U. S. Department of Agriculture
WEATHER BUREAU
CHARLES F. MARVIN, Chief

Annual Meteorological Summary

WITH COMPARATIVE DATA

JACKSONVILLE, FLORIDA.
1924

Compiled under the direction of
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Meteorologist.

U. S. WEATHER BUREAU
JACKSONVILLE, FLORIDA.

WBO, Jacksonville, 1—23—25—250

SUMMARY FOR YEAR 1924. JACKSONVILLE, FLORIDA.

MONTH	TEMPERATURE							PRECIPITATION				RELATIVE HUMIDITY			Sunshine (percentage of possible)	WIND					NUMBER OF DAYS										
	MEANS			EXTREMES														HIGHEST											MAXIMUM TEMPERATURE		MINIMUM TEMPERATURE	
	Maximum	Minimum	Monthly	Highest	Date	Lowest	Date	Total	Greatest in 24 hours	Date	Snowfall	8 a. m.	Noon.	8 p. m.		Average hourly velocity	Prevailing direction	Velocity	Direction	Date	Winds 40 miles per hour or more	Clear	Partly Cloudy	Cloudy	Precipitation (.01 inch or more)	Snow (T. or more)	Thunderstorms	Dense fog	32 degrees or below	90 degrees or above	32 degrees or below	Zero or below
January	62	46	54	78	3	21	7	5.09	1.47	16-17	0	82	66	74	47	12.9	ne.	46	sw.	16	1	6	4	21	11	0	1	7	1	0	5	0
February	63	46	55	77	18	31	9	2.65	1.09	25-26	0	75	54	62	72	13.4	w.	40	w.	5	1	12	9	8	9	0	2	1	0	0	1	0
March	66	50	58	85	29	32	11	7.18	3.25	19-20	0	80	62	67	67	13.6	nw.	46	sw.	29	4	14	8	9	11	0	5	1	0	0	1	0
April	76	60	68	83	22	44	2	3.00	1.22	11	0	77	57	71	70	12.2	sw.	54	sw.	30	1	9	12	9	8	0	5	4	0	0	0	0
May	83	66	74	93	29	54	12	0.49	0.32	25	0	74	48	62	77	10.0	sw.	35	nw.	25	0	11	14	6	5	0	5	0	0	4	0	0
June	90	73	81	98	21	67	7	4.21	1.26	11	0	79	60	77	68	9.6	sw.	69	sw.	24	4	2	20	8	17	0	24	0	0	16	0	0
July	89	73	81	94	24	68	12	12.17	2.72	1-2	0	84	61	82	59	9.0	sw.	41	w.	12	1	6	8	17	18	0	21	0	0	15	0	0
August	90	75	82	95	8	68	9	3.55	2.01	8-9	0	82	59	77	80	10.1	sw.	43	ne.	4	1	12	16	3	12	0	17	0	0	15	0	0
September	83	71	77	91	9	58	30	8.83	2.81	23-24	0	84	68	81	63	11.2	se.	69	s.	29	3	9	10	11	17	0	13	0	0	1	0	0
October	74	63	68	80	5	47	23	8.08	4.10	9-10	0	86	74	83	44	14.3	ne.	40	ne.	21	1	6	8	17	10	0	1	1	0	0	0	0
November	70	54	62	81	15	36	30	0.38	0.32	21-22	0	80	57	72	78	12.6	ne.	48	n.	22	1	20	6	4	6	0	1	3	0	0	0	0
December	66	50	58	79	19	34	2	1.15	0.61	25	0	88	70	80	47	12.6	ne.	40	sw.	31	1	9	6	16	8	0	0	6	0	0	0	0
Year	75.9	60.6	68.3	98	June 21	21	Jan. 7	56.83	4.10	Oct. 9-10	0	81	61	74	64	11.8	sw.	69	sw.	Jan 24	19	116	121	129	132	0	95	20	1	51	7	0

MONTHLY AND ANNUAL MEAN STATION PRESSURE.

29.000 inches. Elevation 43 feet.

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An'l
1873...	1.070	1.058	1.112	0.976	0.896	0.960	1.018	0.991	0.950	1.002	1.019	1.136	1.016
1874...	1.152	1.055	1.013	1.000	.934	.976	.996	.952	.950	1.028	1.081	1.159	1.025
1875...	1.114	1.116	1.044	.976	.936	1.040	1.044	.986	.994	1.011	1.022	1.052	1.027
1876...	1.204	1.123	1.013	1.000	.997	.954	.992	.980	.968	.958	.971	1.068	1.013
1877...	1.139	1.083	1.013	.900	.941	1.029	.963	.926	.904	.962	1.013	1.117	.999
1878...	1.028	.928	.971	.820	.938	.914	.915	.901	.922	.985	.996	1.079	.950
1879...	1.135	1.065	1.068	.954	.946	.960	.962	.898	.979	1.005	1.120	1.116	1.017
1880...	1.068	1.107	1.022	1.046	1.000	.995	.978	.951	.993	1.007	1.101	1.042	1.026
1881...	1.081	1.069	.884	.962	.929	.908	.931	.911	.966	1.039	1.086	1.097	.989
1882...	1.128	1.141	1.089	.965	.954	.961	1.012	.977	.950	.934	1.058	1.084	1.022
1883...	1.114	1.193	.987	.939	.959	.971	1.022	.965	.952	.995	1.108	1.104	1.026
1884...	1.154	1.055	1.014	.898	.925	.942	.914	.952	.988	1.021	1.026	1.077	.997
1885...	1.108	.979	1.043	1.001	.893	.982	.975	.918	.910	.897	.980	1.105	.983
1886...	1.001	1.076	.981	.985	.950	.913	.918	.932	1.007	1.053	1.099	1.074	.989
1887...	1.110	1.173	.986	1.003	.938	.938	.961	.888	.985	.945	1.047	1.045	1.002
1888...	1.174	1.015	1.054	1.067	.893	.918	.950	.988	.927	.965	1.012	1.086	1.004
1889...	.993	1.120	.895	.932	.955	1.000	.983	1.021	.949	.987	1.053	1.130	1.006
1890...	1.217	1.066	1.062	1.081	.932	.994	.983	1.004	.967	.936	1.057	1.090	1.032
1891...	1.030	1.056	.952	.991	.949	.897	.998	.964	1.004	1.016	1.078	1.146	1.011
1892...	1.065	1.053	1.006	1.065	.998	.976	1.067	.977	.978	.981	1.075	1.038	1.023
1893...	1.015	1.084	1.027	1.017	.917	.930	.976	.867	.958	.929	1.037	1.154	.993
1894...	1.118	1.096	1.093	1.013	.924	1.013	.999	.967	.927	.919	1.119	1.106	1.024
1895...	1.027	1.072	1.033	.947	.986	1.000	.989	.951	.965	.960	1.051	1.072	1.004
1896...	1.089	.980	1.025	1.103	.996	.950	1.055	.993	.932	.949	1.098	1.110	1.023
1897...	1.109	1.006	1.026	1.017	.951	.939	.940	.965	.983	.946	1.086	1.071	1.003
1898...	1.072	1.081	1.072	.982	.919	.937	.980	.970	.947	.954	1.040	1.091	1.008
1899...	1.108	1.043	1.007	1.018	.999	1.015	.970	.896	.953	.980	1.010	1.075	1.006
1900...	1.072	1.038	1.022	.976	.966	.940	1.022	1.029	.998	.992	1.072	1.074	1.017
1901...	1.074	1.023	1.014	.916	.838	.960	.972	.968	.942	1.054	1.093	1.058	.995
1902...	1.122	.902	.986	.969	.969	.901	1.002	.928	.938	.955	1.004	1.060	.978
1903.	1.012	1.035	1.043	.930	.949	.881	.969	.934	.989	.988	1.024	1.098	.991
1904...	1.062	1.114	1.007	.982	.911	.969	1.022	1.026	1.001	.934	1.000	1.059	1.007
1905...	1.146	1.099	1.019	.928	.939	.917	.965	.923	.939	.990	1.020	1.032	.993
1906...	1.069	1.087	1.019	1.038	.935	.907	.940	.952	.943	.903	1.086	1.169	1.004
1907...	1.206	1.074	1.081	.946	.953	.929	.972	1.010	.974	1.049	1.044	1.066	1.025
1908...	1.048	1.115	1.105	.972	.960	.991	.993	.964	.961	.982	1.082	1.085	1.022
1909...	1.110	1.096	.919	1.010	.927	.975	.964	.933	.953	1.062	1.152	1.037	1.024
1910...	1.159	1.143	1.073	.966	1.007	.947	.998	.950	.995	.946	.968	1.130	1.024
1911...	1.212	1.119	1.059	1.048	.990	.965	1.038	.958	1.021	.964	1.060	1.109	1.045
1912...	1.050	.983	1.059	1.048	.953	.987	1.002	1.014	.937	.930	1.106	1.093	1.018
1913...	1.142	1.045	1.119	1.040	1.000	.997	1.034	.994	1.007	.935	1.144	1.047	1.046
1914...	1.024	1.079	1.031	1.012	1.073	.981	.992	1.039	1.001	.980	1.067	1.045	1.031
1915...	.....	1.069	.959	1.044	.896	.939	.958	.946	.969	.993	1.062	1.093	.....
1916...	1.203	1.067	.999	.973	.926	.923	.959	.995	.963	.970	1.098	1.048	1.010
1917...	1.094	1.117	1.105	.996	.934	1.032	1.008	.968	.945	1.000	1.100	1.187	1.036
1918...	.968	1.132	1.013	.936	1.032	.902	.940	1.024	.955	.992	1.032	1.094	1.006
1919...	1.074	.975	1.063	1.025	.903	.977	1.002	.990	.947	1.048	1.024	1.109	1.011
1920...	1.150	.987	1.065	.884	.994	.979	1.028	1.014	.935	1.072	1.068	1.049	1.019
1921...	1.156	1.049	1.107	1.036	.933	.946	.997	1.039	1.003	.929	1.052	1.071	1.026
1922...	1.129	1.112	1.083	1.070	.920	.973	1.047	.950	.963	.909	1.080	1.095	1.028
1923...	1.120	1.145	1.061	.970	.881	.960	.980	1.001	.974	.980	1.042	1.102	1.018
1924...	1.150	1.053	.893	.972	.901	.949	.976	.942	.921	1.026	1.098	1.157	1.003
Means	1.102	1.069	1.009	.989	.948	.959	.986	.965	.962	.982	1.058	1.090	1.012

EXTREMES OF PRECIPITATION AND WIND.

Month	PRECIPITATION			WIND			
	Greatest in 24 hours	Year	Day	Highest Velocity	Direction	Year	Day
January	3.09	1881	8	59*	SW	1908	11
February.....	4.16	1920	1-2	75	SW	1903	16
March	4.47	1901	23-24	68	S	1908	24
April	4.81	1900	18-19	58	W	1918	4
May	9.06	1903	12-13	64	SW	1915	8
June.....	7.66	1919	29-30	69	SW	1924	24
July	4.55	1895	26-27	60	SW	1917	14
August	6.18	1905	4-5	56	S	1910	12
September.....	9.86	1894	25-26	70	SE	1896	29
October	5.15	1890	1	64	NE	1921	25
November	3.75	1884	27-28	48	N	1924	22
December	4.97	1916	20-21	54	SW	1916	12

* Also on Jan. 11, 1918.

MONTHLY AND ANNUAL AVERAGES OF DAILY MAXIMUM TEMPERATURE.

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An'l
1874...	63.4	68.4	76.4	79.6	84.6	90.7	87.9	90.2	84.9	78.8	72.5	68.6	78.8
1875...	64.7	65.1	73.6	77.2	83.6	89.9	96.3	89.9	86.8	75.9	73.2	67.7	78.6
1876...	69.8	71.1	71.4	73.2	85.1	90.3	93.1	91.2	88.7	74.0	69.6	58.3	78.4
1877...	67.3	64.7	70.8	76.9	80.1	90.7	92.0	89.2	87.5	79.3	70.3	65.7	77.9
1878...	61.7	64.5	74.5	79.7	87.6	88.7	90.8	92.7	83.8	77.4	70.7	63.1	77.9
1879...	64.5	64.0	75.2	77.0	82.0	87.9	92.8	89.5	83.6	80.0	72.5	71.6	78.4
1880...	70.3	69.4	76.9	82.0	81.0	90.2	92.4	88.9	84.6	76.0	68.3	63.3	78.6
1881...	60.6	66.6	67.9	76.4	83.6	91.4	91.9	88.7	87.3	82.4	74.2	68.8	78.4
1882...	70.8	70.1	76.3	78.6	82.6	88.3	89.0	90.1	85.7	79.7	68.6	62.1	79.3
1883...	65.5	73.1	69.1	78.1	82.1	88.9	92.2	89.7	84.6	81.9	71.8	70.2	78.9
1884...	61.0	71.7	75.3	77.1	85.2	84.4	90.6	88.1	84.9	80.6	70.5	65.9	77.9
1885...	64.0	63.3	68.3	77.2	83.1	88.4	91.3	89.5	85.8	75.6	69.9	63.2	76.5
1886...	59.4	62.5	67.2	74.8	85.0	88.6	89.3	88.3	85.4	77.9	71.6	62.9	76.1
1887...	59.8	75.3	69.9	77.3	83.0	87.1	91.3	90.1	84.2	77.7	70.4	64.3	77.5
1888...	67.9	69.6	70.6	80.7	84.8	89.5	90.4	91.0	84.4	73.9	63.8	62.6	78.3
1889...	63.6	60.2	63.4	78.3	85.9	86.5	89.7	87.9	86.3	77.9	73.0	72.7	77.5
1890...	72.9	74.1	70.2	79.1	83.2	91.1	89.5	88.7	87.2	79.9	75.1	66.1	79.8
1891...	64.0	74.4	70.1	76.6	82.5	90.0	89.4	91.1	85.0	75.5	69.2	68.1	78.0
1892...	61.8	66.0	70.5	78.9	85.5	85.2	90.6	90.8	83.9	77.5	70.3	66.6	77.3
1893...	59.4	70.5	70.5	82.3	84.5	88.0	93.6	89.6	87.1	79.5	70.7	67.7	78.7
1894...	67.4	67.4	75.6	78.5	85.3	87.0	89.0	92.0	86.7	79.7	70.1	66.8	78.8
1895...	66.9	57.1	72.8	76.5	82.6	89.9	90.6	91.9	87.4	79.1	69.1	63.7	77.2
1896...	62.7	67.6	71.3	80.5	87.7	88.0	90.9	92.0	87.8	79.5	75.3	62.1	78.8
1897...	61.2	68.4	77.7	77.5	82.7	93.9	91.0	91.5	83.9	79.4	73.9	67.6	79.1
1898...	63.6	65.4	75.2	76.8	87.1	90.9	90.8	89.8	86.5	78.1	70.6	63.2	78.6
1899...	62.8	65.0	75.4	74.4	88.1	89.2	89.5	91.7	85.9	78.3	73.4	63.1	78.1
1900...	60.8	64.6	70.0	78.4	82.0	86.7	90.5	93.0	88.2	81.1	73.3	64.3	77.7
1901...	63.6	60.7	69.6	72.7	85.1	86.3	90.8	88.6	84.5	77.0	65.6	62.3	75.6
1902...	62.2	59.7	71.1	77.1	86.4	89.0	92.4	88.8	84.0	78.7	72.8	65.5	77.3
1903...	60.5	67.6	73.5	74.3	79.1	85.8	89.1	90.2	83.6	76.7	67.4	61.1	75.7
1904...	58.2	66.1	71.0	74.6	81.3	84.5	88.2	88.1	85.7	76.9	68.4	64.6	75.9
1905...	59.1	61.3	71.1	76.7	85.0	87.2	89.3	86.3	86.1	76.5	72.1	60.6	76.0
1906...	63.4	61.8	63.9	77.5	83.3	88.0	87.1	88.0	86.5	75.0	70.8	65.1	76.0
1907...	70.0	67.3	79.4	73.0	82.4	86.3	89.4	89.5	85.8	76.4	70.0	64.2	77.8
1908...	62.8	61.5	76.6	82.0	81.3	85.7	87.2	87.3	82.3	73.9	72.2	69.1	77.1
1909...	67.3	63.4	72.6	77.5	82.0	88.0	88.0	83.7	83.8	78.9	74.0	60.8	77.5
1910...	62.8	64.4	74.0	78.8	83.6	83.5	88.8	87.8	86.2	79.3	69.4	60.4	76.8
1911...	67.3	79.9	73.7	78.1	82.0	92.1	89.1	88.0	89.5	83.1	70.2	68.0	79.4
1912...	61.7	61.9	71.5	78.7	85.3	85.2	89.2	89.3	88.1	80.4	63.9	68.3	77.4
1913...	71.5	66.4	72.8	76.3	83.5	87.0	91.4	88.6	85.0	78.6	71.7	65.9	78.2
1914...	64.0	63.6	67.0	73.8	83.1	91.9	90.3	90.0	84.2	78.8	70.3	61.5	77.0
1915...	.....	.....	64.8	75.9	86.0	87.5	89.7	90.4	86.5	79.3	74.1	63.5	.....
1916...	70.0	66.6	70.0	76.1	83.7	87.0	87.3	89.7	83.3	75.2	70.7	66.8	77.2
1917...	73.0	67.4	74.4	73.3	82.5	87.3	89.2	88.3	81.6	74.2	66.8	57.0	76.4
1918...	65.1	71.2	75.5	74.5	81.1	87.0	85.8	89.5	82.6	79.4	68.2	64.7	76.6
1919...	63.6	64.9	73.3	75.1	82.7	82.8	87.8	89.0	82.6	84.4	73.2	64.8	76.8
1920...	65.0	61.2	67.5	76.6	78.0	85.6	87.8	87.6	85.9	75.7	69.4	63.7	75.3
1921...	65.5	68.5	73.0	76.0	80.5	87.4	86.2	87.5	88.9	76.5	73.5	63.0	78.0
1922...	60.5	79.4	72.5	79.4	83.7	87.8	89.6	85.1	82.9	78.1	72.1	69.2	77.6
1923...	67.9	63.9	73.1	76.7	79.4	84.9	87.4	90.1	85.0	76.6	67.9	68.9	77.1
1924...	61.8	65.2	66.1	75.6	82.6	89.7	88.9	89.6	82.9	73.5	70.3	66.3	75.9
Means	64.4	66.4	72.1	77.4	83.4	88.1	89.9	89.5	85.4	78.1	70.9	65.1	77.6

EXTREMES OF TEMPERATURE, 1871-1924.

Month	Highest	Year	Day	Lowest	Year	Day
January	81	1898*	25	15	1886	12
February	86	1891	19	10	1899	13
March	91	1907	24	26	1899	8
April	92	1896	24	34	1891	6
May	98	1878*	25	46	1894	20
June	101	1914*	24	54	1913*	12
July	104	1879*	11	66	1892*	6
August	101	1900	21	64	1896*	31
September	99	1912	3	49	1897	21
October	95	1911	8	37	1910	30
November	86	1889	13	26	1903*	28
December	82	1912	6	14	1894	29

* Also in earlier years.

FROST DATA.

Last killing frost in spring, 1924 ..... Mar. 16
First killing frost in autumn, 1924 ..... Nov. 26
Average date of last killing frost in spring ..... Feb. 15
Average date of first killing frost in autumn ..... Dec. 6
Latest date of killing frost in spring ..... April 10, 1916
Earliest date of killing frost in autumn ..... Nov. 12, 1894*

Also in 1892.