

# Climate Summary Report

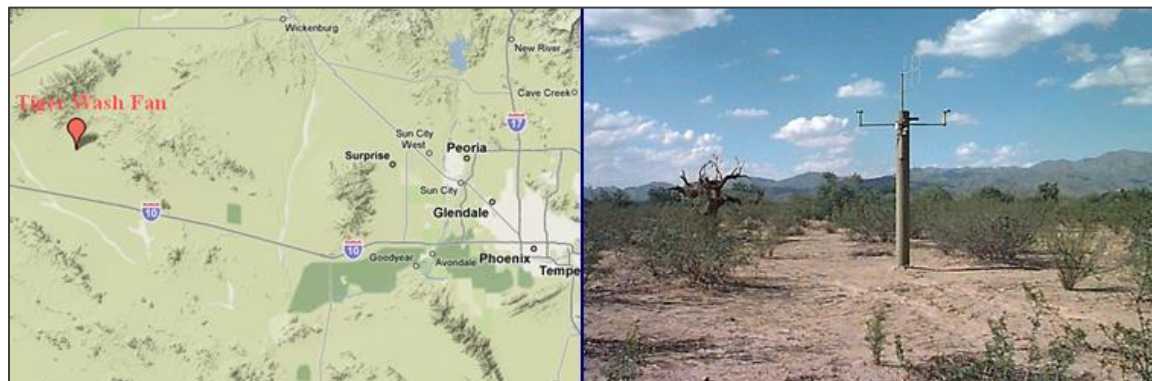
## Tiger Wash Fan Weather Station

Tonopah, Arizona

Period of Record: Calendar Years 1996-2024

Date of Station Installation: 09/21/1994

Weather Sensors Installation: 09/21/1994



**State:** Arizona

**County:** Maricopa

**Latitude:** 33° 40' 12.8" (33.67021)

**Longitude:** 113°18' 50.0" (-113.31390)

**TRS:** T4N-R10W-Section 20

**Location:** Near mm 10 on Eagle Eye Road North of Salome Highway

**Time Zone:** MST – all year

**Data Repeater:** Burnt Mountain

**Elevation:** 1,615 ft. msl

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

**NWS CWA/Zone #:** Phoenix, 22

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

**Site Description:** Flat ground, Soil type –dirt/shrubs

**Obstructions:** No obstructions

\* For information on annual and monthly rainfall totals at Tiger Wash Fan refer to [http://alert.fcd.maricopa.gov/alert/Rain/FOPR/26800\\_FOPR.xlsx](http://alert.fcd.maricopa.gov/alert/Rain/FOPR/26800_FOPR.xlsx).

Flood Control District of Maricopa County

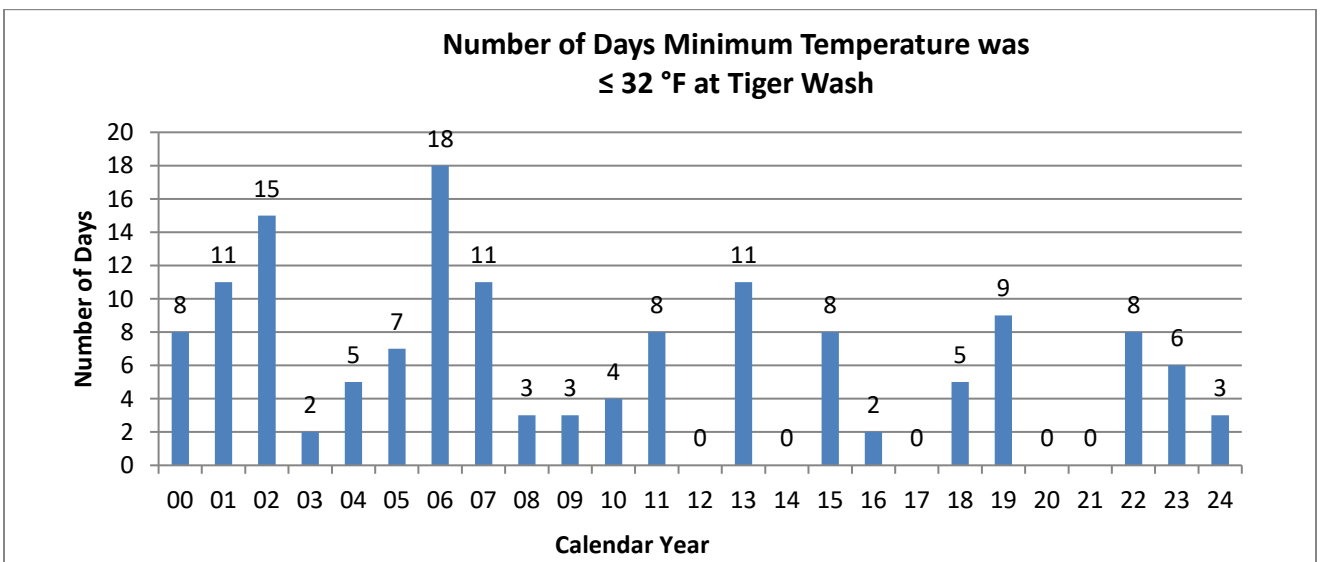
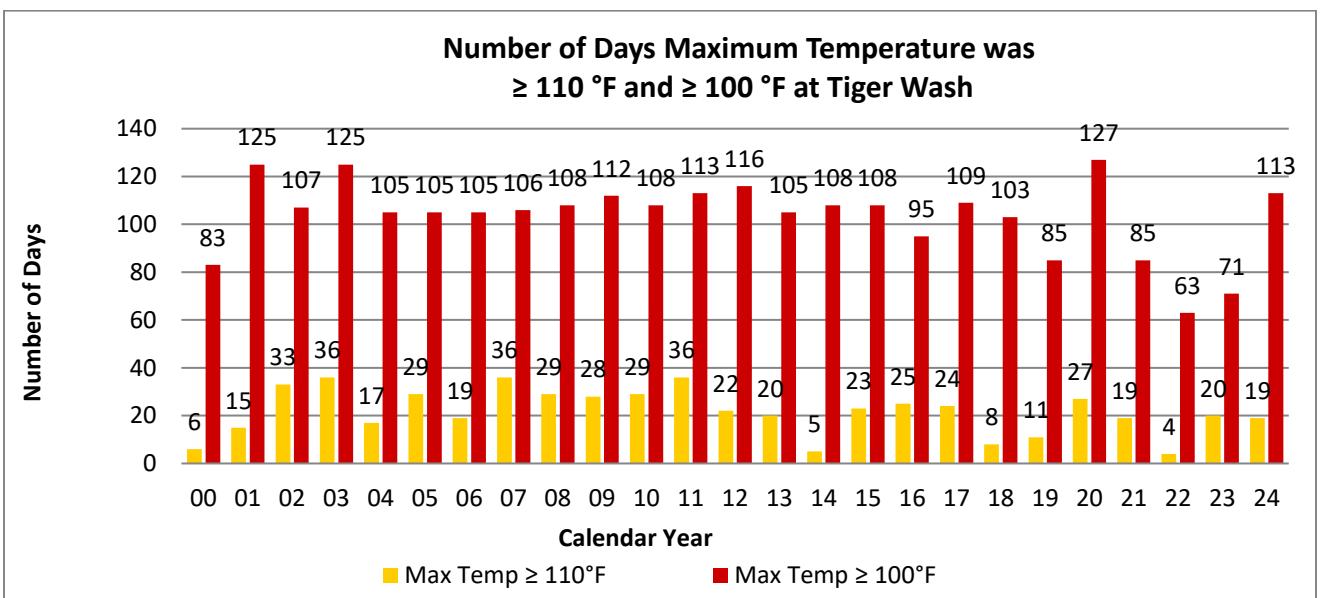
## Tiger Fan Wash Weather Station 1996-2024

### All-Time Records\*

<b>Temperature</b>	<b>High</b>	<b>121°F</b>	<b>6/20/2017</b>
	<b>Low</b>	<b>18°F</b>	<b>1/14/2007</b>
<b>Wind</b>	<b>Peak Wind Gust</b>	<b>52 MPH</b>	<b>6/13/2024</b>
<b>Dewpoint</b>	<b>Maximum Dewpoint</b>	<b>85°F</b>	<b>6/20/1998</b>

\*Most recent date of occurrence observed.

### Temperature Statistics



**Tiger Fan Wash Weather Station  
Annual Statistics**

Year	Maximum Temp		Minimum Temp		Mean Temp	Maximum Dewpoint		Peak Wind	
	°F	Date*	°F	Date*	°F	°F	Date*	MPH	Date*
2024	114	07/08	30	1/12	73.1	75	6/24	52	6/13
2023	115	7/15	30	1/24	70.4	71	9/4	32	8/31
2022	111	7/22	29	12/17	71.3	75	8/20	35	8/18
2021	115	6/19	33	1/1	73.3	78	8/12	37	7/10
2020	118	7/31	34	2/6	73.1	77	8/30	32	10/26
2019	113	8/5	23	1/1	70.8	76	8/2	36	9/1
2018	113	8/6	29	12/30	73.0	76	10/2	43	4/12
2017	121	6/20	34	1/28	76.1	81	7/28	31	3/22
2016	119	6/19	31	2/3	75.5	77	8/2	39	7/29
2015	115	8/16	29	12/29	74.6	75	7/20	31	9/26
2014	114	7/23	33	12/31	74.8	83	7/7	34	8/3
2013	118	6/28	24	1/13	73.3	80	7/22	34	8/26
2012	116	8/8	33	12/31	74.6	80	7/13	39	5/9
2011	117	7/2	26	2/3	73.4	77	7/30	35	9/11
2010	112	8/24	27	12/31	72.8	78	8/24	36	1/21
2009	115	8/28	31	12/25	73.8	74	8/22	42	7/20
2008	115	6/20	28	1/18	73.5	79	7/10	34	7/10
2007	118	7/4	18	1/14	73.7	77	8/2	32	12/21
2006	116	7/21	24	12/20	71.4	80	7/18	49	7/18
2005	118	7/17	27	12/17	71.9	81	8/11	32	8/2
2004	114	7/12	29	11/30	72.6	77	7/18	45	2/28
2003	118	7/16	30	12/29	74.3	79	8/27	38	7/15
2002	115	7/8	18	1/31	72.0	78	7/15	35	9/7
2001	116	7/2	29	12/14	72.5	76	7/8	33	7/8
2000	115	7/19	29	11/16	70.4	69	8/27	34	2/21

\*Latest date of occurrence observed.

## Tiger Fan Wash Weather Station Monthly Statistics

Month	Maximum Temp		Mean Temp <sup>1</sup>	Minimum Temp		Peak Wind		Avg Wind (mph) <sup>2</sup>
	°F	Date*	°F	°F	Date*	MPH	Date*	MPH
January	88	1/31/2003	54.3	18	1/14/2007	36	1/21/2010	2.3
February	89	2/1/2016	56.8	26	2/3/2011	45	2/28/2004	2.7
March	100	3/17/2007	63.1	30	3/17/2002	44	3/15/1999	3.1
April	105	4/22/2012	70.3	33	4/16/1998	43	4/12/2018	3.7
May	113	5/22/2005	79.3	42	5/1/1999	39	5/9/2012	3.5
June	121	6/20/2017	88.8	50	6/4/1998	52	6/13/2024	3.4
July	121	7/28/1995	93.7	63	7/6/2000	49	7/18/2006	3.1
August	118	8/28/1998	91.9	60	8/9/1996	41	8/11/2004	2.9
September	115	9/1/2007	86.0	52	9/25/2017	36	9/1/2019	2.8
October	108	10/1/2024	74.2	35	10/31/2019	38	10/12/1997	2.7
November	95	11/5/2020	62.3	27	11/30/2006	30	11/2/2014	2.3
December	85	12/2/2021	53.1	24	12/27/2006	33	12/7/2009	2.4

<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	26800	09/21/94	Tipping Bucket	Hydrolynx	5050P	10.0	mm	Variable
Temperature	26801	09/21/94	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	8.3	deg F/C	15 minutes
Relative Humidity	26802	09/21/94	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	8.3	%	15 minutes
Dewpoint (calculated)	26816	09/21/94	---	---	---	---	deg F	15 minutes
Wind Speed	26804	09/21/94	3-cup	Hydrolynx	5050WS	10.0	mph	15 minutes
Wind Direction	26805	05/01/01	Pointer	Hydrolynx	5050WD	9.9	deg	15 minutes
Peak Wind	26806	09/21/94	---	---	---	---	mph	15 minutes
Solar Radiation	26811	09/23/94	Silicon photovoltaic cell	Hydrolynx	4015	12.2	watt/sqm	30 minutes
Barometric Pressure	26803	09/23/94	Solid state	Hydrolynx	1522	6.6	mb, inHg	30 minutes

