

SALEM: Spring & Autumn FREEZE Data

table format: date of occurrence (month.day) that day's minimum temperature and Julian (J) day

	Last Freeze of Spring			First Freeze of Autumn			Freeze Free Period		Last Freeze of Spring			First Freeze of Autumn			Freeze Free Period
	Date	T	J	Date	T	J			Date	T	J	Date	T	J	
1890	-	-	-	-	-	-	-	1930	5.22	32	142	10.11	32	284	141
1891	-	-	-	-	-	-	-	1931	5.08	32	128	10.11	32	284	155
1892	4.19	30	110	11.07	31	312	201	1932	3.22	30	82	10.28	32	302	219
1893	4.17	29	107	10.13	32	286	178	1933	4.10	30	100	10.15	30	288	187
1894	5.09	31	129	10.11	30	284	154	1934	4.03	29	93	9.25	26	268	174
1895	5.10	32	130	10.29	32	302	171	1935	5.23	32	143	10.22	30	295	151
1896	4.17	32	108	11.06	29	311	202	1936	4.06	30	97	10.21	32	295	197
1897	3.30	28	89	10.15	32	288	198	1937	4.29	31	119	11.30	28	334	214
1898	4.19	32	109	11.08	30	312	202	1938	4.13	32	103	10.16	32	289	185
1899	6.06	32	157	10.13	25	286	128	1939	4.30	32	120	11.09	31	313	192
1900	4.15	32	105	10.08	32	281	175	1940	3.19	32	110	11.04	30	309	198
1901	M	-	-	M	-	-	-	1941	3.24	32	83	11.17	31	321	237
1902	4.11	32	101	9.22	32	265	163	1942	5.11	32	131	11.10	32	314	182
1903	4.12	31	102	12.02	32	336	233	1943	4.26	30	116	11.01	32	305	188
1904	3.31	32	91	12.03	30	338	246	1944	3.28	28	88	11.10	32	315	226
1905	3.30	27	89	10.18	30	291	201	1945	4.13	31	103	10.18	28	291	187
1906	4.02	31	92	11.19	32	325	230	1946	4.07	31	97	10.16	29	289	191
1907	3.16	32	75	11.03	32	307	231	1947	4.11	31	101	11.21	29	325	223
1908	3.09	31	69	11.26	30	331	261	1948	4.27	28	118	10.27	29	301	182
1909	3.10	32	69	11.14	31	318	248	1949	4.30	32	120	10.14	32	287	166
1910	3.06	31	65	11.15	32	319	253	1950	4.26	32	116	10.01	31	274	157
1911	4.14	31	105	10.29	32	302	196	1951	4.22	31	112	10.30	31	303	190
1912	3.21	30	80	11.25	31	329	248	1952	5.04	29	125	11.02	32	307	181
1913	3.26	31	85	11.03	30	307	221	1953	4.10	28	100	11.01	31	305	204
1914	2.16	32	47	11.18	32	322	274	1954	5.01	25	121	10.23	32	296	174
1915	2.15	29	46	12.29	30	363	316	1955	4.26	32	116	11.11	29	315	198
1916	3.04	32	64	10.04	32	278	213	1956	4.17	31	108	10.28	29	302	193
1917	3.17	30	76	10.26	30	299	222	1957	4.20	32	110	11.01	30	305	194
1918	4.04	30	94	11.27	30	331	236	1958	5.13	32	133	11.15	28	319	185
1919	3.27	27	86	10.09	30	282	195	1959	4.19	32	109	10.29	32	302	192
1920	5.30	31	151	10.30	32	304	152	1960	5.22	31	143	11.25	32	330	186
1921	4.14	31	104	9.12	32	255	150	1961	4.26	32	116	9.26	31	269	152
1922	3.28	32	87	11.03	28	307	219	1962	5.04	29	124	11.27	30	331	206
1923	3.18	32	77	11.10	31	314	236	1963	4.28	32	118	10.19	29	292	173
1924	4.24	32	115	11.12	32	317	201	1964	5.25	32	146	10.17	32	291	144
1925	3.29	31	88	11.01	32	305	216	1965	5.14	32	134	9.17	28	260	125
1926	2.12	32	43	12.04	30	338	294	1966	5.28	32	148	10.13	32	286	137
1927	4.11	32	101	10.31	32	304	202	1967	5.01	32	121	11.05	31	309	187
1928	3.14	31	74	10.11	32	285	210	1968	5.07	32	128	10.31	32	305	176
1929	4.18	32	108	10.10	32	283	174	1969	5.04	32	124	10.05	32	278	153

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	Last Freeze of Spring			First Freeze of Autumn			Freeze Free Period		Last Freeze of Spring			First Freeze of Autumn			Freeze Free Period
	Date	T	J	Date	T	J			Date	T	J	Date	T	J	
1970	5.06	31	126	9.13	28	256	129	2000	4.24	30	115	9.23	32	267	151
1971	5.21	32	141	10.16	30	289	147	2001	4.15	31	105	11.07	30	311	205
1972	5.01	31	122	9.26	31	270	147	2002	5.08	31	128	10.12	32	285	156
1973	4.30	31	120	10.03	32	276	155	2003	3.24	29	83	10.30	29	304	220
1974	5.13	32	133	10.05	28	278	144	2004	4.01	31	92	11.04	32	309	216
1975	4.29	30	119	11.12	29	316	196	2005	3.17	30	76	11.07	32	311	234
1976	6.03	32	155	10.17	30	291	135	2006	4.30	32	120	10.26	32	299	178
1977	5.12	31	132	10.17	30	290	157	2007	4.20	32	110	10.26	31	299	188
1978	4.23	31	113	10.21	32	294	180	2008	4.25	32	116	10.11	31	285	168
1979	4.19	32	109	10.17	32	290	180	2009	4.23	32	113	11.29	32	333	219
1980	5.16	32	137	10.16	31	290	152	2010	3.19	32	78	11.21	27	325	246
1981	4.13	28	103	10.12	30	285	181	2011	4.22	31	112	10.26	30	299	186
1982	5.19	32	139	10.19	27	292	152	2012	5.10	32	131	11.25	31	330	198
1983	4.15	32	105	10.16	31	289	183	2013	4.30	32	120	10.29	30	302	181
1984	5.07	30	128	10.23	31	297	168	2014	3.23	32	82	11.11	32	315	232
1985	5.12	30	132	10.08	30	281	148	2015	3.05	30	64	11.21	31	325	260
1986	4.28	28	118	10.12	32	285	166	2016	3.17	31	77	12.06	29	341	263
1987	4.20	32	110	10.15	32	288	177	2017	4.03	31	93	10.31	32	304	210
1988	4.25	30	116	10.27	27	301	184	2018	4.03	30	93	11.09	27	313	219
1989	3.20	29	79	10.15	32	288	208	2019	4.28	32	118	10.09	32	282	163
1990	5.08	31	128	10.07	30	280	151	2020	4.13	32	104	10.25	31	299	194
1991	5.14	32	134	10.30	27	303	168	2021	4.11	29	101	11.21	30	325	223
1992	4.23	31	114	10.14	31	288	173	2022	4.17	32	107	11.09	29	313	206
1993	4.12	30	102	11.01	32	305	202	2023	3.27	29	86	10.28	29	301	216
1994	3.26	32	85	10.11	32	284	198	2024							
1995	4.22	32	112	10.19	32	292	179	2025							
1996	5.08	31	68	10.17	32	291	222	2026							
1997	4.12	30	102	11.15	31	319	216	2027							
1998	4.16	32	106	11.28	32	332	225	2028							
1999	4.06	31	96	10.15	31	288	191	2029							

Averages & Extremes ¹	≤ 24° F	≤ 28° F	≤ 32° F	≤ 36° F
<i>Average Last Occurrence in Spring</i>	3 Feb	1 Mar	13 Apr	5 May
Latest Occurrence in Spring	13 Apr 1968	11 May 1985	6 June 1899	3 Jul 1899
<i>Average First Occurrence in Autumn</i>	28 Nov	16 Nov	31 Oct	17 Oct
Earliest Occurrence in Autumn	14 Oct 1899	13 Sep 1970	12 Sept 1921	30 Jul 1930
<i>Average Freeze-Free Period</i>	200 days			
Shortest Freeze-Free Period	125 days (1965)			
Longest Freeze-Free Period	316 days (1915)			

¹Averages are based on 1991-2020 data. Extremes are 1892 through 2023.