

Climate Normals (1981-2010) and Extremes (1948-2010) for Oak Ridge, Tennessee (Town Site) with 2010 Comparisons

Monthly Variables	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL			
	C	F	C	F	C	F	C	F	C	F	C	F	C	F	C	F	C	F	C	F	C	F	C	F	C	F		
30-Yr Avg. Max. Temperature	8.3	46.9	11.2	52.1	16.4	61.6	21.6	70.8	25.9	78.6	29.8	85.7	31.4	88.5	31.2	88.1	27.7	81.9	22.0	71.6	15.7	60.2	9.4	49.0	20.9	69.6		
2010 Avg. Max. Temperature	5.4	41.8	5.6	42.0	14.2	57.6	24.2	75.6	27.4	81.4	31.7	89.0	32.7	90.8	32.6	90.6	29.0	84.2	23.3	73.9	16.5	61.7	4.7	40.5	20.6	69.1		
63-Yr Record Max. Temperature	25	77	26	79	30	86	33	92	34	93	38	101	41	105	39	103	39	102	32	90	28	83	26	78	41	105		
30-Yr Avg. Min. Temperature	-2.2	28.0	-0.6	30.9	3.1	37.5	7.4	45.4	12.6	54.7	17.3	63.1	19.7	67.5	19.2	66.6	15.2	59.3	8.4	47.2	3.1	37.6	-0.9	30.4	8.5	47.4		
2010 Avg. Min. Temperature	-3.3	26.1	-2.5	27.5	3.2	37.7	9.1	48.4	15.2	59.3	20.7	69.3	21.7	71.1	21.7	71.0	15.9	60.7	7.4	45.4	3.7	38.6	-3.6	25.6	9.1	48.4		
63-Yr Record Min. Temperature	-27	-17	-25	-13	-17	1	-7	20	-1	30	4	39	9	49	10	50	1	33	-6	21	-18	0	-22	-7	-27	-17		
30-Yr Avg. Temperature	3.1	37.5	5.3	41.5	9.8	49.6	14.6	58.3	19.3	66.7	23.6	74.5	25.6	78.1	25.2	77.4	21.5	70.7	15.2	59.4	9.4	48.9	4.3	39.7	14.7	58.5		
2010 Avg. Temperature	1.2	34.1	1.6	34.8	8.7	47.7	16.7	62.0	21.3	70.4	26.2	79.2	27.2	81.0	27.1	80.8	22.5	72.5	15.4	59.7	10.1	50.2	0.6	33.1	14.9	58.8		
2010 Departure from Avg. Temp.	-1.9	-3.4	-3.7	-6.7	-1.1	-1.9	2.1	3.7	2.1	3.7	2.6	4.7	1.6	2.9	1.9	3.4	1.0	1.8	0.2	0.3	0.7	1.3	-3.7	-6.6	0.2	0.3		
30-Yr Avg. Heating Degree Days	471	847	365	657	264	476	125	225	35	63	2	3	0	0	0	0	13	24	111	199	266	479	432	778	2084	3751		
2010 Heating Degree Days	527	948	466	839	296	533	71.1	128	14	25	0	0	0	0	0	0	32	57	92	165	243	437	545	981	2285	4113		
30-Yr Avg. Cooling Degree Days	0	0	0	0	2	4	16	29	68	122	164	296	228	410	217	390	108	194	18	32	1	2	0	0	822	1479		
2010 Cooling Degree Days	0	0	0	0	0	0	24	43	14	25	242	435	278	501	276	496	132	237	5	9	0	0	0	0	970	1746		
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
30-Yr Avg. Precipitation	120.9	4.76	124.2	4.89	120.9	4.76	112.6	4.43	116.6	4.59	98.3	3.87	134.4	5.29	82.1	3.23	98.1	3.86	76.0	2.99	122.2	4.81	131.1	5.16	1337.5	52.64		
2010 Precipitation	199.5	7.85	92.0	3.62	90.7	3.57	74.7	2.94	154.5	6.08	84.4	3.32	151.2	5.95	71.1	2.80	129.6	5.10	97.3	3.83	189.3	7.45	57.2	2.25	1391.3	54.76		
2010 Departure from Avg. Precip.	78.5	3.09	-32.3	-1.27	-30.2	-1.19	-37.9	-1.49	37.9	1.49	-14.0	-0.55	16.8	0.66	-10.9	-0.53	31.5	1.24	21.3	0.84	67.1	2.64	-73.9	-2.91	53.9	2.12		
63-Yr Record Max. Precip.	337.2	13.27	324.7	12.78	311.0	12.24	356.5	14.03	271.9	10.70	283.0	11.14	489.6	19.27	265.8	10.46	176.6	6.95	176.6	6.95	310.5	12.22	321.2	12.64	1939.4	76.33		
63-Yr Record Max. 24-hour Precip.	108.0	4.25	131.6	5.18	120.4	4.74	158.5	6.24	112.0	4.41	94.0	3.70	124.8	4.91	190.1	7.48	129.8	5.11	67.6	2.66	130.1	5.12	130.1	5.12	190.1	7.48		
63-Yr Record Min. Precip.	23.6	0.93	21.3	0.84	54.1	2.13	22.4	0.88	20.3	0.80	13.5	0.53	31.3	1.23	13.7	0.54	Trace	Trace	Trace	Trace	34.8	1.37	Trace	0.67	911.4	35.87		
30-Yr Avg. Snowfall	73.7	2.9	66.1	2.6	25.4	1.0	7.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Trace	Trace	91.5	3.6	264.2	10.4		
2010 Snowfall	127.0	5.0	63.5	2.5	Trace	Trace	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Trace	Trace	0.0	0.0	91.5	3.6	282.0	11.1		
63-Yr Record Snowfall	243.9	9.6	437.0	17.2	533.6	21.0	149.9	5.9	Trace	Trace	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Trace	Trace	165.2	6.5	533.6	21.0	1051.9	41.4		
63-Yr Record 24-hour Snowfall	210.9	8.3	287.1	11.3	304.9	12.0	137.2	5.4	Trace	Trace	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Trace	Trace	165.2	6.5	304.9	12.0	304.9	12.0		
	Days		Days		Days		Days		Days		Days		Days		Days		Days		Days		Days		Days		Days		Days	
30-Yr Avg. Days Max. Temp. >= 90F	0.0		0.0		0.0		0.2		0.8		8.0		14.5		13.1		3.9		0.0		0.0		0.1		40.6			
2010 No. Days Max. Temp. >= 90F	0		0		0		0		0		14		21		18		6		0		0		0		59			
30-Yr Avg. Days Min. Temp <= 32F	21.6		16.6		10.7		2.7		0		0.0		0.0		0.0		0.0		1.7		10.4		18.8		82.5			
2010 Days Min. Temp <= 32F	21		23		6		0		0		0		0		0		0		0		8		26		84			
30-Yr Avg. Days Max. Temp <= 32F	2.8		0.9		0.1		0		0		0.0		0.0		0.0		0.0		0.0		0.0		1.6		5.4			
2010 Days Max. Temp <= 32F	9		3		0		0		0		0		0		0		0		0		0		5		17			
30-Yr Avg. Days Precip. >= 0.01 in.	11.8		11.0		11.7		10.4		11.7		11.1		12.4		9.6		8.4		8.4		9.6		12.0		128.1			
2010 Days Precip. >= 0.01 in.	12		9		10		5		13		13		12		8		10		6		11		13		122			
30-Yr Avg. Days Precip. >= 1.00 in.	1.3		1.4		1.2		1.2		1.3		1.0		1.4		0.8		1.3		1.0		1.5		1.6		15.0			
2010 Days Precip. >= 1.00 in.	2		1		1		1		3		0		1		0		0		1		1		0		11			

1948-1964 CHEYENNE HALL Area; 1965-1999 NOAA-ATDD; 1999-2010 KOQT ASOS

