

Top 5 Warmest and Coldest Months and Years¹

Salem: 1892 through Dec 2023

	Average MAX Temp				Average MIN Temp				Average MEAN Temp			
	warmest		coldest		warmest		coldest		warmest		coldest	
January	52.5	1953	35.5	1930	41.4	1953	19.3	1930	46.9	1953	27.4	1930
	52.1	2018	36.0	1950	40.7	2010	21.2	1949	46.2	2010	29.5	1949
	52.1	2003	37.6	1937	40.6	2020	22.5	1937	45.7	2018	29.6	1950
	52.1	1934	37.7	1916	40.1	1914	23.3	1950	45.6	1934	30.1	1937
	51.8	2010	37.8	1949	39.6	2006	24.4	1979	45.4	2020	31.2	1979
	normal temp 48.4				normal temp 35.8				normal temp 42.1			
February	58.4	1968	42.6	1936	41.3	1926	26.0	1989	48.8	2015	34.7	1989
	57.6	1991	42.7	1956	41.0	1958	27.6	1929	48.6	1991	35.4	1936
	57.1	2015	43.5	1989	40.7	1924	28.3	1936	48.4	2016	36.0	1929
	56.7	2016	44.0	2019	40.4	2015	29.1	1920	48.3	1958	36.7	1923
	56.7	1992	44.0	1923	40.0	2016	29.4	1923	48.1	1968	36.9	1956
	normal temp 52.1				normal temp 35.9				normal temp 44.0			
March	64.6	1934	47.9	1917	43.4	1910	30.2	1954	52.3	1926	40.9	1951
	64.4	1926	48.8	1904	43.2	1905	31.9	1969	52.0	1934	41.4	1955
	63.9	1941	49.6	1951	43.0	1915	32.1	1985	51.9	1915	41.7	1917
	63.2	1992	50.3	1955	42.3	1914	32.3	1951	51.5	2015	41.9	1971
	62.7	2015	50.8	1897	42.1	1928	32.4	1898	51.3	1910	42.5	1976
	normal temp 56.8				normal temp 38.3				normal temp 47.5			
April	72.5	1926	54.2	1917	46.0	1926	33.0	1982	59.3	1926	44.6	1967
	70.7	1934	54.9	1955	44.9	1914	33.1	1967	56.3	2016	45.2	1955
	68.3	2016	55.5	1963	44.8	1915	34.5	1975	56.0	1934	45.3	1975
	68.1	1951	55.6	1893	44.3	2019	35.0	1972	55.7	1918	45.8	1982
	68.1	1918	56.0	2008	44.2	2016	35.0	1970	54.8	1915	45.8	1970
	normal temp 61.6				normal temp 41.0				normal temp 51.3			
May	77.0	1992	59.8	1908	49.4	2023	38.0	1920	61.9	2023	51.4	1962
	76.1	1928	60.4	1962	49.3	1910	39.4	1935	61.0	1958	51.6	1930
	75.2	1947	60.6	1933	49.1	2016	39.4	1930	61.0	1928	51.8	1977
	75.0	1958	61.7	1911	48.8	2015	39.5	1966	60.8	1992	52.1	1965
	74.8	1924	62.1	1977	48.5	2014	39.9	1970	60.6	2016	52.1	1933
	normal temp 69.0				normal temp 46.3				normal temp 57.7			
June	84.2	2015	67.3	1901	55.5	2021	43.4	1976	69.5	2021	56.9	1976
	83.5	2021	67.9	1980	54.5	2015	44.1	1930	69.3	2015	57.0	1954
	81.7	1922	68.0	1954	53.8	1958	44.3	1965	67.0	1926	57.4	1984
	81.4	1900	68.4	1953	53.4	2009	44.5	1984	66.2	1922	57.5	1980
	81.3	1926	68.4	1906	53.4	1969	44.7	1899	66.2	1918	57.5	1953
	normal temp 74.6				normal temp 50.8				normal temp 62.7			
July	88.4	2021	72.7	1909	58.3	2022	44.5	1930	73.3	2021	61.9	1963
	88.4	2015	73.7	1903	58.2	2021	45.2	1893	73.1	2015	62.0	1893
	88.4	1958	74.3	1916	57.9	2015	46.1	1920	73.0	2022	62.3	1930
	88.4	1941	74.5	1993	57.8	2014	46.7	1962	72.5	2014	62.5	1955
	88.2	2018	75.2	1963	57.6	1906	46.8	1929	72.2	2018	62.7	1954
	normal temp 83.5				normal temp 55.1				normal temp 69.3			

¹ Normals are the 1991-2020 climate normals.

Top 5 Warmest and Coldest Months and Years¹

Salem: 1892 through Dec 2023

	Average MAX Temp				Average MIN Temp				Average MEAN Temp			
	warmest		coldest		warmest		coldest		warmest		coldest	
August	91.1	1967	74.0	1899	58.9	2023	45.8	1893	73.0	2023	62.0	1899
	89.0	2017	74.5	1912	58.3	2021	46.3	1980	73.0	2017	62.7	1980
	87.7	2022	75.3	1954	58.3	2014	46.7	1969	72.5	2022	63.0	1975
	87.4	1958	76.0	1903	57.5	2013	46.9	1931	72.5	2014	63.1	1954
	87.3	1929	76.1	1910	57.4	2022	47.1	1970	72.3	2021	63.4	1893
	normal temp 83.6				normal temp 54.8				normal temp 69.2			
September	84.8	1974	65.9	1911	54.6	2013	42.8	1961	67.0	2022	56.6	1893
	82.4	1991	67.2	1893	53.5	2022	42.9	1932	66.6	2011	57.0	1895
	82.0	1943	67.5	1914	53.4	2017	43.1	1972	66.3	2017	57.2	1911
	81.9	1967	68.3	1895	53.3	2020	43.1	1934	66.3	2014	57.6	1972
	81.7	1975	69.0	1910	52.9	2021	43.2	1970	66.3	1918	57.8	1933
	normal temp 77.5				normal temp 50.6				normal temp 64.0			
October	72.4	1987	57.3	1893	49.9	2014	33.0	1919	59.6	1901	46.0	1919
	71.8	1952	58.5	1950	48.9	1901	36.3	1900	59.5	2014	48.3	1893
	71.5	2022	58.5	1919	48.8	2016	36.5	1930	59.1	2022	48.7	1949
	70.5	1936	59.2	1905	48.8	1907	36.7	1972	59.0	2015	49.3	2019
	70.3	1901	59.4	1949	48.3	2015	37.3	1970	57.4	1952	49.9	1969
	normal temp 64.8				normal temp 43.9				normal temp 54.3			
November	59.8	1917	44.5	1985	45.2	1904	28.5	1936	51.1	2016	37.3	1985
	57.8	2016	45.4	1913	45.0	1899	29.3	1952	51.1	1995	38.6	1952
	57.5	1995	45.4	1896	44.7	1995	30.1	1985	50.6	1899	39.4	1978
	57.1	1949	47.9	1952	44.5	2016	30.2	1978	50.5	1917	39.6	1896
	57.1	1923	48.3	1994	44.2	1934	30.3	1929	50.2	1904	40.5	1993
	normal temp 53.6				normal temp 39.0				normal temp 46.3			
December	53.5	1929	40.1	1919	43.3	1917	24.4	1985	47.9	1917	33.2	1985
	52.6	1950	40.9	1990	42.2	1950	26.4	1919	47.4	1950	33.3	1919
	52.5	1917	41.1	1913	41.2	1933	27.6	1978	46.2	1933	34.4	1990
	51.9	1958	41.4	1909	39.5	1907	27.9	1990	45.5	1958	34.7	1978
	51.8	1979	41.9	1978	39.3	2015	27.9	1972	45.1	1929	35.1	1972
	normal temp 47.4				normal temp 35.1				normal temp 41.3			
Annual	67.5	2015	59.9	1909	45.8	2016	37.9	1930	56.7	2015	49.7	1893
	67.2	1934	59.9	1893	45.8	2015	38.2	1985	55.9	2014	50.0	1985
	66.7	1958	60.0	1919	45.7	2014	39.0	1920	55.8	2021	50.1	1930
	66.6	1992	60.5	1903	45.5	2021	39.2	1929	55.8	1926	50.3	1955
	66.4	1926	60.7	1911	45.5	1906	39.3	1970	55.7	2016	50.7	1976
	normal temp 64.4				normal temp 43.9				normal temp 54.1			
Water Year Oct 1 to Sept 30	67.7	2014-5	60.4	1908-9	46.1	2014-5	39.3	1928-9	56.9	2014-5	50.6	1954-5
	67.1	1991-2	60.6	1909-10	45.8	2015-6	39.6	1970-1	56.1	2015-6	50.7	1970-1
	67.0	1933-4	60.8	1910-1	45.7	1917-8	39.6	1930-1	55.7	1925-6	50.8	1975-6
	66.4	2015-6	60.8	1902-3	45.6	1904-5	39.7	1984-5	55.5	2020-1	50.8	1961-2
	66.3	1925-6	60.9	1911-2	45.1	1925-6	39.7	1969-70	55.4	1991-2	51.0	1984-5
	normal temp 64.4				normal temp 43.9				normal temp 54.1			

¹Normals are the 1991-2020 climate normals.

Top 5 Warmest and Coldest Seasons¹

Salem 1892 through Dec 2023

	Average MAX Temp.				Average MIN Temp.				Average MEAN Temp.			
	<i>warmest</i>		<i>coldest</i>		<i>warmest</i>		<i>coldest</i>		<i>warmest</i>		<i>coldest</i>	
Winter Season (Dec 21-Mar 20) [91 days]	54.6	1991-92	46.6	1951-52	38.8	2015-16	31.1	1919-20	46.2	1991-92	39.4	1959-60
	52.9	1967-68	46.6	1955-56	37.9	1907-08	31.7	1959-60	45.7	2015-16	39.7	1951-52
	52.6	2015-16	46.7	1903-04	37.8	1991-92	32.5	1987-88	44.8	1967-68	39.8	1955-56
	52.2	1983-84	47.0	1959-60	37.1	1911-12	32.8	1979-80	43.9	1895-96	40.0	1919-20
	51.5	1895-96	47.0	1915-17	37.0	1903-04	32.8	1951-52	43.6	1907-08	40.5	1931-32
	<i>normal temp 50.6</i>				<i>normal temp 35.7</i>				<i>normal temp 43.2</i>			
Deep Winter (Dec 30-Feb 10) [63 days]	52.7	1933-34	39.4	1948-49	40.7	1917-18	25.0	1948-49	45.5	1933-34	32.2	1948-49
	52.1	2014-15	40.3	1968-69	39.0	2009-10	27.1	1928-29	45.5	2014-15	33.8	1928-29
	51.6	1994-95	40.6	1928-29	38.9	2014-15	27.4	1978-79	45.3	1917-18	34.1	1978-79
	51.5	2002-03	40.6	1949-50	38.4	1933-34	28.1	1949-50	44.9	2009-10	34.3	1949-50
	51.1	2017-18	40.7	1978-79	38.3	1950-51	28.2	1984-85	44.7	1994-95	34.6	1968-69
	<i>normal temp 48.3</i>				<i>normal temp 35.2</i>				<i>normal temp 41.7</i>			
Spring Season (Mar 21-June 20) [92 days]	72.0	1934	60.4	1917	47.1	2016	39.1	1976	59.3	1926	50.7	1976
	71.9	1926	61.2	2011	46.8	1926	39.1	1970	58.7	2016	51.1	1984
	71.6	1992	61.3	2008	46.7	1915	39.3	1967	57.9	1992	51.1	1955
	70.3	2016	61.6	1908	46.5	1910	39.3	1920	57.7	2015	51.4	2008
	69.8	1969	62.0	2010	46.3	1914	39.4	1954	57.7	1934	51.5	1971
	<i>normal temp 65.6</i>				<i>normal temp 44.0</i>				<i>normal temp 54.8</i>			
Summer Season (June 21-Sept 22) [94 days]	86.7	2021	73.8	1912	57.5	2021	45.6	1893	72.1	2021	61.0	1893
	86.0	2022	74.0	1903	56.6	2022	46.6	1929	71.3	2022	61.8	1954
	85.9	1967	74.9	1954	56.4	2014	47.0	1920	70.8	2014	62.5	1955
	85.6	2017	74.9	1910	56.4	2013	47.1	1930	70.5	2015	62.7	1895
	85.1	2014	75.1	1909	56.3	2015	47.4	1980	70.4	2017	63.0	1980
	<i>normal temp 81.3</i>				<i>normal temp 53.3</i>				<i>normal temp 67.3</i>			
Deep Summer (July 5 – Sept 5) [63 days]	88.3	2017	75.0	1912	57.8	2022	45.9	1893	73.0	2022	62.9	1954
	88.2	2022	75.8	1903	57.6	2014	46.5	1920	72.4	2021	62.9	1893
	87.4	1931	76.1	1954	57.5	2021	46.7	1930	72.2	2014	63.7	1899
	87.3	1967	76.2	1909	57.3	2023	47.8	1929	72.1	2017	63.9	1969
	87.3	1958	76.9	1899	56.9	1915	47.3	1969	71.6	2023	64.2	1963
	<i>normal temp 83.1</i>				<i>normal temp 54.5</i>				<i>normal temp 68.7</i>			
Autumn Season (Sept 22-Dec 21) [91 days]	62.1	1929	52.4	1919	44.6	1904	33.4	1985	52.4	1917	43.5	1985
	61.5	1917	53.4	1922	44.3	2014	33.9	1972	52.3	2014	44.2	1972
	61.5	1974	53.7	1985	44.1	2021	35.2	1970	51.6	2015	45.8	1961
	61.2	1936	53.8	1905	44.0	1907	35.3	1961	51.4	1904	45.8	1935
	61.1	1987	54.2	1984	43.4	1906	35.6	1935	51.3	2021	45.8	1922
	<i>normal temp 57.8</i>				<i>normal temp 40.3</i>				<i>normal temp 49.1</i>			
Early Autumn (Sept 15 - Oct 31) [47 days]	76.2	1952	60.0	1893	51.3	2014	38.1	1972	61.4	2014	51.0	1893
	74.8	1974	62.4	1905	49.4	1907	38.6	1919	61.0	2022	51.1	1972
	74.5	1987	62.5	2019	49.0	1914	38.9	1970	60.2	1952	51.3	1919
	73.5	1936	62.9	1911	48.9	1940	39.5	1930	59.6	2015	52.3	2019
	73.4	2022	63.0	2007	48.6	2016	39.7	1974	59.2	2003	52.9	1971
	<i>normal temp 67.9</i>				<i>normal temp 45.2</i>				<i>normal temp 56.5</i>			

¹Normal are based on the 1991-2020 data.