

# Climate Summary Report

## Lake Pleasant North Weather Station

Peoria, Arizona

Period of Record: Calendar Years 2000-2021



**Location:** North end of Lake Pleasant

**Data Repeater:** Towers Mountain

**TRS:** T7N-R1E-Section 33

**Latitude:** 33° 54' 16.8" (33.9047)

**Longitude:** 112° 16' 15.0" (112.2708)

**Elevation:** 1,750 ft. msl

Sensor Type	ID Numbers	Data Begins
Precipitation*	<b>15300</b>	4/24/2001
Peak Wind	<b>15306</b>	4/24/2001
Wind Speed and Direction	<b>15304</b>	4/24/2001
Wind Direction	<b>15305</b>	4/24/2001
Relative Humidity	<b>15302</b>	4/24/2001
Temperature	<b>15301</b>	4/24/2001
Dewpoint	<b>15316</b>	5/01/2001
Solar Radiation	<b>15311</b>	4/24/2001
Barometric Pressure	<b>15303</b>	4/24/2001

\* For information on annual and monthly rainfall totals at Lake Pleasant North refer to [http://alert.fcd.maricopa.gov/alert/Rain/FOPR/15300\\_FOPR.xlsx](http://alert.fcd.maricopa.gov/alert/Rain/FOPR/15300_FOPR.xlsx).

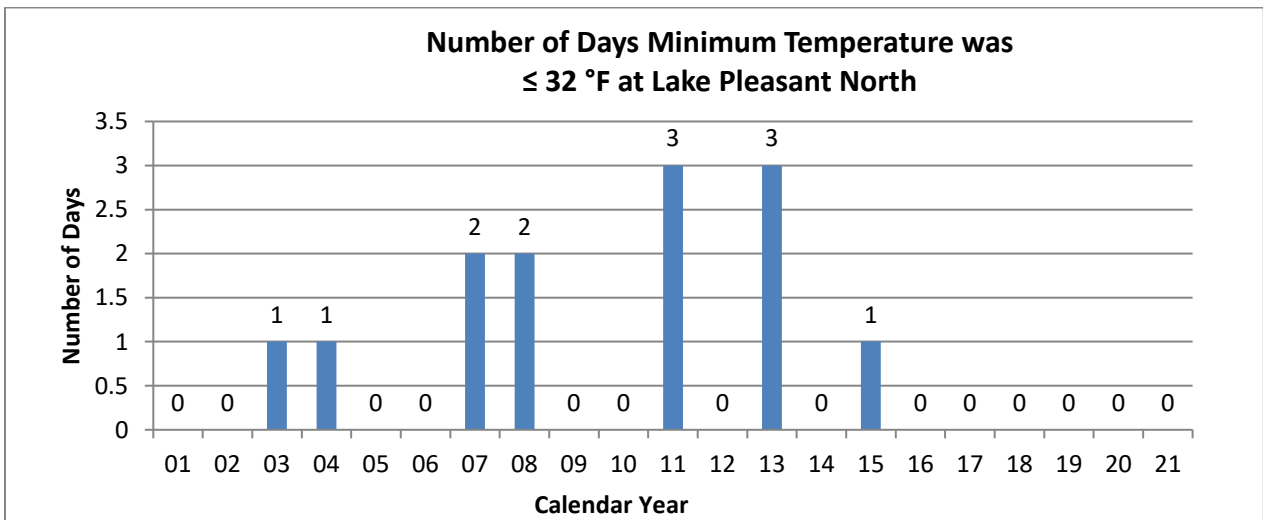
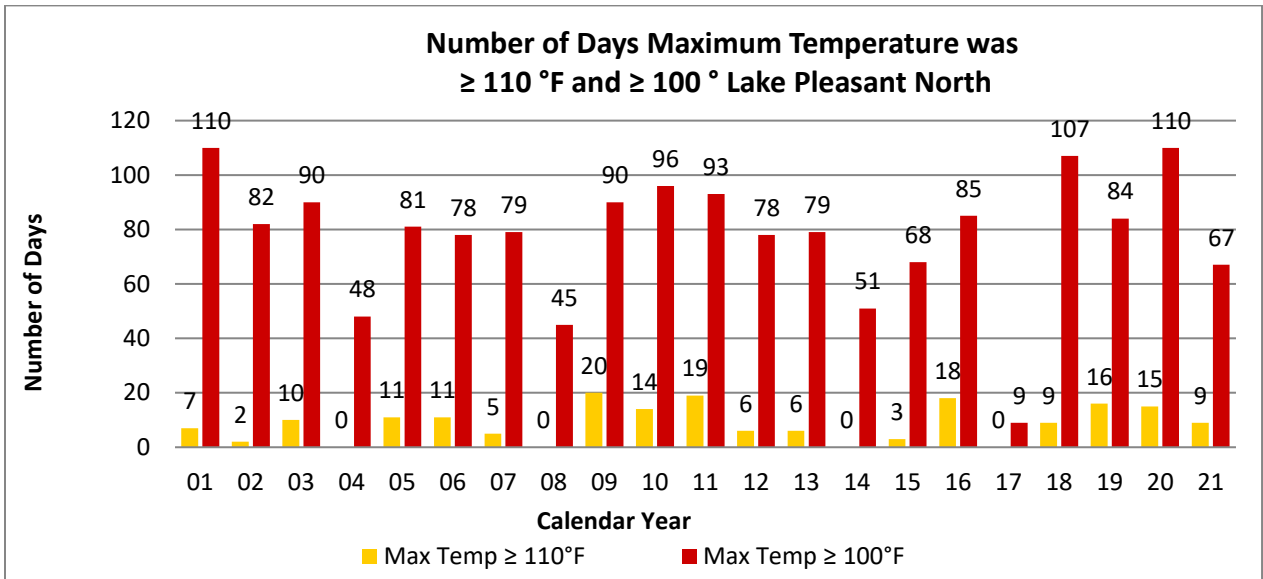
Flood Control District of Maricopa County

# Lake Pleasant North Weather Station 2000-2021

## All-Time Records

<b>Temperature</b>	<b>High</b>	<b>119°F</b>	<b>6/19/2016</b>
	<b>Low</b>	<b>30°F</b>	<b>1/14/2011</b>
<b>Wind</b>	<b>Peak Wind Gust</b>	<b>68 MPH</b>	<b>8/25/2014</b>
<b>Dewpoint</b>	<b>Maximum Dewpoint</b>	<b>88°F</b>	<b>7/23/2021</b>

## Temperature Statistics



## Lake Pleasant North 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	Date(s)
<b>2021</b>	112	6/14/2021 6/18/2021	74	38	1/25/2021	48	7/16/2021	88	7/23/2021
<b>2020</b>	115	8/14/2020	76	40	2/4/2020	55	8/20/20	74	8/2/2020
<b>2019</b>	114	8/5/2019	74	36	2/22/2019	46	10/30/2019	74	7/26/2019 8/28/2019
<b>2018</b>	114	7/23/2018 8/6/2018	76	35	2/25/2018	63	7/27/2018	77	7/31/2108
<b>2017</b>	104	6/20/2017	74	44	1/25/2017	49	3/30/2017	73	7/24/2017 7/25/2017
<b>2016</b>	119	6/19/2016	77	38	1/6/2016	57	7/29/2016	79	8/4/2016
<b>2015</b>	110	6/18/2015 8/14/2015 8/15/2015	73	32	1/1/2015	40	12/23/2015	76	8/22/2015
<b>2014</b>	108	7/24/2014 7/30/2014	73	36	12/29/2014 12/30/2014	47	7/3/2014	79	7/27/2014
<b>2013</b>	113	6/28/2013	72	30	1/14/2013	51	8/17/2013	75	7/21/2013
<b>2012</b>	112	8/12/2012	74	39	12/28/2012	43	2/27/2012	83	7/29/2012
<b>2011</b>	116	8/25/2011	74	31	2/2/2011 2/3/2011 2/4/2011	48	3/21/2011	83	7/5/2011
<b>2010</b>	112	6/30/2010 7/15/2010 8/23/2010 8/24/2010	74	34	12/31/2010	48	7/16/2010	80	7/17/2010
<b>2009</b>	113	7/12/2009 8/28/2009	73	33	2/11/2009	54	1/30/2009	74	7/22/2009 7/22/2009
<b>2008</b>									
<b>2007</b>	110	7/4/2007 8/12/2007 8/16/2007	73	31	1/14/2007	48	7/7/2007	76	8/2/2007
<b>2006</b>	116	7/14/2006	75	35	12/20/2006 12/21/2006	58	9/14/2006	81	8/1/2006
<b>2005</b>	115	8/29/2005	73	36	12/17/2005	44	7/30/2005	77	8/10/2005
<b>2004</b>	109	7/12/2004	70	32	11/30/2004	59	7/16/2004	76	7/14/2004
<b>2003</b>	115	8/10/2003	73	32	12/29/2003	43	4/15/2003, 8/14/2003	75	8/27/2003 8/28/2003

## Lake Pleasant North Weather Station Monthly Statistics

Month	Maximum Temp		Mean Temp <sup>1</sup>	Minimum Temp		Peak Wind		Mean Avg Wind <sup>2</sup>
	°F	Date(s)	°F	°F	Date(s)	MPH	Date(s)	MPH
January	84	1/6/06 1/31/03	57	30	1/14/13	45	1/31/16	4.55
February	87	2/26/16 2/16/16	58	31	2/4/11 2/3/11 2/2/11	46	2/9/02	3.97
March	97	3/17/07 3/16/07	64	38	3/7/09	49	3/30/17	4.18
April	104	4/22/12	71	40	4/16/09	51	4/14/06	4.63
May	110	5/23/01	79	46	5/23/08	43	5/1/14	4.80
June	119	6/19/16	89	62	6/4/08	46	6/21/01	4.29
July	116	7/14/06	92	64	7/10/08	63	7/27/18	4.03
August	115	8/14/20 8/29/05 8/10/03	91	67	8/31/08 8/25/08	68	8/25/14	3.89
September	111	9/1/11 9/7/11	86	58	9/21/04	58	9/14/06	4.00
October	105	10/1/12	76	45	10/31/04 10/29/04	49	10/27/20	4.24
November	97	11/3/09	65	32	11/30/04	46	11/8/20 11/2/11	4.41
December	84	12/12/10	55	31	12/27/08	51	12/7/09	4.22

<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.