

# Climate Summary Report City of Glendale Weather Station

Glendale, Arizona

Period of Record: Calendar Years 1996-2021



**Location:** Grand Avenue at 63<sup>rd</sup> Avenue

**Data Repeater:** Direct

**TRS:** T2N-R2E-Section 06

**Latitude:** 33° 32' 37.0" (33.5436)

**Longitude:** 112° 11' 36.8" (112.1936)

**Elevation:** 1,150 ft. msl

Sensor Type	ID Numbers	Data Begins
Precipitation*	6500	07/06/1989
Relative Humidity	6502	12/19/1995
Temperature	6501	12/19/1995
Dewpoint	6516	1/01/2003
Barometric Pressure	6503	11/22/2010
Solar Radiation	6511	11/22/2010
Wind Direction	6504	11/22/2010
Wind Speed/Direction	6505	11/22/2010
Peak Wind	6506	11/22/2010

\*For information on annual and monthly rainfall totals at Carefree Ranch refer to [http://alert.fcd.maricopa.gov/alert/Rain/FOPR/6500\\_FOPR.xlsx](http://alert.fcd.maricopa.gov/alert/Rain/FOPR/6500_FOPR.xlsx).

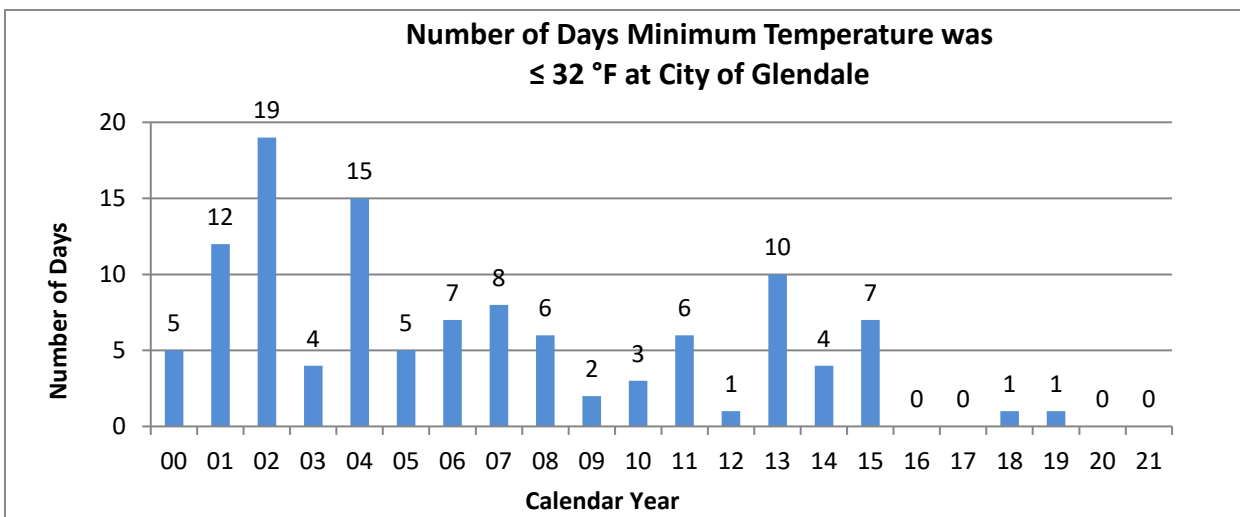
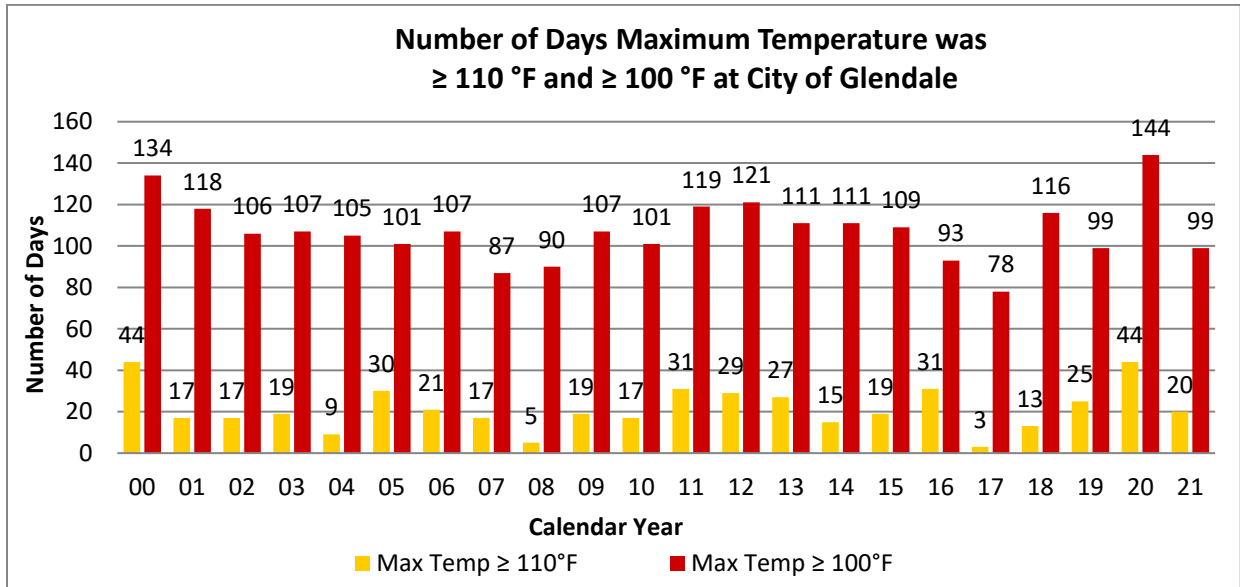
Flood Control District of Maricopa County

# City of Glendale Weather Station 1996-2021

## All-Time Records

<b>Temperature</b>	<b>High</b>	<b>120°F</b>	7/15/1998 7/19/1998 6/29/2013
	<b>Low</b>	<b>21°F</b>	1/14/2007
<b>Wind</b>	<b>Peak Wind Gust</b>	<b>37 MPH</b>	5/12/15
<b>Dewpoint</b>	<b>Maximum Dewpoint</b>	<b>85°F</b>	8/21/2015

## Temperature Statistics



## City of Glendale Weather Station Annual Statistics

Year	Maximum Temp		Mean Temp	Minimum Temp		Peak Wind		Maximum Dewpoint	
	°F	Date(s)		°F	°F	Date(s)	MPH	Date(s)	°F
2021	116	6/17/2021 6/18/2021	76	36	1/2/2021 1/13/2021	32	3/3/2021	75	8/15/2021
2020	117	7/30/2020	77	37	12/16/2020 2/4/2020	32	8/20	72	8/30/2020
2019	115	8/5/2019	75	30	1/3/2019	28	7/22	75	7/24/2019 8/28/2019
2018	116	7/24/2018	75	32	12/30/2018	33	7/30	74	7/12/2018
2017	112	6/20/2017	77	35	12/22/2017	32	4/28	76	7/24/2017
2016	119	6/19/2016	77	33	2/3/2016	25	7/1	78	9/7/2016
2015	115	8/14/2015 8/15/2015	75	27	1/2/2015	37	5/12	72	7/6/2015
2014	116	7/24/2014	76	31	12/27/2014 12/28/2014 12/29/2014	27	7/13	83	8/1/2014
2013	120	6/29/2013	74	23	1/13/2013	29	2/21	77	7/26/2013
2012	117	8/13/2012	78	32	12/29/2013	32	11/6	85	8/21/2012
2011	117	7/2/2011	74	26	1/2/2011 2/3/2011 2/4/2011	33	12/1	73	7/11/2011 7/25/2011
2010	115	7/15/2010	73	27	12/31/2010	17	12/30	80	7/29/2010
2009	114	7/12/2009 7/18/2009	74	31	12/5/2009	N/A	N/A	73	8/13/2009
2008	114	6/20/2008	72	28	1/18/2008	N/A	N/A	74	7/20/2008
2007	112	7/4/2007 7/5/2007 7/16/2007	73	21	1/14/2007	N/A	N/A	74	8/24/2007
2006	118	7/21/2006	72	29	12/20/2006	N/A	N/A	77	7/26/2006
2005	118	6/21/2005	72	26	12/17/2005	N/A	N/A	73	8/9/2005
2004	115	7/12/2004	71	26	12/25/2004	N/A	N/A	76	7/14/2004 9/19/2004
2003	117	7/14/2003 7/16/2003	72	24	12/29/2003	N/A	N/A	75	8/21/2003 8/27/2003
2002	114	7/11/2002	71	26	1/31/2002	N/A	N/A	M	M
2001	119	7/2/2001	73	27	12/14/2001	N/A	N/A	M	M
2000	112	7/18/2000 7/19/2000	73	27	1/9/2000	N/A	N/A	M	M

## City of Glendale Weather Station Monthly Statistics

Month	Maximum Temp		Mean Temp <sup>1</sup>	Minimum Temp		Peak Wind		Avg Wind <sup>2</sup>
	°F	Date(s)	°F	°F	Date(s)	MPH	Date(s)	MPH
January	88	1/12/1996	54	21	1/14/2007	21	1/21/2017	0.45
February	90	2/17/2016	58	22	2/27/1996	29	2/21/2013	0.85
March	98	3/29/2015 3/16/2007 3/17/2007	65	31	3/3/2002	25	3/7/2011	0.84
April	107	4/25/2001	72	38	4/6/2003 4/2/1998	32	4/28/2017	1.15
May	115	5/22/2005	81	47	5/1/1999	37	5/12/2015	1.25
June	120	6/29/2013	91	56	6/5/1999	21	6/29/2020	0.88
July	120	7/16/1998 7/15/1998	95	65	7/1/2004	33	7/30/2018	1.01
August	120	8/28/1998	93	66	8/26/2002	32	8/20/20	0.77
September	116	9/14/2000	88	51	9/25/1996	25	9/17/2014 9/10/2014	0.75
October	107	10/8/1996 10/5/1996	75	40	10/29/2009	23	10/19/2014	0.46
November	97	11/5/2020	62	30	11/30/2004	32	11/6/2012	0.63
December	86	12/2/2021	53	24	12/29/2003	33	12/1/2011	0.48

<sup>1</sup> The daily mean temperature is calculated by averaging each day's 15-minute values (96 if all are received). The monthly mean temperature is calculated by averaging all temperatures in that month (96 \* # of days). The mean temperature for each month is calculated by averaging the monthly mean temperatures from all years.

<sup>2</sup> Average daily wind speed is calculated by dividing the number of hours in a day into the recorded miles of wind run. Monthly average wind speed is calculated by averaging all daily average wind speeds in that month. The average wind speed for each month is calculated by averaging the monthly average wind speeds from all years.