

# **The Climate of Kingman, Arizona**



**Chris Stachelski**  
**National Weather Service**  
**Las Vegas, NV**



*The Climate of Kingman, Arizona* is a publication produced by the staff at the National Weather Service Office in Las Vegas, Nevada. All data in this publication was obtained from the official forms, publications, digital datasets and record books for this station. All normals, unless noted, were produced by NOAA's National Centers for Environmental Information (NCEI). NCEI's Asheville, North Carolina office should be contacted for certified weather data.

**Information in this publication was last updated on March 1, 2018.**

## Table of Contents

Overview of Kingman's Geography and Climate	1
History of Weather Observations	3
Temperature Record	6
Daily Normal and Record Temperatures for January	7
Daily Normal and Record Temperatures for February	8
Daily Normal and Record Temperatures for March	9
Daily Normal and Record Temperatures for April	10
Daily Normal and Record Temperatures for May	11
Daily Normal and Record Temperatures for June	12
Daily Normal and Record Temperatures for July	13
Daily Normal and Record Temperatures for August	14
Daily Normal and Record Temperatures for September	15
Daily Normal and Record Temperatures for October	16
Daily Normal and Record Temperatures for November	17
Daily Normal and Record Temperatures for December	18
Warmest and Coolest Average Monthly and Annual Temperatures	19
Average Monthly and Annual Temperatures	26
Graph of the Average Annual Temperature	29
Highest and Lowest Maximum Temperatures on Record	30
Highest and Lowest Minimum Temperatures on Record	31
Number of Days with Specific Temperatures	33
Consecutive Days with Specific Temperatures	35
Earliest and Latest First and Last Occurrences for Specific Temperatures	36
Heating and Cooling Degree Days	37
Precipitation Record	38
Daily Normal and Record Precipitation for January	39
Daily Normal and Record Precipitation for February	40
Daily Normal and Record Precipitation for March	41
Daily Normal and Record Precipitation for April	42
Daily Normal and Record Precipitation for May	43
Daily Normal and Record Precipitation for June	44
Daily Normal and Record Precipitation for July	45
Daily Normal and Record Precipitation for August	46
Daily Normal and Record Precipitation for September	47
Daily Normal and Record Precipitation for October	48
Daily Normal and Record Precipitation for November	49
Daily Normal and Record Precipitation for December	50

24 Hour Precipitation Records With 2.00 Inches Or More	51
Wettest and Driest Months, Years and Seasons	52
Total Monthly and Annual Precipitation	64
Graph of the Total Annual Precipitation	67
Number of Days with Specific Precipitation Amounts	68
Consecutive Days with Precipitation	69
 Snow Records	 70
Daily Snow Records	73
Monthly and Seasonal Snowfall Totals	74
 Pressure Records	 77
Wind Normals and Records	78
 Ten Significant Weather Events	 80
 Acknowledgements	 91

### **An Overview of Kingman's Geography and Climate**

Kingman is located in northwestern Arizona in the central portion of Mohave County at the southwestern edge of the Hualapai Valley. The elevation of Kingman itself and the immediate surrounding area sits roughly between 3,000 and 3,500 feet above sea level. Kingman is surrounded by mountain ranges on three sides. To the north lie the Cerbat Mountains which contain peaks that are over 6,000 feet. To the southeast like the Hualapai Mountains, which contain the area's tallest peak at 8417 feet, Hualapai Peak. The Peacock Mountains are situated to the east and have peaks that extend to over 6,000 feet. Smaller mountains lie to the west which separate Kingman from the Sacramento Valley. The present official climate station for Kingman is located at the Kingman Airport on the northeast side of Kingman.

Kingman is situated at the eastern edge of the Mojave Desert. Between October and early May, storm systems approaching from either the west or north bring precipitation and gusty winds to Kingman. This accounts for the majority of the annual precipitation that falls in this area in most years. However, while these storms systems can often produce little to no precipitation in areas further west in the Mojave Desert, totals are often higher in Kingman as a result of the air flow in the atmosphere being forced up the higher terrain where it can be more easily lifted and generate precipitation when accompanied by adequate moisture.

The other significant period of the year that typically accounts for about forty percent of the normal annual precipitation is the North American Monsoon Season. This period typically starts between mid-June and early July and ends during mid-to-late September. The North American Monsoon season is marked by pushes of moisture in from the south or southeast that lead to showers and thunderstorms developing mainly in the afternoon or evening hours. This activity typically develops over the higher elevations around Kingman, with the Hualapai Mountains being a favored spot for development given their taller height. Stronger or more slowly moving thunderstorms storms can unleash heavy rainfall totals exceeding one or two inches in an hour which can trigger flash flooding.

Snow in Kingman occurs about once or twice a winter, but typically amounts to just flurries or a light dusting. More substantial accumulating snows that exceed three inches typically take place every 3 to 5 years.

On average, the strongest winds in Kingman come from the southwest or a westerly component. Spring is the windy season, followed by a secondary wind season in the fall. During the North American Monsoon Season, stronger

thunderstorms occasionally will produce localized wind gusts that exceed 50 mph.

Temperatures typically reach into the triple digits during the hottest part of summer; however, highs above 110 degrees are rare. The coldest winter days will typically drop into the teens with readings in the single digits in the most severe cold snaps.

## **History of Weather Observations**

Weather observations in Kingman have been taken at several locations over the years originally by cooperative observers. The first official weather station was established on June 12, 1901 at the Santa Fe Railroad Depot located within the town of Kingman located the two-tenths of a mile south of where the Kingman United States Post Service Office was then at and was located at an elevation of 3326 feet. Observations of air temperature were taken in a cotton region shelter located on bare ground using maximum and minimum liquid-in-glass thermometers. A standard rain gauge was installed for the measurement of precipitation. Observations were initially taken daily at 500 PM or 1700 LST/LDT but then varied in time in the evening and eventually became morning observations. The weather station was moved about 30 feet to the east on August 3, 1926 due to a tree becoming an obstruction. The weather station took observations here through September 22, 1939.

On September 23, 1939 the weather station moved about four miles to the northeast to the Kingman Airport to an area near the Administration Building and the Civil Aeronautics Administration became the new observer. The equipment was located over bare ground at an elevation of 3435 feet with observations taken at 430 PM or 1630 LST/LDT. Later these observations were shifted to 1030 PM or 2230 LST/LDT and then to 0130 AM LST/LDT with adjustments made to the day they occurred. In addition to the cotton region shelter and the thermometers it housed as well as the standard rain gauge, a recording rain gauge and psychrometer were also installed. The recording rain gauge was added on December 22, 1939. These observations lasted through May 3, 1944.

On February 21, 1944 the recording rain gauge was relocated 6 miles northeast of the Airport in anticipation of the Civil Aeronautics Administration station closing. This new location was now 10 miles northeast of Kingman and located at an elevation of 3380 feet to the new Army Airfield. The Air Corps Weather Service was the observer here through February 17, 1945.

On November 1, 1944 the instrument shelter, thermometers and standard rain gauge were all moved a facility operated by the U.S. Grazing Service located 3.2 miles southwest of the center of Kingman. This new location was 3350 feet with observations now taken at 800 AM LST/LDT. The recording rain gauge was relocated to this facility on August 14, 1945.

The next observer was the Mohave County Union High School which was located three-tenths of a mile west-northwest of the center of Kingman at an elevation of 3333 feet. This became the new observing site starting on May 18,

1945. Observations were taken at 800 AM LST/LDT. Observations lasted here through July 31, 1967.

On August 22, 1967 a new observation site was established at radio station KAAA as the previous observer at the high school did not wish to continue taking observations. This new station was located 1.2 miles to the east of Mohave County Union High School and was located at an elevation of 3539 feet. Equipment included maximum and minimum thermometers housed in a cotton region shelter, a standard rain gauge and a recording rain gauge. However, due to compatibility issues with the previous weather station's location this new station was given the identifier "Kingman 2" in official weather records. From August 22, 1967 through December 31, 1981 observations were taken at 1800 LST/LDT daily. Starting on January 1, 1982 observations were taken at 0800 LST/LDT daily.

In September 1993, turnover in staff at KAAA made it difficult to continue weather observations at this location as the two DJs who were trained as observers had both left the station. The last observation submitted was on the morning of September 21, 1993. With the lack of observations in subsequent months and the pending installation of an automated weather station at the Kingman Airport, a decision was made by the National Weather Service to close the Kingman 2 cooperative station.

In order to better represent a set of weather records by calendar day the author assumed that in each case the high and low temperature in the official National Centers for Environmental Information datasets was for a calendar day. The official National Centers for Environmental Information dataset consists of a set of records that uses observation day for the entire period for data from May 1901 through September 1993. The dataset used for this study thus time shifted the high temperatures in the National Centers for Environmental Information's dataset to the calendar day that occurred on in months where the observation was taken in the morning order to provide what was felt to be a more accurate indication of the day the extreme occurred on. It is possible in an isolated case the high may have not have occurred that way. However, it is felt such days are not represented in the extreme daily records. No adjustments at all were made for minimum temperatures, thus each minimum was left assigned to the day it was reported on. However, there may be some cases on a very cold morning where the at observation temperature may wind up being the low for the next twenty-four hour period and thus reflected as the next day's minimum temperature.

Although weather observations were being taken at the Kingman/Mohave County Airport since the 1940s, full twenty-four hour observations did not commence until September 1, 1995 when an ASOS, or Automated Surface Observing



System, was installed and commissioned. ASOS data is for climate purposes are taken at midnight local standard time. This full suite of data provided by ASOS now allows for a record of additional parameters such as dew point, wind and air pressure in addition to air temperature and liquid precipitation. The ASOS is located at an elevation of 3420 feet. Due to limitations with ASOS, snowfall measurements ended with the closure of the cooperative weather station. When possible based on public and spotter reports, instances of non-accumulated snow are reflected in the records. Additionally, temperature data from the airport based on hourly observations was used to fill in gaps the records from September 22, 1993 through August 30, 1995 as well as in December 1990.

## Temperature Record

Daily records of temperature in Kingman started on May 12, 1901. All temperature data is given in degrees Fahrenheit. An overview of each month's temperatures is listed below, followed by normal and record extremes for each day and month. Normals are from 1981-2010.

Month	Normal Average Maximum Temperature	Normal Average Minimum Temperature	Normal Average Temperature
January	54.7	31.6	43.7
February	59.3	34.8	47.5
March	63.8	38.4	51.6
April	71.6	44.3	58.4
May	80.9	52.9	67.4
June	91.9	62.5	77.7
July	96.0	69.3	83.1
August	94.0	67.8	81.4
September	87.9	60.9	74.9
October	76.5	49.3	63.5
November	63.1	37.9	51.0
December	54.9	31.6	43.8
Annual	74.6	48.4	61.5
<b>All normals are based on the period from 1981 – 2010.</b>			

Month	Record Highest Maximum	Record Lowest Maximum	Record Highest Minimum	Record Lowest Minimum
January	78 on 1/13/1928*	24 on 1/9/1937	55 on 1/16/1923	4 on 1/29/1979
February	82 on 2/26/1986*	30 on 2/6/1989	65 on 2/24/1927	9 on 2/10/1933
March	90 on 3/16/1934	35 on 3/3/1976	59 on 3/13/1945*	11 on 3/4/1976
April	97 on 4/19/1938	42 on 4/16/1976	68 on 4/24/1946	21 on 4/9/1953
May	106 on 5/21/1923	44 on 5/5/1930	78 on 5/29/2003	29 on 5/12/1909
June	113 on 6/20/2017	62 on 6/4/1999	86 on 6/30/1979*	34 on 6/4/1908*
July	113 on 7/17/2005	78 on 7/13/2008*	85 on 7/28/1914*	45 on 7/2/1928
August	111 on 8/13/1933*	68 on 8/31/1909	87 on 8/10/1917	43 on 8/30/1907
September	108 on 9/1/1950	58 on 9/24/1986	84 on 9/10/1914*	34 on 9/30/1907
October	100 on 10/1/1980	41 on 10/29/1971	72 on 10/3/1928	23 on 10/30/1971*
November	90 on 11/2/1931	33 on 11/28/1919	60 on 11/1/1965*	13 on 11/29/1919
December	77 on 12/11/1950*	22 on 12/13/1932	56 on 12/24/1955	5 on 12/23/1990
Annual	113 on 7/17/2005	22 on 12/13/1932	87 on 8/10/1917	4 on 1/29/1979
<b>Daily records started on May 12, 1901.</b>				
<b>*Date listed above is most recent occurrence.</b>				

# January

Period of Record: 1902-Present

Normals: 1981-2010

Date	Normal High	Normal Low	Record High Maximum	Record Low Maximum	Record High Minimum	Record Low Minimum
1	54	31	77/1918	33/2015	48/1923	13/2015*
2	54	31	77/1918	33/1974	52/1997	9/1907
3	54	31	75/1918	30/1971	47/1997	12/2015
4	54	31	71/1918	28/1949	42/1902	13/1971
5	54	31	77/1927	30/1910	47/2008	12/1971*
6	54	31	73/2006	31/1971	45/1948	10/1971
7	54	31	73/1948	32/1913	50/1923	8/1913
8	54	31	76/2002	32/1937	51/1969	12/1930
9	54	31	72/1916	<b>24/1937</b>	48/2017*	6/1937
10	54	31	75/1990	37/1937	50/1911	10/2013*
11	54	31	74/1953	32/1963	49/1948	10/1913
12	54	31	<b>78/1923</b>	34/1963	54/1923	9/1913
13	54	31	<b>78/1923</b>	32/2007	47/1980	10/2013
14	54	31	77/1923	32/2013	49/1980	9/2007
15	54	31	72/2000	37/1997	47/1902	11/2013
16	55	32	72/1902	35/1987	<b>55/1923</b>	17/2007
17	55	32	74/1976*	34/1949	53/1923	14/1917
18	55	32	76/2000	33/1963	51/1923	19/2007*
19	55	32	77/1971	35/1922	48/1971	12/1937
20	55	32	75/1971	34/1945	51/1999	12/1937
21	55	32	72/1912	30/1937	50/1969	8/1937
22	55	32	74/1910	31/1937	50/1967	6/1937
23	55	32	71/1919	40/1949	50/2009	18/1929
24	56	32	73/1953*	37/1949	52/1965	16/1933
25	56	32	72/1982	35/1949	48/1914	8/1937
26	56	32	71/2012*	34/1949	49/1969	15/1937
27	56	33	73/1936	34/1945	47/1956	11/1949
28	56	33	73/1935	30/1979	46/1951	15/1949
29	56	33	75/1935	33/1949	47/1931	<b><u>4/1979</u></b>
30	57	33	74/1920	36/1948	49/1965	6/1979
31	57	33	75/2003	31/1985	48/1963	10/1979

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# February

Period of Record: 1902-Present

Normals: 1981-2010

Date	Normal High	Normal Low	Record High Maximum	Record Low Maximum	Record High Minimum	Record Low Minimum
1	57	33	77/2003*	35/1985	51/1963	14/1985
2	57	33	75/1963	33/1985	47/1954	13/2011*
3	57	33	77/1963	37/1985*	48/1935	13/2011*
4	57	33	79/1963*	35/1985	45/1940	11/1919
5	58	34	78/1963	36/1989	49/1947	12/1919
6	58	34	79/1963	<b>30/1989</b>	48/1963	12/1989
7	58	34	77/1963	33/1989	51/1963	13/1989
8	58	34	77/1996	38/1989	47/1953	11/1939
9	58	34	79/1951	37/1939	51/1970	11/1939
10	58	34	78/1951	37/1966*	49/2017	<b>9/1933</b>
11	59	34	76/1907	39/1965	49/1962	18/1929
12	59	34	76/2016*	41/1948	54/1996	20/1965
13	59	35	<b>82/1957</b>	40/1905	52/1954	12/1905
14	59	35	78/2014*	34/1990	51/1945	20/1949
15	59	35	77/2014	37/1990	50/1957	13/1942
16	59	35	78/1958	41/1910	49/1991	16/1990
17	60	35	80/1912	43/1998	52/2017	17/1910
18	60	35	77/1981	42/1917	52/1996	17/1910
19	60	35	81/1923	35/1990	55/1996	20/1955
20	60	35	79/1943	39/1955	55/1996*	19/2018
21	60	35	75/1935	39/1975	49/1928	16/1955
22	60	36	80/2002	44/1975	48/1907	20/2018
23	60	36	78/1927	45/2015*	57/1927	19/1953
24	61	36	80/1904	40/1944	<b>65/1927</b>	17/1912
25	61	36	81/1986*	42/1987	57/1904	22/2018*
26	61	36	<b>82/1986</b>	38/1996	52/1989	20/1929
27	61	36	81/1986	40/1922	52/1989	20/1956
28	61	36	81/1986	40/1971*	53/1986	19/1913
29	61	36	80/2016	50/1996	52/1972	25/1996*

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# March

Period of Record: 1902-Present  
Normals: 1981-2010

Date	Normal High	Normal Low	Record High Maximum	Record Low Maximum	Record High Minimum	Record Low Minimum
1	61	36	82/1921*	40/1971	51/1986	19/2007
2	61	36	86/1910	44/1971	<b>59/1904</b>	20/2007
3	61	37	85/1910	<b>35/1976</b>	53/2009	18/1966
4	62	37	87/1910	41/1976	51/1924	<b>11/1976</b>
5	62	37	86/1910	47/1945	50/1996	24/1976
6	62	37	86/1910	42/1964	50/1987	24/1976
7	62	37	85/1910	45/1964	51/1987	22/1931
8	62	37	84/1910	40/1992	57/1986	24/1969
9	62	37	83/1972	45/1974	54/1943	24/1964
10	63	37	82/1972	45/1969	55/1954	26/1962
11	63	38	87/1934	44/1922	55/1982*	18/1904
12	63	38	82/2007	45/1922	56/1989	24/1954*
13	63	38	84/2007	41/1969	<b>59/1945</b>	22/1956
14	63	38	86/2013	42/1975	53/1926	25/1962
15	63	38	87/2007	42/1991	53/1947	23/1917
16	64	38	<b>90/1934</b>	45/1963	55/2013	22/1991
17	64	38	89/2007	49/2003	50/1994	21/1991
18	64	39	83/2017*	45/2012	54/1994*	25/1943
19	64	39	85/1907	39/1979	54/1995*	24/1937
20	64	39	89/2004	43/1979	54/1936	25/1937
21	65	39	89/2004	40/1979	54/1978	25/1955
22	65	39	87/2004	43/1973	55/2004	22/1923
23	65	39	85/1956	41/1945	58/2004	24/2009
24	65	39	83/1956	48/1995	56/2004*	16/1904
25	66	40	82/1956	39/1977	55/1908	24/1902
26	66	40	83/1988	41/1991	54/1972	21/1913
27	66	40	84/1986	41/1975	55/1988*	24/2009*
28	66	40	85/2015	45/1975	55/1929	20/1975
29	67	40	86/1934	45/1998	51/1964	23/1975
30	67	41	87/2004	52/1998	53/1974	22/1975
31	67	41	88/1934	55/1963	52/2004	26/1936

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# April

Period of Record: 1902-Present  
Normals: 1981-2010

Date	Normal High	Normal Low	Record High Maximum	Record Low Maximum	Record High Minimum	Record Low Minimum
1	67	41	87/2011	47/1998	62/1945	25/1936
2	68	41	87/1966	46/1997*	56/2001	26/1975*
3	68	41	88/1961	47/1921	56/1961	25/1936
4	68	42	91/1961	45/1965	54/2006	25/2009
5	69	42	89/1961	51/1922	60/1972	27/1958
6	69	42	89/1989	50/1922	61/1972	22/1975
7	69	42	92/1989	51/1975	60/1971	28/1922
8	69	42	91/1989	51/2011*	59/1989	29/2010
9	70	43	95/1934	44/2011*	61/1974	<b>21/1953</b>
10	70	43	91/1907	48/2001	59/1989	26/1906
11	70	43	96/1936	46/1965	66/1989	26/1953
12	71	43	94/1936	44/1967*	57/2002	25/1953
13	71	44	91/1936	47/1976	58/1954	28/1975
14	71	44	90/2002	47/2012	63/1971	24/1972
15	71	44	91/1936	50/2009	62/1985	29/1998
16	72	44	91/1936	<b>42/1976</b>	60/1985	26/1998
17	72	45	92/1936	52/1988	64/1984	28/2008
18	72	45	95/1938	52/1971	61/1987	29/1976
19	72	45	<b>97/1938</b>	52/1972	60/1961	29/1975
20	73	45	95/1938	53/1988	61/1902	30/1941
21	73	46	91/2012*	53/2001	64/1954	28/2005*
22	73	46	93/2012	47/2010	60/1960	27/1921
23	74	46	93/2012*	52/1942	67/1927	28/1904
24	74	46	95/1921	57/1960	<b>68/1946</b>	27/1904
25	74	47	93/1997	54/1938	67/1956	29/1932
26	74	47	94/2018*	55/1984	64/1917	30/1984
27	75	47	93/2000	49/1970	65/2001	27/1932
28	75	47	94/2007	49/1970	60/1981	31/1970
29	75	48	94/2013	47/1999	64/1945	28/1970
30	76	48	92/1943*	51/1973	62/2007*	29/1967

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# May

Period of Record: 1901-Present  
Normals: 1981-2010

Date	Normal High	Normal Low	Record High Maximum	Record Low Maximum	Record High Minimum	Record Low Minimum
1	76	48	92/1985	56/1988	71/1947	30/1967
2	76	48	102/1947	57/1955	67/1947	34/2008*
3	76	49	103/1947	54/1930	68/1947	34/1942
4	77	49	102/1947	50/1930	66/1956	30/1908
5	77	49	100/1947	<b>44/1930</b>	66/1947	33/1915
6	77	50	98/1947	48/1932	65/2000	32/1978
7	78	50	96/1947	48/1932	67/2000	32/1995
8	78	50	96/1989	49/1932	67/1987	33/1965*
9	78	50	98/1934	55/1930	69/1989	31/1930
10	79	51	100/1934	61/1991	67/1962	33/1908
11	79	51	99/1960	57/1933	66/1962	32/2005
12	79	51	99/1996	62/1933	66/1981	<b>29/1909</b>
13	80	52	96/2013	60/1977	65/2006	30/1909
14	80	52	100/1937	63/1962	68/1996	32/1909
15	80	52	99/1927	55/1951	69/1987	36/1955
16	81	53	100/1937	64/1962	65/1927	32/1908
17	81	53	100/1937	60/1930	70/1997	33/1908
18	81	53	99/2008	62/2011	69/2014	34/1934
19	82	53	103/2008	58/1974	68/2006	37/1909
20	82	54	105/1923	59/1975	65/2008	38/1974
21	82	54	<b>106/1923</b>	62/1975	69/1989	30/1975
22	83	54	103/1967	65/2008	68/1947	38/1975
23	83	55	100/2005*	62/2010	68/2003	38/1932
24	84	55	101/2001	58/2008	69/1984	34/1909
25	84	55	99/2001*	59/1996	67/2017	36/2010
26	84	56	101/1951	65/1987	75/2006	34/1911
27	85	56	105/2003	67/1962	69/1984	36/1942
28	85	56	104/2003	61/1990	70/2000	35/1918
29	86	57	102/2003*	57/1971	<b>78/2003</b>	35/1918
30	86	57	101/2002	66/1988	76/1984	38/1971
31	86	57	100/1938	58/1991	71/1997	41/1935

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**



# June

Period of Record: 1901-Present  
Normals: 1981-2010

Date	Normal High	Normal Low	Record High Maximum	Record Low Maximum	Record High Minimum	Record Low Minimum
1	87	58	108/1915	65/1991	77/2002*	<b>34/1908</b>
2	87	58	102/2016	72/1999*	79/1903	41/1929
3	87	58	104/1946	67/1925	75/1903	35/1906
4	88	59	108/2016	<b>62/1999</b>	77/1903	<b>34/1908</b>
5	88	59	105/2016	67/1993*	77/1996	36/1908
6	89	59	103/2013	69/1934*	74/1981	37/1906
7	89	60	106/2013	68/1995	74/1928	36/1906
8	89	60	107/1955	63/1968	74/1927	41/1950*
9	90	60	109/1921	67/1968	76/1978	43/1906
10	90	61	107/1910	72/1913	76/1955	45/1941
11	90	61	107/1918	76/1976	74/1921	44/1954
12	91	61	107/1918	77/1943	73/1926	42/1919
13	91	62	107/1940	75/1943	77/1927	42/1943
14	91	62	108/1940*	76/1907	83/1918	42/1943
15	92	62	109/1940	74/1997	75/1989	40/1907
16	92	62	110/1917	66/1995	76/1961	40/1907
17	92	63	108/1917	70/1995	79/1949	43/1923
18	92	63	109/2017	73/1964	73/2000	44/1979
19	93	63	111/2017	77/1975	75/1945	44/1919
20	93	64	113/2017	77/1975	77/1989	50/1920
21	93	64	111/2017	79/1947	80/2016	48/1923
22	93	64	107/2017	85/1972	<b>86/1902</b>	49/1911
23	94	65	108/2017*	85/1972	78/1954	43/1907
24	94	65	112/2017	83/1950	79/1961	47/1907
25	94	65	109/1970	83/1991	77/2017	43/1941
26	94	65	109/1970	77/1965	80/1981	49/1933
27	94	66	109/1973	78/1991	80/1970	46/1934
28	94	66	110/2013	84/1991	85/1914	44/1934
29	95	66	<b>112/2013</b>	76/1912	82/1914	49/1908
30	95	66	110/2013	81/1982	86/1979	47/1910

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**



# July

Period of Record: 1901-Present  
Normals: 1981-2010

Date	Normal High	Normal Low	Record High Maximum	Record Low Maximum	Record High Minimum	Record Low Minimum
1	95	67	108/1967	81/1992	81/2013	48/1910
2	95	67	111/1967	84/1982	82/1990	<b>45/1928</b>
3	95	67	109/1907	80/1912	82/1906	51/1920
4	95	67	110/2007	82/2012	80/2013	50/1956*
5	95	67	109/2007	88/1926	78/2002	50/1956
6	95	68	108/2017*	84/2001	79/1996	47/1934
7	96	68	112/2017	82/1950	80/1917	54/1935
8	96	68	108/2017*	84/2000	84/2017*	50/1948
9	96	68	107/1961	81/1930	82/2017	52/1935
10	96	68	111/2003	86/2014	79/1913	53/1935*
11	96	69	110/1961	80/1989	81/1906	56/1974
12	96	69	110/1939	82/1999	83/1925	52/1924
13	96	69	110/2005*	<b>78/2012</b>	83/2007	51/1924
14	96	69	109/2003	81/1910	81/1959*	52/1952
15	96	69	110/1911	82/1990	80/2007*	53/1905
16	96	69	110/1998	80/1930	79/1997	52/1907
17	96	69	<b>113/2005</b>	80/1976*	84/1925	50/1907
18	96	69	112/2005	82/1943	84/1914	52/1927
19	96	69	106/2009	86/1994	84/1914	55/1958
20	96	70	109/1910	<b>78/1979</b>	81/2010	53/1940
21	96	70	110/1910	80/1986	81/2003	56/1958
22	96	70	106/2016	79/1997	82/1912	57/1958
23	96	70	107/1996	83/1998	79/2006	60/2001*
24	96	70	107/1928	79/1941	<b>85/1912</b>	57/1977
25	96	70	107/1943	79/1929	80/1914	53/1918
26	96	70	108/1934	82/1926	84/1914	55/1918
27	96	70	108/1934	83/1926	81/1994	49/1907
28	96	70	108/2016	80/1984	85/1914	54/1907
29	96	70	107/2016	81/1999	83/1905	55/1907
30	96	70	106/1938	81/2012*	83/1972	57/1913*
31	96	70	108/1938	82/2012	83/1914	58/1924*

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# August

Period of Record: 1901-Present  
Normals: 1981-2010

Date	Normal High	Normal Low	Record High Maximum	Record Low Maximum	Record High Minimum	Record Low Minimum
1	96	70	106/1902	79/2003	82/1914	52/1928
2	96	69	105/1918	80/1930	82/2008*	54/1937
3	95	69	105/1915	77/1930	80/1946	51/1920
4	95	69	105/1998	78/1926	78/1946	52/1964
5	95	69	106/1969	81/1926	78/2007	51/1920
6	95	69	109/1920	79/1930	78/2012	54/1953
7	95	69	110/1920	69/1930	80/1952	54/1911
8	95	69	107/1915	77/1930	78/1981*	53/1957
9	95	69	108/1940	78/2005	79/2003	55/2010
10	95	69	108/1940	76/1925	<b><u>87/1917</u></b>	55/1949
11	95	69	110/1933	81/1946	76/2004	51/1907
12	95	69	110/1933	72/1979	78/2003	52/1964*
13	94	68	<b>111/1933</b>	83/1979	79/2003	48/1932
14	94	68	109/1933	77/1990	80/1996	51/1932
15	94	68	106/1933	81/1943	78/1972	48/1910
16	94	68	110/1933	77/1929*	77/1917	52/1954*
17	94	68	106/2001	72/1983	81/1903	52/1954
18	94	68	109/1915	75/1983	80/2001	50/1949*
19	94	67	<b>111/1915</b>	76/1984	76/1999	50/1918
20	94	67	107/1915	78/1984*	76/1992	53/1918
21	93	67	104/1915	77/1988	78/1904	52/1918
22	93	67	105/1919	75/1929	76/1978	56/1954
23	93	67	106/1919	79/1971	76/1905	52/1968
24	93	67	107/2011	74/1982	75/1952	52/1927
25	93	66	106/1924	77/2013	78/2011	53/1951
26	93	66	107/1924	78/1925	79/1945	49/1940
27	92	66	107/2017	72/1929	78/1910	49/1921*
28	92	66	107/2009	80/1951	75/2017*	50/1920
29	92	66	105/2017*	71/1951	77/1917	49/1920
30	92	65	108/1915	79/2000*	83/1903	<b>43/1907</b>
31	92	65	107/1915	<b>68/1909</b>	75/1996	46/1957

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# September

Period of Record: 1901-Present  
Normals: 1981-2010

Date	Normal High	Normal Low	Record High Maximum	Record Low Maximum	Record High Minimum	Record Low Minimum
1	92	65	<b>108/1950</b>	82/1960	78/1947	48/1907
2	91	65	106/1950*	72/1929	81/1904	42/1921
3	91	64	104/1948*	73/1929	80/1914	40/1921
4	91	64	103/1955*	73/1998	76/1982	42/1912
5	91	64	104/1932*	69/1981	77/1995	43/1912
6	90	64	104/1955	75/1991	77/1917	42/1916
7	90	63	105/1932	74/1939	72/1949	39/1916
8	90	63	105/1915	77/2014	<b>84/1914</b>	41/1921
9	90	63	107/1910	79/2017	76/1914	42/1921
10	89	63	103/1932*	73/2013	<b>84/1914</b>	41/1921
11	89	62	102/1945	70/1985	78/1914	45/1916
12	89	62	103/1971	75/1988	76/1970	43/1985
13	89	62	103/1948	71/2011	75/1945	43/1952
14	88	62	102/1971	73/2011	75/1971	46/1994
15	88	61	101/2000	75/1925	75/1990	44/1941
16	88	61	102/1922	74/1982	80/1917	39/1916
17	88	61	107/1922	70/1940	79/1917	41/1908
18	87	60	105/1922	59/1965	82/1917	42/1908
19	87	60	104/1922	65/1965	72/1939	40/1955
20	87	60	102/1928	71/2004	77/1928	38/1965
21	86	59	99/1949	69/1988	71/1914	42/1964
22	86	59	101/1949	67/1941	69/1962	40/1923
23	86	59	105/1922	61/1986	74/1947	38/1941
24	85	58	105/1922	<b>58/1986</b>	72/1947	31/1920
25	85	58	100/1947	62/1976	70/2015	44/2017*
26	85	58	99/1914	68/1986	71/1982	40/1934
27	84	57	100/2010	65/1982	70/1927	39/2013
28	84	57	97/1960	61/1905	72/1954	41/2013
29	84	56	98/2010	66/1921	72/1934	40/2013*
30	83	56	99/1980	65/1921	72/1934	<b>34/1907</b>

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# October

Period of Record: 1901-Present

Normals: 1981-2010

Date	Normal High	Normal Low	Record High Maximum	Record Low Maximum	Record High Minimum	Record Low Minimum
1	83	56	<b>100/1980</b>	66/1971	68/2010*	37/1971
2	83	55	99/1980	55/2002	69/1945*	40/2009
3	82	55	98/1964	60/1941	<b>72/1928</b>	38/2002
4	82	55	98/1947	63/1969	69/2007	30/1908
5	82	54	98/1980*	62/1972	67/1924	35/1909
6	81	54	96/1964	60/2011	67/1949*	33/1913
7	81	53	97/1910	62/2011	69/1947	33/1916
8	80	53	99/1910	64/1982	67/1960	32/1916
9	80	53	98/1910	60/1985	68/1926	35/1961
10	80	52	95/1936*	57/2013	66/1934	29/1924
11	79	52	95/1965	57/1925	66/1991	32/1924
12	79	51	96/1950	56/2008	66/1996	31/2008
13	78	51	96/1955	58/1928	66/1958	32/1910
14	78	51	94/2015	57/1925	64/1968	33/1920
15	77	50	96/1961	55/1980	66/1971	36/1981
16	77	50	93/1936	51/1965	64/1958	34/1998
17	77	49	95/1921	47/1971	61/2010	33/2013
18	76	49	97/1921*	47/1908	59/1933	35/1971
19	76	48	98/1915	54/1920	62/1977	27/1908
20	75	48	94/1921	52/1949	67/1924	29/1949
21	75	48	95/1921	54/2004	62/1947	29/1949
22	74	47	93/2003	57/2000	63/1921	30/1996
23	74	47	90/2003	55/2000	70/1913	30/1996
24	73	46	93/1959	56/1975	69/1903	30/1975
25	73	46	90/1959	56/1971	64/1950	32/1954
26	72	46	89/1965	55/1996	60/1965	28/1939*
27	72	45	89/1934	53/1996	59/1912	31/1919
28	72	45	89/2008	47/1922	65/1913	30/1996
29	71	44	88/1937	<b>41/1971</b>	61/1962	<b>23/1971</b>
30	71	44	87/1934	48/1971	60/2016*	<b>23/1971</b>
31	70	44	85/1965*	46/1948	65/1965	28/1971

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# November

Period of Record: 1901-Present

Normals: 1981-2010

Date	Normal High	Normal Low	Record High Maximum	Record Low Maximum	Record High Minimum	Record Low Minimum
1	70	43	87/1921	51/1925	<b>60/1965</b>	28/1943
2	69	43	<b>90/1931</b>	50/1936	53/1945	23/1956
3	69	42	88/1921*	48/1936	55/1960	25/1922
4	68	42	86/1921	53/2015*	58/1924	28/1935
5	68	42	87/1921	50/2011	58/1980	28/1924
6	67	41	89/1921	51/2011	53/1960	28/2013
7	67	41	85/1934	49/2011	57/1903	25/1936
8	66	41	84/1934	45/1946	57/1913	25/1936
9	66	40	84/1914	49/1966	56/2002	24/1936
10	66	40	85/1914	44/1982	58/1913	22/1998
11	65	40	86/1914	47/1998	<b>60/1913</b>	21/2012
12	65	39	85/1914	42/1985	55/1913	22/1950
13	64	39	82/1967	41/1985	53/1983	19/1985
14	64	39	82/1999	39/1964	52/1962	22/1985
15	64	38	82/1906	42/1964	58/1942	23/1964
16	63	38	80/1999	45/1964	50/1954	22/1955
17	63	38	80/2008	41/1958	52/1904	18/1958
18	62	37	80/2008	45/1994	55/1905	23/1958
19	62	37	80/2007	41/1994	55/1933	22/2000
20	62	37	82/1924	44/1956	50/2010	18/1956
21	61	36	78/2006	39/2004	53/2016	16/1906
22	61	36	77/2002	41/2004	53/1919	22/1941*
23	61	36	83/2017	42/1931*	52/1950	15/1931
24	60	36	84/1921	<b>35/1931</b>	54/1965	18/1906
25	60	35	83/1921	38/1931*	53/1949	16/1906
26	60	35	84/1924	41/1906	48/1989	17/2010
27	59	35	80/1950	39/1976	50/1947	19/2010
28	59	35	78/1999	33/1919	53/1947	18/1976
29	59	34	77/1949	39/2006*	50/1947	<b>13/1919</b>
30	58	34	77/1901	43/1991	50/1925	15/1908

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**



# December

Period of Record: 1901-Present  
Normals: 1981-2010

Date	Normal High	Normal Low	Record High Maximum	Record Low Maximum	Record High Minimum	Record Low Minimum
1	58	34	75/2017	40/1968	54/1950	21/1906
2	58	34	76/1949	44/2011	48/1959	20/1991
3	58	34	74/1946	40/2011	49/1966	21/1955
4	57	33	75/1965	44/2011	51/1946	14/1909
5	57	33	73/2012*	38/2013	53/1956	18/2013
6	57	33	73/1939	32/1978	53/1966	13/2013
7	57	33	74/1901	31/1978	51/1905	12/1978
8	56	33	74/1940	29/1978	44/1952	8/1978
9	56	33	73/1981*	36/1972	46/1970	6/1978
10	56	32	75/1950	39/1972	47/1937	16/1972
11	56	32	<b>77/1950</b>	35/1949	47/1981	10/1949
12	56	32	72/1950	35/1961*	52/1995	16/1972
13	56	32	74/2010	<b>22/1932</b>	52/1933	15/1932
14	55	32	70/2010	30/1932	48/1934	19/1967
15	55	32	71/1969	34/1932	49/1934	19/2005
16	55	32	70/1980	38/1965	48/1957	11/2005
17	55	32	74/1980	37/2008	44/1980	17/2005
18	55	31	71/1979	38/2008	46/2010	20/2016*
19	55	31	76/1917	38/1924	49/2010	19/1909
20	55	31	74/1917	35/1968	51/2010	17/2006
21	54	31	73/1917	29/1968	51/1904	9/1968
22	54	31	72/1906	30/1990	46/2005	8/1968
23	54	31	73/1906	29/1990	54/1955	<b>5/1990</b>
24	54	31	75/1950	34/1987	<b>56/1955</b>	12/1990
25	54	31	70/1919	33/1987	50/1946	9/1990
26	54	31	74/1933	36/1987	48/1946	11/1911
27	54	31	75/1980	35/1916	47/1983	15/1990
28	54	31	71/1980	37/1988	49/1907	17/2003
29	54	31	73/2017	37/1988	49/1951	15/1923
30	54	31	76/1917	38/1966	46/1929	13/1990
31	54	31	77/1945*	30/2014	46/1913	11/1918

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

## **Warmest and Coolest Monthly and Annual Average Temperatures**

Listed below are the normal average temperatures by month and then year based on the period from 1981 through 2010 and the ten warmest and ten coldest for each based on average temperature.

### **January**

<b>Normal Average Temperature: 43.7</b>	
<b>Warmest Januaries</b>	<b>Coldest Januaries</b>
1. 51.7/1923	1. 28.6/1937*
2. 50.1/2003	2. 32.2/1949
2. 50.1/1986	3. 35.1/1979
4. 49.3/1953	4. 38.1/1930
5. 48.8/1948	5. 38.6/1932
6. 48.5/1965	6. 38.8/1922
7. 47.9/1981	7. 39.1/1917
7. 47.9/1956	8. 39.2/2013
9. 47.3/1927	9. 39.3/1973
10. 47.0/1961	10. 39.4/1960
10. 47.0/1934	

\*Missing 4 days of data.

### **February**

<b>Normal Average Temperature: 47.5</b>	
<b>Warmest Februaries</b>	<b>Coldest Februaries</b>
1. 53.7/1947	1. 37.7/1939
2. 53.6/1954	2. 39.5/1933
3. 53.5/1963	3. 40.6/1942
4. 53.2/1957	4. 41.1/1949
4. 53.2/1907	5. 41.4/1944
6. 53.0/2015	5. 41.4/1919
7. 52.6/1991	7. 41.7/1956
8. 52.4/1968	8. 42.2/1929
9. 52.0/1995	9. 42.4/2011
10. 51.8/1934	10. 42.5/1966
	10. 42.5/1964

### March

Normal Average Temperature: 51.6	
Warmest Marches	Coldest Marches
1. 60.7/1934	1. 44.7/1991
2. 60.4/2004	1. 44.7/1973
3. 59.6/1972	3. 45.4/1977
4. 57.2/2017	4. 45.8/1958
5. 56.8/2015	4. 45.8/1952
5. 56.6/2013	6. 46.3/1975
7. 56.6/1989	7. 46.4/1938
8. 56.4/2007	8. 46.8/1976
9. 56.0/1947	9. 47.0/1944
9. 56.0/1960	10. 47.1/1924

### April

Normal Average Temperature: 58.4	
Warmest Aprils	Coldest Aprils
1. 66.8/1989	1. 49.4/1975
2. 65.5/1962	2. 51.0/1941
2. 65.5/1946	3. 51.5/1998
4. 64.5/2018	4. 51.7/1983
4. 64.5/1934	5. 52.0/1967
6. 63.6/1959	6. 53.3/1999
6. 63.6/1954	6. 53.3/1944
8. 63.3/2002	8. 53.5/1976
9. 63.0/1939	9. 53.8/1922
10. 62.7/1950	10. 54.1/2005

### May

Normal Average Temperature: 67.4	
Warmest Mays	Coldest Mays
1. 74.8/1984	1. 58.0/1930
2. 73.9/2001	2. 58.3/1932
3. 73.8/2009	3. 60.3/1977
3. 73.8/1997	4. 60.8/1953
5. 73.5/1947	4. 60.8/1917
6. 71.9/2006	6. 61.2/1908
7. 71.6/2007	7. 61.3/1905
8. 71.2/2003	8. 61.5/1933
8. 71.2/1966	9. 62.3/1980
8. 71.2/1923	10. 62.4/1995



## June

Normal Average Temperature: 77.7	
Warmest Junes	Coldest Junes
1. 83.5/2016	1. 70.6/1998**
2. 82.9/2981	2. 71.3/1908
3. 81.8/2017	3. 71.5/1965
4. 81.5/2013	4. 71.6/1934
4. 81.3/2006	5. 71.7/1907
6. 80.7/2015	6. 71.9/1952
7. 80.7/1918	7. 72.3/1951
7. 80.6/1994	8. 72.4/1995
9. 80.2/2003	9. 72.5/1913
10. 80.2/1903	10. 72.8/1906
10. 80.0/2012	
10. 79.8/1986*	

\*\*Missing 1 day.

## July

Normal Average Temperature: 83.1	
Warmest Julys	Coldest Julys
1. 86.9/2003	1. 78.4/1955
2. 86.3/2010	2. 78.6/1926
3. 86.2/2016	3. 79.2/1930
4. 86.0/2009	4. 79.4/1904
4. 86.0/1959	5. 79.6/1941
6. 85.9/1914	6. 79.7/1993
7. 85.7/2007	6. 79.7/1987
8. 85.6/1933	6. 79.7/1948
8. 85.6/1901	6. 79.7/1929
10. 85.5/2017*	10. 80.0/1912

## August

Normal Average Temperature: 81.4	
Warmest Augusts	Coldest Augusts
1. 85.9/2011	1. 75.5/1941
2. 84.2/2007	1. 75.5/1925
2. 84.2/1996	3. 75.7/1920
4. 84.0/1969	4. 76.6/1932
5. 83.9/1966	5. 77.0/1930
6. 83.8/2015	6. 77.2/1926
7. 83.7/2008	7. 77.5/1983
7. 83.7/1915	7. 77.5/1951
9. 83.3/2002	9. 77.6/1918
9. 83.3/1995	10. 77.7/1968
9. 83.3/1903	

## September

Normal Average Temperature: 74.9	
Warmest Septembers	Coldest Septembers
1. 79.7/1979	1. 68.3/1941
2. 79.1/2015	2. 68.9/1986
3. 77.8/2010	3. 69.2/1985
4. 77.7/2003	4. 70.0/1965
4. 77.7/1922	4. 70.0/1929
6. 77.6/1945	6. 70.6/1940
7. 77.5/2009	7. 70.8/1950
8. 77.4/1932	7. 70.8/1921
9. 77.3/2012	7. 70.8/1916
9. 77.3/2001	10. 71.0/1931
9. 77.3/1995	10. 71.0/1908

## October

Normal Average Temperature: 63.5	
Warmest Octobers	Coldest Octobers
1. 70.0/2003	1. 56.1/1941
2. 69.8/1964	2. 56.3/1919
3. 69.4/1988	3. 57.7/1984
4. 68.7/1965	4. 57.8/1939
5. 68.5/1978	5. 58.1/1908
6. 67.8/1952	6. 58.2/2013
6. 67.8/1945	7. 58.5/1920
8. 67.6/1947	8. 58.9/1972
9. 67.6/2016	8. 58.9/1916
9. 67.5/1977	10. 59.4/2009
9. 67.5/1958*	10. 59.4/1946

## November

Normal Average Temperature: 51.0	
Warmest Novembers	Coldest Novembers
1. 59.2/1949	1. 44.6/2000
2. 58.6/1901	2. 44.9/1994
3. 57.3/2017	3. 46.4/1972
4. 56.9/1903	4. 46.9/1940
5. 56.6/1967	5. 46.9/1957
6. 56.4/1954	6. 47.1/1993
7. 56.3/1950	7. 47.2/2004
8. 56.1/1995	8. 47.3/2015
9. 56.0/2007	9. 47.7/1964
10. 55.6/1999	10. 47.8/1985

## December

Normal Average Temperature: 43.8	
Warmest Decembers	Coldest Decembers
1. 52.0/1950	1. 36.1/1932
2. 51.1/1917	2. 36.2/1909
3. 50.8/1980	3. 36.6/1990
4. 50.0/1901	4. 37.3/1978
5. 49.7/1958	5. 38.5/1967
6. 49.5/1946	6. 39.0/1931
7. 49.1/1977	7. 39.2/1987
8. 48.7/1981	8. 39.5/1911
9. 48.5/1944	9. 39.6/1968
10. 47.4/1910	10. 39.7/2009
	10. 39.7/1972
	10. 39.7/1927

## Warmest and Coldest Months Overall

Warmest Months	Coldest Months
1. 86.9/July 2003	1. 28.6/January 1937**
2. 86.3/July 2010	2. 32.2/January 1949
3. 86.2/July 2016	3. 35.1/January 1979
4. 86.0/July 2009	4. 36.1/December 1932
4. 86.0/July 1959	5. 36.2/December 1909
6. 85.9/August 2011	6. 36.6/December 1990
6. 85.9/July 1914	7. 37.3/December 1978
8. 85.7/July 2007	8. 37.7/February 1939
9. 85.6/July 1933	9. 38.5/December 1967
9. 85.6/July 1901	10. 38.6/January 1932
11. 85.5/July 2017*	

\*\* Missing one day.

### Annual

Normal Average Temperature: 61.5	
Warmest Years	Coldest Years
1. 64.4/1934	1. 58.3/1941
2. 64.1/2017	2. 58.9/1930
2. 64.1/2016	3. 59.2/1998*
4. 63.9/2003	4. 59.4/1975
5. 63.6/2014	5. 60.3/1982
6. 63.5/2007	5. 60.3/1908
7. 63.3/2012	7. 60.4/1942
7. 63.3/2015	8. 60.6/1976
7. 63.3/1989	9. 60.7/1951
10. 63.1/1959	10. 60.8/1964
	10. 60.8/1905

\*Missing 1 day.

### Average Monthly and Annual Temperatures at Kingman

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1901	M	M	M	M	M	73.1	85.6	83.0	74.0	66.9	58.6	50.0	M
1902	46.3	M	M	61.6	M	M	M	80.0	M	M	M	M	M
1903	M	M	M	M	M	80.2	82.3	83.3	73.5	66.0	56.9	44.7	M
1904	40.5	50.6	53.2	58.3	67.9	76.2	79.4	80.0	71.8	63.4	55.2	45.8	61.9
1905	45.8	46.5	52.2	57.4	61.3	73.2	82.4	81.8	73.7	61.8	51.0	41.8	60.8
1906	43.9	50.4	51.1	57.0	64.9	72.8	84.7	M	M	M	48.9	46.8	M
1907	42.1	53.2	51.6	59.3	63.2	71.7	81.7	80.7	73.5	63.6	52.6	47.2	61.5
1908	45.8	46.4	52.7	59.2	61.2	71.3	82.6	80.3	71.0	58.1	52.9	41.8	60.3
1909	46.4	45.2	47.4	57.8	62.8	M	M	79.4	71.3	61.3	50.5	36.2	M
1910	40.9	45.6	55.8	M	M	76.0	82.2	82.2	76.6	64.7	53.2	47.4	M
1911	46.8	M	M	M	64.6	75.7	81.4	81.2	73.9	62.2	50.6	39.5	M
1912	46.5	49.2	M	M	M	M	80.0	78.7	71.7	62.3	53.2	42.4	M
1913	40.2	45.4	49.9	60.2	66.0	72.5	M	83.0	M	63.5	53.7	43.4	M
1914	46.4	46.9	M	59.5	66.8	79.4	85.9	84.7	M	64.2	56.7	40.3	64.7
1915	43.3	47.8	54.3	60.3	M	M	82.4	83.7	75.5	M	M	M	M
1916	45.3	M	M	M	M	M	M	M	70.8	58.9	50.2	39.9	M
1917	39.1	45.8	M	M	60.8	76.8	85.6	83.2	M	M	55.3	51.1	M
1918	43.7	46.6	53.8	58.4	63.5	80.7	80.2	77.6	74.2	65.1	50.6	43.4	61.7
1919	44.4	41.4	49.1	60.6	68.8	73.9	83.3	81.6	73.4	56.3	49.0	43.7	60.5
1920	44.1	44.4	47.9	54.7	63.3	M	M	75.7	71.3	58.5	50.1	40.8	M
1921	43.5	50.6	56.8	57.9	65.7	78.4	83.4	79.2	70.8	66.9	54.8	46.9	63.1
1922	38.8	44.0	47.5	53.8	64.3	75.5	83.1	80.8	77.7	64.4	49.5	M	M
1923	51.7	48.5	52.6	54.3	71.2	M	M	79.1	71.8	60.6	53.6	44.1	M
1924	43.2	51.5	47.1	55.8	68.9	78.3	81.1	81.2	76.4	62.7	54.3	41.8	61.9
1925	43.5	50.6	53.3	59.3	68.0	73.6	81.3	75.5	M	57.8	48.7	45.3	M
1926	39.7	47.0	53.2	58.0	64.9	75.5	78.6	77.2	72.3	64.7	51.2	42.4	60.7
1927	47.3	49.9	50.7	59.4	68.6	77.4	82.7	80.2	72.0	64.7	52.5	39.7	62.1
1928	45.9	47.8	55.9	59.4	70.8	77.2	82.4	80.5	75.0	62.3	50.7	42.1	62.5
1929	42.1	42.2	52.5	57.4	68.5	73.6	79.7	76.6	70.0	60.0	48.8	47.0	60.0
1930	38.1	48.1	47.8	58.5	58.0	73.2	79.2	77.0	72.7	61.2	50.1	42.2	58.9
1931	44.3	47.6	52.4	61.4	68.2	M	M	78.4	71.0	63.0	50.1	39.0	M
1932	38.6	43.4	53.0	56.5	58.3	M	M	76.6	77.4	62.5	52.7	36.1	M
1933	40.3	39.5	52.3	56.3	61.5	74.8	85.6	82.0	77.2	67.5	55.1	47.1	61.7
1934	47.0	51.8	60.7	64.5	69.7	71.6	83.3	81.0	74.7	66.5	53.8	46.9	64.4
1935	45.3	49.7	49.6	59.6	62.9	76.9	80.9	81.5	75.9	62.0	50.8	46.1	61.8
1936	45.0	45.0	53.8	61.9	68.8	77.4	M	M	72.8	62.4	51.6	42.9	M
1937	28.6	44.7	48.7	56.4	67.4	75.4	82.5	82.2	76.5	64.3	52.2	46.6	60.9
1938	45.3	44.9	46.4	59.3	67.9	M	M	M	M	M	M	M	M
1939	43.9	37.7	50.6	63.0	M	M	83.2	M	73.7	57.8	52.0	47.0	M
1940	44.6	45.5	53.5	58.6	70.4	79.8	81.9	82.3	70.6	61.3	46.9	45.6	61.8
1941	43.1	48.1	48.7	51.0	64.9	70.9	79.6	75.5	68.3	56.1	50.4	42.6	58.3
1942	42.6	40.6	48.4	56.9	64.3	74.8	83.4	78.1	73.3	62.5	53.3	45.8	60.4
1943	43.2	47.9	52.6	60.1	68.4	73.0	81.8	80.7	76.0	62.1	50.4	43.2	61.7
1944	40.7	41.4	47.0	53.3	M	M	M	M	M	M	M	48.5	M
1945	45.9	49.2	M	59.5	68.1	76.4	85.2	83.2	77.6	67.8	53.5	45.7	M
1946	44.7	46.9	54.3	65.5	69.5	M	83.1	82.8	77.0	59.4	49.7	49.5	M
1947	43.8	53.7	56.0	61.4	73.5	77.1	84.3	M	81.3	67.6	49.5	44.6	M
1948	48.8	46.1	48.0	M	M	73.0	79.7	79.2	74.6	63.5	49.2	42.2	M
1949	32.2	41.1	49.6	61.2	66.2	M	M	78.2	77.2	61.4	59.2	42.4	M
1950	41.4	51.4	53.5	62.7	65.1	73.2	80.6	79.8	70.8	67.1	56.3	52.0	62.9

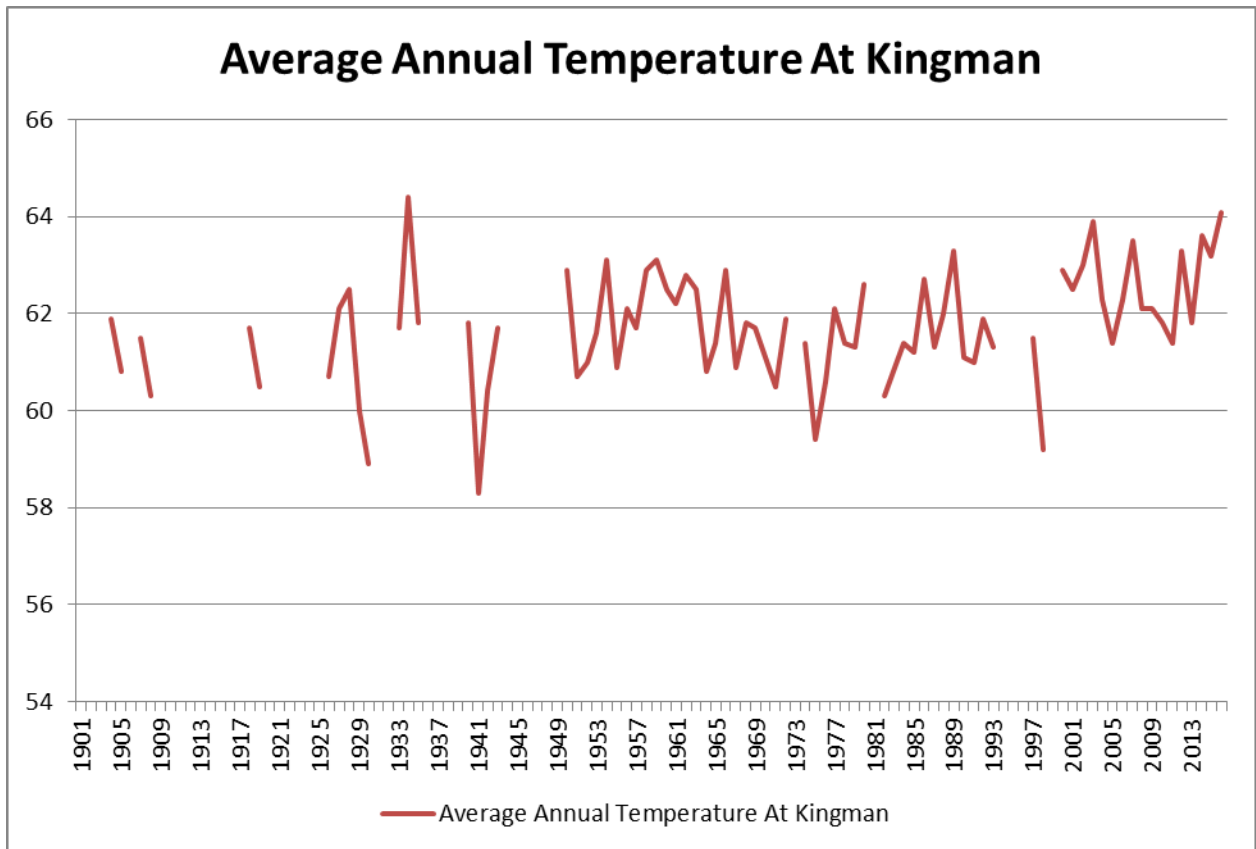
1951	44.0	47.4	51.0	58.4	66.2	72.3	82.5	77.5	74.7	62.3	50.4	41.3	60.7
1952	41.8	45.8	45.8	58.9	68.7	71.9	80.1	81.8	76.6	67.8	48.2	44.5	61.0
1953	49.3	47.3	52.8	57.2	60.8	73.1	83.1	79.0	74.8	62.2	54.9	44.0	61.6
1954	44.5	53.6	49.8	63.6	69.9	73.4	83.1	78.8	75.1	65.2	56.4	44.9	63.1
1955	40.2	42.8	50.6	56.8	66.3	74.4	78.4	79.4	73.7	66.9	52.4	47.1	60.9
1956	47.9	41.7	54.1	59.0	68.4	76.3	81.8	78.0	76.7	61.8	52.0	46.9	62.1
1957	42.9	53.2	53.6	57.9	63.3	78.8	82.7	79.1	74.4	60.5	46.9	47.2	61.7
1958	45.5	49.6	45.8	56.2	70.5	77.2	81.1	82.9	76.0	67.5	52.0	49.7	62.9
1959	46.9	44.9	53.9	63.6	67.0	79.3	86.0	79.3	71.0	65.0	53.3	46.3	63.1
1960	39.4	43.8	56.0	61.3	67.3	79.6	83.1	82.3	76.9	63.1	52.6	44.1	62.5
1961	47.0	48.7	52.0	61.0	66.1	79.8	84.4	80.9	71.7	62.1	49.2	42.6	62.2
1962	42.9	47.2	47.5	65.5	64.9	75.6	82.1	83.0	76.7	65.5	55.2	47.2	62.8
1963	41.5	43.5	49.1	55.9	69.6	73.2	83.4	81.2	76.7	66.0	52.5	45.6	62.5
1964	41.4	42.5	48.0	57.1	65.5	73.5	83.6	80.1	74.9	69.8	47.7	44.2	60.8
1965	48.5	47.1	49.1	54.8	63.6	71.5	82.5	81.6	70.0	68.7	54.8	43.6	61.4
1966	40.9	42.5	53.6	61.7	71.2	77.1	82.5	83.9	76.6	64.3	54.5	44.9	62.9
1967	44.7	49.3	54.4	52.0	67.5	74.7	85.1	M	74.0	67.0	56.6	38.5	60.9
1968	43.3	52.4	52.9	57.1	67.5	77.9	81.9	77.7	75.3	64.7	51.5	39.6	61.8
1969	46.3	43.3	47.5	58.1	69.9	74.4	81.9	84.0	76.1	59.7	51.7	45.8	61.7
1970	42.9	50.0	49.5	53.1	68.6	77.2	84.5	81.9	71.9	60.9	51.9	42.1	61.1
1971	43.1	47.8	52.1	57.2	61.2	75.4	83.9	80.1	74.1	58.6	48.9	40.0	60.5
1972	42.1	49.9	59.6	60.3	68.0	77.3	85.5	79.7	73.4	58.9	46.4	39.7	61.9
1973	39.3	45.5	44.7	54.3	69.8	78.5	83.4	M	72.9	62.3	50.3	45.4	M
1974	40.7	45.4	53.3	57.0	68.9	80.4	81.7	80.2	76.2	63.3	50.7	40.3	61.4
1975	41.1	43.2	46.3	49.4	64.2	75.9	81.9	80.2	75.5	61.0	49.5	43.7	59.4
1976	44.5	47.9	46.8	53.5	69.4	76.2	81.8	79.6	71.0	60.1	52.5	43.7	60.6
1977	41.5	49.0	45.4	60.4	60.3	78.0	83.1	81.1	75.3	67.5	54.1	49.1	62.1
1978	43.0	45.5	53.1	54.3	65.1	79.7	84.3	82.4	74.0	68.5	48.4	37.3	61.4
1979	35.1	43.1	48.0	57.6	66.4	78.0	83.6	79.1	79.7	66.5	49.1	47.2	61.3
1980	46.1	49.6	48.0	57.5	62.3	76.4	84.1	82.0	75.5	64.6	54.3	50.8	62.6
1981	47.9	48.5	49.8	62.4	68.0	82.9	85.3	82.8	76.3	M	54.8	48.7	M
1982	42.7	47.9	49.7	57.4	67.0	74.6	81.1	80.3	72.1	60.1	48.8	41.7	60.3
1983	44.8	46.8	50.1	51.7	65.9	75.1	82.0	77.5	75.8	63.3	50.6	45.6	60.9
1984	44.8	46.6	52.5	57.4	74.8	76.3	80.6	78.6	76.1	57.7	49.1	41.2	61.4
1985	39.5	44.8	50.5	62.1	68.4	79.5	83.7	81.3	69.2	62.2	47.8	45.4	61.2
1986	50.1	49.6	55.6	58.7	68.8	79.8	80.4	82.9	68.9	60.7	52.0	43.8	62.7
1987	40.8	45.7	48.7	62.5	67.1	79.0	79.7	80.2	74.8	67.0	50.5	39.2	61.3
1988	41.9	48.9	51.3	57.4	66.6	78.3	84.6	79.4	72.5	69.6	51.7	42.1	62.0
1989	41.0	46.3	56.6	66.8	69.0	77.8	84.5	80.5	75.2	62.6	53.7	44.7	63.3
1990	42.2	42.8	53.5	60.2	66.1	79.1	81.1	78.5	74.3	65.6	51.6	36.6	61.1
1991	42.0	52.6	44.7	56.7	63.5	73.0	82.1	80.5	75.3	66.5	51.3	43.8	61.0
1992	43.0	48.7	50.2	61.9	68.4	75.2	81.5	81.3	77.0	66.5	48.1	41.0	61.9
1993	43.5	45.6	54.2	60.4	69.7	75.9	79.7	80.1	73.8	62.0	47.1	42.3	61.3
1994	44.5	43.5	54.1	59.1	66.7	80.6	82.9	83.6	M	60.5	44.9	43.8	M
1995	43.8	52.0	M	55.4	62.4	72.4	82.1	83.3	77.3	63.8	56.1	45.0	M
1996	44.5	50.2	53.0	60.5	69.8	M	85.5	84.2	73.2	61.6	52.1	45.0	M
1997	44.2	44.1	54.7	57.5	73.8	75.6	80.8	82.2	74.8	59.7	50.7	40.0	61.5
1998	43.8	43.1	49.0	51.5	61.7	70.6	83.7	82.8	72.5	60.0	50.4	42.9	59.2
1999	46.6	47.8	52.7	53.3	66.8	76.0	80.1	81.3	75.3	65.7	55.6	M	M
2000	46.8	49.2	52.2	63.9	73.1	80.5	84.5	82.0	75.4	61.3	44.6	44.9	62.9
2001	41.5	43.8	52.4	57.5	73.9	79.8	82.3	M	77.3	65.9	54.2	40.9	62.5
2002	42.7	48.2	51.3	63.3	68.6	80.7	85.8	83.3	75.4	62.3	52.7	43.0	63.0
2003	50.1	46.6	51.6	56.7	71.2	80.2	86.9	83.1	77.7	70.0	47.9	43.1	63.9

2004	42.6	43.2	60.4	60.0	70.2	79.2	83.7	81.7	74.3	61.2	47.2	43.3	62.3
2005	44.9	46.1	48.7	54.1	67.3	75.6	85.1	80.6	73.5	63.7	52.6	43.9	61.4
2006	44.0	47.6	47.8	59.0	71.9	81.3	84.6	82.1	72.2	60.6	53.3	42.2	62.3
2007	39.6	48.3	56.4	61.7	71.6	79.3	85.7	84.2	75.6	63.3	56.0	39.8	63.5
2008	41.0	45.6	50.8	57.7	65.0	79.2	84.6	83.7	76.6	64.7	54.6	41.5	62.1
2009	45.1	45.8	50.6	56.4	73.8	75.1	86.0	82.0	77.5	59.4	53.1	39.7	62.1
2010	44.0	46.0	49.0	54.7	63.3	77.9	86.3	82.9	77.8	63.1	48.7	47.3	61.8
2011	42.4	42.4	53.0	57.7	63.9	76.7	83.5	85.9	76.7	63.5	49.0	40.5	61.4
2012	45.0	46.0	52.2	60.4	70.9	80.0	82.3	83.1	77.3	65.0	54.0	43.1	63.3
2013	39.2	43.5	56.6	60.8	70.0	81.5	85.0	81.5	71.4	58.2	51.6	40.8	61.8
2014	46.9	50.8	54.9	60.5	69.7	79.4	83.7	78.7	75.9	65.6	51.8	44.0	63.6
2015	45.5	53.0	56.8	58.2	64.7	80.7	81.3	83.8	79.1	66.8	47.3	41.2	63.2
2016	43.7	51.1	55.8	60.4	67.0	83.5	86.2	81.2	73.1	67.6	55.1	44.1	64.1
2017	43.9	50.9	57.2	59.5	66.8	81.8	85.5	82.5	73.1	64.6	57.3	46.1	61.1
2018	M*	46.4	52.6	64.5									

January 2018 \* M=Missing Data (5 days)



Average Annual Temperature for Kingman, Arizona from 1901-Present. Red line is the average annual temperature.



### **Highest Maximum Temperatures Recorded**

#### 113 degrees

June 20, 2017

July 17, 2005

#### 112 degrees

July 7, 2017

June 24, 2017

June 29, 2013

July 18, 2005

#### 111 degrees

June 21, 2017

June 19, 2017

June 20, 2016

June 10, 2003

July 2, 1967

August 13, 1933

August 19, 1915

#### 110 degrees

June 30, 2013

June 28, 2013

July 4, 2007

July 13, 2005

July 16, 1998

July 13, 1972

July 11, 1961

July 12, 1939

August 16, 1933

August 12, 1933

August 11, 1933

June 29, 1924

August 7, 1920

June 16, 1917

July 15, 1911

July 21, 1910

### **Lowest Maximum Temperatures Recorded**

22 degrees  
December 13, 1932

24 degrees  
January 9, 1937

27 degrees  
December 13, 1967

28 degrees  
January 4, 1949

29 degrees  
December 23, 1990  
December 8, 1978  
December 21, 1968

### **Highest Minimum Temperatures Recorded**

87 degrees  
August 10, 1917

86 degrees  
June 30, 1979  
June 22, 1902

85 degrees  
July 28, 1914  
June 28, 1914  
July 24, 1912

### **Lowest Minimum Temperatures Recorded**

#### 4 degrees

January 29, 1979

#### 5 degrees

December 23, 1990

#### 6 degrees

January 30, 1979

December 9, 1978

January 22, 1937

January 9, 1937

#### 8 degrees

December 8, 1978

December 22, 1968

January 25, 1937

January 21, 1937

January 7, 1913

#### 9 degrees

January 14, 2007

December 25, 1990

December 21, 1968

February 10, 1933

January 12, 1913

January 2, 1907

# Number of Days (Temperatures) at Kingman

## With A High Temperature of 110 degrees or higher

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Greatest</b>	0	0	0	0	0	4/2017	3/2005	4/1933	0	0	0	0	5/2017
<b>Least</b>	0	0	0	0	0	0	0	0	0	0	0	0	0/2015*
<b>Normal</b>	0	0	0	0	0	0	0.2	0	0	0	0	0	0.2

Normals above are based on the period from 1981-2010 and are not computed by NCDC.

\*Most recent of multiple occurrences.

## With A High Temperature of 100 degrees or higher

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Greatest</b>	0	0	0	0	4/1947	17/2016	27/1939	27/1915	13/1932	1/1980	0	0	73/1915
<b>Least</b>	0	0	0	0	0/2015*	0/1997*	0/1930*	0/1988*	0/2014*	0/2015*	0	0	6/1991
<b>Normal</b>	0	0	0	0	1	5	10	6	0.5	0	0	0	22.5

Normals above are based on the period from 1981-2010 and are not computed by NCDC.

\*Most recent of multiple occurrences.

## With A High Temperature of 90 degrees or higher

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Greatest</b>	0	0	1/1934	7/1936	23/1923	30/2013	31/2016*	31/2011*	30/1910	12/1964	1/1931	0	130/1934
<b>Least</b>	0	0	0	0/2014*	0/1998*	7/1991	20/1912	13/1920	0/2007*	0/2014*	0	0	50/1925
<b>Normal</b>	0	0	0	0	0	8	21	28	27	16	2	0	99

Normals above are based on the period from 1981-2010 and are not computed by NCDC.

\*Most recent of multiple occurrences.

## With A High Temperature of 80 degrees or higher

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Greatest</b>	0	4/1986	16/1934	23/1934	31/1940*	30/2016*	31/2016*	31/2016*	30/2015*	30/1952	14/1921	0	217/1934
<b>Least</b>	0	0/2015*	0/2014*	0/1983*	5/1995	23/1925	30/2012*	27/1930	19/1986	2/1986	0/2013*	0	135/1941
<b>Normal</b>	0	0	1	8	21	28	31	30	27	13	1	0	161

Normals above are based on the period from 1981-2010 and are not computed by NCDC.

\*Most recent of multiple occurrences.

**With A High Temperature of 32 degrees or below**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Greatest</b>	4/1937 &1971	1/1989	0	0	0	0	0	0	0	0	0	3/1978 &1990	4/1937 &1971
<b>Least</b>	0/2015*	0/2015*	0	0	0	0	0	0	0	0	0	0/2013*	0/2012
<b>Normal</b>	0.1	**	0	0	0	0	0	0	0	0	0	0.1	0.2

Normals above are based on the period from 1981-2010 and are not computed by NCDC.

\*Most recent of multiple occurrences.

\*\*Occurred once in a 30 year period.

**With A Low Temperature of 32 degrees or below**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Greatest</b>	29/1929	28/1939	22/1922	11/1975	3/1909	0	0	0	1/1920	8/1908	16/1994	30/1931	117/1920
<b>Least</b>	4/1986 &2003	0/1993	0/1994*	0/2013*	0/2015*	0	0	0	0	0/2015*	0/1913*	1/1944	26/1980
<b>Normal</b>	17	10	6	2	0	0	0	0	0	0	7	18	58

Normals above are based on the period from 1981-2010 and are not computed by NCDC.

\*Most recent of multiple occurrences.

**With A Low Temperature of 20 degrees or below**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Greatest</b>	20/1937	7/1985	2/1904 &2007	0	0	0	0	0	0	0	4/1906 &2010	12/1909	22/1949
<b>Least</b>	0/2014*	0/2015*	0/2015*	0	0	0	0	0	0	0	0/2014*	0/2012*	0/2012*
<b>Normal</b>	1	1	0	0	0	0	0	0	0	0	0	1	3

Normals above are based on the period from 1981-2010 and are not computed by NCDC.

\*Most recent of multiple occurrences.

## **Number of Consecutive Days – Temperature**

<b><u>High Temperature of 110 degrees or higher</u></b>
3 days from June 19, 2017 through June 21, 2017
3 days from June 28, 2013 through June 30, 2013
3 days from August 11, 1933 through August 13, 1933

<b><u>High Temperature of 105 degrees or higher</u></b>
9 days from July 9, 2003 through July 17, 2003

<b><u>High Temperature of 100 degrees or higher</u></b>
22 days from July 5, 1939 through July 26, 1939

<b><u>High Temperature of 90 degrees or higher</u></b>
96 days from June 9, 1914 through September 12, 1914

<b><u>High Temperature of 80 degrees or higher</u></b>
151 days from April 29, 1919 through September 26, 1919

<b><u>High Temperature of 32 degrees or lower</u></b>
4 days from January 3, 1971 through January 6, 1971

<b><u>Low Temperature of 80 degrees or higher</u></b>
9 days from July 24, 1914 through August 1, 1914

<b><u>Low Temperature of 33 degrees or higher (freeze-free period)</u></b>
295 days from January 16, 1993 through November 6, 1993

<b><u>Low Temperature of 32 degrees or below</u></b>
48 days from January 25, 1939 through March 13, 1939

<b><u>Low Temperature of 20 degrees or below</u></b>
9 days from January 29, 1949 through February 4, 1949

<b><u>Low Temperature of 10 degrees or below</u></b>
3 days from January 29, 1979 through January 31, 1979

**Earliest and Latest First Occurrence and Last Occurrence for  
Specific Temperature Thresholds and Averages**

**High Temperature of 100 Degrees or Higher**

	<b>Earliest</b>	<b>Latest</b>
<b>First Occurrence</b>	May 10, 1934	July 16, 1992
<b>Last Occurrence</b>	July 19, 1904	October 1, 1980
<b>Average</b>	June 15	August 29

**High Temperature of 90 Degrees or Higher**

	<b>Earliest</b>	<b>Latest</b>
<b>First Occurrence</b>	March 16, 1934	June 11, 1953
<b>Last Occurrence</b>	September 8, 1976 & September 8, 1986	November 2, 1931
<b>Average</b>	May 8	October 5

**High Temperature of 80 Degrees or Higher**

	<b>Earliest</b>	<b>Latest</b>
<b>First Occurrence</b>	February 13, 1957	May 9, 1975
<b>Last Occurrence</b>	September 26, 1919	November 27, 1950
<b>Average</b>	April 2	October 30

**Low Temperature of 32 Degrees or Below**

	<b>Earliest</b>	<b>Latest</b>
<b>First Occurrence</b>	September 24, 1920	December 14, 1901
<b>Last Occurrence</b>	January 15, 1993	May 21, 1975
<b>Average</b>	November 11	April 6

**Low Temperature of 20 Degrees or Below**

	<b>Earliest</b>	<b>Latest</b>
<b>First Occurrence</b>	November 13, 1985	February 15, 1990
<b>Last Occurrence</b>	December 2, 1991	March 28, 1975
<b>Average</b>	December 23	January 27



## **Heating and Cooling Degree Days**

Listed below are the thirty year normal heating and cooling degree days (based on 65°F) by month.

	<b>Monthly Normal Heating Degree Days</b>	<b>Monthly Normal Cooling Degree Days</b>	<b>Season Normal Heating Degree Days</b>	<b>Season Normal Cooling Degree Days</b>
January	665	0	1890	0
February	498	0	2388	0
March	423	1	2811	1
April	227	24	3038	25
May	65	132	3103	157
June	4	372	3107	529
July	0	551	0	1080
August	0	495	0	1575
September	7	292	7	1876
October	127	73	134	1940
November	425	1	559	1941
December	666	0	1225	1941
Annual	3107	1941	N/A	N/A

### **Precipitation Record**

Daily records of precipitation in Kingman started on May 12, 1901. All precipitation data is given in inches. An overview of each month's precipitation is listed below, followed by normal and the record highest amount for each day and month. Normals are from 1981-2010.

It should be noted that from June 12, 1901 through September 30, 1993 precipitation totals were based on the twenty four hour period ending at the time of observation on the day reported. Therefore records from this period represent an observational period record day and not a calendar day. Starting on September 1, 1995 observations are for the twenty four hour period representing the calendar day.

<b>Month</b>	<b>Normal Precipitation</b>
January	1.26
February	1.15
March	1.34
April	0.50
May	0.32
June	0.22
July	1.01
August	1.39
September	0.79
October	0.77
November	0.74
December	0.78
Annual	10.27

# January

Period of Record: 1902-Present

Normals: 1981-2010

Date	Normal Precipitation	Record Precipitation
1	0.02	1.07/1910
2	0.04	0.31/1934
3	0.04	0.53/1917
4	0.04	1.04/1991
5	0.04	1.40/1920
6	0.04	0.82/1935
7	0.04	0.87/1993
8	0.04	1.22/1993
9	0.04	0.58/2018
10	0.04	0.85/1905
11	0.04	0.73/1993
12	0.04	0.98/1960
13	0.04	<b>1.62/1949</b>
14	0.04	0.39/1907
15	0.04	0.50/1935
16	0.04	0.46/1955
17	0.04	0.98/1993
18	0.04	1.15/1921
19	0.04	1.16/2010
20	0.04	1.08/1954
21	0.04	1.61/1917
22	0.04	1.10/1939
23	0.04	1.45/1943
24	0.05	0.40/1944
25	0.05	0.47/1911
26	0.05	1.10/1918
27	0.05	0.90/1914
28	0.04	0.37/2005
29	0.04	1.60/1915
30	0.04	0.87/1980
31	0.04	0.91/1923

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# February

Period of Record: 1902-Present

Normals: 1981-2010

Date	Normal Precipitation	Record Precipitation
1	0.05	0.97/1940
2	0.04	0.65/1936
3	0.04	1.26/1908
4	0.04	1.28/1928
5	0.04	<b>2.24/1931</b>
6	0.04	1.30/1935
7	0.04	0.70/2009
8	0.04	0.61/1993
9	0.04	2.03/1920
10	0.04	1.14/1963
11	0.04	1.90/1915
12	0.04	1.15/1962
13	0.04	1.20/1932
14	0.04	1.52/1954
15	0.04	1.45/1927
16	0.04	0.91/1927
17	0.04	0.72/1932
18	0.04	0.50/1971
19	0.04	1.50/2011
20	0.04	0.67/1993
21	0.04	0.70/1914
22	0.04	0.70/2005
23	0.04	0.67/1944
24	0.04	1.02/1941
25	0.04	1.80/1902
26	0.04	0.91/1969
27	0.05	0.65/1918
28	0.05	0.88/1978
29	-	0.75/1960

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# March

Period of Record: 1902-Present

Normals: 1981-2010

Date	Normal Precipitation	Record Precipitation
1	0.04	0.90/1941
2	0.04	1.14/1991
3	0.05	1.45/1938
4	0.05	0.85/1912
5	0.05	1.03/1945
6	0.05	0.72/1981
7	0.05	0.75/1973
8	0.05	0.91/1992
9	0.05	0.92/1992
10	0.05	0.99/1912
11	0.05	0.87/1952
12	0.05	<b>1.79/1973</b>
13	0.05	0.75/1937
14	0.05	1.43/1941
15	0.05	1.00/1930
16	0.04	0.70/1952
17	0.04	1.20/1963
18	0.04	0.77/1983
19	0.04	0.50/1982
20	0.04	0.85/1918
21	0.04	1.10/1909
22	0.04	0.80/1954
23	0.04	1.20/1954
24	0.04	1.12/1906
25	0.04	0.59/1950
26	0.04	0.77/1925
27	0.04	0.41/1924
28	0.04	0.71/1998
29	0.03	0.70/1949
30	0.02	0.07/1973
31	0.02	1.02/1912

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# April

Period of Record: 1902-Present  
Normals: 1981-2010

Date	Normal Precipitation	Record Precipitation
1	0.02	1.37/1940
2	0.02	1.05/1958
3	0.02	0.39/2004
4	0.02	0.49/1965
5	0.02	0.56/1965
6	0.02	0.35/1906
7	0.02	0.43/1943
8	0.02	0.48/2016
9	0.02	0.71/1965
10	0.02	0.97/1905
11	0.02	0.64/1941
12	0.02	0.75/1918
13	0.02	1.62/1912
14	0.02	1.40/1976
15	0.02	0.42/2003
16	0.01	0.43/1988
17	0.01	0.80/1917
18	0.01	0.22/2000
19	0.01	0.51/1923
20	0.01	<b>2.50/1933</b>
21	0.01	0.95/1988
22	0.01	0.81/1905
23	0.01	0.65/1942
24	0.01	0.18/1990
25	0.01	0.15/1931
26	0.01	0.45/1931
27	0.01	0.23/1987
28	0.01	0.62/1953
29	0.01	0.40/1951
30	0.01	0.40/1931

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# May

Period of Record: 1901-Present  
Normals: 1981-2010

Date	Normal Precipitation	Record Precipitation
1	0.01	0.29/1914
2	0.01	0.30/1905
3	0.01	0.05/1908
4	0.01	0.63/1992
5	0.01	0.77/1969
6	0.01	0.46/1992
7	0.02	0.24/1964
8	0.01	0.47/1971
9	0.01	0.19/2017
10	0.01	0.20/1947
11	0.01	0.90/1958
12	0.01	0.11/1989
13	0.01	0.30/1998
14	0.01	0.36/1951
15	0.01	0.49/1951
16	0.01	0.35/1993
17	0.01	0.08/1993
18	0.01	0.55/1917
19	0.01	<b>1.52/1916</b>
20	0.01	0.25/1917
21	0.01	1.05/1920
22	0.01	0.10/2015*
23	0.01	0.16/1941
24	0.01	0.45/1917
25	0.01	0.21/1996
26	0.01	0.48/1964
27	0.01	0.28/1907
28	0.01	0.32/1990
29	0.01	1.36/1990
30	0.01	0.11/1992
31	0.01	0.32/1992

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# June

Period of Record: 1901-Present

Normals: 1981-2010

Date	Normal Precipitation	Record Precipitation
1	0.01	0.74/1972
2	0.01	0.48/1991
3	0.01	0.43/1952
4	0.00	0.11/1941
5	0.00	0.26/1987
6	0.00	0.20/1987
7	0.00	0.28/1970
8	0.00	0.88/1977
9	0.00	0.14/1968
10	0.00	1.01/2015
11	0.00	0.09/1903
12	0.00	0.12/1953
13	0.00	0.40/2015
14	0.01	0.25/1918
15	0.01	0.13/1997
16	0.01	0.03/1946
17	0.01	0.00/2015*
18	0.01	0.17/1959
19	0.01	T/1988*
20	0.01	T/1959
21	0.01	T/2000*
22	0.01	0.11/2000
23	0.01	0.20/2000
24	0.01	T/2006*
25	0.01	0.50/1954
26	0.01	<b>2.20/1920</b>
27	0.01	0.80/1920
28	0.01	1.00/1912
29	0.02	0.36/1984
30	0.02	0.55/2016

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**



# July

Period of Record: 1901-Present

Normals: 1981-2010

Date	Normal Precipitation	Record Precipitation
1	0.02	0.38/1980
2	0.02	0.93/1984
3	0.02	0.77/1996
4	0.02	0.65/1906
5	0.02	0.10/1949
6	0.02	1.17/1965
7	0.02	0.84/1919
8	0.02	1.40/1990
9	0.02	0.51/1972
10	0.02	1.04/1937
11	0.02	0.90/1919
12	0.02	0.72/1938
13	0.02	0.85/2012
14	0.02	<b>2.48/1990</b>
15	0.02	0.97/1930
16	0.02	0.30/1921
17	0.02	0.38/1967
18	0.04	1.20/1911
19	0.04	2.16/1985
20	0.04	1.42/1974
21	0.04	0.66/1971
22	0.04	1.14/1915
23	0.04	0.70/1946
24	0.04	1.00/1954
25	0.04	1.78/1956
26	0.04	0.67/1908
27	0.04	1.10/2013
28	0.04	1.48/1919
29	0.04	0.83/2017
30	0.04	0.71/1931
31	0.04	0.38/1920

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# August

Period of Record: 1901-Present

Normals: 1981-2010

Date	Normal Precipitation	Record Precipitation
1	0.04	0.78/2007
2	0.04	1.00/1913
3	0.04	0.89/1926
4	0.05	0.35/1955
5	0.05	1.28/1931
6	0.05	0.89/1972
7	0.05	0.99/1948
8	0.05	1.54/1930
9	0.05	1.57/1908
10	0.05	0.83/1931
11	0.05	1.35/1983
12	0.05	1.09/1986
13	0.05	0.92/1904
14	0.05	0.70/1901
15	0.05	1.00/1961
16	0.05	1.37/1984
17	0.05	1.30/1977
18	0.05	1.35/1984
19	0.04	0.56/1957
20	0.04	0.69/1957
21	0.04	1.20/1988
22	0.04	1.28/2016
23	0.04	1.70/1922
24	0.04	2.10/1904
25	0.04	0.42/1932
26	0.04	1.21/1953
27	0.04	0.72/1953
28	0.04	0.62/1971
29	0.04	2.23/1951
30	0.04	1.62/1988
31	0.04	<b>2.27/1909</b>

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

## September

Period of Record: 1901-Present

Normals: 1981-2010

Date	Normal Precipitation	Record Precipitation
1	0.04	1.95/1935
2	0.04	<b>2.78/1940</b>
3	0.02	0.38/1929
4	0.02	0.78/2009
5	0.02	2.10/1939
6	0.02	2.70/1939
7	0.02	0.92/1908
8	0.02	0.82/1975
9	0.02	0.89/1997
10	0.02	0.88/2002
11	0.02	1.78/2002
12	0.02	0.93/1911
13	0.02	1.10/2011
14	0.02	0.23/1959
15	0.02	0.51/1946
16	0.02	0.55/1948
17	0.02	1.32/1940
18	0.02	1.60/1963
19	0.02	0.47/1972
20	0.02	1.25/1939
21	0.02	0.40/1917
22	0.02	0.82/1999
23	0.02	0.18/1935
24	0.02	1.85/1976
25	0.02	1.73/1939
26	0.02	0.89/1967
27	0.02	2.65/1919
28	0.02	0.75/1905
29	0.02	0.20/1935
30	0.02	0.97/1921

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# October

Period of Record: 1901-Present

Normals: 1981-2010

Date	Normal Precipitation	Record Precipitation
1	0.02	0.52/1959
2	0.02	0.55/1932
3	0.02	0.48/1925
4	0.02	0.73/1976
5	0.02	2.21/1925
6	0.02	0.48/1972
7	0.02	0.35/2001
8	0.02	0.76/2014
9	0.02	1.25/1930
10	0.02	0.70/1985
11	0.02	0.29/2012
12	0.02	0.64/1947
13	0.02	0.44/1987
14	0.02	0.71/1986
15	0.02	0.23/1910
16	0.02	0.75/1907
17	0.02	1.01/2005
18	0.02	<b>2.25/1936</b>
19	0.02	0.72/1971
20	0.02	1.06/2004
21	0.02	0.86/1978
22	0.02	0.42/1977
23	0.02	1.05/1921
24	0.02	0.70/1907
25	0.02	0.51/1951
26	0.02	0.88/1971
27	0.02	1.50/1927
28	0.02	0.82/1946
29	0.02	0.65/1946
30	0.02	0.90/1987
31	0.02	1.32/1957

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

# November

Period of Record: 1901-Present

Normals: 1981-2010

Date	Normal Precipitation	Record Precipitation
1	0.02	0.82/1987
2	0.02	0.40/1959
3	0.02	0.52/1987
4	0.02	0.73/2011
5	0.02	0.62/1960
6	0.02	1.55/1944
7	0.02	1.45/2004
8	0.02	0.73/1966
9	0.02	0.70/1939
10	0.02	1.50/1923
11	0.02	1.00/1958
12	0.02	1.35/1985
13	0.02	1.10/1944
14	0.02	0.76/1946
15	0.02	0.58/1965
16	0.02	0.65/1931
17	0.02	0.76/1972
18	0.02	0.46/1940
19	0.02	0.69/1973
20	0.02	0.52/1990
21	0.02	0.76/2004
22	0.02	1.85/1996
23	0.02	1.93/1965
24	0.02	0.30/1918
25	0.02	0.85/1978
26	0.02	0.61/1909
27	0.02	0.65/1930
28	0.02	<b>6.03/1919</b>
29	0.02	0.46/1933
30	0.02	0.98/2007

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

## December

Period of Record: 1901-Present

Normals: 1981-2010

Date	Normal Precipitation	Record Precipitation
1	0.02	0.90/1982
2	0.02	1.10/1978
3	0.02	0.82/1908
4	0.02	0.56/1919
5	0.02	0.78/1951
6	0.02	0.74/1926
7	0.02	1.05/1918
8	0.02	0.44/1926
9	0.02	0.62/1931
10	0.02	1.53/1965
11	0.02	1.00/1932
12	0.02	<b>2.50/1932</b>
13	0.02	1.84/1934
14	0.02	0.51/1908
15	0.02	1.45/1938
16	0.02	0.90/1924
17	0.02	1.23/2008
18	0.02	1.05/1978
19	0.02	1.10/1967
20	0.02	0.97/1909
21	0.02	0.83/1943
22	0.02	0.77/1983
23	0.02	0.84/1948
24	0.02	1.57/1945
25	0.02	1.70/1921
26	0.02	1.23/1923
27	0.02	0.72/1906
28	0.02	2.25/1936
29	0.02	0.52/1977
30	0.02	1.08/1951
31	0.02	0.87/1936

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

## **Kingman Precipitation Records**

### **24 Hour Report Days\* With 2.00 Inches Or More Of Precipitation**

1. 6.03 / November 25-28, 1919*
2. 2.78 / September 1-2, 1940
3. 2.70 / September 5-6, 1939
4. 2.65 / September 27, 1919
5. 2.50 / April 19-20, 1933
5. 2.50 / December 11-12, 1932
7. 2.48 / July 13-14, 1990
8. 2.27 / August 30-31, 1909
9. 2.25 / December 27-28, 1936
9. 2.25 / October 17-18, 1936
11. 2.24 / February 4-5, 1931
12. 2.23 / August 28-29, 1951
13. 2.21 / October 4-5, 1931
14. 2.20 / June 25-26, 1920
15. 2.16 / July 18-19, 1985
16. 2.10 / September 4-5, 1939
16. 2.10 / August 23-24, 1904
18. 2.03 / February 8-9, 1920
19. 2.00 / August 23-24, 1935

\*Counted as a report day record based on the day the value was reported. Report day was on November 28, 1919 but represents a 3 day total accumulation from November 25-28, 1919 as rain was fell on these three days but only a total amount was reported.

### **Wettest and Driest Months, Years and Seasons**

Listed below are the normal precipitation by month, year and season based on the period from 1981 through 2010 and the ten wettest and driest for each.

#### **January**

<b>Normal Precipitation: 1.26</b>	
<b>Wettest Januaries</b>	<b>Driest Januaries</b>
1. 5.87/1993	1. 0.00/1972
2. 3.74/1907	1. 0.00/1971
3. 3.26/1980	1. 0.00/1948
4. 3.18/2005	1. 0.00/1912
5. 3.15/1978	5. Trace/2006
6. 3.04/1979	5. Trace/1984
7. 2.70/1916	5. Trace/1976
8. 2.55/2010	5. Trace/1904
9. 2.32/1908	9. 0.01/2014
10. 2.20/1954	9. 0.01/2000

#### **February**

<b>Normal Precipitation: 1.15</b>	
<b>Wettest Februaries</b>	<b>Driest Februaries</b>
1. 4.62/1993	1. 0.00/2002
2. 4.48/1932	1. 0.00/1984
3. 4.47/1905	1. 0.00/1977
4. 4.43/1931	1. 0.00/1972
5. 4.39/1927	1. 0.00/1967
6. 3.66/1941	1. 0.00/1924
7. 3.23/2005	1. 0.00/1912
8. 3.07/1976	8. Trace/2016
9. 3.02/1944	8. Trace/1961
10. 2.88/1935	10. Trace/1952



### March

Normal Precipitation: 1.34	
Wettest Marches	Driest Marches
1. 4.82/1992	1. 0.00/1997
2. 4.24/1973	1. 0.00/1984
3. 3.60/1941	1. 0.00/1972
4. 3.49/1906	1. 0.00/1956
5. 3.30/1912	1. 0.00/1934
6. 3.29/1952	1. 0.00/1933
7. 3.22/1954	1. 0.00/1932
8. 3.05/1905	8. Trace/1959
9. 2.92/1958	8. Trace/1917
10. 2.91/1978	8. Trace/1914

### April

Normal Precipitation: 0.50	
Wettest Aprils	Driest Aprils
1. 4.04/1965	1. 0.00/2017
2. 2.57/1933	1. 0.00/2008
3. 2.49/1988	1. 0.00/1992
4. 2.42/1905	1. 0.00/1991
5. 2.31/1941	1. 0.00/1989
6. 2.17/1976	1. 0.00/1984
7. 2.01/1912	1. 0.00/1979
8. 1.97/1926	1. 0.00/1966
9. 1.89/1978	1. 0.00/1962
10. 1.85/1958	1. 0.00/1954
	1. 0.00/1950
	1. 0.00/1932
	1. 0.00/1920
	1. 0.00/1919
	1. 0.00/1909
	1. 0.00/1902
	16. Trace/2018
	16. Trace/2007
	16. Trace/2002
	16. Trace/1959

## May

Normal Precipitation: 0.32	
Wettest Mays	Driest Mays
1. 2.15/1992	1. 0.00/2012
2. 1.86/1990	1. 0.00/2010
3. 1.52/1916	1. 0.00/1991
4. 1.45/1917	1. 0.00/1985
5. 1.18/1921	1. 0.00/1983
6. 1.17/1920	1. 0.00/1972
7. 0.91/1951	1. 0.00/1956
8. 0.90/1958	1. 0.00/1948
9. 0.87/1905	1. 0.00/1939
10. 0.77/1969	1. 0.00/1937
	1. 0.00/1936
	1. 0.00/1934
	1. 0.00/1929
	1. 0.00/1928
	1. 0.00/1927
	1. 0.00/1926
	1. 0.00/1925
	1. 0.00/1923
	1. 0.00/1918
	1. 0.00/1913
	1. 0.00/1902
	22. Trace/2014
	22. Trace/2013
	22. Trace/2007
	22. Trace/2005
	22. Trace/2004
	22. Trace/2001
	22. Trace/2000
	22. Trace/1997
	22. Trace/1970
	22. Trace/1963
	22. Trace/1962
	22. Trace/1961
	22. Trace/1959
	22. Trace/1953
	22. Trace/1952
	22. Trace/1950
	22. Trace/1909
	22. Trace/1906

## June

Normal Precipitation: 0.22	
Wettest Junes	Driest Junes
	1. 0.00/2017
1. 3.00/1920	1. 0.00/2014
2. 1.50/1972	1. 0.00/2012
3. 1.49/2015	1. 0.00/2011
4. 1.24/1968	1. 0.00/2008
5. 1.01/1912	1. 0.00/2007
6. 0.93/1964	1. 0.00/2004
7. 0.91/1977	1. 0.00/2003
8. 0.70/1954	1. 0.00/1989
9. 0.57/2000	1. 0.00/1983
10. 0.55/2016	1. 0.00/1982
	1. 0.00/1981
	1. 0.00/1978
	1. 0.00/1975
	1. 0.00/1974
	1. 0.00/1971
	1. 0.00/1969
	1. 0.00/1967
	1. 0.00/1965
	1. 0.00/1963
	1. 0.00/1951
	1. 0.00/1950
	1. 0.00/1945
	1. 0.00/1943
	1. 0.00/1942
	1. 0.00/1939
	1. 0.00/1935
	1. 0.00/1933
	1. 0.00/1929
	1. 0.00/1928
	1. 0.00/1926
	1. 0.00/1924
	1. 0.00/1923
	1. 0.00/1921
	1. 0.00/1919
	1. 0.00/1917
	1. 0.00/1916
	1. 0.00/1910
	1. 0.00/1908
	1. 0.00/1905, 1902, 1901

	<b>Driest Junes</b>
	42. Trace/2001
	42. Trace/1988
	42. Trace/1961
	42. Trace/1960
	42. Trace/1956
	42. Trace/1947
	42. Trace/1913
	42. Trace/1906
	42. Trace/1904

### July

<b>Normal Precipitation: 1.01</b>	
<b>Wettest Julys</b>	<b>Driest Julys</b>
1. 5.15/1919	1. 0.00/1993
2. 3.96/1990	1. 0.00/1934
3. 3.69/1984	1. 0.00/1928
4. 3.03/1915	1. 0.00/1926
5. 2.89/2017	1. 0.00/1902
6. 2.64/1985	6. Trace/1982
7. 2.43/1956	7. 0.01/2010
8. 2.28/1974	8. 0.03/2000
9. 2.18/1911	8. 0.03/1963
9. 2.18/1906	10. 0.04/1997
	10. 0.04/1989
	10. 0.04/1940

### August

<b>Normal Precipitation: 1.39</b>	
<b>Wettest Augusts</b>	<b>Driest Augusts</b>
1. 6.57/1931	1. 0.00/2002
2. 5.48/1904	1. 0.00/1985
3. 5.40/1984	1. 0.00/1976
4. 4.43/1983	1. 0.00/1906
5. 4.04/1953	5. 0.03/1989
6. 3.77/1909	5. 0.03/1973
7. 3.72/1951	7. 0.04/1928
8. 3.40/1988	8. 0.08/1956
9. 3.32/1935	9. 0.09/1999
10. 3.12/1922	9. 0.09/1960

## September

Normal Precipitation: 0.79	
Wettest Septembers	Driest Septembers
1. 9.85/1939	1. 0.00/1993
2. 5.08/1940	1. 0.00/1992
3. 3.73/2002	1. 0.00/1979
4. 3.04/1997	1. 0.00/1955
5. 2.95/1976	1. 0.00/1953
6. 2.82/1908	1. 0.00/1947
7. 2.55/1935	1. 0.00/1942
8. 2.40/2014	1. 0.00/1934
9. 2.03/1963	1. 0.00/1928
10. 2.00/1990	1. 0.00/1920
	1. 0.00/1912
	1. 0.00/1906
	1. 0.00/1901
	14. Trace/2000
	14. Trace/1968
	14. Trace/1957
	14. Trace/1956
	14. Trace/1933

## October

Normal Precipitation: 0.77	
Wettest Octobers	Driest Octobers
1. 3.24/2004	1. 0.00/2009
2. 3.11/1907	1. 0.00/2007
3. 2.64/1957	1. 0.00/1999
3. 2.64/1936	1. 0.00/1988
5. 2.24/2010	1. 0.00/1973
6. 2.23/1971	1. 0.00/1967
7. 2.11/1992	1. 0.00/1965
8. 2.01/1983	1. 0.00/1964
9. 1.98/1972	1. 0.00/1955
10. 1.90/2005	1. 0.00/1954
	1. 0.00/1952
	1. 0.00/1937
	1. 0.00/1935
	1. 0.00/1926
	1. 0.00/1917
	1. 0.00/1909
	1. 0.00/1906
	18. Trace/2017
	18. Trace/1997
	18. Trace/1950
	18. Trace/1915

## November

Normal Precipitation: 0.74	
Wettest Novembers	Driest Novembers
1. 6.28/1919	1. 0.00/2014
2. 3.26/1944	1. 0.00/2006
3. 3.18/2004	1. 0.00/1992
4. 3.08/1965	1. 0.00/1989
5. 2.60/1985	1. 0.00/1980
6. 2.48/1910	1. 0.00/1979
7. 2.37/1996	1. 0.00/1976
8. 2.32/1923	1. 0.00/1974
9. 2.06/1946	1. 0.00/1964
10. 1.86/1905	1. 0.00/1956
	1. 0.00/1948
	1. 0.00/1938
	1. 0.00/1936
	1. 0.00/1935
	1. 0.00/1932
	1. 0.00/1929
	1. 0.00/1924
	1. 0.00/1920
	1. 0.00/1917
	1. 0.00/1916
	1. 0.00/1912
	1. 0.00/1911
	1. 0.00/1904
	1. 0.00/1903
	1. 0.00/1901
	26. Trace/2017
	26. Trace/2012
	26. Trace/2009
	26. Trace/1999
	26. Trace/1943

## December

Normal Precipitation: 0.78	
Wettest Decembers	Driest Decembers
1. 3.89/1936	1. 0.00/2017
2. 3.69/1926	1. 0.00/2005
3. 3.59/1965	1. 0.00/1990
4. 3.50/1932	1. 0.00/1930
5. 3.12/1940	1. 0.00/1929
6. 3.07/1938	1. 0.00/1917
7. 3.04/1984	1. 0.00/1903
8. 2.67/1951	1. 0.00/1901
9. 2.63/2016	8. Trace/1999
10. 2.49/1978	8. Trace/1981
	8. Trace/1969
	8. Trace/1958
	8. Trace/1956
	8. Trace/1913
	8. Trace/1907

## Calendar Years

Normal Precipitation: 10.27	
Wettest Years	Driest Years
1. 21.22/1919	1. 3.58/1947
2. 18.93/1931	2. 3.69/1928
3. 18.68/1905	3. 3.94/1956
4. 18.66/1978	4. 3.95/1989
5. 17.21/1965	5. 4.01/2007
6. 16.99/1992	6. 4.67/1924
7. 16.69/1908	7. 4.83/1942
8. 16.08/1941	8. 5.03/1950
9. 15.84/1939*	9. 5.18/2009
10. 15.31/1940	10. 5.24/2006

\*Missing August 1939.



### **Wettest Months**

<b>Wettest Months</b>
1. 9.85/September 1993
2. 6.57/August 1931
3. 5.87/January 1993
4. 5.48/August 1904
5. 5.40/August 1984
6. 5.15/July 1919
7. 5.08/September 1940
8. 4.82/March 1992
9. 4.62/February 1993
10. 4.48/February 1932

### **Water Years (October - September)**

<b>Wettest Years</b>	<b>Driest Years</b>
1. 20.91/1919-1920	1. 2.64/2006-2007
2. 17.61/1930-1931	2. 4.30/1988-1989
3. 16.99/1907-1908	3. 4.32/2003-2004
4. 16.89/1940-1941	4. 4.36/1999-2000
5. 16.06/2004-2005	5. 4.85/1955-1956
6. 16.03/1992-1993	6. 5.11/2009-2010
7. 15.95/1977-1978	7. 5.60/1980-1981
8. 15.94/1978-1979	8. 6.04/1969-1970
9. 15.89/1904-1905	9. 6.47/2005-2006
10. 15.72/1957-1958	10. 6.63/1923-1924

### **Monsoon Season (June 15<sup>th</sup> – September 30<sup>th</sup>)**

<b>Wettest Monsoon Seasons</b>	<b>Driest Monsoon Seasons</b>
1. 9.83/1984	1. 0.04/1928
2. 7.98/1931	2. 0.09/1989
3. 7.00/1990	3. 0.34/1993
4. 6.89/1908	4. 0.48/2010
5. 6.52/1904	5. 0.53/1924
6. 6.00/1935	6. 0.94/1952
7. 5.82/1983	7. 1.03/2004
7. 5.82/1920	8. 1.06/1945
9. 5.77/1940	9. 1.07/1933
10. 5.70/2014	10. 1.13/1926

### **Meteorological Winter (December – February)**

<b>Wettest Winters</b>	<b>Driest Winters</b>
1. 12.46/1992-1993	1. 0.09/2005-2006
2. 8.65/1926-1927	2. 0.17/1969-1970
3. 7.53/1940-1941	3. 0.30/1963-1964
4. 7.10/1977-1978	4. 0.31/1911-1912
5. 7.02/1906-1907	5. 0.47/2006-2007
6. 6.87/1934-1935	6. 0.48/2013-2014
7. 6.83/2004-2005	7. 0.57/2001-2002
8. 6.78/1931-1932	8. 0.61/1929-1930
9. 6.61/1978-1979	9. 0.63/1976-1977
10. 6.51/1904-1905	10. 0.64/1903-1904

### **Meteorological Spring (March - May)**

<b>Wettest Springs</b>	<b>Driest Springs</b>
1. 6.97/1992	1. Trace/1959
2. 6.34/1905	2. 0.02/1984
3. 6.07/1941	3. 0.08/2007
4. 5.67/1965	4. 0.09/2009
4. 5.67/1958	4. 0.09/1913
6. 4.81/1978	6. 0.15/1956
7. 4.80/1906	7. 0.19/2013
8. 4.47/1952	8. 0.23/1928
9. 4.40/1973	9. 0.24/2008
10. 3.65/1918	10. 0.27/1932

### **Meteorological Summer (June - August)**

<b>Wettest Summers</b>	<b>Driest Summers</b>
1. 9.47/1984	1. 0.04/1928
2. 8.02/1931	2. 0.07/1989
3. 6.60/1919	3. 0.28/1924
4. 6.27/1904	4. 0.35/2004
5. 5.82/1920	5. 0.38/1997
6. 5.42/1990	6. 0.40/2010
7. 5.19/1953	7. 0.43/1993
8. 4.81/1951	8. 0.52/1960
9. 4.64/1983	9. 0.56/1945
10. 4.40/1988	10. 0.66/2009

**Meteorological Fall (September - November)**

<b>Wettest Falls</b>	<b>Driest Falls</b>
1. 11.29/1919	1. 0.05/1956
2. 11.09/1939	2. 0.10/1901
3. 7.10/2004	3. 0.16/1942
4. 6.24/1940	4. 0.24/1938
5. 5.95/2002	5. 0.28/1928
6. 5.36/1972	6. 0.29/1953
7. 4.87/1946	6. 0.29/1924
8. 4.64/1963	8. 0.30/1979
9. 4.27/1976	9. 0.31/1926
10. 4.24/1910	9. 0.31/1904

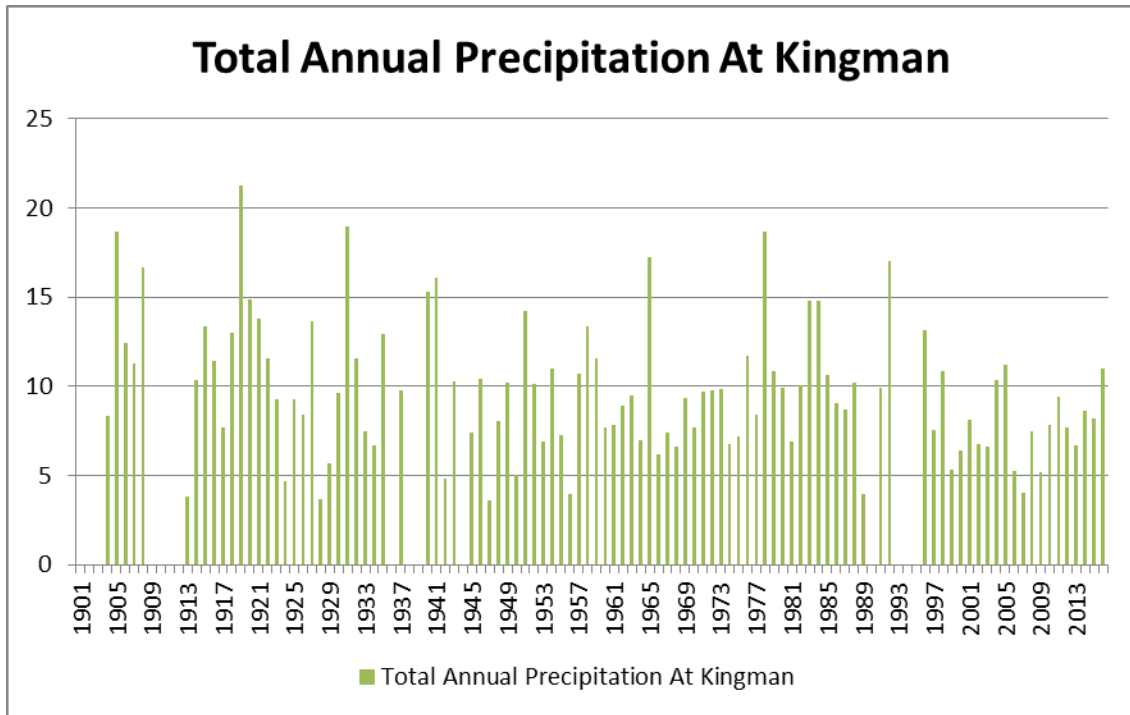
### Total Monthly and Annual Precipitation at Kingman

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1901	M	M	M	M	M	0.00	0.50	1.81	0.00	0.10	0.00	0.00	M
1902	0.25	1.80	0.36	0.00	0.00	0.00	0.00	1.10	M	M	M	M	M
1903	M	M	M	M	0.10	0.27	0.26	0.66	1.52	0.20	0.00	0.00	M
1904	T	0.64	0.55	0.05	0.22	T	0.79	5.48	0.25	0.06	0.00	0.27	8.31
1905	1.77	4.47	3.05	2.42	0.87	0.00	0.15	1.43	1.40	0.45	1.86	0.81	18.68
1906	0.98	1.07	3.49	1.31	T	T	2.18	0.00	0.00	0.00	1.50	1.87	12.40
1907	3.74	1.41	1.21	0.28	0.31	0.14	0.20	0.71	0.12	3.11	0.05	0.00	11.28
1908	2.32	2.58	1.38	0.38	0.28	0.00	1.68	2.39	2.82	0.37	0.22	2.27	16.69
1909	0.87	1.69	2.04	0.00	T	M	M	3.77	1.25	0.00	1.69	2.16	M
1910	1.62	0.05	0.61	M	M	0.00	0.85	1.92	1.11	0.65	2.48	0.42	M
1911	1.66	M	M	M	0.31	0.06	2.18	0.48	1.23	1.35	0.00	0.31	M
1912	0.00	0.00	3.30	2.01	M	1.01	0.09	0.57	0.00	1.12	0.00	0.30	M
1913	0.70	0.41	0.02	0.07	0.00	T	0.06+	1.10	0.35	0.00	1.08	0.00	3.79+
1914	1.88	2.30	T	0.25	0.34	0.21	1.72	0.90	0.45	0.75	0.10	1.46	10.36
1915	2.11	2.80	0.55	0.60	0.70	0.00	3.03	0.85	0.25	0.00	0.29+	2.21	13.39+
1916	2.70	0.64	0.83	0.18	1.52	0.00	1.27	1.57	0.72	0.71	0.00	1.30	11.44
1917	2.31	0.51	0.00	1.15	1.45	0.00	0.60	0.95	0.70	0.00	0.00	0.00	7.67
1918	1.10	1.75	2.90	0.75	0.00	0.30	1.00	1.48	0.92	0.54	0.47	1.79	13.00
1919	0.17	1.65	0.78	0.00	0.15	0.00	5.15	1.45	4.67	0.34	6.28	0.58	21.22
1920	1.62	4.13	0.97	0.00	1.17	3.00	2.08	0.74	0.00	1.13	0.00	0.01	14.85
1921	4.34	0.11	0.71	0.09	1.18	0.00	0.90	1.31	0.97	1.24	0.16	2.79	13.80
1922	1.67	1.14	0.93	0.29	0.34	0.22	0.58	3.12	1.17	0.32	1.17	0.59	11.54
1923	1.39	0.48	0.50	0.96	0.00	0.00	0.31	0.37	0.97	0.03	2.32	1.96	9.29
1924	0.10	0.00	1.14	0.51	0.04	0.00	0.13	0.15	0.25	0.04	0.00	2.31	4.67
1925	0.07	0.01	1.29	1.84	0.00	0.07	0.87	1.23	0.26	2.79	0.34	0.47	9.24
1926	0.50	0.10	0.81	1.97	0.00	0.00	0.00	1.02	0.11	0.00	0.20	3.69	8.40
1927	0.57	4.39	1.58	0.20	0.00	0.06	1.48	0.90	1.00	2.08	0.17	1.20	13.63
1928	0.16	1.98	0.21	0.02	0.00	0.00	0.00	0.04	0.00	0.17	0.08	1.03	3.69
1929	1.00	0.78	0.03	0.32	0.00	0.00	0.68	2.70	0.42	0.03	0.00	0.00	5.69
1930	0.58	0.03	1.90	0.16	0.74	0.06	1.07	2.03	0.36	1.42	1.28	0.00	9.63
1931	0.99	4.43	0.14	1.00	0.18	0.19	1.26	6.57	0.15	0.40	1.42	2.20	18.93
1932	0.10	4.48	0.00	0.00	0.27	0.19	0.07	1.07	0.64	1.21	0.00	3.50	11.53
1933	2.14	0.05	0.00	2.57	0.35	0.00	0.10	0.97	T	0.32	0.46	0.49	7.45
1934	0.39	0.65	0.00	0.40	0.00	0.19	0.00	2.15	0.00	0.31	0.46	2.15	6.70
1935	1.84	2.88	1.62	0.08	0.11	0.00	0.13	3.32	2.55	0.00	0.00	0.37	12.90
1936	0.10	2.47	0.85	0.05	0.00	0.15	M	M	M	2.64	0.00	3.89	M
1937	1.33	1.27	2.59	0.15	0.00	0.11	1.93	0.25	1.04	0.00	T	1.10	9.77
1938	0.37	1.31	1.91	T	0.14	0.23	1.40	M	0.12	0.12	0.00	3.07	M
1939	2.08	M	0.65	0.99	0.00	0.00	0.87	M	9.85	0.29	0.95	0.16	M
1940	1.40	2.26	0.05	1.41	0.14	0.25	0.04	0.40	5.08	0.65	0.51	3.12	15.31
1941	0.75	3.66	3.60	2.31	0.16	0.11	0.57	1.16	0.29	1.37	1.10	1.00	16.08
1942	0.16	0.18	0.11	1.22	0.02	0.00	0.17	1.55	0.00	0.04	0.12	1.26	4.83
1943	1.98	0.78	0.95	1.16	0.03	0.00	0.77	0.88	1.56	0.42	T	1.76	10.29
1944	0.66	3.02	0.65	0.57	M	M	M	M	M	M	3.26	1.09	M
1945	0.53	0.71	2.69	0.04	0.02	0.00	0.29	0.27	0.50	0.60	0.08	1.66	7.39
1946	0.10	0.06	0.59	0.30	0.03	0.03	2.08	1.27	0.98	1.83	2.06	1.12	10.45
1947	0.02	0.08	0.01	0.08	0.24	T	0.46	1.04	0.00	0.66	0.18	0.81	3.58
1948	0.00	1.26	0.81	0.02	0.00	0.08	0.59	1.51	0.67	1.09	0.00	2.02	8.05
1949	3.18	0.87	1.08	0.66	0.59	0.18	0.31	0.77	0.40	0.45	0.72	0.99	10.20
1950	0.32	0.45	0.89	0.00	T	0.00	1.90	0.54	0.70	T	0.15	0.08	5.03

1951	1.06	0.31	0.21	0.92	0.91	0.00	1.09	3.72	0.30	1.66	1.39	2.67	14.24
1952	1.69	T	3.29	1.18	T	0.45	0.28	0.40	0.26	0.00	1.04	1.51	10.10
1953	0.10	0.28	0.31	0.69	T	0.12	1.03	4.04	0.00	0.20	0.09	0.03	6.89
1954	2.20	1.85	3.22	0.00	0.08	0.70	1.73	0.14	0.37	0.00	0.18	0.50	10.97
1955	1.68	0.08	0.01	0.65	0.07	0.02	1.31	2.47	0.00	0.00	0.68	0.28	7.25
1956	1.17	0.06	0.00	0.15	0.00	T	2.43	0.08	T	0.05	0.00	T	3.94
1957	1.86	0.59	0.55	0.57	0.39	0.10	0.70	2.01	T	2.64	0.63	0.68	10.72
1958	0.90	1.86	2.92	1.85	0.90	0.09	0.42	1.15	1.68	0.57	1.00	T	13.34
1959	0.50	2.02	T	T	T	0.23	0.65	2.66	1.68	1.50	0.40	1.90	11.54
1960	1.32	1.11	0.36	0.22	0.30	T	0.43	0.09	1.88	0.60	1.32	0.05	7.68
1961	1.44	T	0.72	0.33	T	T	0.44	3.08	0.27	0.65	0.13	0.77	7.83
1962	1.34	2.80	0.34	0.00	T	0.09	0.05	1.26	1.79	0.39	0.03	0.85	8.94
1963	0.23	1.89	1.25	0.70	T	0.00	0.03	0.72	2.03	1.07	1.54	0.02	9.48
1964	0.26	0.02	1.90	0.67	0.75	0.93	0.38	0.89	0.42	0.00	0.00	0.72	6.94
1965	0.97	1.21	1.39	4.04	0.24	0.00	1.57	0.88	0.24	0.00	3.08	3.59	17.21
1966	0.19	1.05	0.48	0.00	0.13	0.10	0.82	0.20	0.56	0.86	0.85	0.95	6.19
1967	0.55	0.00	0.36	0.66	0.05	0.00	0.99	0.41+	1.83	0.00	0.80	1.76	7.41+
1968	0.44	0.91	0.47	0.14	0.16	1.24	1.50	0.36	T	0.69	0.29	0.45	6.65
1969	1.67	1.60	1.53	0.04	0.77	0.00	1.71	0.89	0.49	0.11	0.51	T	9.32
1970	0.12	0.05	1.12	0.28	T	0.37	0.49	1.97	1.02	0.11	1.08	1.11	7.72
1971	0.00	0.63	0.05	0.37	0.75	0.00	0.75	2.82	0.21	2.23	0.05	1.83	9.69
1972	0.00	0.00	0.00	0.32	0.00	1.50	0.68	0.98	1.55	1.98	1.83	0.92	9.76
1973	1.18	1.61	4.24	0.03	0.13	0.10	1.17	0.03	0.09	0.00	1.10	0.15	9.83
1974	1.93	0.12	0.14	0.05	0.25	0.00	2.28	0.81	0.20	0.35	0.00	0.65	6.78
1975	0.35	0.09	1.21	0.54	0.09	0.00	1.69	0.26	1.73	0.25	0.89	0.11	7.21
1976	T	3.07	0.82	2.17	0.12	0.08	1.14	0.00	2.95	1.32	0.00	0.01	11.68
1977	0.62	0.00	0.15	0.40	0.23	0.91	0.65	2.09	0.27	0.89	0.63	1.58	8.42
1978	3.15	2.37	2.91	1.89	0.01	0.00	0.94	1.23	0.35	1.49	1.83	2.49	18.66
1979	3.04	1.08	2.18	0.00	0.43	0.15	1.50	1.75	0.00	0.30	0.00	0.43	10.86
1980	3.26	2.20	1.30	0.09	0.54	0.04	1.35	0.54	0.38	0.18	0.00	0.04	9.92
1981	0.11	0.90	2.57	0.20	0.17	0.00	0.16	0.97	0.30	1.04	0.46	T	6.88
1982	0.69	0.09	1.75	0.44	0.25	0.00	T	1.71	1.75	0.38	1.27	1.75	10.08
1983	1.19	1.05	2.71	0.045	0.00	0.00	0.21	4.43	1.18	2.01	0.52	1.04	14.79
1984	T	0.00	0.00	0.00	0.02	0.38	3.69	5.40	0.36	0.08	1.80	3.04	14.77
1985	1.89	M	0.90	0.35	0.00	0.05	2.64	0.00	0.49	1.01	2.60	M	M
1986	0.66	1.20	1.40	0.50	0.06	0.28	0.12	1.41	1.22	0.12	0.40	1.69	9.06
1987	M	M	0.66	0.38	0.50	0.54	0.15	1.42	0.35	1.71	1.48	0.88	8.67
1988	1.11	1.10	0.01	2.49	0.02	T	1.00	3.40	0.09	0.00	0.62	0.39	10.23
1989	1.85	0.54	0.65	0.00	0.16	0.00	0.04	0.03	0.02	0.33	0.00	0.33	3.95
1990	M	M	1.01	0.69	1.86	0.42	3.96	1.04	2.00	0.47	0.52	0.00	M
1991	1.55	0.52	2.97	0.00	0.00	0.48	0.17	1.60	0.76	0.55	0.48	0.86	9.94
1992	1.60	2.34	4.82	0.00	2.15	0.08	0.05	1.87	0.00	2.11	0.00	1.97	16.99
1993	5.87	4.62	0.57	0.01	0.45	0.09	0.00	0.34	0.00	M	M	M	M
1994	M	M	M	M	M	M	M	M	M	M	M	M	M
1995	M	M	M	M	M	M	M	M	0.26	0.05	0.18	0.66	M
1996	1.67	2.44	2.01	0.94	0.39	0.19	1.69	0.14	0.47	0.62	2.37	0.19	13.12
1997	2.02	0.64	0.00	0.20	0.00	0.13	0.04	0.21	3.04	0.00	0.60	0.70	7.58
1998	0.45	2.50	1.81	0.53	0.43	0.00	0.43	2.14	1.28	0.27	0.94	0.05	10.83
1999	0.29	0.59	0.19	0.71	0.03	0.10	1.69	0.09	1.66	0.00	0.00	0.00	5.35
2000	0.01	0.89	0.50	0.22	T	0.57	0.03	2.14	T	1.89	0.12	0.03	6.40
2001	1.25	0.93	0.78	0.75	T	T	0.76	0.49	1.10	0.81	0.72	0.53	8.12
2002	0.04	0.00	0.15	T	0.00	0.00	0.45	0.00	3.73	1.33	0.89	0.19	6.78
2003	0.06	1.68	0.78	0.62	0.03	0.00	0.76	1.28	0.59	0.02	0.52	0.27	6.61

2004	0.14	0.89	0.04	1.41	T	0.00	0.17	0.18	0.68	3.24	3.18	0.42	10.35
2005	3.18	3.23	0.62	0.45	T	0.03	0.72	0.96	0.03	1.90	0.05	0.00	11.17
2006	T	0.09	0.64	0.44	0.02	0.14	1.58	0.31	1.30	0.65	0.00	0.07	5.24
2007	0.20	0.20	0.08	T	T	0.00	0.13	0.85	0.46	0.00	1.08	1.01	4.01
2008	2.19	0.80	0.02	0.00	0.22	0.00	0.77	0.35	0.45	0.01	0.30	2.34	7.45
2009	0.29	2.13	0.01	0.06	0.02	0.06	0.30	0.30	1.09	0.00	T	0.92	5.18
2010	2.55	0.60	0.20	0.35	0.00	0.01	0.01	0.38	0.09	2.24	0.08	1.34	7.85
2011	0.03	2.20	0.86	0.84	0.16	0.00	0.51	0.49	1.32	0.74	1.03	1.22	9.40
2012	0.14	0.63	1.04	0.89	0.00	0.00	2.01	1.56	0.25	0.36	T	0.81	7.69
2013	0.76	0.23	0.14	0.05	T	0.01	1.48	1.37	1.80	0.13	0.71	0.04	6.72
2014	0.01	0.43	0.11	0.24	T	0.00	1.25	2.05	2.40	0.76	0.00	1.37	8.62
2015	0.82	0.61	1.27	0.11	0.18	1.49	0.92	1.08	0.20	0.93	0.35	0.24	8.20
2016	1.18	T	0.16	1.37	0.38	0.55	0.44	3.06	0.29	0.50	0.43	2.63	10.99
2017	1.78	0.68	0.24	0.00	0.19	0.00	2.89	0.54	1.65	T	T	0.00	7.97
2018	0.59	0.23	0.49	T									

+ Indicates a total with more than 5 days of missing precipitation.



Total Annual Precipitation At Kingman.

## Number of Days (Precipitation) at Kingman

### With A Trace or More

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Greatest</b>	18/1957	16/1905 &2005	15/1973	15/1926	10/1957	8/1972	19/1984	18/1904	12/2013	12/1907	11/1944	12/1940 1941 &1984	97/1998
<b>Normal</b>	6	6	6	5	3	2	7	7	5	4	4	5	60

Normals above are based on the period from 1981-2010.

### With 0.01 inch or More

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Greatest</b>	15/1993	14/1905 &1998	14/1973	15/1926	8/1992	5/1972	17/1984	13/1904 1929 &1961	10/1939 1967 &1997	11/1972	8/1944 &1984	11/1984	67/1998
<b>Normal</b>	4	5	4	3	1	1	4	5	4	3	3	4	41

Normals above are based on the period from 1981-2010.

### With 0.10 inch or More

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Greatest</b>	12/1993	12/1905	9/1905	10/1926	7/1992	4/1972	10/1984	9/1904 1931 &1955	10/1939	6/1907 1941 1972 2000 &2010	7/1910	8/1965 &1984	50/1905
<b>Normal</b>	3	3	2	2	1	0	2	2	2	2	2	2	23

Normals above are based on the period from 1981-2010.

### With 0.50 inch or More

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Greatest</b>	5/1993	5/1932 &1993	5/1992	5/1965	1/1992^	2/1920	4/1919	6/1931	5/1939	3/1907 &2004	2/2004^	4/1926	14/1905 1908 1931 &1992
<b>Normal</b>	1	1	0	0	0	0	0	1	0	0	0	0	3

Normals above are based on the period from 1981-2010.

\*Happened once in a 30 year period.

^And in previous years.

### With 1.00 inch or More

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Greatest</b>	2/1921	1/2011^	2/1906 &1912	1/1912 1933 1940 1958 &1976	1/1916 1920 &1990	1/1912 1920& 2015	2/1990	2/1988^	4/1939	2/2004	2/1944	2/1932 &1978	5/1912 1935 1939 &1940
<b>Normal</b>	0.1	*	*	0	*	0	*	0.3	0.1	0.1	*	*	1

Normals above are based on the period from 1981-2010.

\*Happened at least once in a 30 year period.

^And in previous years.



## **Consecutive Days Records For Precipitation**

<b><u>Consecutive Days With A Trace or More</u></b>
22 days from August 22, 2013 through September 12, 2013

<b><u>Consecutive Days With Measurable Precipitation (0.01 or More)</u></b>
11 days from March 9, 1986 through March 19, 1986

<b><u>Consecutive Dry Days (Less than a Trace)</u></b>
135 days from January 17, 1984 through May 30, 1984

<b><u>Consecutive Days Without Measurable Precipitation (Includes Trace Amts)</u></b>
154 days from December 29, 1983 through May 30, 1984

## **Kingman Snow Records**

Snowfall measurements were taken once per day at Kingman at the time of observation. Snow measurements can also account for sleet and ice pellets and in some instances also includes hail. When the observation moved to the Kingman Airport in October 1993, cooperative snowfall measurements were discontinued. Instances where snow fell but did not accumulate per general public and spotter reports are denoted as a trace in the records where possible.

### **Monthly and Seasonal Normals and Records**

Month	Normal	Record Lowest Total	Record Highest Total
January	0.2	0.0/2014*	12.0/1905
February	0.6	0.0/2014*	6.5/1990
March	0.2	0.0/2015*	10.0/1952
April	T	0.0/2015*	3.0/1967
May	0.0	0.0	0.0
June	0.0	0.0	0.0
July	0.0	0.0	T/2008
August	0.0	0.0	T/1953
September	0.0	0.0	0.0
October	0.0	0.0/2015*	0.5/1949
November	0.2	0.0/2014*	7.5/1919
December	T	0.0/2005*	14.0/1932
Seasonal	1.1	0.0/1992-1993*	22.0/1932-1933

Normals are based on the period from 1981-2010.

\*Also in earlier years.

### **Earliest and Latest Snow On Record\***

\*Does not include hail, sleet or ice pellets.

Earliest occurrence of snow: 0.5" on October 19, 1949

Earliest measurable snow: 0.5" on October 19, 1949

Latest measurable snow: 2.0" on April 20, 1933

Latest occurrence of snow: April 30, 1951

## **Kingman Snow Records (Continued)**

### **Consecutive Days With a Trace or More of Snow**

4 days from February 13-16, 2012

4 days from December 23-26, 1941

### **Consecutive Days With Measurable Snowfall (Through 1993)**

3 days from February 2-4, 1985

3 days from December 29-31, 1915

### **Greatest Daily Snowfall (Through 1993)**

10.0" on December 12, 1932

7.5" on November 28, 1919

7.0" on January 14, 1949

7.0" on March 11, 1922

7.0" on December 20, 1909

7.0" on January 10, 1909

6.0" on February 19, 1990

6.0" on January 10, 1913

6.0" on January 1, 1906

5.5" on March 17, 1963

### **Biggest Snowstorms (Through 1993)**

14.0" December 10-12, 1932

12.0" January 8-10, 1905

11.0" January 9-13, 1949

8.0" December 30, 1905 - January 1, 1906

7.5" November 25-28, 1906

7.0" March 10-11, 1922

7.0" December 19-20, 1909

6.0" January 8-10, 1913

6.0" February 18-20, 1909

5.5" March 16-17, 1905

## **Kingman Snow Records (Continued)**

### **Snowiest Months**

14.0"/December 1932  
12.0"/January 1905  
11.0"/January 1949  
10.0"/March 1952  
8.1"/December 1909  
7.5"/November 1919  
7.0"/March 1991  
7.0"/March 1922  
6.7"/December 1915  
6.5"/February 1990

### **Snowiest Seasons**

22.0" 1932-1933  
14.7" 1948-1949  
12.0" 1904-1905  
11.4" 1909-1910  
11.0" 1989-1990  
10.5" 1951-1952  
10.5" 1906-1907  
9.0" 1936-1937  
9.0" 1919-1920  
9.0" 1905-1906

### **Greatest Snow Depths\***

7" on January 14, 1949  
7" on March 11, 1922  
6" on January 15, 1949  
6" on January 10, 1913  
6" on January 1, 1906  
5" on January 16, 1949  
5" on November 28, 1919  
5" on January 2, 1906

### **Consecutive Days With Snow On The Ground\***

Measurable – 9 days from January 14, 1949 through January 22, 1949  
Trace or More - 9 days from January 14, 1949 through January 22, 1949

\* Snow depth observation time has varied through the period of record. The time used here was based on that listed in the original B-91 form.

## Kingman Daily Snowfall Records

Date	October	November	December	January	February	March	April
1	0.0	0.0	0.0	6.0/1906	2.0/1919	2.4/1945	T/1906
2	0.0	0.0	T/2011*	2.0/1910	1.5/1985	3.0/1953	0.0
3	0.0	0.0	T/1955	2.0/1990	1.5/1985	0.0	0.0
4	0.0	0.0	T/2013	T/1913	1.0/1985	0.0	0.0
5	0.0	T/2013	0.5/1909	0.0	0.0	2.1/1945	0.0
6	0.0	0.0	0.0	1.0/1907	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	4.0/1966	T/2012	0.0
8	0.0	0.0	T/1912	3.0/1937	T/2013	3.0/1952	0.0
9	0.0	0.0	0.0	5.0/1905	2.0/1908	T/2010	1.2/1943
10	0.0	0.0	3.0/1949	<b>7.0/1905</b>	0.0	1.0/1927	T/2011
11	0.0	0.0	4.0/1932	2.0/1930	0.0	<b>7.0/1922</b>	0.0
12	0.0	3.5/1985	<b>10.0/1932</b>	2.0/1951	0.7/1946	T/2001*	<b>3.0/1967</b>
13	0.0	0.0	0.0	3.0/1937	T/2012	0.0	0.0
14	0.0	0.3/1909	T/2015	<b>7.0/1949</b>	T/2012	1.7/1946	T/2012
15	0.0	0.0	3.0/1961	2.0/1960	1.0/1944	4.0/1991	T/2009
16	0.0	T/2015*	1.0/1908	0.3/1928	T/2012	3.0/1952	0.0
17	0.0	0.0	1.0/1914	4.0/1933	T/1944	5.5/1963	T/2005
18	0.0	0.0	1.0/1911	2.5/1990	1.0/1919	1.0/2012	0.0
19	<b>0.5/1949</b>	0.0	T/1951	0.5/1935	<b>6.0/1990</b>	T/2012	0.0
20	0.0	T/1953	7.0/1909	3.0/1917	0.3/1971	T/1948	2.0/1933
21	0.0	0.5/1931	4.0/1968	T/2010*	2.5/1913	T/2011	T/1957
22	0.0	5.0/1906	1.0/1924	0.5/1929	T/1942	T/1954	T/1914
23	0.0	0.5/1961	0.6/1909	T/2010	T/2015*	T/1954	0.0
24	0.0	0.0	1.2/1916	2.0/1933	3.0/1987	3.0/1964	0.0
25	0.0	0.4/1908	T/1941	T/1954	3.0/1987	0.5/1950	0.0
26	0.0	1.0/1988	1.0/1941	T/1944	0.5/1907	T/1920	0.0
27	0.0	0.2/1908	1.0/1916	0.0	1.0/1907	3.0/1991	0.0
28	0.0	<b>7.5/1919</b>	0.0	T/1944	0.0	1.0/1949	0.0
29	0.0	0.0	3.0/1915	T/1969	0.0	T/1949	T/1970
30	0.0	0.0	2.0/1915	T/1951		T/1905	T/1951
31	0.0		3.0/1936	T/2011*		2.5/1949	T/1951

\* Also in previous years.

**Bold values are the monthly extremes.**

**Bold and underlined values are the all-time extremes.**

**Note:** There is no record of snow\*\* in Kingman in May, June and September. A trace of snow from hail was reported on July 10, 2008 and August 11, 1953.

\*\* "Snow" is defined as the amount of snow, sleet or ice pellets for measurements for cooperative stations.

## Kingman Seasonal Snowfall

Season	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1901-1902	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	2.4	0.0	0.0	0.0	2.4
1902-1903	0.0	0.0	M	M	M	M	M	M	M	M	0.0	0.0	M
1903-1904	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
1904-1905	0.0	0.0	0.0	0.0	0.0	0.0	12.0	T	T	0.0	0.0	0.0	12.0
1905-1906	0.0	0.0	0.0	0.0	T	3.0	6.0	0.0	0.0	T	0.0	0.0	9.0
1906-1907	0.0	0.0	0.0	0.0	5.0	0.0	4.0	1.5	T	0.0	0.0	0.0	10.5
1907-1908	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0
1908-1909	0.0	0.0	0.0	0.0	0.6	1.0	0.0	0.0	0.0	0.0	0.0	M	1.6
1909-1910	M	0.0	0.0	0.0	0.3	8.1	3.0	0.0	0.0	M	M	0.0	11.4*
1910-1911	0.0	0.0	0.0	0.0	0.0	0.0	0.0	M	M	M	0.0	0.0	M
1911-1912	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	3.1
1912-1913	0.0	0.0	0.0	0.0	0.0	T	6.0	2.5	0.0	0.0	0.0	0.0	8.5
1913-1914	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1914-1915	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	T	0.0	0.0	1.0
1915-1916	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	6.7
1916-1917	0.0	0.0	0.0	0.0	0.0	2.2	5.0	T	T	0.0	0.0	0.0	7.2
1917-1918	0.0	0.0	0.0	0.0	0.0	0.0	T	T	0.0	T	0.0	0.0	T
1918-1919	0.0	0.0	0.0	0.0	0.0	3.0	0.0	3.0	0.0	0.0	0.0	0.0	6.0
1919-1920	0.0	0.0	0.0	0.0	7.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	9.0
1920-1921	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1921-1922	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	7.0	0.0	0.0	0.0	7.0
1922-1923	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5
1923-1924	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0
1924-1925	0.0	0.0	0.0	0.0	0.0	1.5	T	0.0	0.0	0.0	0.0	0.0	1.5
1925-1926	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926-1927	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	1.0	0.0	0.0	0.0	1.5
1927-1928	0.0	0.0	0.0	0.0	0.0	1.5	1.5	0.0	0.0	0.0	0.0	0.0	3.0
1928-1929	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5
1929-1930	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.8	0.0	0.0	0.0	4.8
1930-1931	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1931-1932	0.0	0.0	0.0	0.0	3.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	6.9
1932-1933	0.0	0.0	0.0	0.0	0.0	14.0	6.0	0.0	0.0	2.0	0.0	0.0	22.0
1933-1934	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1934-1935	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5
1935-1936	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1936-1937	M	M	M	0.0	0.0	3.0	6.0	0.0	0.0	0.0	0.0	0.0	9.0*
1937-1938	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1938-1939	0.0	M	0.0	0.0	0.0	0.0	0.0	M	0.0	0.0	0.0	0.0	M
1939-1940	0.0	M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	M
1940-1941	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1941-1942	0.0	0.0	0.0	0.0	0.0	1.7	2.5	T	0.5	0.0	0.0	0.0	4.7
1942-1943	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.2	0.0	0.0	2.2
1943-1944	0.0	0.0	0.0	0.0	0.0	0.0	T	1.0	T	0.0	M	M	1.0*
1944-1945	M	M	M	M	0.0	0.0	0.5	0.0	4.6	0.0	0.0	0.0	5.1*
1945-1946	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.7	0.0	0.0	0.0	2.4

1946-1947	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947-1948	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T
1948-1949	0.0	0.0	0.0	0.0	0.0	T	11.0	0.2	3.5	0.0	0.0	0.0	14.7
1949-1950	0.0	0.0	0.0	0.5	0.0	3.0	T	0.0	0.5	0.0	0.0	0.0	4.0
1950-1951	0.0	0.0	0.0	0.0	0.0	0.0	2.0	T	2.0	T	0.0	0.0	4.0
1951-1952	0.0	0.0	0.0	0.0	0.5	T	0.0	0.0	10.0	0.0	0.0	0.0	10.5
1952-1953	0.0	0.0	0.0	0.0	T	0.0	0.0	2.0	3.0	0.0	0.0	0.0	5.0
1953-1954	0.0	T	0.0	0.0	T	0.0	1.0	T	2.0	0.0	0.0	0.0	3.0
1954-1955	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0
1955-1956	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T
1956-1957	0.0	0.0	0.0	0.0	0.0	0.0	M	0.0	0.0	T	0.0	0.0	M
1957-1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958-1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	M	0.0	0.0	0.0	0.0	M
1959-1960	0.0	0.0	0.0	0.0	0.0	M	3.0	0.0	0.0	0.0	0.0	0.0	3.0*
1960-1961	0.0	0.0	0.0	0.0	0.0	M	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961-1962	0.0	0.0	0.0	0.0	0.0	5.0	2.5*	T	M	0.0	0.0	0.0	7.5*
1962-1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	M	0.0	0.0	5.5*
1963-1964	0.0	0.0	0.0	0.0	0.0	0.0	M	0.0	3.0*	0.0	0.0	0.0	3.0*
1964-1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965-1966	0.0	0.0	0.0	0.0	0.0	0.0	T	4.0	0.0	0.0	0.0	0.0	4.0
1966-1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	3.0
1967-1968	0.0	0.0	0.0	0.0	0.0	M	0.0	0.0	0.0	0.0	0.0	0.0	M
1968-1969	0.0	0.0	0.0	0.0	0.0	4.0	T	1.0	M	0.0	0.0	0.0	5.0*
1969-1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	T
1970-1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	T	0.0	0.0	0.0	0.3
1971-1972	0.0	0.0	0.0	0.0	0.0	M	0.0	0.0	0.0	0.0	0.0	0.0	M
1972-1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973-1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974-1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975-1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	M	0.0	0.0	0.0	M
1976-1977	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5
1977-1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978-1979	0.0	0.0	0.0	0.0	0.0	0.0	M	0.0	0.0	0.0	0.0	0.0	M
1979-1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980-1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	T
1981-1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982-1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983-1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984-1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0
1985-1986	0.0	0.0	0.0	0.0	3.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	3.7
1986-1987	0.0	0.0	0.0	0.0	0.0	0.0	0.3	6.0	0.0	0.0	0.0	0.0	6.3
1987-1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988-1989	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
1989-1990	0.0	0.0	0.0	0.0	0.0	0.0	4.5	6.5	0.0	0.0	0.0	0.0	11.0
1990-1991	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	7.0
1991-1992	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
1992-1993	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993-1994	0.0	0.0	0.0	M	M	M	M	M	M	M	M	M	M
1994-1995	M	M	M	M	M	M	M	M	M	M	M	M	M

1995-1996	M	M	0.0	0.0	0.0	T	M	M	0.0	0.0	0.0	0.0	M
1996-1997	0.0	0.0	0.0	0.0	M	M	M	M	M	M	0.0	0.0	M
1997-1998	0.0	0.0	0.0	0.0	M	M	0.0	M	M	M	0.0	0.0	M
1998-1999	0.0	0.0	0.0	0.0	0.0	M	0.0	0.0	0.0	M	0.0	0.0	M
1999-2000	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
2000-2001	0.0	0.0	0.0	0.0	M	0.0	M	M	T	M	0.0	0.0	M
2001-2002	0.0	0.0	0.0	0.0	M	M	0.0	0.0	T	0.0	0.0	0.0	M
2002-2003	0.0	0.0	0.0	0.0	0.0	M	0.0	M	0.0	0.0	0.0	0.0	M
2003-2004	0.0	0.0	0.0	0.0	0.0	M	0.0	M	0.0	0.0	0.0	0.0	M
2004-2005	0.0	0.0	0.0	0.0	M	0.0	M	0.0	0.0	0.0	0.0	0.0	M
2005-2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	M	0.0	0.0	0.0	M
2006-2007	0.0	0.0	0.0	0.0	0.0	M	M	0.0	0.0	0.0	0.0	0.0	M
2007-2008	0.0	0.0	0.0	0.0	0.0	T	M	0.0	M	0.0	0.0	0.0	M
2008-2009	0.0	0.0	0.0	0.0	0.0	M	0.0	M	0.0	T	0.0	0.0	M
2009-2010	0.0	0.0	0.0	0.0	0.0	M	M	M	M	0.0	0.0	0.0	M
2010-2011	0.0	0.0	0.0	0.0	T	M	M	M	M	M	0.0	0.0	M
2011-2012	0.0	0.0	0.0	0.0	M	M	0.0	T	M	T	0.0	0.0	M
2012-2013	0.0	0.0	0.0	0.0	0.0	M	M	M	M	0.0	0.0	0.0	M
2013-2014	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T
2014-2015	0.0	0.0	0.0	0.0	0.0	M	M	M	T	0.0	0.0	0.0	M
2015-2016	0.0	0.0	0.0	0.0	T	T							

\*Total Is Incomplete.



## **Extreme Barometric Pressure – Reduced To Sea Level**

Period of Record is September 1995-Present.

### **Highest Ever**

30.67 inches on February 10, 2002

### **Lowest Ever**

28.90 inches on January 21, 2010

## Wind

### Average Wind Speed – Normal and Highest By Month and Year

Month	Normal*	Windiest
January	7.9 mph	9.5 mph/1997
February	8.7 mph	10.1 mph/2007 & 2011
March	9.5 mph	11.0 mph/1999
April	11.0 mph	12.0 mph/2003
May	11.0 mph	12.6 mph/2014
June	11.7 mph	12.5 mph/2014
July	10.5 mph	12.0 mph/2000
August	9.9 mph	11.5 mph/2002
September	8.9 mph	10.1 mph/2007
October	8.5 mph	9.8 mph/2009
November	7.7 mph	10.1 mph/2010
December	7.6 mph	8.8 mph/1999
Annual	9.4 mph	9.7 mph/2007

\*Normal average wind speed values are based on a period from 1995-2010.

### Record Wind Gusts By Month (1996 – Present)

Month	Highest Value (Direction/Speed/Date)
January	60 mph/210 degrees/January 21, 2010 & 60 mph 240 degrees/January 21, 2012
February	58 mph/230 degrees/February 18, 2004
March	55 mph/240 degrees/March 22, 2009 & 55 mph/240 degrees/March 30, 2014
April	65 mph/360 degrees/April 3, 2017
May	53 mph/210 degrees/May 10, 2004
June	56 mph/150 degrees/June 6, 1997
July	77 mph/090 degrees/July 12, 2002
August	68 mph/100 degrees/August 3, 2005
September	66 mph/170 degrees/September 19, 2004
October	55 mph/130 degrees/October 4, 2010
November	49 mph/220 degrees/November 24, 2001
December	61 mph/200 degrees/December 25, 2008
Annual	77 mph/090 degrees/July 12, 2002

### Average Wind Speed

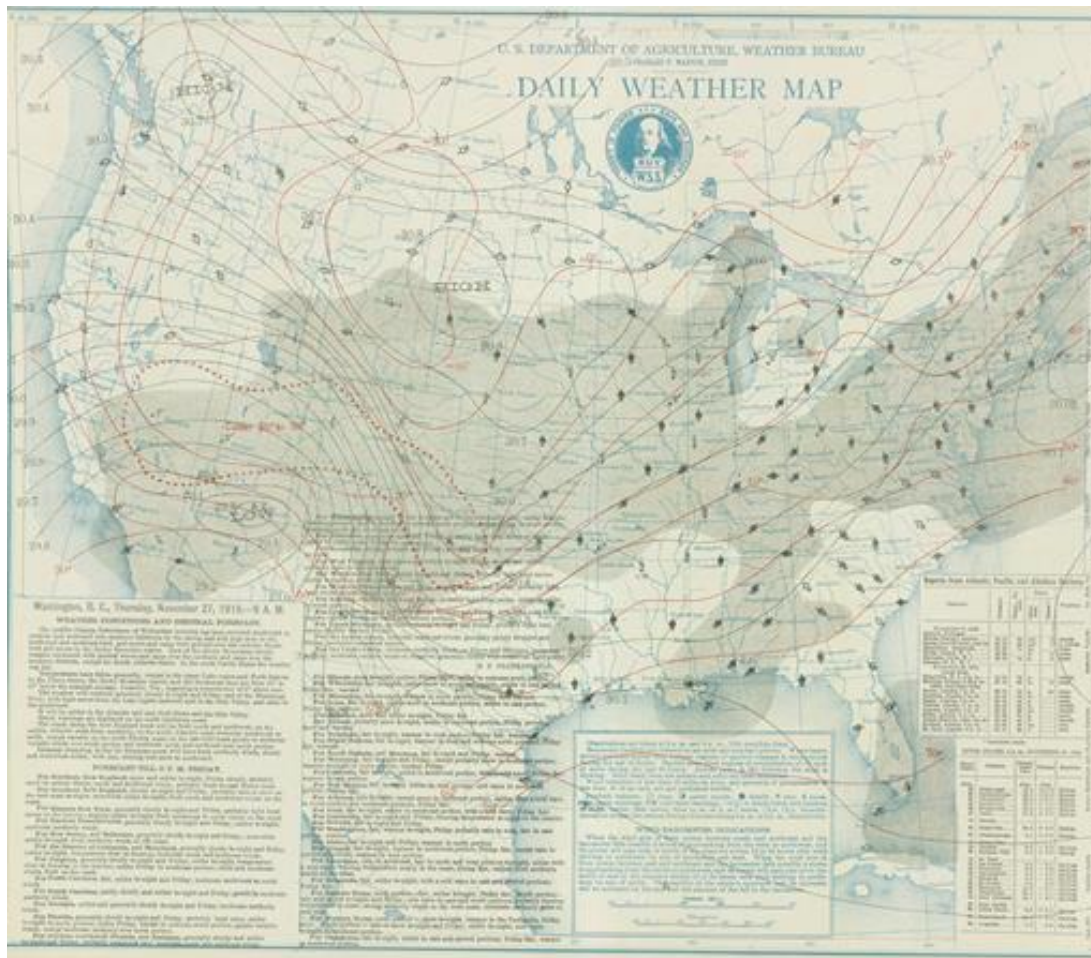
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1996	M	M	M	M	M	M	M	M	M	M	8.9	M	M
1997	9.5	9.4	9.2	10.6	10.6	12.2	10.8	10.7	8.2	8.4	7.2	8.0	8.7
1998	6.1	9.1	9.9	9.7	12.2	M	10.5	9.5	8.6	8.7	8.0	8.6	M
1999	9.1	8.7	11.0	11.5	11.7	12.4	10.0	10.7	8.2	M	6.8	8.8	M
2000	7.5	9.8	9.5	10.6	12.6	11.7	12.0	9.5	9.6	8.9	7.6	6.3	9.6
2001	7.3	9.0	8.3	11.3	10.2	12.0	11.9	M	8.7	7.6	7.7	6.6	M
2002	8.2	8.8	10.5	11.9	10.8	12.3	10.6	11.5	8.9	7.7	8.4	6.1	9.6
2003	M	8.2	8.8	12.0	11.2	12.0	9.7	9.2	8.6	8.2	7.2	7.4	M
2004	6.7	8.9	9.3	11.2	12.1	12.0	10.9	10.1	M	9.1	7.5	8.3	M
2005	8.1	7.1	9.1	9.3	9.1	11.8	9.4	8.2	9.2	8.3	6.6	7.2	8.6
2006	8.6	9.3	10.8	11.6	9.8	10.5	9.8	9.7	8.3	8.4	7.8	8.2	9.4
2007	9.4	10.1	8.7	10.9	11.5	11.3	10.0	9.5	10.1	9.6	6.8	8.5	9.7
2008	9.2	8.2	9.3	11.6	10.8	10.4	9.4	9.8	7.9	8.2	7.6	7.4	9.2
2009	7.4	8.5	9.2	11.0	9.6	11.2	10.7	9.5	9.4	9.8	7.7	7.3	9.3
2010	7.5	7.5	9.9	10.4	11.7	11.6	10.8	11.4	8.5	7.9	10.1	8.0	9.6
2011	7.3	10.1	10.1	11.8	12.1	12.2	10.4	10.3	7.6	7.4	7.1	6.7	9.4
2012	7.6	9.3	11.1	9.8	11.0	11.7	9.9	7.6	6.6	7.5	6.7	6.8	8.8
2013	7.3	8.4	8.8	10.9	12.1	11.7	10.4	9.7	7.1	8.6	6.5	7.7	9.1
2014	6.7	8.2	9.8	11.6	12.6	12.5	10.3	9.3	7.7	7.8	8.5	6.2	9.3
2015	6.1	7.3	8.2	10.4	11.4	11.0	11.2	9.7	9.8	7.9	9.1	7.7	9.1
2016	7.5	8.5	10.3	10.6	11.2	12.5	12.6	9.8	9.4	9.1	7.8	8.3	9.8
2017	9.3	9.6	9.3	10.5	10.7	11.0	10.1	8.9	9.0	8.8	7.7	7.6	9.4
2018	7.2	8.7	9.9	11.9									

## **Ten Significant Weather Events**

Below is a list of events in chronological order of significant weather events in Kingman, Arizona. This list is intended to capture extreme events in terms of their place in meteorology and impact on society in Kingman. It is not intended to be all-inclusive and should be considered objective in nature.

### **Biggest Precipitation Event - November 26-28, 1919**

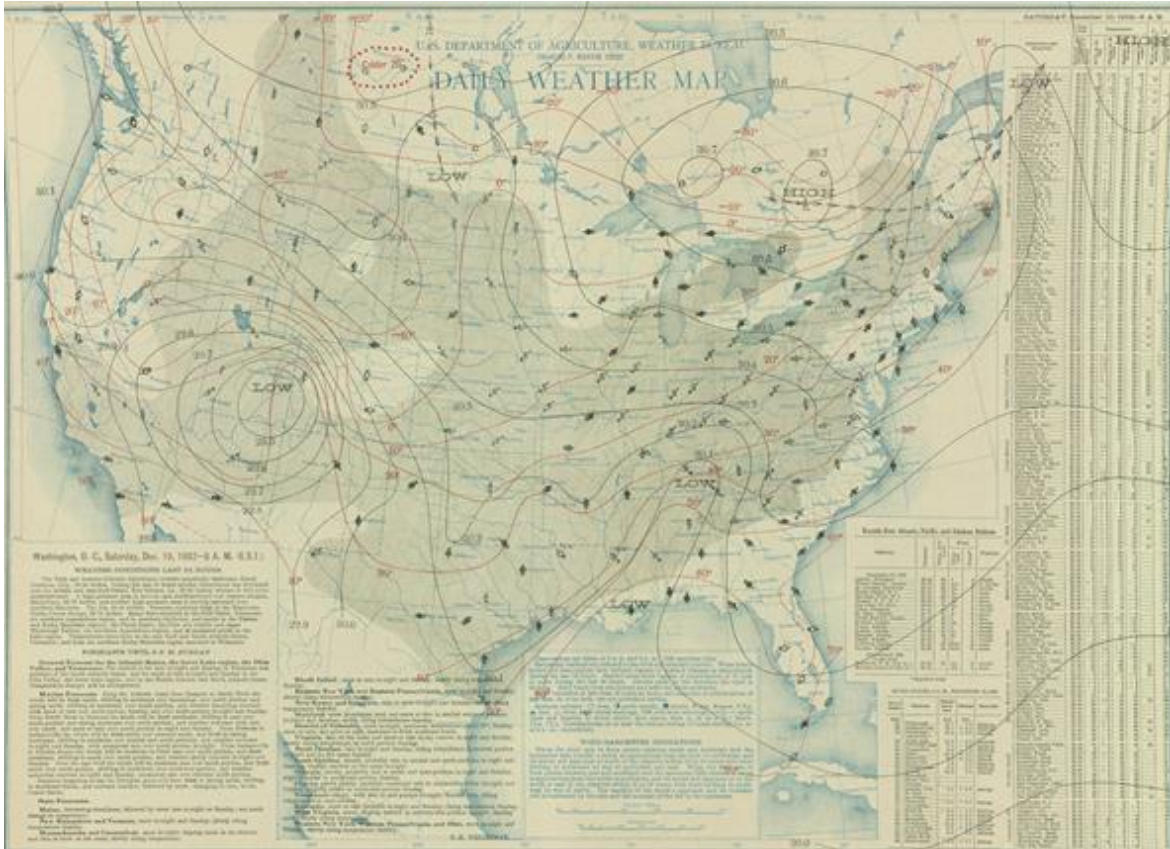
Kingman's greatest precipitation event took place from November 26-28, 1919 when a total of 6.03 inches of precipitation fell. Observations were not taken on separate report days during this event; therefore this technically gets counted as Kingman's greatest one day observation total precipitation even though it was taken over two reporting days. Very little further information exists in the immediate Kingman area about this event but in western and central portions of Arizona this storm produced enough rain to cause rivers and streams to rise and wash away bridges and roads.



Daily weather map for November 27, 1919 showing a storm system over Arizona.

### **Biggest Snowstorm Ever- December 10-12, 1932**

Described as “a storm of widespread proportions” in the *Climatological Data-Arizona* publication issued by the United States Weather Bureau, Kingman’s greatest snowstorm ever took place from December 10-12, 1932 when a total of 14.0 inches fell, with 10.0 inches reported for the twenty four hour period ending on the evening of December 12<sup>th</sup>. The liquid precipitation total for this storm was an impressive 3.50 inches. This storm produced snow even along the lower elevations of the Colorado River, with accumulations noted at Parker and Yuma. The combination of the cold weather and snow impacted cattle herds in the area, especially with the ability to graze.



Daily weather map for December 10, 1932 showing a storm system over eastern Utah.

## **Cold and Snow of 1949**

January 1949 ranks as the greatest month ever for the combination of snow and cold in the Mojave Desert. Although the month ranks only second to January 1937 for the coldest month ever in Kingman, January 1949 was much snowier with the monthly total of 11 inches ranking as the third snowiest month ever. The cold weather lingered into early February. However, 1949 was a remarkably snowy year even when the intense cold ended. Measurable snow fell not only in January but also in February, March, October (the only instance on record) and in December. As a result the yearly snow total of 18.2 inches ranks as the snowiest ever for a calendar year. The snow in January especially halted travel across the area and also made conditions difficult for livestock.



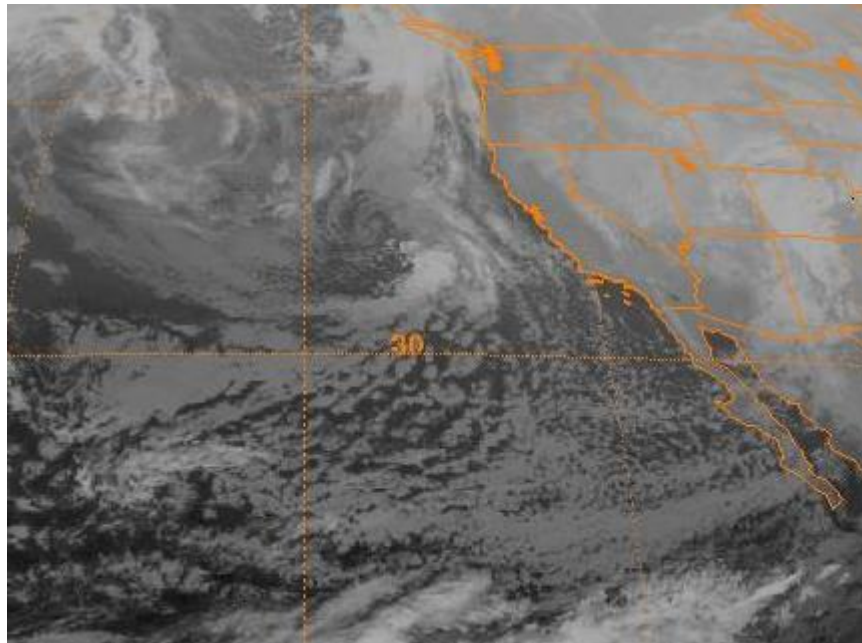
Front Street (now Andy Devine) during 1949. Photo Credit: True West Magazine.

### **Lowest temperature Ever - January 29, 1979**

Late January 1979 featured the rare combination of bitter cold and snow in Kingman as a deep trough in the atmosphere was located across the western United States. High pressure across the northern Rockies helped to push Arctic air south into the Southwest. Meanwhile, a storm system moving through the base of the trough tapped a fetch of moisture from the Pacific and spread precipitation into an air mass that was cold enough to support snow.

The low temperature on the morning of January 29<sup>th</sup> dropped to 4 degrees with the high that afternoon reaching 36 degrees. Although the official observer in Kingman reported the storm that lasted from January 27<sup>th</sup> through January 29<sup>th</sup> deposited 0.37 inch of liquid precipitation, an official snow measurement was not reported from this storm. However, the *Kingman Miner* newspaper at the time reported 5 inches of snow fell. The snow was enough to cause some vehicle accidents in and around Kingman. In addition, some businesses such as restaurants and gift shops in and around Kingman saw a decline in customer traffic. By contrast, area gas stations saw an increase in chain sales. The cold and snowy weather lasted through the close of the month which unofficially pushed the monthly snow total to 8 inches by January 31<sup>st</sup> when additional snow was reported.





GOES-3 Infrared satellite image at 1445Z on January 29, 1979 showing a storm system departing from western portions of Utah and Arizona.



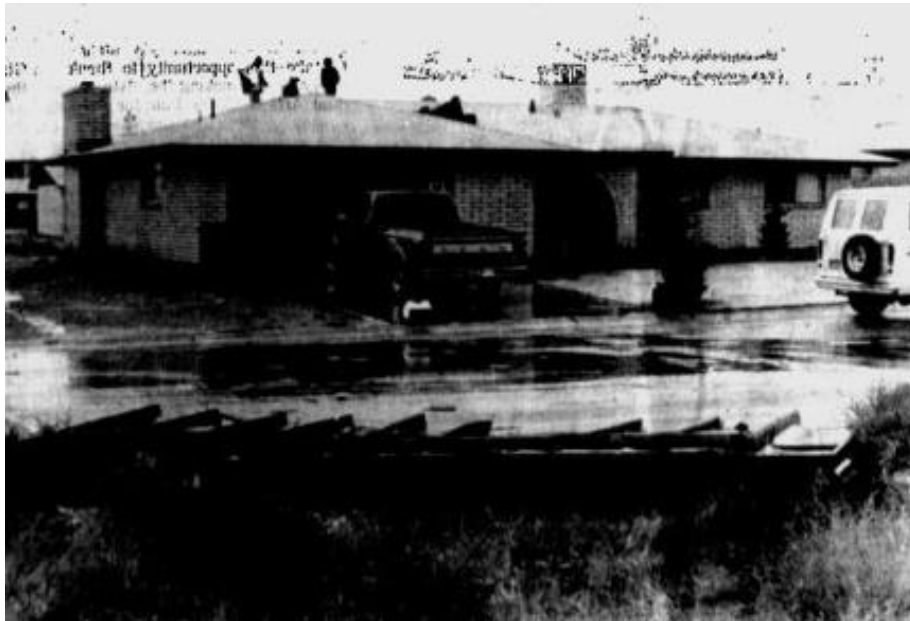
The front page of *The Kingman Miner* newspaper on January 29, 1979. Image Credit: Google News.

### Cold Season Storm of November 30 - December 2, 1982



The strong El Niño of 1982-1983 was responsible for a number of heavy precipitation events during the cold season in the southwestern United States. From November 30 through December 2, 1982 Kingman was blasted by strong winds, drenched by heavy rain and even pelted by a little sleet. A total of 0.94 inch of precipitation fell during this event, with 0.90 inch falling for the 24 hour period ending on the morning of December 1<sup>st</sup>. The heavy rain was enough to flood streets and send up to 3 feet of water into washes.

The main impact from this system was the wind which gusted as high as 84 mph according to one local weather station. The wind took some mobile homes off of their foundations and blew roofs and carports off others. In one instance, an eight-foot wooden porch was blown off of an insurance company's office. Flying debris resulted in further damage to other structures, mainly mobile homes. A number of neon business signs were also damaged.



A home in Kingman was damaged when the rear patio roof blew off and went over the top of the home.

Photo Credit: Jerry Olson/Kingman Daily Miner/Google News.

### **Flash Flood Derails Amtrak Train on August 9, 1997**

Severe thunderstorms with very heavy rain began over central Mohave County around 12:30 AM and ended around 2:30 AM MST. A total of 0.98 inch of rain fell at the Kingman Airport. Washes rapidly filled in the vicinity of Kingman and several roads were washed out. At least two cars were caught in a flooded wash and their four occupants had to be rescued by helicopter. Also, one woman was found dead hours later in a sewer drainage pond. It is unknown how she was caught in the flood waters.

Another serious result occurred a few hours after the storms ended when a passenger train derailed while crossing a small bridge damaged and weakened by flood waters about 13 miles northeast of Kingman on the Burlington-Santa Fe rail line. The train was in route from Los Angeles to Chicago. Of the 302 passengers and crew members aboard, 116 were injured and of those eight sustained serious injuries.



Floodwaters derailed this Amtrak Train east of Kingman on September 9, 1997.  
Photo Credit: NWS Las Vegas staff.

### **Thunderstorm of July 12, 2002**

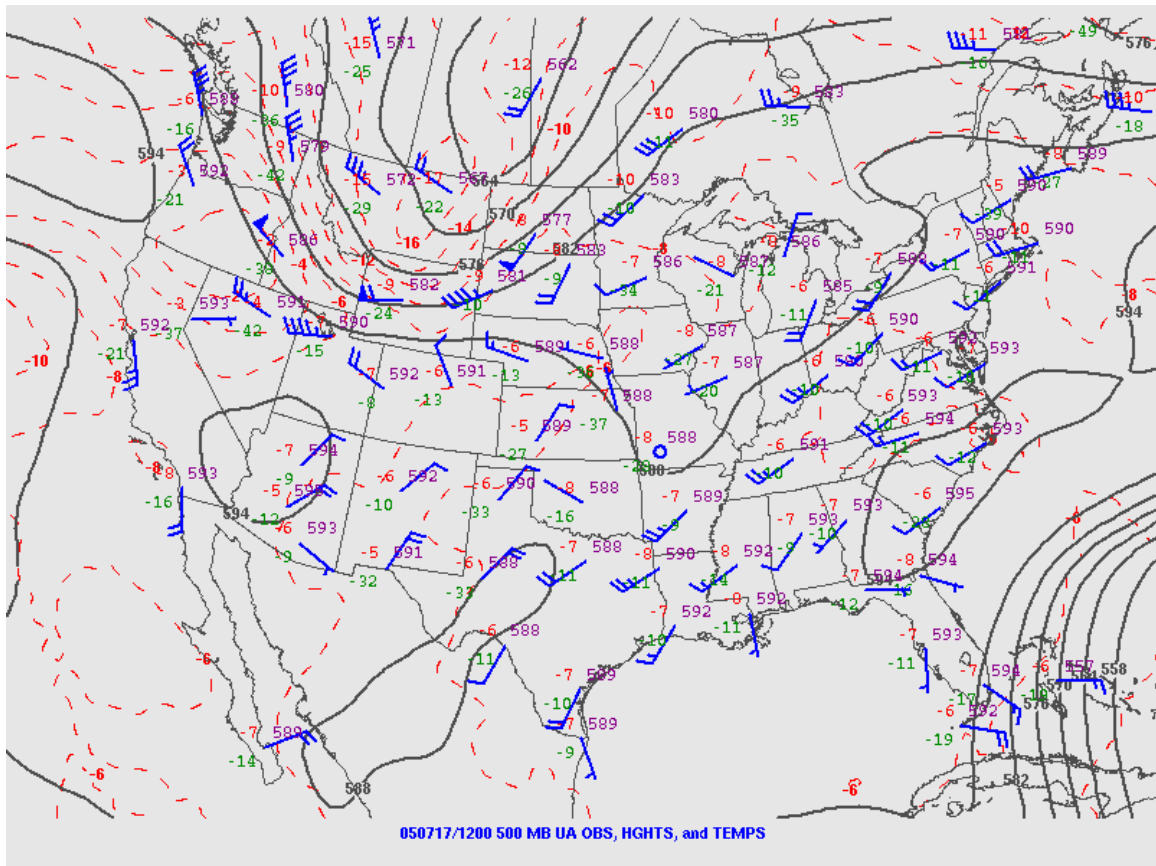
A thunderstorm pushed through Kingman in the afternoon hours of July 12<sup>th</sup> producing the highest wind gusts on record at the Kingman Airport since official wind records began. A gust of 77 mph from the east was recorded at 3:37 PM. A total of 16 homes were destroyed with 36 homes damaged. Most of the damaged and destroyed homes were mobile homes in the Kingman Shadows subdivision. Four people received minor injuries from flying debris. Up to 4,000 people lost power when several power lines were blown down. Damages were estimated at 400,000 dollars at the time.



A man walks past damaged trailers in the Golden Glory Trailer Park. Photo Credit: Associated Press.

### **Hottest Temperature Ever- July 17, 2005**

Kingman's hottest temperature ever occurred during one of the most significant heat waves ever in the Mojave Desert during July 2005. High temperatures in Kingman reached 100 degrees or greater each day from July 11<sup>th</sup> through July 22<sup>nd</sup>. While historical records do not rank this stretch as one of the greatest stretches of consecutive days with highs in the triple digits, the heat reached a peak intensity on July 17<sup>th</sup> that remains unmatched in Kingman's weather records when the high temperature reached an all-time high of 113 degrees. A 594 decameter high was centered directly over northwest Arizona on this date. The low temperature that day was only 76 degrees – not high enough to rank among the highest ever recorded here. After reaching 112 degrees the next day, temperatures here slowly dropped in subsequent days.



500 millibar (mb) plot of weather observations at 12Z July 17, 2005. Black lines indicate 500 mb heights in decameters. Blue markers indicate wind barbs. Red numbers indicate temperature and dewpoint in degrees Celsius. Purple numbers indicate observed heights at radiosonde stations.

### **Snowstorm of February 9, 2009**

Rain changed over to snow during the late morning hours of February 9, 2009 as temperatures dropped to near freezing. Snow fell steadily for roughly 12 hours and finally ended at 11:48 PM. By the time the snow had stopped between 3 and 4 inches of snow had fallen in Kingman according to the Mohave County Office of Emergency Management. Although this storm is not one of the bigger snowfalls on record in Kingman, the widespread area impacted by snow in northern Arizona pushed the resources of the Arizona Department of Public Safety to the extreme leading them to call it “the worst winter storm they ever had to deal with” at the time in northern Arizona.

A semi-truck jackknifed on Interstate 40 near Kingman blocking eastbound lanes on the interstate. Additionally semi-trucks jackknifed on Highway 66 between Kingman and Bullhead City. The Mohave County Public works department closed Hualapai Mountain Road and well as Stockton Hill Road due to the snow. Route 66 was also eventually closed the following morning due to the snow.



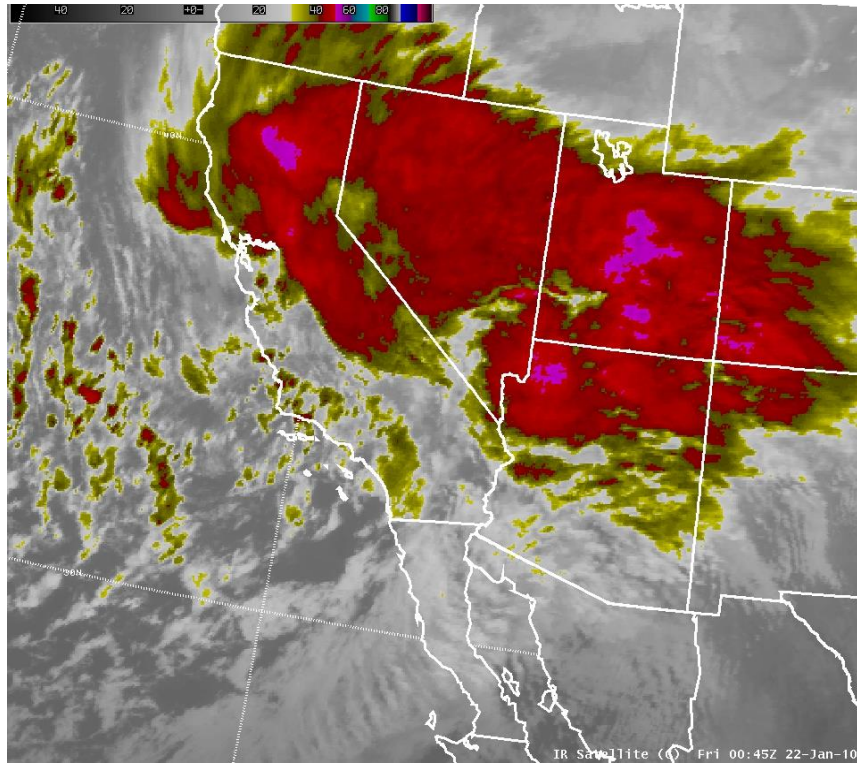


Snow in Kingman on the morning of February 10, 2009.  
Photo Credit: Amanda Kaufman.

### **Winter Storm of January 21-22, 2010**

The final in a series of 4 successive winter storms impacted Mohave County with a variety of weather on January 21-22, 2010. The storm's strength was evident by plunging the barometric pressure at Kingman to an all-time record low of 28.90 inches on January 21<sup>st</sup>. Heavy rain, snow and powerful winds all impacted Kingman during this storm. A total of 1.18 inch of precipitation fell from this storm with most of it falling as rain before temperatures dropped and the precipitation briefly mixed with snow toward the end of the event on the 22<sup>nd</sup>. Several streets were flooded with up to 6 inches of water and one driveway was washed out.

On the afternoon of the 21<sup>st</sup>, a line of thunderstorms pushed across Kingman. A spotter measured a wind gust of 101 mph with a gust of 59 mph measured at the Kingman Airport. The wind was powerful enough that a total of 20 wooden power poles were snapped, several stop signs were bent at a 45 degree angle and a carport was torn off and wrapped around a utility pole.



Infrared satellite image showing the storm as it crossed the area at 00:45Z on January 22, 2010.



Street flooding in Kingman near Bank Street on January 21, 2010. Photo Credit: NWS Las Vegas Spotter.

## **Acknowledgements**

I would like to thank Stan Czyzyk for his assistance in helping me to download digital datasets and import them into a database used to compile the records for this station. Additionally I would like to thank all of the observers over the years who recorded the weather in Kingman as well as the technicians at the National Weather Service who have maintained the Kingman ASOS.