



Weather History for Forest Lakes, Arizona

Recorded at Chevelon Ranger Station from 1959 until it's closing in December 2001

The Chevelon Ranger Station site is located approximately 15 miles NNW of Forest Lakes at an elevation of 7050' (Roughly 500' lower than Forest Lakes)

Climate Summary

Forest Lakes, Arizona

(Recorded at Chevelon Ranger Station)

Monthly Climate Summary

Period of Record 5/1/1959 to 3/31/2004

Forest Lakes, Arizona

1971-2000 Monthly Climate Summary

(Recorded at Chevelon Ranger Station)

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| Average Max. Temperature (F) | 42.6 | 46.5 | 51.4 | 59.1 | 68.0 | 78.5 | 81.9 | 79.1 | 73.5 | 63.2 | 49.8 | 43.7 | 61.60 |
| Average Min. Temperature (F) | 19.1 | 22.9 | 27.2 | 32.5 | 39.5 | 48.0 | 55.2 | 53.7 | 46.8 | 36.0 | 25.2 | 19.7 | 35.60 |
| Average Total Precipitation (in.) | 1.51 | 1.51 | 1.70 | 0.81 | 0.73 | 0.67 | 2.64 | 3.42 | 2.15 | 1.73 | 1.68 | 1.48 | 20.01 |

Unofficial values based on averages/sums of smoothed daily data. Information is computed from available daily data during the 1971-2000 period. Smoothing, missing data and observation-time changes may cause these 1971-2000 values to differ from official NCDC values. This table is presented for use at locations that don't have official NCDC data. No adjustments are made for missing data or time of observation. Check [NCDC normals](#) table for official data.

Annual Averages for Flagstaff and Show Low

| Month | Avg. High | Avg. Low | Mean | Avg. Precip. | Record High | Record Low |
|---------------------|-----------|----------|------|--------------|-------------|--------------|
| Jan | 42°F | 15°F | 29°F | 2.00 in. | 66°F (1971) | -22°F (1971) |
| Feb | 45°F | 17°F | 32°F | 2.10 in. | 71°F (1986) | -23°F (1985) |
| Mar | 49°F | 21°F | 35°F | 2.60 in. | 73°F (1988) | -16°F (1966) |
| Apr | 57°F | 26°F | 42°F | 1.50 in. | 80°F (1992) | -2°F (1975) |
| May | 67°F | 33°F | 50°F | 0.70 in. | 87°F (1974) | 14°F (1975) |
| Jun | 78°F | 41°F | 60°F | 0.40 in. | 96°F (1970) | 22°F (1951) |
| Jul | 81°F | 50°F | 66°F | 2.80 in. | 97°F (1973) | 32°F (1955) |
| Aug | 79°F | 48°F | 64°F | 2.80 in. | 92°F (1978) | 24°F (1968) |
| Sep | 73°F | 41°F | 57°F | 2.00 in. | 90°F (1950) | 23°F (1971) |
| Oct | 63°F | 31°F | 47°F | 1.60 in. | 85°F (1980) | -2°F (1971) |
| Nov | 51°F | 22°F | 37°F | 2.00 in. | 74°F (1977) | -13°F (1958) |
| Dec | 43°F | 15°F | 30°F | 2.40 in. | 68°F (1950) | -23°F (1990) |

Flagstaff

24.9 in. of Rain

| Month | Avg. High | Avg. Low | Mean | Avg. Precip. | Record High | Record Low |
|---------------------|-----------|----------|------|--------------|--------------|--------------|
| Jan | 46°F | 15°F | 31°F | 1.30 in. | 72°F (1969) | -25°F (1963) |
| Feb | 50°F | 19°F | 35°F | 1.30 in. | 78°F (1954) | -18°F (1962) |
| Mar | 55°F | 23°F | 39°F | 1.50 in. | 78°F (1954) | -12°F (1966) |
| Apr | 63°F | 27°F | 46°F | 0.70 in. | 84°F (1962) | 2°F (1972) |
| May | 72°F | 34°F | 54°F | 0.60 in. | 91°F (1984) | 13°F (1967) |
| Jun | 82°F | 42°F | 63°F | 0.40 in. | 100°F (1970) | 21°F (1955) |
| Jul | 85°F | 52°F | 69°F | 3.10 in. | 100°F (1989) | 30°F (1968) |
| Aug | 82°F | 50°F | 66°F | 3.00 in. | 98°F (1969) | 30°F (1968) |
| Sep | 76°F | 44°F | 61°F | 2.10 in. | 94°F (1996) | 21°F (1965) |
| Oct | 67°F | 32°F | 50°F | 1.50 in. | 87°F (1996) | 6°F (1965) |
| Nov | 55°F | 23°F | 40°F | 1.50 in. | 78°F (1980) | -11°F (1976) |
| Dec | 47°F | 17°F | 32°F | 1.90 in. | 70°F (1958) | -22°F (1968) |

Show Low

18.9 in. of Rain

Temperature

Forest Lakes, Arizona

(As recorded at Chevelon Ranger Station)

Period of Record - Temperature

From Year 1959 To 2004

| Station:(021574) CHEVELON R S | | | | | | | | | | | | | | | |
|-------------------------------|------------------|--------|--------|----------------|---------------|-------|---------------|------------------|------|-------------|------------|---------|------------|---------|--------|
| | Monthly Averages | | | Daily Extremes | | | | Monthly Extremes | | | Max. Temp. | | Min. Temp. | | |
| | F Max. | F Min. | F Mean | F High | dd/yyyy Date | F Low | dd/yyyy Date | Highest Mean | Year | Lowest Mean | Year | >= 90 F | <= 32 F | <= 32 F | <= 0 F |
| January | 42 | 18.5 | 30.3 | 67 | 04/1969 | -21 | 13/1963 | 36.9 | 86 | 24 | *** | 0 | 4.3 | 28.8 | 1.2 |
| February | 46.3 | 22.3 | 34.3 | 69 | 19/1981 | -12 | 01/1985 | 40 | 63 | 28.2 | *** | 0 | 1.6 | 25.8 | 0.5 |
| March | 50.7 | 26.4 | 38.5 | 72 | 27/2004 | -3 | 04/1966 | 44.2 | 89 | 33.1 | *** | 0 | 0.8 | 24.5 | 0 |
| April | 59.6 | 32.3 | 45.9 | 80 | 18/1962 | 5 | 07/1975 | 53.1 | 89 | 40.1 | *** | 0 | 0.1 | 14.9 | 0 |
| May | 68.7 | 39.6 | 54.2 | 88 | 29/2000 | 19 | 13/1971 | 61.4 | 84 | 49 | 80 | 0 | 0 | 5.5 | 0 |
| June | 79.1 | 48 | 63.5 | 95 | 23/1961 | 27 | 07/1993 | 69.1 | 74 | 58 | 65 | 2.1 | 0 | 0.5 | 0 |
| July | 82.3 | 55.7 | 69.1 | 96 | 04/1973 | 37 | 02/1992 | 72.4 | 72 | 66.2 | 76 | 3.2 | 0 | 0 | 0 |
| August | 79.1 | 53.6 | 66.4 | 93 | 04/1960 | 35 | 23/1968 | 71 | 72 | 60.9 | 68 | 0.7 | 0 | 0 | 0 |
| September | 73.8 | 47 | 60.4 | 87 | 09/1974 | 25 | 20/1978 | 64 | 83 | 56.5 | 85 | 0 | 0 | 0.6 | 0 |
| October | 63.9 | 36 | 49.9 | 85 | 12/1959 | 5 | 30/1971 | 54.8 | 64 | 44.6 | 71 | 0 | 0.1 | 9.4 | 0 |
| November | 51.8 | 26.7 | 39.2 | 75 | 09/1980 | -7 | 28/1976 | 44.2 | 95 | 33 | 92 | 0 | 1.3 | 22 | 0.1 |
| December | 43.4 | 19.4 | 31.2 | 70 | 27/1980 | -18 | 23/1990 | 36.6 | 81 | 26 | 90 | 0 | 4.1 | 28.6 | 0.9 |
| <hr/> | | | | | | | | | | | | | | | |
| | F Max. | F Min. | F Mean | F High | yyyymmdd Date | F Low | yyyymmdd Date | Highest Mean | Year | Lowest Mean | Year | >= 90 F | <= 32 F | <= 32 F | <= 0 F |
| Annual | 61.7 | 35.4 | 48.6 | 96 | 19730704 | -21 | 19630113 | 49.6 | 66 | 46.8 | 64 | 6 | 12.4 | 160.5 | 2.8 |
| Winter | 43.9 | 20 | 31.9 | 70 | 19801227 | -21 | 19630113 | 35.8 | 96 | 28.8 | 89 | 0 | 10.1 | 83.2 | 2.6 |
| Spring | 59.7 | 32.8 | 46.2 | 88 | 20000529 | -3 | 19660304 | 51.5 | 89 | 43 | 91 | 0 | 0.9 | 44.9 | 0 |
| Summer | 80.2 | 52.4 | 66.3 | 96 | 19730704 | 27 | 19930607 | 69 | 60 | 63.7 | 64 | 6 | 0 | 0.5 | 0 |
| Fall | 63.2 | 36.6 | 49.8 | 87 | 19740909 | -7 | 19761128 | 53.4 | 67 | 47.3 | 61 | 0 | 1.4 | 31.9 | 0.1 |

Table updated on Jun 24, 2004

For monthly and annual means, thresholds, and sums:

Months with 5 or more missing days are not considered

Years with 1 or more missing months are not considered

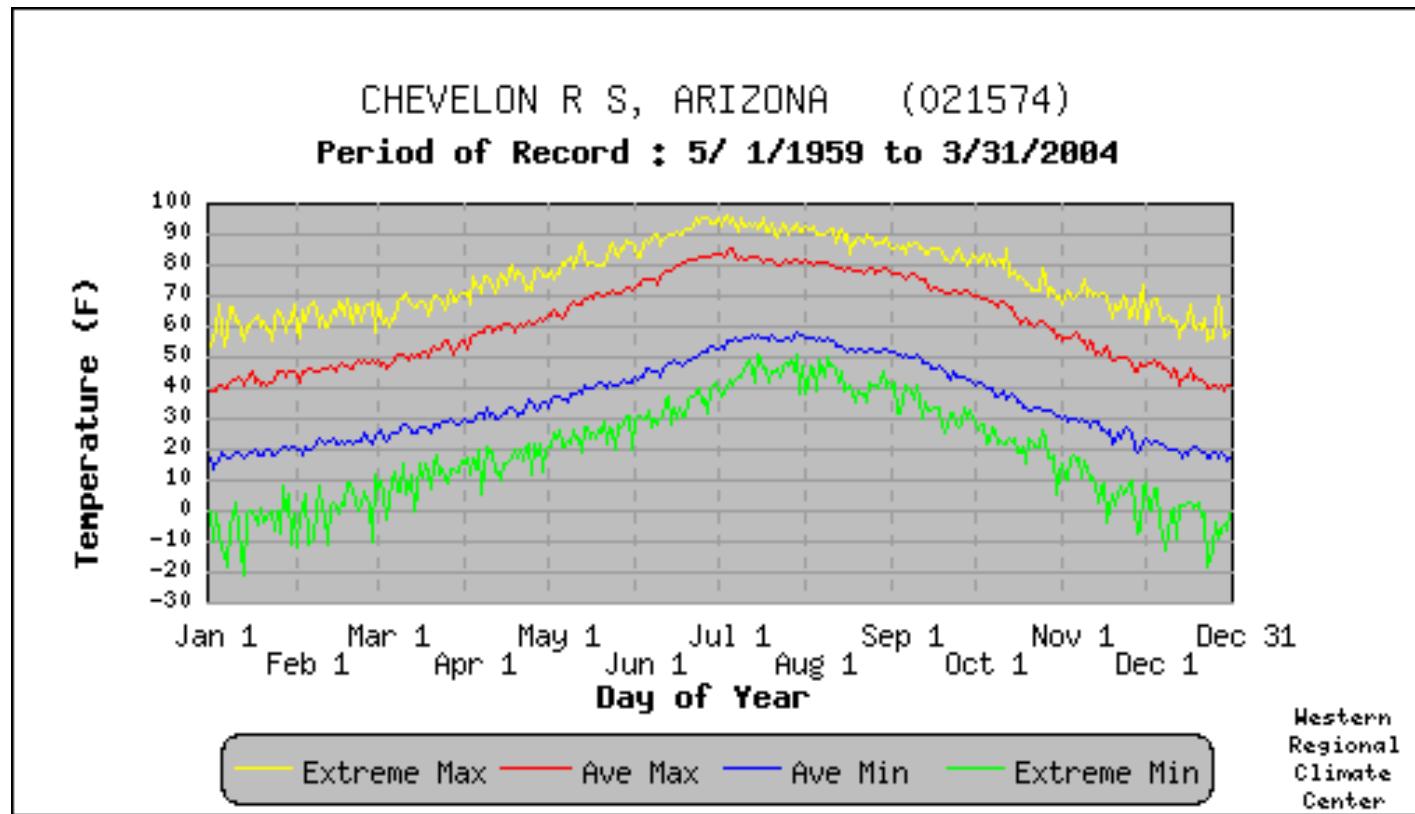
Seasons are climatological not calendar seasons

Winter = Dec.- Feb. Spring = Mar. - May

Summer = Jun. - Aug. Fall = Sep. - Nov.

Forest Lakes, Arizona

Daily Temperature Averages and Extremes



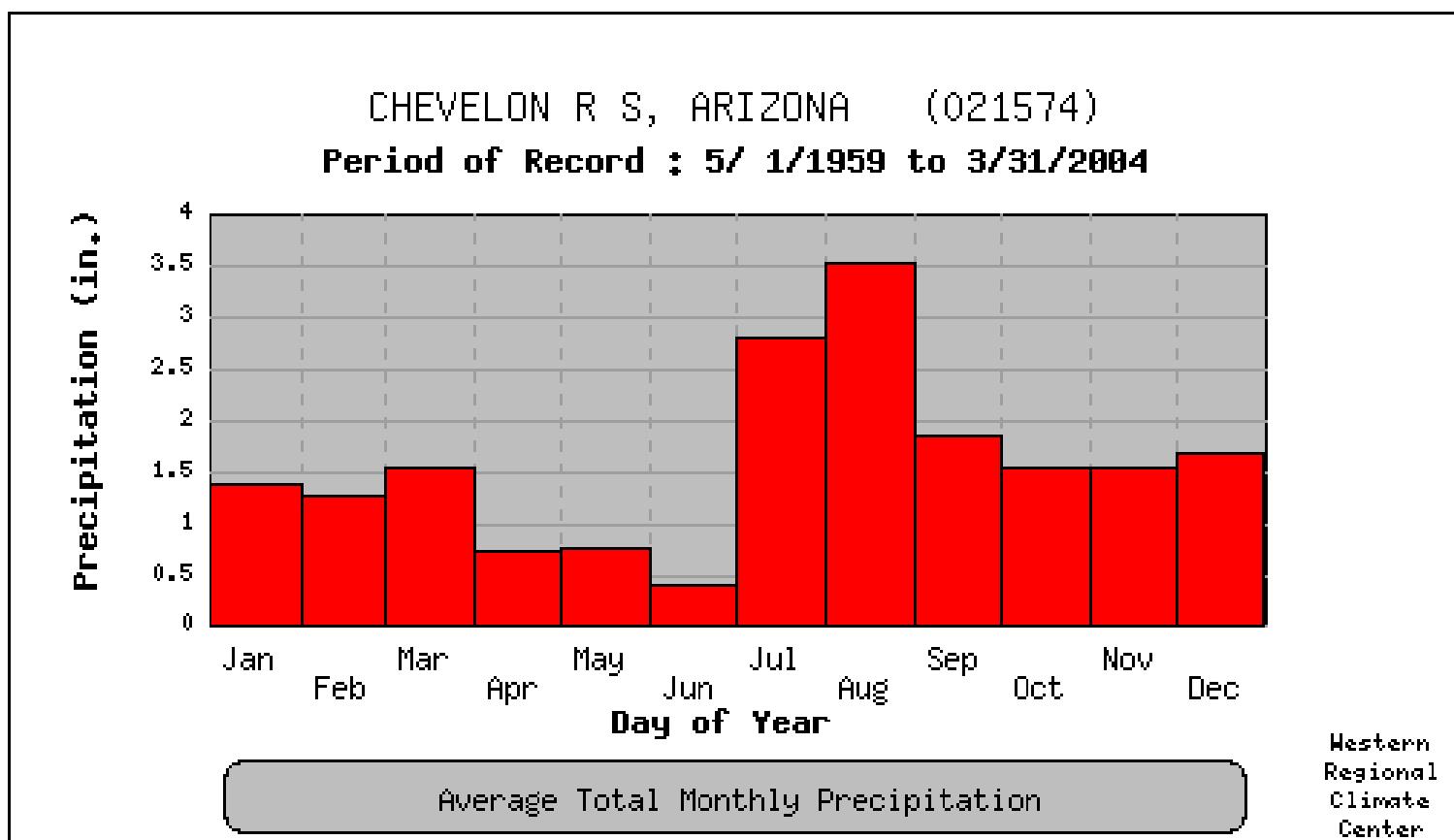
- Yellow circle: Extreme Max. is the maximum of all daily maximum temperatures recorded for the day of the year.
- Red circle: Ave. Max. is the average of all daily maximum temperatures recorded for the day of the year.
- Blue circle: Ave. Min. is the average of all daily minimum temperatures recorded for the day of the year.
- Green circle: Extreme Min. is the minimum of all daily minimum temperatures recorded for the day of the year.

Precipitation

Forest Lakes, Arizona

(As recorded at Chevelon Ranger Station)

Monthly Average Total Precipitation



Forest Lakes, Arizona

Period of Record General Climate Summary - Precipitation

| Station:(021574) Chevelon Ranger Station (<i>Forest Lakes</i> in ITALICS) | | | | | | | | | | | | | | | | |
|--|---------------|--------------|-----------|--------------|-----------|-------------|-----------------|-------------|-------------|-------------|-------------|-------------|----------------|-----------|--|--|
| From Year=1959 To Year=2004 | | | | | | | | | | | | | | | | |
| | Precipitation | | | | | | | | | | | | Total Snowfall | | | |
| | Mean | High | Year | Low | Year | 1 Day Max. | | >= 0.01 in. | >= 0.10 in. | >= 0.50 in. | >= 1.00 in. | Mean | High | Year | | |
| | in. | in. | - | in. | - | in. | dd/yyyy | # Days | # Days | # Days | # Days | in. | in. | - | | |
| January | 1.40 | 5.19 | 05 | 0.00 | 72 | 2.35 | 08/1993 | 5 | 4 | 1 | 0 | 11.2 | 41.0 | 97 | | |
| February | 1.24 | 4.73 | 80 | 0.00 | 72 | 1.93 | 20/1980 | 5 | 3 | 1 | 0 | 8.2 | 38.5 | 73 | | |
| March | 1.53 | 5.66 | 91 | 0.00 | 97 | 1.90 | 06/2000 | 6 | 4 | 1 | 0 | 7.6 | 51.0 | 73 | | |
| April | 0.69 | 2.62 | 65 | 0.00 | 72 | 1.25 | 22/1988 | 4 | 2 | 0 | 0 | 4.0 | 22.0 | 99 | | |
| May | 0.75 | 2.91 | 81 | 0.00 | 63 | 2.21 | 28/1981 | 4 | 2 | 0 | 0 | 0.2 | 3.0 | 82 | | |
| June | 0.40 | 2.62 | 88 | 0.00 | 61 | 0.97 | 22/1972 | 3 | 1 | 0 | 0 | 0.0 | 0.0 | 59 | | |
| July | 2.80 | 5.86 | 64 | 0.44 | 100 | 2.32 | 20/1998 | 11 | 7 | 2 | 0 | 0.0 | 0.0 | 59 | | |
| August | 3.42 | 9.50 | 71 | 0.73 | 79 | 3.50 | 27/1971 | 12 | 8 | 2 | 1 | 0.0 | 0.0 | 59 | | |
| September | 1.78 | 4.90 | 04 | 0.00 | 04 | 2.95 | 19/2004 | 7 | 5 | 1 | 1 | 0.1 | 4.0 | 65 | | |
| October | 1.43 | 6.30 | 72 | 0.00 | 64 | 2.10 | 19/1972 | 4 | 3 | 1 | 0 | 0.5 | 4.5 | 72 | | |
| November | 1.50 | 5.79 | 78 | 0.00 | 80 | 2.78 | 11/1978 | 4 | 3 | 1 | 0 | 3.9 | 22.0 | 93 | | |
| December | 1.63 | 7.44 | 67 | 0.00 | 73 | 2.76 | 18/1978 | 5 | 3 | 1 | 0 | 9.2 | 80.0 | 67 | | |
| | yyyy/mm/dd | | | | | | | | | | | | | | | |
| Annual | 18.57 | 25.34 | 93 | 11.88 | 70 | 3.50 | 19710827 | 72 | 44 | 11 | 3 | 44.8 | 103.0 | 67 | | |
| Winter | 4.26 | 14.06 | 93 | 0.62 | 100 | 2.76 | 19781218 | 16 | 10 | 2 | 1 | 28.6 | 91.0 | 68 | | |
| Spring | 2.98 | 7.10 | 73 | 0.52 | 66 | 2.21 | 19810528 | 14 | 8 | 2 | 0 | 11.8 | 66.0 | 73 | | |
| Summer | 6.62 | 11.80 | 71 | 2.11 | 79 | 3.50 | 19710827 | 27 | 15 | 4 | 1 | 0.0 | 0.0 | 59 | | |
| Fall | 4.72 | 9.57 | 85 | 1.67 | 79 | 2.78 | 19781111 | 16 | 10 | 3 | 1 | 4.5 | 22.0 | 93 | | |

Table updated on Jun 24, 2004

For monthly and annual means, thresholds, and sums:

Months with 5 or more missing days are not considered

Years with 1 or more missing months are not considered

Seasons are climatological not calendar seasons

Winter = Dec., Jan., and Feb. Spring = Mar., Apr., and May

Summer = Jun., Jul., and Aug. Fall = Sep., Oct., and Nov.

Forest Lakes, Arizona

Monthly Total Precipitation (inches)

Chevelon Ranger Station (021574) (*Forest Lakes in ITALICS*)

File last updated on Aug 19, 2004

*** Note *** Provisional Data *** After Year/Month 200405

a = 1 day missing, b = 2 days missing, c = 3 days, ..etc.,

z = 26 or more days missing, A = Accumulations present

Long-term means based on columns; thus, the monthly row may not sum (or average) to the long-term annual value.

MAXIMUM ALLOWABLE NUMBER OF MISSING DAYS : 5

Individual Months not used for annual or monthly statistics if more than 5 days are missing.

Individual Years not used for annual statistics if any month in that year has more than 5 days missing.

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|--------|
| 1959 | 0.00z | 0.00z | 0.00z | 0.00z | 0.26 | 0.42 | 1.77 | 4.18 | 1.15 | 4.83 | 0.75 | 4.18 | 17.54 |
| 1960 | 1.77 | 1.04 | 0.85 | 0.15 | 0.67 | 0.05 | 0.61 | 2.75 | 0.94 | 3.79 | 1.10 | 1.08 | 14.80 |
| 1961 | 0.22 | 0.70 | 2.14 | 0.27 | 0.09 | 0.00 | 1.80 | 5.66 | 2.18 | 1.59 | 1.55 | 1.90 | 18.10 |
| 1962 | 1.90 | 2.19 | 0.58 | 0.13 | 0.09 | 0.88 | 2.38 | 0.97 | 2.48 | 1.29 | 1.50 | 0.57 | 14.96 |
| 1963 | 0.66 | 0.68 | 0.94 | 0.55 | 0.00 | 0.00 | 1.48 | 6.97 | 2.74 | 1.34 | 1.32 | 0.37 | 17.05 |
| 1964 | 0.84 | 0.95 | 1.83 | 0.67 | 0.12 | 0.43 | 5.86 | 2.54 | 1.45 | 0.00 | 1.33 | 2.23 | 18.25 |
| 1965 | 2.53 | 1.61 | 0.61 | 2.62 | 1.11 | 0.40 | 3.40 | 1.42 | 1.15 | 0.72 | 2.34 | 5.24 | 23.15 |
| 1966 | 0.93 | 0.31 | 0.49 | 0.03a | 0.00 | 0.18 | 4.49 | 3.54 | 2.04 | 1.58 | 1.32 | 2.22 | 17.13 |
| 1967 | 0.31 | 0.01 | 0.98 | 0.33 | 1.26 | 1.08 | 4.00 | 3.01 | 1.75 | 0.06 | 1.25 | 7.44 | 21.48 |
| 1968 | 0.80 | 0.50 | 1.03 | 0.68 | 0.29 | 0.00 | 2.53 | 3.22 | 0.22 | 1.46 | 0.43c | 1.14 | 12.30 |
| 1969 | 1.70 | 1.18 | 0.75 | 0.38 | 2.15 | 0.00 | 4.50 | 2.63 | 0.00 | 0.26 | 1.52 | 0.75 | 15.82 |
| 1970 | 0.30 | 0.38 | 2.01 | 0.44 | 0.00 | 0.07 | 2.40 | 2.19 | 2.73 | 0.00 | 0.51 | 0.85 | 11.88 |
| 1971 | 0.14 | 0.41 | 0.17 | 0.61 | 0.43 | 0.00 | 2.30 | 9.50 | 3.19 | 4.69 | 0.11 | 2.63 | 24.18 |
| 1972 | 0.00 | 0.00 | 0.00z | 0.00 | 0.08 | 1.91 | 2.55 | 2.06 | 1.09 | 6.30 | 1.80r | 2.45 | 16.44 |
| 1973 | 1.07 | 3.44 | 4.69 | 1.15 | 1.26 | 0.00 | 2.13 | 0.00z | 0.00z | 0.00 | 1.92 | 0.00 | 15.66 |
| 1974 | 3.68 | 0.08 | 0.66 | 0.00 | 0.00z | 0.00 | 5.06 | 1.90 | 1.58 | 0.00z | 0.00z | 0.601 | 12.96 |
| 1975 | 0.65 | 1.27 | 1.62 | 0.50g | 0.35 | 0.00 | 3.27 | 1.55 | 2.95 | 0.00z | 0.00z | 0.00z | 11.66 |
| 1976 | 0.00z | 0.00z | 0.00z | 1.28 | 1.94 | 0.03 | 4.95 | 1.74 | 2.37 | 1.22 | 0.79 | 0.05 | 14.37 |
| 1977 | 1.21 | 0.78 | 0.57 | 1.12 | 0.50 | 0.41 | 3.18 | 3.71 | 3.71 | 0.63 | 0.47 | 0.48 | 16.77 |
| 1978 | 1.87 | 2.84 | 3.88 | 0.94 | 0.62 | 0.00 | 1.34 | 1.27 | 0.11 | 1.55 | 5.79 | 4.31 | 24.52 |
| 1979 | 3.50 | 0.84 | 2.31 | 0.47 | 2.14 | 0.42 | 0.96 | 0.73 | 0.35 | 0.59 | 0.73 | 1.29 | 14.33 |
| 1980 | 3.96 | 4.73 | 2.55 | 1.10 | 0.77 | 0.10 | 3.08 | 1.12 | 0.90 | 0.80 | 0.00 | 0.52 | 19.63 |
| 1981 | 1.07 | 0.37 | 2.31 | 0.58 | 2.91 | 0.89 | 3.32 | 6.27 | 2.22 | 2.02 | 1.87 | 0.00 | 23.83 |
| 1982 | 0.00z | 1.82 | 2.54 | 0.26 | 1.63 | 0.03 | 3.83 | 1.64 | 1.12 | 0.21 | 3.24 | 3.82b | 20.14 |
| 1983 | 1.04 | 1.08c | 2.08 | 1.23 | 0.49 | 0.58d | 1.62 | 2.75 | 3.78 | 2.20 | 2.06 | 1.34c | 20.25 |

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| 1984 | 0.18 | 0.07 | 0.89 | 0.35 | 0.18 | 0.44 | 4.90b | 5.62c | 3.03 | 1.60b | 0.00z | 3.49m | 17.26 |
| 1985 | 1.62 | 0.85 | 1.99 | 1.30 | 0.33 | 0.08 | 5.61 | 1.01 | 3.40 | 2.14 | 4.03a | 0.66 | 23.02 |
| 1986 | 0.13 | 1.49a | 1.55 | 0.65 | 1.39 | 0.28 | 3.04 | 4.211 | 1.54j | 1.96b | 2.06 | 0.81 | 13.36 |
| 1987 | 2.78 | 2.01 | 1.15 | 0.33 | 1.34 | 0.30 | 2.04 | 2.32a | 0.34p | 1.61 | 2.63 | 1.48a | 17.99 |
| 1988 | 1.83 | 1.80 | 0.18 | 2.04 | 0.03 | 2.62 | 1.66 | 3.97c | 0.51c | 1.48 | 1.27 | 1.75 | 19.14 |
| 1989 | 1.21a | 0.74 | 1.79 | 0.03 | 0.49 | 0.15 | 1.84 | 3.63c | 1.12b | 0.99 | 0.17 | 0.41 | 12.57 |
| 1990 | 0.40 | 1.52b | 1.17 | 0.94b | 0.42 | 0.03 | 3.43 | 2.62 | 3.43 | 0.44 | 1.44a | 1.78 | 17.62 ** |
| 1991 | 1.14 | 0.76 | 5.66 | 0.00 | 0.15 | 0.43 | 1.95 | 4.71 | 0.92 | 0.79b | 2.58b | 2.53a | 21.62 116% |
| 1992 | 1.84 | 0.98 | 2.08e | 0.36 | 2.89 | 1.68 | 1.95 | 5.65 | 0.24 | 1.20 | 0.43 | 5.04 | 24.34 131% |
| 1993 | 4.96 | 4.06 | 1.58 | 0.00 | 0.48 | 0.07 | 1.13 | 7.05 | 0.74 | 1.98 | 2.74c | 0.55a | 25.34 136% |
| 1994 | 0.51 | 1.99b | 1.65 | 1.43 | 1.22 | 0.50 | 1.14 | 4.11 | 1.44b | 1.70 | 2.44 | 1.05 | 19.18 106% |
| 1995 | 2.40 | 1.29 | 1.98 | 0.50 | 0.18 | 0.07 | 0.92 | 4.68 | 2.00 | 0.00 | 0.66 | 0.99 | 15.67 84% |
| 1996 | 0.31 | 1.37 | 0.54 | 0.05 | 0.19 | 0.30 | 4.22 | 3.71 | 4.73 | 0.70 | 0.84b | 0.14 | 17.10 92% |
| 1997 | 3.39d | 1.12 | 0.00 | 0.64a | 1.22 | 0.66 | 0.70 | 3.04d | 2.22d | 1.26 | 0.00z | 1.46i | 14.25 76% |
| 1998 | 0.42g | 1.64g | 1.53g | 1.58i | 0.14 | 0.00 | 5.02c | 2.03b | 1.62b | 2.10c | 1.13d | 0.60a | 12.64 68% |
| 1999 | 0.23 | 0.34d | 0.17c | 2.16c | 0.18 | 0.41 | 4.13a | 3.95d | 3.86f | 0.00 | 0.00 | 0.03 | 11.60 62% |
| 2000 | 0.14 | 0.45 | 2.74a | 0.44 | 0.00 | 1.18 | 0.44 | 5.19 | 0.10 | 4.70j | 1.28 | 0.57 | 12.53 67% |
| 2001 | 1.19 | 1.50c | 0.67b | 1.35a | 1.63 | 0.25 | 3.40a | 3.78f | 1.70b | 0.25e | 0.82g | 0.33 | 12.27 66% |
| 2002 | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 1.60 | 2.34 | 0.83 | 1.59 | 1.10 | | **** |
| 2003 | .30 | 1.73 | 2.66 | 0.28 | 0.35 | 0.03 | 2.04 | 4.09 | 1.06 | 0.47 | 0.02 | 0.87 | 13.90 74% |
| 2004 | 1.16 | 1.28 | 0.60 | 1.71 | 0.00 | 0.30 | 1.69 | 1.87 | 4.90 | 0.14 | 2.67 | 3.30 | 19.62 106% |
| 2005 | 5.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Period of Record Statistics

| | | | | | | | | | | | | | |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| MEAN | 1.40 | 1.24 | 1.57 | 0.69 | 0.74 | 0.40 | 2.80 | 3.42 | 1.78 | 1.43 | 1.50 | 1.63 | 18.72 |
| S.D. | 1.22 | 1.05 | 1.21 | 0.63 | 0.79 | 0.56 | 1.47 | 1.95 | 1.18 | 1.39 | 1.18 | 1.69 | 3.98 |
| SKEW | 1.11 | 1.56 | 1.42 | 1.21 | 1.23 | 2.21 | 0.33 | 0.97 | 0.43 | 1.73 | 1.50 | 1.62 | 0.05 |
| MAX | 4.96 | 4.73 | 5.66 | 2.62 | 2.91 | 2.62 | 5.86 | 9.50 | 4.90 | 6.30 | 5.79 | 7.44 | 25.34 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.73 | 0.00 | 0.00 | 0.00 | 0.00 | 11.88 |
| NO YRS | 39 | 40 | 39 | 40 | 43 | 43 | 43 | 40 | 39 | 40 | 37 | 39 | 28 |

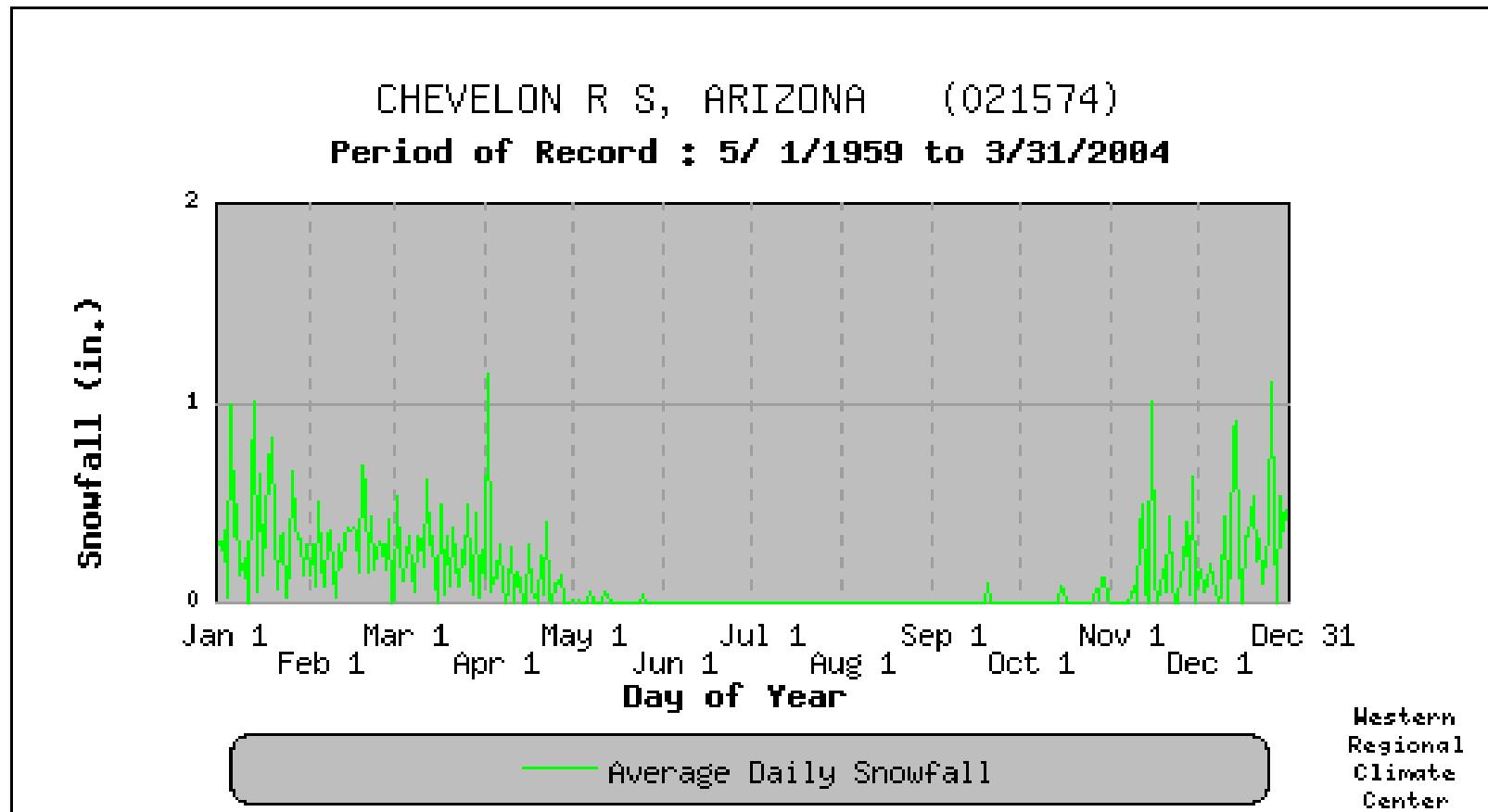
** % of Average Annual Rainfall (2004 is 96% of first nine month average rainfall)

**** Data started, Aug. 2002, on Davis Automated Weather Site – Forest Lakes, Lot 151
(Chevelon Ranger Station was shut down December 2001)

Snow

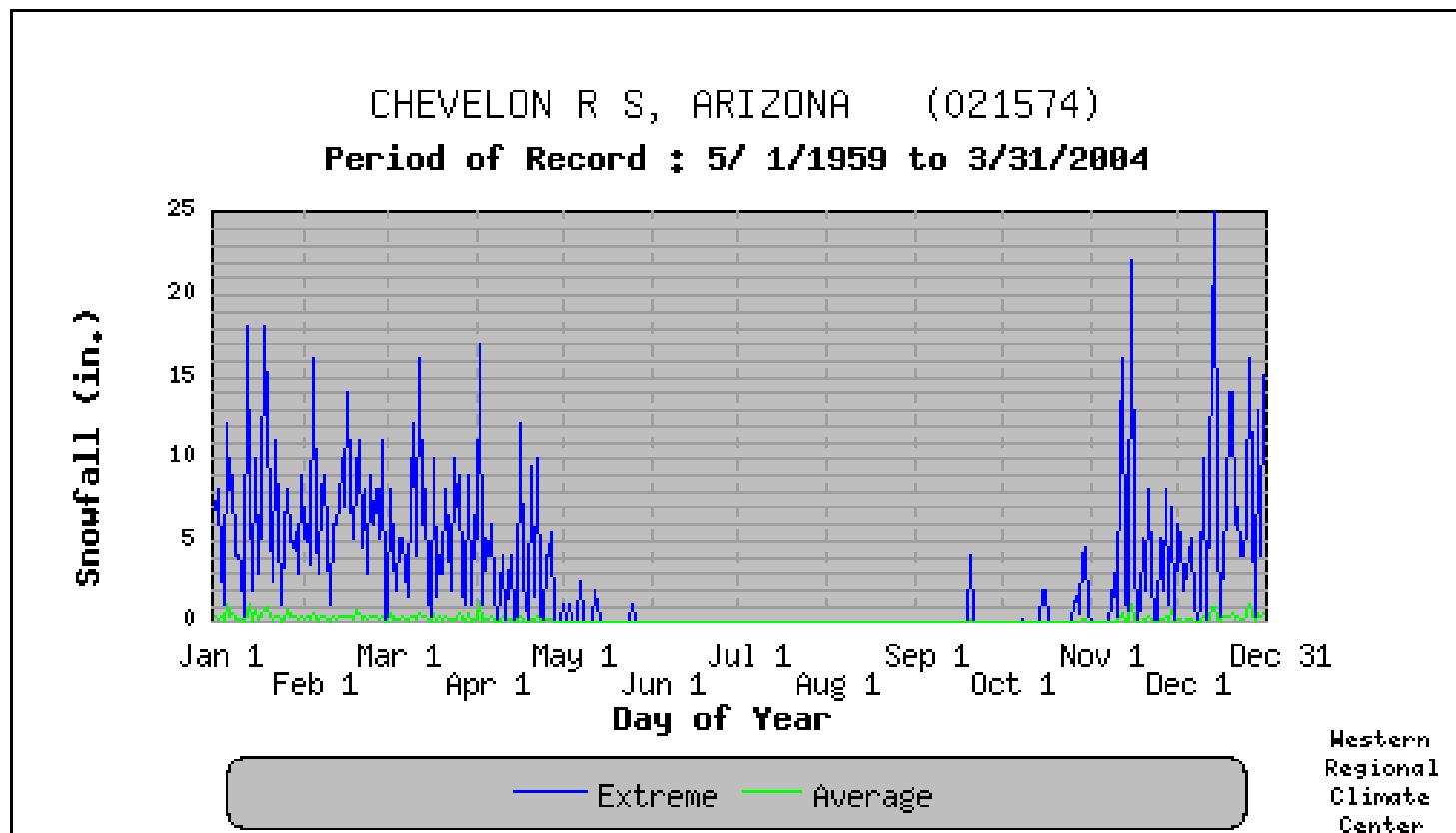
Forest Lakes, Arizona

Daily Snowfall Average



Forest Lakes, Arizona

Daily Snowfall Average and Extreme



- Extreme is the greatest daily snowfall recorded for the day of the year.
- Average is the average of all daily snowfall recorded for the day of the year.

Forest Lakes, Arizona

Monthly Total Snowfall (Inches)

Chevelon Ranger Station (021574)

File last updated on Aug 19, 2004

*** Note *** Provisional Data *** After Year/Month 200405

a = 1 day missing, b = 2 days missing, c = 3 days, ..etc.,,

z = 26 or more days missing, A = Accumulations present

Long-term means based on columns; thus, the monthly row may not sum (or average) to the long-term annual value.

MAXIMUM ALLOWABLE NUMBER OF MISSING DAYS : 5

Individual Months not used for annual or monthly statistics if more than 5 days are missing.

Individual Years not used for annual statistics if any month in that year has more than 5 days missing.

| YEAR(S) | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | ANN |
|---------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1958-59 | 0.00 | z | 0.00 | z | 0.00 | z | 0.00 | z | 0.00 | z | 0.00 | 0.00 | 0.00 |
| 1959-60 | 0.00 | 0.00 | 0.00 | 0.00 | c | 0.00 | 15.00 | g | 28.00 | 20.00 | 0.00 | b | 0.00 |
| 1960-61 | 0.00 | 0.00 | 0.00 | 0.00 | b | 0.00 | 0.00 | f | 0.00 | a | 0.00 | b | 0.001 |
| 1961-62 | 0.00 | 0.00 | 0.00 | 4.20 | b | 0.00 | z | 0.00 | h | 0.00 | i | 0.00 | j |
| 1962-63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 14.00 | 5.50 | 12.00 | 0.00 | 0.00 | 0.00 | 32.50 |
| 1963-64 | 0.00 | 0.00 | 0.00 | 0.00 | 7.00 | 10.00 | 0.00 | d | 0.00 | z | 21.50 | 9.00 | 0.00 |
| 1964-65 | 0.00 | 0.00 | 0.00 | 19.00 | 10.60 | 10.90 | b | 18.00 | 0.00 | z | 14.00 | 1.00 | 0.00 |
| 1965-66 | 0.00 | 0.00 | 4.00 | 0.00 | b | 0.00 | 19.50 | 17.00 | 7.00 | 9.00 | 0.00 | b | 0.00 |
| 1966-67 | 0.00 | 0.00 | 0.00 | 0.00 | 3.00 | 17.00 | 7.00 | 0.00 | 6.00 | 1.00 | 0.00 | 0.00 | 34.00 |
| 1967-68 | 0.00 | 0.00 | 0.00 | 0.00 | 9.00 | 80.00 | 9.00 | 2.00 | 5.00 | 3.00 | 0.00 | 0.00 | 108.00 |
| 1968-69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 25.30 | 0.00 | 18.00 | 29.50 | 0.00 | 0.00 | z | 0.00 |
| 1969-70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 13.00 | 3.50 | 0.50 | 4.50 | 0.00 | z | 0.00 | 21.80 |
| 1970-71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | z | 0.00 | z | 3.80 | 0.00 | z | 0.00 |
| 1971-72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | z | 0.00 | z | 0.00 | 0.00 | z | 0.00 | 0.00 |
| 1972-73 | 0.00 | 0.00 | 0.00 | 4.50 | 16.50 | r | 0.00 | z | 0.00 | z | 38.50 | 51.00 | 15.00 |
| 1973-74 | 0.00 | 0.00 | z | 0.00 | z | 0.00 | 1 | 0.00 | 28.00 | 0.80 | 0.00 | b | 0.00 |
| 1974-75 | 0.00 | 0.00 | 0.00 | 0.00 | z | 0.00 | z | 6.00 | 20.50 | 4.00 | a | 0.00 | z |
| 1975-76 | 0.00 | 0.00 | 0.00 | z | 0.00 | z | 0.00 | z | 0.00 | z | 12.00 | 0.00 | 0.00 |
| 1976-77 | 0.00 | 0.00 | 0.00 | 2.00 | 8.00 | 0.00 | 14.50 | 6.00 | 5.00 | 18.00 | 0.00 | 0.00 | 53.50 |
| 1977-78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14.00 | 11.50 | 6.50 | 0.00 | 1.00 | 0.00 | 33.00 |
| 1978-79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 16.00 | 30.50 | 12.50 | 15.00 | 3.00 | 1.00 | 0.00 | 78.00 |
| 1979-80 | 0.00 | 0.00 | 0.00 | 0.70 | 2.00 | 11.50 | 20.50 | 11.40 | 17.50 | 6.00 | 0.00 | 0.00 | 69.60 |
| 1980-81 | 0.00 | 0.00 | 0.00 | 2.00 | 0.00 | 4.00 | 3.50 | 0.00 | 13.50 | 3.00 | 0.00 | 0.00 | 26.00 |
| 1981-82 | 0.00 | 0.00 | 0.00 | 0.00 | 8.00 | 0.00 | 27.00 | 3.50 | 7.50 | 1.50 | 3.00 | 0.00 | 50.50 |
| 1982-83 | 0.00 | 0.00 | 0.00 | 0.00 | 11.00 | 22.00 | 8.50 | 11.00 | 14.50 | 8.00 | 0.00 | 0.00 | 75.00 |

| | | | | | | | | | | | | | |
|---------|-------|-------|-------|-------|--------|--------|--------|--------|-------|--------|-------|-------|-------|
| 1983-84 | 0.00 | 0.00 | 0.00 | 0.00 | 17.00 | 4.00 | 2.00 | 0.60 | 2.00 | 0.10 | 0.00 | 0.00 | 25.70 |
| 1984-85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00z | 5.00 | 6.00a | 16.00 | 5.00 | 0.00 | 0.00 | 0.00 | 32.00 |
| 1985-86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00d | 9.00 | 0.00 | 0.00z | 7.70 | 0.00 | 0.00 | 0.00 | 16.70 |
| 1986-87 | 0.00 | 0.00 | 0.00 | 0.00 | 1.50 | 0.00 | 27.00b | 0.00z | 0.00 | 0.00 | 0.00 | 0.00 | 28.50 |
| 1987-88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 20.00a | 20.00a | 3.00 | 2.00 | 10.00 | 0.00 | 0.00 | 56.00 |
| 1988-89 | 0.00 | 0.00 | 0.00b | 0.00 | 4.00 | 10.50b | 10.70 | 5.00 | 6.00 | 0.00 | 0.00 | 0.00 | 36.20 |
| 1989-90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.50 | 3.50 | 15.50b | 5.00 | 0.00 | 0.00 | 0.00 | 28.50 |
| 1990-91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00a | 0.00b | 0.00z | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1991-92 | 0.00 | 0.00 | 1.00 | 0.00a | 2.50c | 0.00c | 0.00 | 0.00c | 0.00 | 0.00 | 0.00 | 0.00 | 3.50 |
| 1992-93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00d | 2.50b | 7.00 | 0.00z | 0.00 | 0.00 | 0.00 | 9.50 |
| 1993-94 | 0.00 | 0.00 | 0.00 | 0.00 | 22.00c | 3.00b | 9.50 | 17.50b | 9.00 | 17.50 | 0.00 | 0.00 | 78.50 |
| 1994-95 | 0.00 | 0.00 | 0.00 | 3.00 | 11.00 | 8.50 | 27.50 | 0.50 | 3.50 | 9.00 | 2.50 | 0.00 | 65.50 |
| 1995-96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.00b | 3.00 | 13.00 | 2.50 | 0.00 | 0.50 | 0.00 | 29.00 |
| 1996-97 | 0.00 | 0.00 | 3.50 | 9.00b | 3.00 | 41.00b | 19.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 75.50 |
| 1997-98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00z | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1998-99 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00a | 2.50 | 0.50 | 0.50b | 22.00b | 0.00 | 0.00 | 26.50 |
| 1999-00 | 0.00b | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 2.50 | 7.20a | 0.00 | 0.00 | 0.00 | 10.00 |
| 2000-01 | 0.00 | 0.00 | 0.00 | 0.00 | 2.00 | 7.50 | 15.50 | 14.00b | 0.50 | 6.00 | 0.00 | 0.00 | 45.50 |
| 2001-02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50d | 4.00 | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 4.50 |
| 2002-03 | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 0.00 |
| 2003-04 | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 0.00z | 0.00 | 0.00 | 0.00 | 0.00z | 0.00 |

YEAR(S) JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN ANN

| Period of Record Statistics | | | | | | | | | | | | | |
|-----------------------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|---------------|
| MEAN | 0.00 | 0.00 | 0.10 | 0.51 | 3.87 | 9.22 | 11.15 | 8.23 | 7.58 | 3.86 | 0.23 | 0.00 | 47.70 |
| S.D. | 0.00 | 0.00 | 0.62 | 1.20 | 6.01 | 14.27 | 11.06 | 8.74 | 10.06 | 6.12 | 0.64 | 0.00 | 25.47 |
| SKEW | 0.00 | 0.00 | 6.25 | 2.30 | 1.61 | 3.64 | 0.88 | 1.24 | 2.63 | 1.49 | 3.27 | 0.00 | 0.40 |
| MAX | 0.00 | 0.00 | 4.00 | 4.50 | 22.00 | 80.00 | 41.00 | 38.50 | 51.00 | 22.00 | 3.00 | 0.00 | 108.00 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.50 |
| NO YRS | 43 | 42 | 42 | 41 | 35 | 35 | 37 | 37 | 36 | 41 | 42 | 43 | 23 |

Climate Normals

Forest Lakes, Arizona

1961-1990 Monthly Normals

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| Mean Max. Temperature (F) | 42 | 45.9 | 50 | 58.3 | 67.7 | 78.6 | 81.8 | 78.7 | 73.1 | 63.6 | 51.5 | 43.4 | 61.2 |
| Highest Mean Max. Temperature (F) | 50.6 | 52.8 | 60.4 | 67 | 75.6 | 84.5 | 86.3 | 83.3 | 79.1 | 70.7 | 57.6 | 53 | 63.3 |
| Year Highest Occurred | 1986 | 1963 | 1972 | 1989 | 1984 | 1974 | 1963 | 1972 | 1979 | 1964 | 1981 | 1977 | 1981 |
| Lowest Mean Max. Temperature (F) | 36.7 | 40.5 | 41.7 | 48.9 | 62.9 | 71.4 | 77.9 | 72.5 | 68.6 | 56.2 | 44.7 | 36.4 | 59.2 |
| Year Lowest Occurred | 1979 | 1966 | 1973 | 1975 | 1979 | 1965 | 1976 | 1964 | 1985 | 1971 | 1972 | 1967 | 1964 |
| Mean Temperature (F) | 30.1 | 33.7 | 37.7 | 45.1 | 53.3 | 63.1 | 68.7 | 66 | 59.8 | 49.8 | 38.8 | 31.4 | 48.1 |
| Highest Mean Temperature (F) | 36.9 | 38.9 | 44.6 | 53.2 | 61.4 | 68.5 | 71.9 | 70.4 | 64 | 54.3 | 43.3 | 40.1 | 50.2 |
| Year Highest Occurred | 1986 | 1963 | 1972 | 1989 | 1984 | 1974 | 1972 | 1972 | 1983 | 1964 | 1967 | 1977 | 1981 |
| Lowest Mean Temperature (F) | 25.3 | 27.8 | 31.7 | 40.1 | 48.4 | 57.5 | 65.8 | 60.4 | 56.5 | 44.2 | 33.4 | 25.6 | 46 |
| Year Lowest Occurred | 1989 | 1966 | 1973 | 1983 | 1980 | 1965 | 1976 | 1968 | 1988 | 1971 | 1979 | 1967 | 1964 |
| Mean Min. Temperature (F) | 18.1 | 21.5 | 25.3 | 31.8 | 38.8 | 47.6 | 55.5 | 53.4 | 46.4 | 36 | 26 | 19.3 | 35 |
| Highest Mean Min. Temperature (F) | 24.1 | 25.7 | 31.8 | 39.3 | 47.2 | 53.7 | 59.3 | 57.7 | 50.6 | 40.5 | 32.1 | 27.1 | 37 |
| Year Highest Occurred | 1969 | 1970 | 1989 | 1989 | 1984 | 1981 | 1972 | 1974 | 1983 | 1972 | 1965 | 1977 | 1981 |
| Lowest Mean Min. Temperature (F) | 12.4 | 13.7 | 19.3 | 26.7 | 32.5 | 43.3 | 51.4 | 48 | 41.8 | 30.9 | 19.1 | 13.6 | 32.6 |
| Year Lowest Occurred | 1989 | 1964 | 1964 | 1970 | 1971 | 1982 | 1979 | 1968 | 1973 | 1970 | 1964 | 1990 | 1979 |
| Mean Precipitation (in.) | 1.38 | 1.31 | 1.51 | 0.73 | 0.75 | 0.38 | 3.1 | 3.01 | 1.78 | 1.43 | 1.66 | 1.76 | 18.8 |
| Highest Precipitation (in.) | 4.68 | 4.73 | 4.69 | 2.62 | 2.91 | 2.62 | 5.86 | 9.5 | 3.78 | 6.3 | 5.79 | 7.44 | 24.82 |
| Year Highest Occurred | 1982 | 1980 | 1973 | 1965 | 1981 | 1988 | 1964 | 1971 | 1983 | 1972 | 1978 | 1967 | 1982 |
| Lowest Precipitation (in.) | 0 | 0 | 0 | 0 | 0 | 0 | 0.96 | 0.54 | 0 | 0 | 0 | 0 | 11.83 |
| Year Lowest Occurred | 1972 | 1972 | 1972 | 1974 | 1974 | 1978 | 1979 | 1973 | 1973 | 1973 | 1980 | 1981 | 1970 |
| Heating Degree Days (F) | 1082 | 876 | 846 | 597 | 367 | 111 | 11 | 50 | 165 | 471 | 786 | 1042 | 6404 |
| Cooling Degree Days (F) | 0 | 0 | 0 | 0 | 0 | 54 | 125 | 81 | 9 | 0 | 0 | 0 | 269 |

Forest Lakes, Arizona

1971-2000 Monthly Normals

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| Mean Max. Temperature (F) | 42.2 | 45.7 | 50.6 | 58.2 | 67.2 | 78.2 | 81.2 | 78.3 | 72.8 | 62.3 | 50.3 | 43.3 | 60.9 |
| Highest Mean Max. Temperature (F) | 50.6 | 52.3 | 61.1 | 67 | 74.9 | 83.8 | 84 | 81.9 | 77.3 | 69 | 59.3 | 52 | 84 |
| Year Highest Occurred | 1986 | 1972 | 1972 | 1989 | 1984 | 1974 | 1971 | 1972 | 1979 | 1999 | 1999 | 1977 | 1971 |
| Lowest Mean Max. Temperature (F) | 35.5 | 38.6 | 41.8 | 48.5 | 62.1 | 73.1 | 76.8 | 76 | 68.2 | 54.9 | 43.9 | 38.2 | 35.5 |
| Year Lowest Occurred | 1979 | 1998 | 1973 | 1975 | 1979 | 1991 | 1976 | 1984 | 1996 | 1971 | 2000 | 1971 | 1979 |
| Mean Temperature (F) | 30.5 | 34 | 38.5 | 45.2 | 53.3 | 63.1 | 68.4 | 66.1 | 59.8 | 49.2 | 38 | 31.5 | 48.1 |
| Highest Mean Temperature (F) | 36.9 | 38.8 | 44.8 | 53.2 | 61 | 68.2 | 71.4 | 69.6 | 63.5 | 53.7 | 44.3 | 39.5 | 71.4 |
| Year Highest Occurred | 1986 | 1996 | 1972 | 1989 | 1984 | 1974 | 1972 | 1972 | 1997 | 1988 | 1995 | 1977 | 1972 |
| Lowest Mean Temperature (F) | 24 | 29.6 | 31.6 | 39.6 | 48 | 59.4 | 65.3 | 63.5 | 56.5 | 43.5 | 32.5 | 26 | 24 |
| Year Lowest Occurred | 1992 | 1998 | 1973 | 1983 | 1980 | 1991 | 1976 | 1976 | 1988 | 1971 | 1979 | 1990 | 1992 |
| Mean Min. Temperature (F) | 18.8 | 22.2 | 26.4 | 32.2 | 39.4 | 48 | 55.5 | 53.9 | 46.8 | 36 | 25.6 | 19.6 | 35.4 |
| Highest Mean Min. Temperature (F) | 23.6 | 27.2 | 31.8 | 39.3 | 47.2 | 53.8 | 59.4 | 57.7 | 52 | 40.6 | 30.5 | 27 | 59.4 |
| Year Highest Occurred | 1993 | 1995 | 1989 | 1989 | 1984 | 1981 | 1972 | 1974 | 1997 | 1972 | 1995 | 1977 | 1972 |
| Lowest Mean Min. Temperature (F) | 11.5 | 17.3 | 21.4 | 28.5 | 32.5 | 43.3 | 51.5 | 49.2 | 41.7 | 31.5 | 20.8 | 13.6 | 11.5 |
| Year Lowest Occurred | 1992 | 1985 | 1973 | 1998 | 1971 | 1982 | 1979 | 1976 | 1973 | 1982 | 1979 | 1990 | 1992 |
| Mean Precipitation (in.) | 1.48 | 1.4 | 1.7 | 0.77 | 0.8 | 0.45 | 2.72 | 3.41 | 1.82 | 1.63 | 1.62 | 1.39 | 19.19 |
| Highest Precipitation (in.) | 4.96 | 4.73 | 5.66 | 2.16 | 2.91 | 2.62 | 5.61 | 9.5 | 4.73 | 6.3 | 5.79 | 5.04 | 9.5 |
| Year Highest Occurred | 1993 | 1980 | 1991 | 1999 | 1981 | 1988 | 1985 | 1971 | 1996 | 1972 | 1978 | 1992 | 1971 |
| Lowest Precipitation (in.) | 0 | 0 | 0 | 0 | 0 | 0 | 0.44 | 0.54 | 0 | 0 | 0 | 0 | 0 |
| Year Lowest Occurred | 1972 | 1972 | 1997 | 1993 | 2000 | 1998 | 2000 | 1973 | 1973 | 1999 | 1999 | 1981 | 1972 |
| Heating Degree Days (F) | 1069 | 870 | 822 | 594 | 372 | 116 | 15 | 39 | 170 | 492 | 813 | 1040 | 6412 |
| Cooling Degree Days (F) | 0 | 0 | 0 | 0 | 9 | 59 | 119 | 72 | 13 | 0 | 0 | 0 | 272 |