

# Climate Summary Report

## Fountain Hills Fire Station Weather Station



Fountain Hills, Arizona

Period of Record: Calendar Years 1998-2025

Date of Station Installation: 12/09/1993

Weather Sensor Installation: 07/23/1997



**State:** Arizona

**County:** Maricopa

**Latitude:** 33 36' 40.0" (33.6111)

**Longitude:** 111 43' 30.6" (-111.7251)

**TRS:** T3N-R6E-Section 15

**Location:** At Palisades Blvd. Fire Station

**Time Zone:** MST – all year

**Data Repeater:** Mt. Ord

**Elevation:** 1,675 ft. msl

**Owner:** Flood Control District of Maricopa County

**NWS CWA/Zone #:** Phoenix, 23

**Archived:** Yes, from date of sensor installation

**Site Description:** flat ground, Soil type –dirt

**Obstructions:** Structure 25' to NNW of station

\* For information on annual and monthly rainfall totals at Fountain Hills Fire Station refer to [http://alert.fcd.maricopa.gov/alert/Rain/FOPR/76700\\_FOPR.xlsx](http://alert.fcd.maricopa.gov/alert/Rain/FOPR/76700_FOPR.xlsx).

2801 W. Durango St. Phoenix, AZ 85009 602-506-1501

Flood Control District of Maricopa County

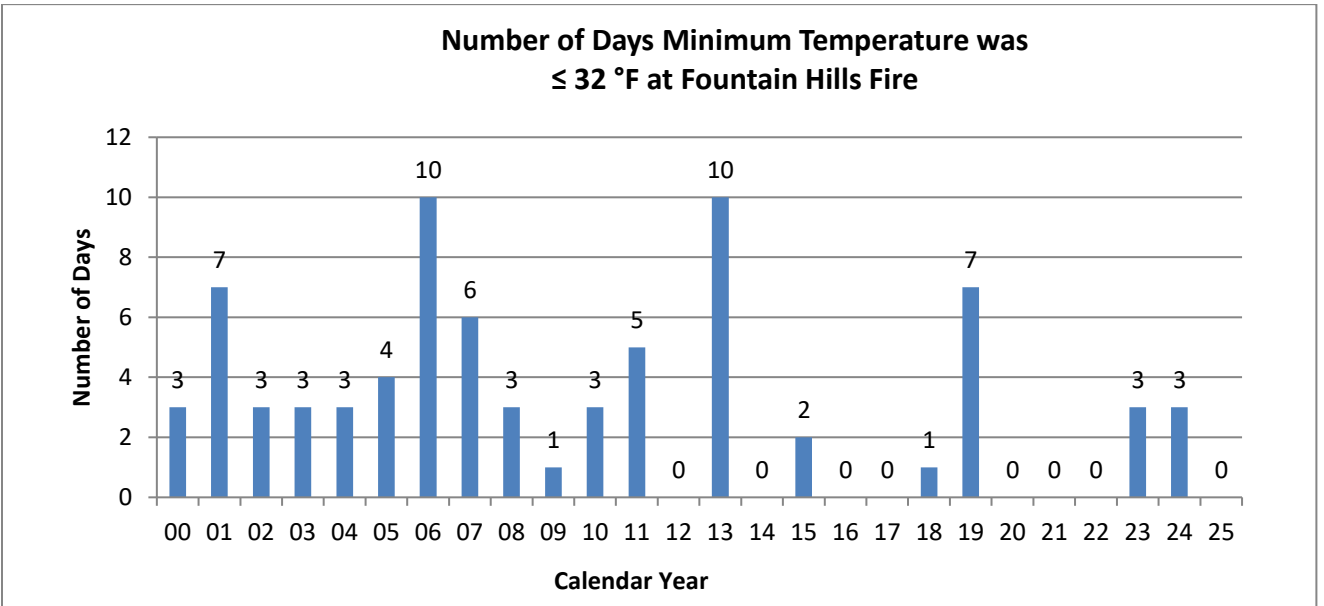
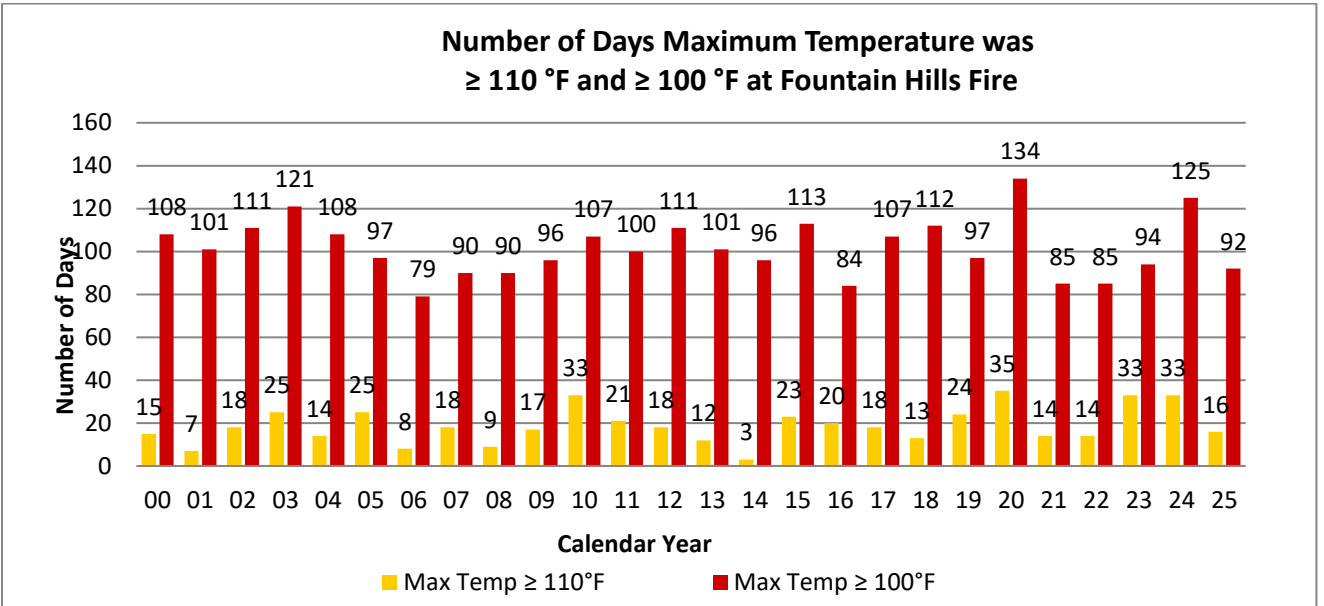
# Fountain Hills Fire Station Weather Station 1998-2025

## All-Time Records\*

Temperature	High	119°F	6/20/2017
	Low	21°F	1/4/2013

\*Most recent date of occurrence observed.

## Temperature Statistics



## Fountain Hills Fire Station Weather Station Annual Statistics

Year	Maximum Temp		Minimum Temp		Mean Temp
	°F	Date*	°F	Date*	°F
2025	116	8/7	34	1/9	74.9
2024	118	7/5	28	1/8	74.5
2023	116	7/20	29	1/24	73.3
2022	117	6/17	35	3/14	73.4
2021	117	6/17	35	3/14	73.4
2020	116	8/14	35	12/31	76.6
2019	115	7/11	29	2/2	73.0
2018	116	7/24	31	12/31	74.6
2017	119	6/20	33	12/22	75.5
2016	118	6/19	35	2/3	75.3
2015	117	8/13	31	12/30	75.8
2014	114	7/24	33	12/30	74.5
2013	117	6/29	21	1/14	73.1
2012	115	8/8	36	12/31	74.0
2011	115	7/2	24	2/4	72.4
2010	115	7/15	27	12/31	72.7
2009	112	7/27	32	2/11	72.6
2008	112	8/1	30	12/27	71.8
2007	112	8/29	21	1/14	73.0
2006	115	7/21	24	11/30	69.7
2005	116	7/12	26	12/17	72.3
2004	115	7/12	28	12/25	72.2
2003	116	8/10	27	12/29	73.5
2002	113	7/11	30	1/31	73.2
2001	115	7/2	28	1/17	71.3
2000	113	8/5	31	1/9	72.0

\*Latest date of occurrence observed.

## Fountain Hills Fire Station Weather Station Monthly Statistics

Year	Maximum Temp		Mean Temp	Minimum Temp	
	°F	Date*	°F	°F	Date*
January	87	1/31/2003	54.2	21	1/14/2013
February	90	2/26/2016	56.5	24	2/4/2011
March	98	3/16/2007	62.9	32	3/1/2007
April	105	4/29/2020	70.7	35	4/16/1998
May	111	5/29/2020	80.0	46	5/1/2010
June	119	6/20/2017	90.2	59	6/4/1999
July	118	7/5/2024	94.1	66	7/1/2004
August	117	8/13/2015	92.0	65	8/31/2000
September	114	9/4/2020	86.5	56	9/21/2004
October	108	10/1/2010	74.4	36	10/29/2009
November	96	11/5/2020	62.8	24	11/30/2006
December	85	12/17/2013	53.6	26	12/17/2005

<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.

\*Most recent date of occurrence observed.

**Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio.**

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	76700	11/15/92	Tipping Bucket	Hydrolynx	5050P	9.9	mm	Variable
Temperature	76701	07/23/97	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	10.6	deg F/C	15 minutes
Relative Humidity	76702	07/23/97	Polymer film, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	10.6	%	15 minutes
Dewpoint (calculated)	76716	01/02/03	---	---	---	---	deg F	15 minutes

