	89.1	85.1	79.3	73.9	57.4	44.0	67.1
17	45.4	47.1	57.1	68.4	77.5	82.3	88.6	85.2	78.6	72.1	56.0	46.9	67.1
18	46.1	47.1	59.2	69.3	78.3	82.8	88.4	84.5	79.7	71.5	58.0	46.7	67.6
19	48.6	47.5	61.6	68.7	78.5	82.0	87.1	84.9	79.5	71.9	58.3	44.2	67.7
20	51.0	49.8	61.6	69.1	78.3	85.5	87.4	85.6	79.1	68.7	59.3	45.4	67.6
21	54.9	48.5	57.5	68.9	78.8	86.9	88.9	85.1	79.3	64.9	59.5	47.4	67.6
22	54.1	50.9	61.0	71.3	79.2	85.6	86.9	85.4	77.9	67.2	58.8	46.0	68.7
23	50.0	51.5	62.4	70.8	79.5	85.7	88.0	84.5	78.4	66.7	57.2	49.7	68.7
24	46.5	49.2	62.7	73.3	78.6	86.4	87.5	86.1	78.9	65.0	53.4	47.6	67.9
25	46.1	46.3	63.2	71.6	77.3	86.1	87.2	85.1	77.9	68.4	53.4	46.3	67.6
26	45.9	50.4	66.4	75.8	77.4	85.7	86.5	84.4	76.8	67.0	55.4	42.8	67.7
27	46.0	50.8	66.5	76.4	79.0	86.5	86.0	81.7	76.3	68.3	54.7	46.7	67.9
28	45.3	52.7	61.6	69.3	79.3	86.5	87.3	82.4	76.0	65.8	49.6	46.4	67.0
29	44.0	62.7	71.9	79.7	87.2	87.8	84.1	77.1	64.9	51.6	45.7	68.8	68.8
30	46.7	59.7	75.8	80.9	85.8	88.3	83.3	75.3	62.6	52.6	45.1	68.8	68.8
31	45.2	62.5	79.8	87.3	87.3	87.3	84.8	75.3	63.9	52.6	47.6	67.3	67.3
Means....	47.3	47.6	58.4	67.2	76.8	83.5	87.5	85.6	80.3	70.0	58.2	48.0	67.5

Seasonal Snowfall 1898-1927.

Season.	November.	December.	January.	February.	March.	April.	Season.	Greatest 24-hour Snowfall.	Greatest Depth on Ground at 8 pm.
1897-1898	0.0	0.0	3.0	T	T	2.0	5.0	3.0	T
1898-1899	3.8	T	8.0	28.2	5.0	T	34.0	7.5	17.7
1899-1900	0.0	2.1	0.3	6.2	5.8	T	14.4	4.8	4.5
1900-1901	T	7.2	5.5	1.0	1.4	T	15.1	7.2	4.2
1901-1902	0.0	1.0	5.0	9.8	0.0	T	15.8	6.0	3.6
1902-1903	0.0	1.1	0.9	0.2	0.0	0.0	2.2	1.1	0.3
1903-1904	0.4	0.9	10.7	8.4	T	0.0	20.4	5.2	8.2
1904-1905	1.8	8.5	6.5	2.2	T	T	19.0	3.8	5.0
1905-1906	T	1.3	0.7	7.0	6.4	0.0	15.4	4.3	4.3
1906-1907	1.9	T	3.1	9.8	6.4	T	21.5	3.4	3.2
1907-1908	T	T	3.2	7.8	2.3	0.0	13.8	3.2	2.4
1908-1909	T	17.2	0.2	4.1	3.8	0.0	25.3	17.2	10.8
1909-1910	T	3.3	1.8	0.7	5.9	0.0	11.7	4.0	1.0
1910-1911	0.0	0.7	2.6	T	4.0	0.0	7.3	2.2	2.4
1911-1912	0.0	T	8.9	1.7	11.3	0.0	21.9	7.0	5.0
1912-1913	2.0	0.2	0.4	3.1	0.0	0.0	5.7	2.7	2.4
1913-1914	0.0	T	T	10.8	15.8	0.2	26.8	7.8	5.0
1914-1915	0.0	5.4	0.2	1.6	0.3	10.0	17.5	10.0	7.1
1915-1916	0.0	0.6	2.6	1.9	4.4	T	9.5	3.6	3.6
1916-1917	T	9.1	T	0.8	T	T	9.9	5.3	6.2
1917-1918	T	15.3	14.4	1.3	0.0	2.7	33.7	9.4	9.4
1918-1919	0.0	T	T	0.0	0.0	0.0	T	T	T
1919-1920	0.0	6.0	T	3.6	T	0.0	9.6	6.0	6.0
1920-1921	0.0	0.0	T	1.0	0.0	T	1.0	1.0	T
1921-1922	0.0	T	22.1	5.3	0.1	0.0	27.5	10.3	18.0
1922-1923	0.0	0.2	0.5	5.0	0.0	0.0	5.7	5.0	5.0
1923-1924	0.0	1.0	T	T	3.7	T	4.7	2.4	1.3
1924-1925	0.3	T	1.6	0.0	0.0	0.0	1.9	0.9	0.0
1925-1926	T	T	5.6	1.4	5.0	T	12.0	5.0	5.0
1926-1927	T	T	0.3	0.0	1.3	0.0	1.6	1.3	1.3
Means.....	0.3	2.8	3.7	4.0	2.8	0.5	14.1	17.2	18.0

T Indicates a trace.

RICHMOND, VIRGINIA.

Miscellaneous Averages And Extremes.

MONTH	Temperature 1880-1927.				Precipitation, 1871-1927.				Average percentage of Sunshine, 1901-1927.
	Warmest Month.		Coldest Month.		Wettest Month.		Driest Month.		
	Mean.	Year.	Mean.	Year.	Amount.	Year.	Amount.	Year.	
January.....	48.5	1830	28.0	1918	5.81	1918	0.55	1876	50
February....	49.9	1890	31.2	1905	8.32	1873	0.55	1901	55
March.....	57.6	1921	39.5	1885	8.78	1891	1.10	1915	59
April.....	63.3	1891	50.4	1907	8.89	1880	1.06	1880	62
May.....	74.6	1896	60.5	1920	9.13	1840	0.60	1911	68
June.....	78.8	1831	68.4	1907	8.72	1916	1.29	1877	64
July.....	82.3	1837	72.8	1896	14.01	1849	0.57	1911	66
August.....	82.9	1900	71.3	1927	10.40	1908	0.45	1896	63
September...	78.8	1881	65.2	1917	10.41	1883	0.15	1884	65
October.....	67.2	1919	52.7	1880	8.51	1890	0.11	1874	65
November...	54.8	1902	42.2	1880	6.69	1920	0.11	1890	59
December...	51.1	1840	30.0	1917	7.10	1905	0.57	1889	48
Year.....	82.9	Aug. 1900	28.0	Jan. 1918	14.01	July 1889	0.11	Oct. 1874 Nov 1890	60

Extremes of Temperature.

MONTH.	TEMPERATURE					
	Max.	Year.	Day.	Min.	Year.	Day
January.....	78	1907	7	- 1	1912 †	14
February....	76	1918	28	- 3	1899	10
March.....	94	1907	29	14	1925	3
April.....	96	1925	25	19	1923	1
May.....	96	1925	23	35	1923	10
June.....	100	1914	12	46	1913	10
July.....	100	1926	7	54	1918	3
August.....	107	1918	6	49	1923	22
September....	100	1899	16	41	1914	29
October.....	94	1919	20	28	1917	31
November....	82	1900 ††	13	19	1901	29
December....	77	1927	13	- 2	1917	30
Annual....	107	1918	Aug. 6	- 3	1899	Feb. 10

Extremes of Precipitation and Wind.

Month.	PRECIPITATION (24 hours.).			WIND (Velocity).			
	Max.	Year.	Day.	Max.	Dir.	Year.	Day.
January.....	2.66	1921	9-10	61	SW	1913	3
February....	3.30	1920	3-4	61	SW	1909	10
March.....	3.59	1903	21-22	54	S	1913	27
April.....	5.33	1910	17-18	52	NW	1909	3
May.....	2.39	1907	6-7	53	S	1909	1
June.....	3.26	1918	25-26	60	NW	1917	24
July.....	7.25	1923	30-31	45	S	1906	22
August.....	3.45	1922	26-27	55	NW	1915	1
September....	3.98	1924	29-30	45	NW	1911	12
October.....	2.95	1906	21-22	52	NW	1917	5
November....	2.77	1902	18	46	S	1905*	29
December....	2.52	1909	12-13 July	53	S	1907	23
Annual.	7.26	1923	30,31	61	SW	1909	Feb. 10

Also 1897. † Also 1918, 4th. \* Also SW, 1916, 23rd; 1916, 18th. †† Also 1919, 1st

RICHMOND, VIRGINIA

James River at Richmond.

1927.

Average height of water during the year, with departure from the normal.

	Average height.	Dep. from normal.		Average height.	Dep. from normal.
1927.			1927.		
Jan.	1.4	+0.0	July	0.3	+0.3
Feb.	3.0	+1.2	Aug.	1.0	+0.8
Mar.	1.6	-0.4	Sept.	0.1	+0.8
Apr.	2.7	+2.3	Oct.	1.3	+0.8
May	1.2	-0.2	Nov.	1.2	-0.8
June	0.4	-0.4	Dec.	2.1	+1.2

Highest and Lowest Stages of Water Recorded in each month of the year 1927.

	High-est.	Low-est.		High-est.	Low-est.
1927.			1927.		
Jan.	2.5	-0.5	July	1.5	-0.8
Feb.	10.0	1.4	Aug.	2.1	-0.2
Mar.	2.5	1.0	Sept.	1.3	-0.7
Apr.	7.5	1.0	Oct.	5.3	-0.6
May	1.9	0.5	Nov.	4.2	+0.2
June	1.1	-0.6	Dec.	4.5	0.1

All data recorded to feet and tenths.

1893-1927.

Highest and Lowest Stages of Water Recorded at Richmond, Va. By months and years—Weather Bureau record only.

	Highest	Year.	Lowest	Year.
Jan.	20.5	1902.	-2.0	1900
Feb.	22.0	1899.	-1.7	1904
Mar.	20.5	1899.	-0.8	1901-3
Apr.	14.0	1901.	-1.3	1900
May	20.1	1924.	-1.2	1900
June	14.7	1903-7.	-1.3	1900
July	12.1	1919.	-1.2	1900-1
Aug.	11.7	1908.	-1.2	1900
Sept.	12.5	1893.	-2.8	1899
Oct.	19.4	1924.	-1.4	1904
Nov.	11.2	1900.	-2.8	1899
Dec.	23.2	1901.	-2.8	1899

All data recorded to feet and tenths.

Notable Floods Occurring at Richmond, Va.

October, 1870, 27.0 feet; November, 1877, 28.6 feet; April, 1886, 24.3 feet; July, 1886, 17.2 feet; August, 1889, 22.5 feet; June, 1889, 25.2 feet; January, 1895, 18.2; February, 1899, 22.0; March, 1899, 20.5; May 1901, 19.3; December 1901, 23.2; March 1902, 19.0; October 1906, 18.7; March 1912, 17.8; May 1912, 17.3; March 1913, 17.5; January 1919, 17.2; May 1924, 20.1; Oct. 1924, 19.4.

MISCELLANEOUS DATA FOR 1927.

Barometric pressure, reduced to sea-level: Mean, 30.07 inches; highest, 30.99 inches, Jan. 27; lowest, 29.27 inches, Dec. 16.

Temperature.— Greatest daily range, 37, Apr. 12; least daily range, 4, Apr. 4; greatest monthly range, 63 in Jan.; least monthly range, 35 in Aug.

Precipitation.— Longest period without precipitation, 13 days, Sept. 20 to Oct. 2, inclusive. (Greatest consecutive number of days with precipitation, trace or more, 8 days, Mar. 30 to April 6, inclusive.)

Snow.— Greatest snowfall in 24 hours, 1.3 inches Mar. 2; greatest depth of snow on ground measured at 8 p. m. 1.3 inches Mar. 2; last snow of winter occurred on Mar. 2; first snow of winter occurred on Nov. 8.

Frost.— Last killing frost in spring, Mar. 5, 31 days earlier than the average date; first killing frost in autumn, Nov. 7, 8 days later than the average date.

Thunderstorms.— First, Feb. 24; last, Nov. 17.

Hail—none.



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

ANNUAL METEOROLOGICAL SUMMARY FOR 19 27

Station: Richmond, Va.

Latitude:           °           '; Longitude:           °           '; Altitude:            feet.

County: Henrico Observer: U.S. Weather Bureau

Month	Temperature in degrees Fahrenheit						Precipitation, in inches			Number of days—				Prevailing direction of the wind	Miscellaneous.†
	Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Snowfall	With precipitation	Clear	Partly cloudy	Cloudy		
January	37.9	0.0	74	22	11	27	0.70	-2.32	0.3	9	6	10	15	SW	
February	45.9	+6.3	78	17	26	1	2.87	-2.58	0	14	7	9	12	NE	
March	50.2	+3.0	84	19	23	5	1.95	-1.77	0.5	12	8	12	11	SW	Mar. 5
April	53.8	-2.8	89	20	34	11	3.47	+1.02	0	15	9	10	11	NE	
May	66.2	-0.3	89	19	42	1	3.30	-0.53	0	15	4	15	10	SW	
June	69.4	-4.7	95	29	50	2	3.12	-4.0	0	5	10	12	8	NE	
July	76.0	-2.5	94	29	56	5	9.10	+4.68	0	12	10	14	7	SW	
August	71.3	-5.2	90	7	55	30	2.19	+2.78	0	12	9	11	11	NE	
September	70.6	+0.1	94	15	47	25	4.01	+0.58	0	5	20	9	1	SW	
October	61.4	+1.8	88	1	39	22	2.02	-1.30	0	7	19	6	6	NE	
November	53.1	+4.8	79	12	27	20	1.61	-1.78	0	6	10	12	8	SW	Nov. 7
December	43.8	+1.2	77	18	18	10	5.02	+2.62	0	12	15	3	15	SW	
Sums	696.8	+1.7	.	.	.	.	44.36	+2.73	1.7	124	129	123	113	.	.
Means or extremes	58.1	+0.2	95	June 29	11	Jan 27	.	.	.	.	.	.	.	SW	

\* No data required. † Date of last killing frost in spring and first in autumn should always be given when possible; in absence of such data, the date of last minimum temperature as low as 32° in spring, and first in autumn, should appear, with proper explanatory note.