Cooperative Observer Station Summary

TAHLEQUAH (348677)

* CHEROKEE County — Climate Division: 6
* Latitude: 3556N; Longitude: 09458W — Elevation: 849 ft
* Precipitation Period of Record: 19000101-20040531 (82%)
* Temperature Period of Record: 19000101-20040531 (82%)

Monthly Averages (1971-2000)

	Temperature (deg Fahrenheit)			Precipitation (inches)	Snowfall and Sleet (inches)
	Daily Max	Daily Min	Daily Avg	Monthly Average	Monthly Average
January	NA	26.3	NA	2.41	2.7
February	54.1	30.4	41.7	2.35	2.0
March	63.7	39.6	51.4	4.14	.3
April	72.6	47.9	59.9	4.02	.0
May	79.2	56.8	67.6	5.61	.0
June	86.3	64.5	75.1	5.15	.0
July	92.0	68.7	80.0	3.55	.0
August	92.1	67.7	79.6	3.24	.0
September	84.3	60.6	72.1	5.27	.0
October	73.8	NA	NA	4.28	.0
November	60.4	NA	NA	4.58	.6
December	50.7	29.7	39.9	3.30	.9
Annual	71.6	NA	NA	48.66	6.3

Average Number of Days Per Month (1971-2000)

	Temperature					Precipitation						Snowfall and Sleet				
	Max>100	Max>90	Max<32	Min<32	Min<0	any	meas	0.10"+	0.25"+	0.50"+	1.00"+	any	meas	0.50"+	1.00"+	Glazing
Jan	NA	NA	NA	22	*	8	6	4	3	2	1	2	1	1	1	2
Feb	0	0	2	16	*	7	6	4	3	2	1	1	1	1	1	1
Mar	0	*	*	8	0	9	8	6	4	3	1	*	*	*	*	*
Apr	0	*	0	2	0	9	8	6	5	3	1	0	0	0	0	0
May	0	*	0	0	0	10	10	8	6	4	2	0	0	0	0	0
Jun	*	9	0	0	0	9	8	7	5	3	2	0	0	0	0	0
Jul	3	21	0	0	0	6	6	4	3	2	1	0	0	0	0	0
Aug	3	22	0	0	0	6	5	4	3	2	1	0	0	0	0	0
Sep	1	9	0	*	0	8	8	6	5	3	1	0	0	0	0	0
Oct	0	*	0	NA	NA	7	7	5	4	3	1	*	0	0	0	*
Nov	0	0	*	NA	NA	8	7	6	4	3	2	*	*	*	*	*
Dec	0	0	2	19	*	7	6	5	3	2	1	1	*	*	*	1
Ann	6	61	7	NA	NA	95	85	67	49	31	15	4	3	2	2	4

Exceedence Values (2 in 10 years)

Month	Maximum Temperature Higher Than:	Minimum Temperature Lower Than:	Precipitation Less Than:	Precipitation Greater Than:
January	74	-2	.85	3.15

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February	78	4	.96	3.64
March	85	13	1.69	5.09
April	89	26	2.30	6.68
May	91	36	3.33	7.94
June	99	47	2.18	8.30
July	104	54	.93	5.12
August	106	53	1.65	5.27
September	101	38	2.01	6.29
October	91	26	1.53	6.21
November	81	15	1.12	5.23
December	75	5	.88	4.36
Annual	108	-5	36.52	53.73

Monthly Extremes

	Temperature (F) (1900-2004)		Precipitation (inches) (1900-2004)		Snowfall (1900-2004)		
	Record High	Record Low	Monthly Max	Daily Max	Monthly Max	Daily Max	Greatest Depth
Jan	78 (11th, 1916)	-23 (18th, 1930)	7.41" (1932)	3.73" (21st, 1916)	17.5" (1977)	14.0" (9th, 1977)	14.0" (9th, 1977)
Feb	88 (22nd, 1996)	-13 (10th, 1929)	8.68" (1938)	3.60" (17th, 1938)	11.4" (1961)	8.0" (23rd, 1975)	11.0" (24th, 1975)
Mar	96 (21st, 1916)	-10 (12th, 1948)	10.82" (1945)	3.78" (12th, 1975)	18.0" (1964)	12.0" (10th, 1964)	14.0" (6th, 1989)
Apr	94 (5th, 1946)	19 (3rd, 1936)	11.28" (1945)	4.03" (15th, 1945)	2.6" (1957)	2.6" (13th, 1957)	2.0" (13th, 1957)
May	97 (31st, 1934)	30 (4th, 1954)	17.35" (1943)	4.72" (10th, 1943)	.0" -	.0" -	.0" -
Jun	108 (22nd, 1936)	41 (4th, 1919)	14.23" (2000)	4.04" (9th, 1974)	.0" -	.0" -	.0" -
Jul	118 (18th, 1936)	45 (31st, 1971)	13.44" (1961)	6.13" (15th, 1961)	.0" -	.0" -	.0" -
Aug	118 (9th, 1936)	45 (31st, 1915)	13.09" (1915)	7.35" (14th, 2002)	.0" -	.0" -	.0" -
Sep	109 (3rd, 1939)	28 (30th, 1984)	12.67" (1970)	6.23" (26th, 1996)	.0" -	.0" -	.0" -
Oct	98 (1st, 1953)	16 (30th, 1917)	16.45" (1941)	6.60" (9th, 1970)	.0" (1913)	.0" (26th, 1913)	.1" (30th, 1993)
Nov	89 (1st, 1927)	6 (24th, 1950)	11.34" (1994)	5.37" (5th, 1994)	4.7" (1972)	3.5" (23rd, 1971)	4.0" (23rd, 1971)
Dec	80 (14th, 1948)	-14 (23rd, 1989)	7.52" (1984)	3.10" (24th, 1932)	7.4" (1969)	5.5" (11th, 1985)	6.0" (31st, 1969)
Annual	118 (Jul 18, 1936)	-23 (Jan 18, 1930)	17.35" (May 1943)	7.35" (Aug 14, 2002)	18.0" (Mar 1964)	14.0" (Jan 9, 1977)	14.0" (Jan 9, 1977)

First Freezing Temperature in Fall

Probability	24 F or Lower	28 F or Lower	32 F or Lower
1 Year in 10	October 30	October 20	October 8
2 Years in 10	November 3	October 25	October 16
5 Years in 10	November 14	November 6	October 26

Last Freezing Temperature in Spring

Probability	24 F or Lower	28 F or Lower	32 F or Lower
1 Year in 10	April 3	April 14	April 24

2 Years in 10	March 29	April 8	April 20
5 Years in 10	March 18	March 28	April 11

Number of Days in Growing Season

Probability	Higher Than 24 F	Higher Than 28 F	Higher Than 32 F
9 Years in 10	214	200	178
8 Years in 10	221	205	182
5 Years in 10	244	223	198
2 Years in 10	269	238	214
1 Year in 10	276	248	230