

OCTOBER - Table of Climate Normals (1991-2020) and Extremes (1947-2021)

Oak Ridge, Tennessee – Oak Ridge National Laboratory

Day	Normal Temperatures							Record Temperatures											Record Precipitation				
	Max °F	Max °C	Min °F	Min °C	Avg °F	Avg °C	Precip (in)	Precip (mm)	Max °F	Max °C	Year	Min °F	Min °C	Year	Low Max °F	Low Max °C	Year	High Min °F	High Min °C	Year	Max (in)	Max (mm)	Year
01	78	25.6	54	12.2	66	18.9	0.11	2.8	95	35.0	2019	36	2.2	1974	58	14.4	2011	68	20.0	2019*	1.22	31.0	1964
02	78	25.6	53	11.7	65	18.3	0.11	2.8	96	35.6	2019	34	1.1	1974	56	13.3	1974	67	19.4	1986*	0.40	10.2	1954
03	77	25.0	53	11.7	65	18.3	0.11	2.8	96	35.6	2019	29	-1.7	1974	56	13.3	1961	66	18.9	2021*	1.68	42.7	1957
04	77	25.0	53	11.7	65	18.3	0.10	2.5	89	21.7	1954	30	-1.1	1974	57	13.9	1980	68	20.0	2007	1.52	38.6	1972
05	76	24.4	52	11.1	65	18.3	0.10	2.5	90	32.2	1954	34	1.1	1974*	59	15.0	1980	69	20.6	2007	1.45	36.8	1995
06	76	24.4	52	11.1	64	17.8	0.10	2.5	90	32.2	1951	33	0.6	1985	56	13.3	1968	66	18.9	2021*	1.03	26.2	2014
07	76	24.4	52	11.1	64	17.8	0.10	2.5	90	32.2	2007	32	0.0	1991	57	13.9	2012	66	18.9	2018	1.46	37.1	1955
08	75	23.9	52	11.1	64	17.8	0.10	2.5	88	31.1	2007	29	-1.4	2000	51	10.6	2012	69	20.6	2017	2.52	64.0	2017
09	75	23.9	52	11.1	64	17.8	0.10	2.5	86	30.0	1990	32	0.0	1987	55	12.8	2000	70	21.1	2017	1.35	34.3	1994
10	75	23.9	51	10.6	63	17.2	0.10	2.5	85	29.4	1980*	29	-1.4	2000	56	13.3	1979*	69	20.6	2017	1.30	33.0	2020
11	74	23.3	51	10.6	63	17.2	0.10	2.5	85	29.4	2017*	32	0.3	2000	60	15.6	1993	66	18.9	2017	0.84	21.3	1970
12	74	23.3	51	10.6	63	17.2	0.10	2.5	86	29.8	1997*	32	0.0	1988	56	13.3	1987	65	18.3	2020	1.37	34.8	2004
13	73	22.8	50	10.0	62	16.7	0.10	2.5	84	28.9	1997*	29	-1.7	1988	51	10.6	1977	65	18.3	2014	1.51	38.4	1983
14	72	22.2	49	9.4	62	16.7	0.10	2.5	85	29.4	1954	28	-2.2	1988	58	14.4	1977	63	17.2	1970	1.53	38.9	1970
15	72	22.2	48	8.9	61	16.1	0.10	2.5	83	28.3	2021*	29	-1.7	1978	57	13.9	2004	62	16.7	2021	1.40	35.6	1974
16	71	21.7	47	8.3	60	15.6	0.10	2.5	84	28.9	1950	33	0.6	1986	53	11.7	1954	65	18.3	1947	1.20	30.5	1975
17	71	21.7	47	8.3	59	15.0	0.10	2.5	84	28.9	1953	29	-1.7	1977	50	10.0	2009	64	17.8	2007*	1.65	41.9	1948
18	70	21.1	46	7.8	59	15.0	0.09	2.2	85	29.4	2016	28	-2.2	1948	50	10.0	1948	64	17.8	2007*	1.73	44.0	1966
19	70	21.1	46	7.8	58	14.4	0.09	2.2	89	31.7	2016	23	-5.0	1948	46	7.8	1989	63	17.2	2004*	1.68	42.7	2004
20	70	21.1	46	7.8	58	14.4	0.09	2.2	88	31.1	2016	28	-2.2	1981	45	7.2	1989	66	18.9	1993	1.00	25.4	1984
21	70	21.1	46	7.8	57	13.9	0.09	2.2	85	29.4	1963	28	-2.2	1989*	54	12.2	1997	63	17.2	1984	1.39	35.3	2005
22	70	21.1	46	7.8	57	13.9	0.09	2.2	83	28.3	1947	24	-4.4	1952	50	10.0	1948	62	16.7	1984	2.19	55.6	1984
23	69	20.6	46	7.8	57	13.9	0.09	2.2	84	28.9	1947	27	-2.8	1974	46	7.8	2006	62	16.7	1985	1.55	39.4	1983
24	69	20.6	45	7.2	57	13.9	0.10	2.5	83	28.3	1991	29	-1.7	1952	47	8.3	2005	62	16.7	1947	1.34	34.0	2020
25	69	20.6	45	7.2	56	13.3	0.10	2.5	83	28.3	1991	27	-2.8	1965	48	8.9	1990	61	16.1	2015	2.38	60.5	2010
26	68	20.0	45	7.2	56	13.3	0.10	2.5	84	28.9	1991	25	-3.9	1962	46	7.8	1957	60	15.6	2020	1.70	43.0	1997
27	68	20.0	45	7.2	56	13.3	0.10	2.5	82	27.8	1991	24	-4.4	1962	44	6.7	1957	62	16.7	2004	2.18	55.4	2006
28	68	20.0	45	7.2	56	13.3	0.10	2.5	86	30.0	1991	27	-2.8	2001*	50	10.0	2012*	63	17.2	2004	2.66	67.6	2020
29	67	19.4	44	6.7	56	13.3	0.10	2.5	83	28.3	2016	24	-4.4	1976	42	6.3	2017	65	18.3	2004	1.66	42.2	1970
30	67	19.4	44	6.7	55	12.8	0.11	2.8	85	29.4	2016	21	-6.1	1952	46	7.8	1954	65	18.3	2004	0.75	19.1	1976
31	67	19.4	43	6.7	55	12.8	0.11	2.8	83	28.3	1950	24	-4.4	1954	39	3.9	1993	62	16.7	2004	1.88	47.8	2019