

Climate Summary Report

Durango Complex Weather Station

Phoenix, Arizona

Period of Record: Calendar Years 1996-2024

Date of Station Installation: 06/23/1980

Weather Sensor Installation: 10/04/1991



State: Arizona

County: Maricopa

Latitude: 33° 25' 37.0" (33.4269)

Longitude: 112° 07' 11.3" (-112.1198)

TRS: T1N-R2E-Section 14

Location: 27th Ave. and Durango St.

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 1,045 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/gravel

Obstructions: No Obstructions

* For information on annual and monthly rainfall totals at Durango Complex refer to http://alert.fcd.maricopa.gov/alert/Rain/FOPR/3300_FOPR.xlsx.

Flood Control District of Maricopa County

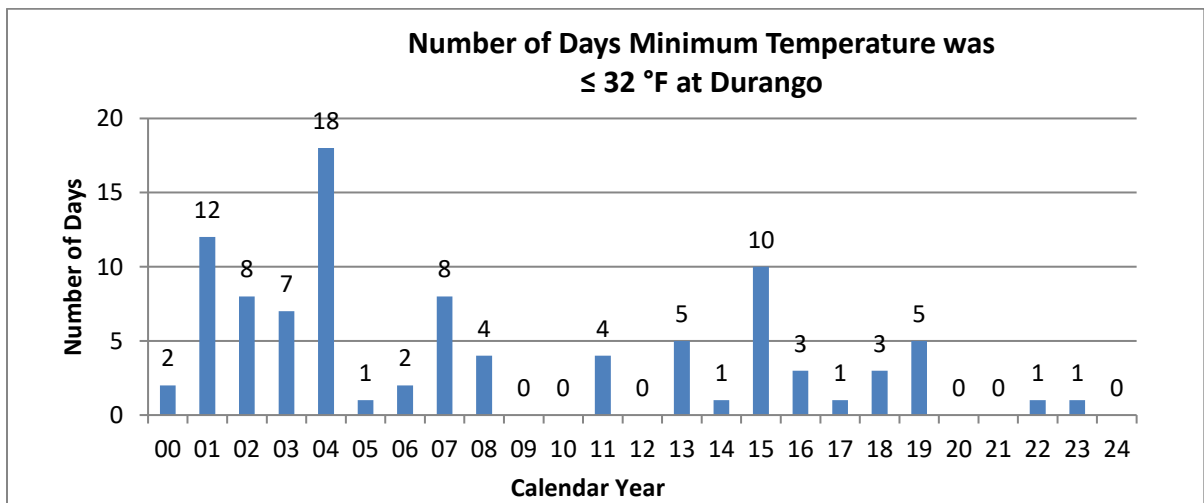
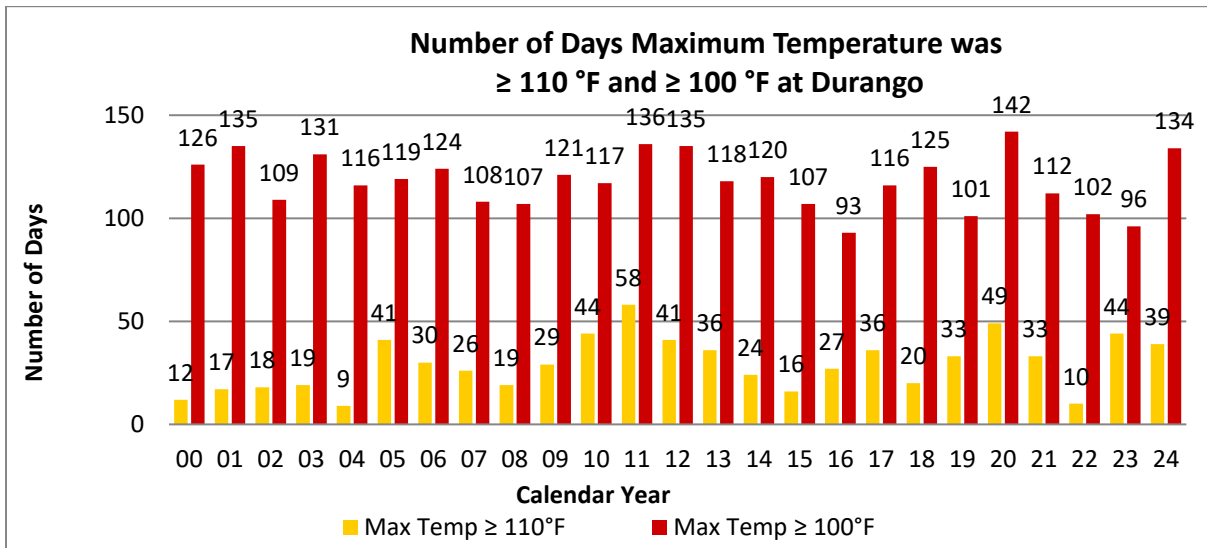
Durango Complex Weather Station 1996-2024

All-Time Records*

Temperature	High	122°F	7/16/2003
	Low	23°F	1/15/2007
Wind	Peak Wind Gust	55 MPH	8/31/2023
Dewpoint	Maximum Dewpoint	90°F	7/4/2012

*Most recent date of occurrence observed.

Temperature Statistics



Durango Complex 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	117	7/08	33	1/9	77.3	84	7/25	28	9/6
2023	121	7/20	31	2/16	74.8	63	7/22	55	8/31
2022	113	7/11	31	12/17	75.2	75	9/22	37	10/3
2021	118	6/18	37	1/27	77.7	77	8/16	48	8/13
2020	118	7/30	36	2/6	77.5	69	9/2	31	8/17
2019	116	8/5	25	1/2	74.6	73	9/23	29	11/29
2018	117	7/5	28	12/31	74.9	76	7/9	48	7/30
2017	121	6/20	32	12/22	77.3	77	7/15	32	1/21
2016	119	6/19	30	2/3	77.0	81	7/20	37	9/14
2015	116	8/14	29	12/31	75.2	74	9/21	N/A	N/A
2014	115	7/24	32	12/30	77.7	82	8/12	N/A	N/A
2013	120	6/29	27	1/15	76.4	78	7/21	N/A	N/A
2012	118	8/8	35	12/29	77.7	90	7/4	N/A	N/A
2011	120	7/2	27	2/4	76.2	77	7/25	N/A	N/A
2010	115	8/24	33	12/31	75.8	80	7/31	N/A	N/A
2009	115	8/29	33	12/26	75.1	73	8/13	N/A	N/A
2008	114	6/20	31	12/28	73.6	73	8/7	N/A	N/A
2007	114	7/5	23	1/15	74.3	74	7/24	N/A	N/A
2006	120	7/21	31	12/21	75.3	77	7/26	N/A	N/A
2005	117	7/17	31	12/17	74.4	76	8/9	N/A	N/A
2004	113	7/12	28	12/25	72.6	85	9/19	N/A	N/A
2003	122	7/16	24	12/29	74.3	75	8/1	N/A	N/A
2002	113	7/11	29	2/1	74.0	75	9/7	N/A	N/A
2001	118	7/2	30	12/14	74.1	72	8/10	N/A	N/A
2000	113	7/18	31	12/20	74.0	73	8/2	N/A	N/A

*Latest date of occurrence observed.

Durango Complex Weather Station Monthly Statistics

Month	Maximum Temp		Mean Temp ¹	Minimum Temp		Peak Wind		Avg Wind (mph) ²
	°F	Date*	°F	°F	Date*	MPH	Date*	MPH
January	89	1/31/2003	54.6	23	1/15/2007	32	1/13/1997	1.5
February	95	2/28/1992	58.4	27	2/4/2011	32	2/22/2023	2.2
March	102	3/20/1997	65.8	32	3/3/2002	34	3/16/2022	2.6
April	107	4/22/2012	73.7	35	4/2/1999	39	4/28/2021	3.0
May	119	5/17/1992	82.9	48	5/10/2003	30	5/21/2021	3.2
June	121	6/20/2017	92.5	50	6/24/1992	35	6/23/2022	3.3
July	122	7/16/2003	95.8	60	7/15/1999	48	7/30/2018	3.5
August	118	8/8/2012	94.0	66	8/28/2008	55	8/31/2023	3.1
September	115	9/5/2020	88.6	57	9/22/2004	37	9/2/1998	2.6
October	111	10/1/2024	75.6	40	10/26/1997	37	10/3/2022	1.9
November	102	11/8/1991	62.7	28	11/30/2004	36	11/27/2016	1.3
December	86	12/8/1996	53.9	24	12/29/2003	34	12/7/2009	1.2

¹The 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.

²Average 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	3300	02/25/93 06/26/92-02/25/93 10/02/91-06/26/92 prior to 10/02/91	Tipping Bucket	Hydrolynx	5050P	9.8	mm	Variable
Temperature	3301	10/04/91	Transducer, Radiation Shield	Hydrolynx	2048, 4550	9.6	deg F/C	15 minutes
Relative Humidity	3302	12/09/91	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	9.6	%	15 minutes
Dewpoint (calculated)	3316	07/05/94	---	---	---	---	deg F	15 minutes
Wind Speed	3304	11/16/91	Mechanical Wind Sensors	Young	5108	9.5	mph	15 minutes
Wind Direction	3305	05/01/01	Mechanical Wind Sensors	Young	5108	9.5	deg	15 minutes
Peak Wind	3306	06/24/93	---	---	---	---	mph	15 minutes
Solar Radiation	3311	11/29/94	Silicon photovoltaic cell	Hydrolynx	4015	9.3	watt/sqm	30 minutes
Barometric Pressure	3303	11/04/91	Solid state	Hydrolynx	1522	5.5	mb, inHg	30 minutes

