



Sycamore Creek Upper Weather Station


MARICOPA
COUNTY
FLOOD CONTROL DISTRICT

Annual Hydrologic Data Report
Volume III: Weather Statistics
Water Year 2025

Preface

This publication presents meteorological data collected by the Flood Control District of Maricopa County (FCDMC) automated ALERT system. Forty-two telemetered weather stations are included in this report. Thirty-five of the stations are located within Maricopa County, three in Yavapai County, and two in Pinal County.

The weather data contained in this report were collected, compiled, and edited by the FCDMC Flood Warning Branch. The information contained herein is as accurate and complete as possible within the limitations of real-time data collection technology currently available. Wherever possible, footnotes indicating periods of questionable and/or missing data have been added to the appropriate weather summaries. Although every possible means has been taken to provide accurate data, the liability for using this data falls upon the user and not the FCDMC.

This report is Volume 3 of a 3-volume suite entitled "Annual Hydrologic Data Report – Water Year 2025". Volumes 1 & 2 in order are [1] Precipitation Report; and [2] Surface Water and Streamflow Report. Additional copies of this report, and copies of the companion volumes, may be purchased from:

**Flood Control District of Maricopa County
2801 W. Durango Street
Phoenix, AZ 85009-6399
(602) 506-1501**

or can be downloaded from our Web Page at:

<http://www.maricopa.gov/759/Publications>

Table of Contents

Preface	2
Introduction	4
Figure 1: General Map of ALERT Weather Station Locations as of 09/30/2025	5
New Installations in Water Year 2025.....	6
Station Changes in Water Year 2025	7
Table 1: ALERT System Weather Stations Water Year 2025	8
Table 2: ALERT Weather Stations Sensor ID Matrix WY 2025.....	9
Table 3: Temperature Summary Water Year 2025	10
Figure 2: Map of Maximum Temperatures Water Year 2025	11
Figure 3: Map of Minimum Temperatures Water Year 2025	12
Table 4: Daily Temperature Tallies Water Year 2025	13
Table 5: Temperature Statistics for Water Years 2016-2025.....	14
Brief Weather Summary of Water Year 2025	15
Table 6: ALERT Network Temperature Statistics for Water Year 2025.....	16
Weather & Climate Data Summaries.....	17
ALERT Weather Station Meta Data	31

Introduction

This publication is part of a three-volume report containing hydrologic and meteorological data collected by the Flood Control District of Maricopa County during Water Year 2025. This report is Volume III and contains weather station statistics. On-line users of this document have additional resources available by selecting hyperlinks. Weather Station names will link to the FCDMC web page for that weather station. Other hyperlinks will link within the document.

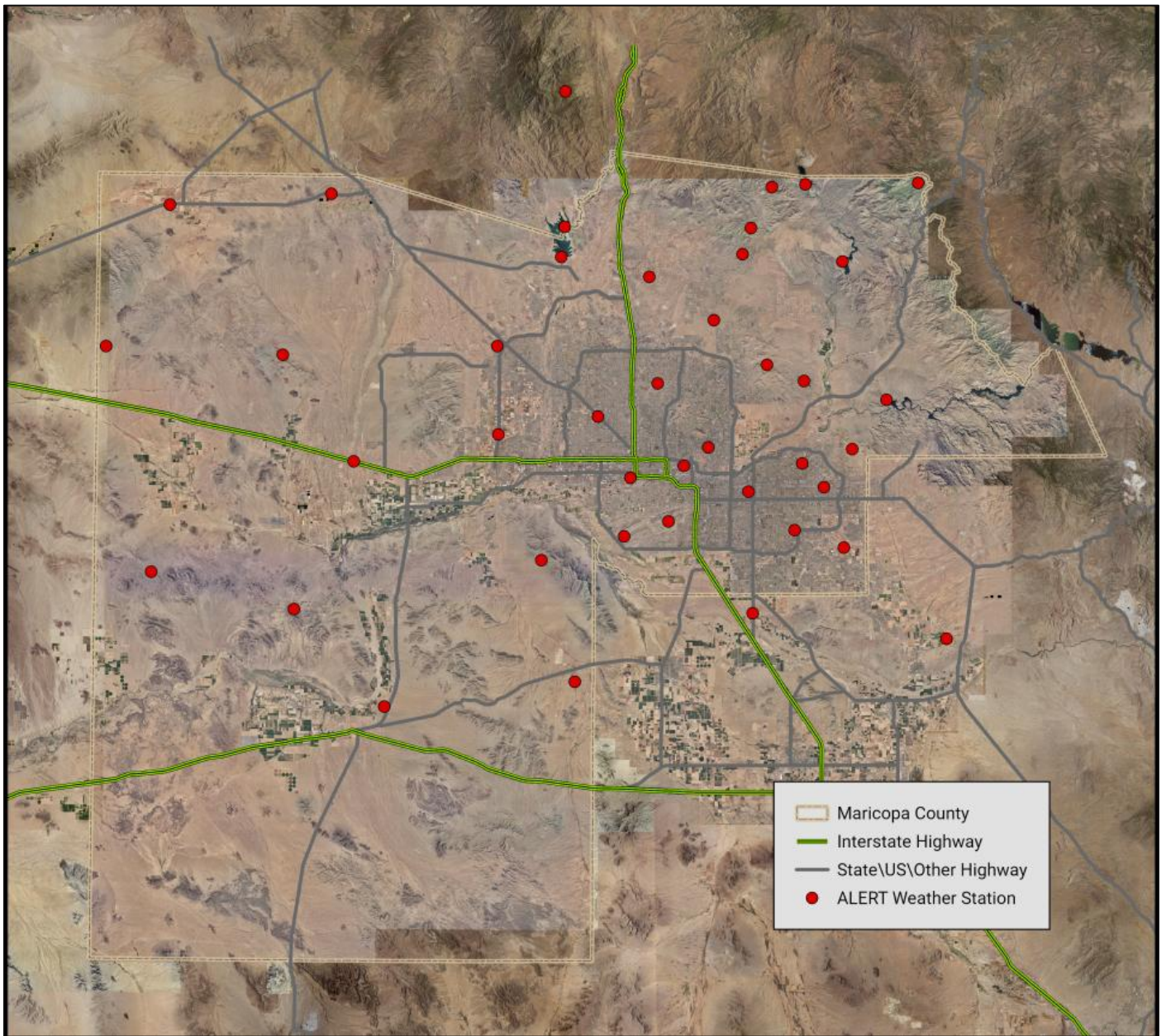
All weather stations report temperature and relative humidity; many also report a combination of wind direction, wind speed, barometric pressure, and solar radiation. In addition, dewpoint temperature is calculated every 15 minutes at all weather stations using the temperature and relative humidity data. The temperature, relative humidity, and wind sensors transmit data every 15 minutes; the barometric pressure and solar radiation sensors every 30 minutes.

The following paragraphs describe the arrangement, collection, and compilation of the monthly weather station data contained in this report:

- Weather station data presented in the monthly weather summaries are based on the “2025 Water Year” which began on Oct. 1st, 2024, and ended Sept. 30th, 2025. Each monthly summary represents one weather station and lists daily weather station statistics by sensor. The monthly summaries are arranged chronologically and by station name.
- An index of ALERT System weather stations, code names, locations, and installation dates are located on [page viii](#). This is followed by a sensor id number matrix listing the available sensors at each weather station. Both indexes are sorted by station name in alphabetical order. Station names are hyper-linked to additional weather station information and climate summaries (where available).
- The monthly weather summaries contain daily maximum, minimum, and mean values for temperature and dewpoint. The monthly summaries also contain daily maximum and minimum values for relative humidity and barometric pressure. Finally, the monthly summaries contain daily maximum peak wind and solar radiation values. All of the ALERT system weather stations record precipitation; however, that data is located in the [FCDMC Hydrologic Data Report Volume I](#).
- The unit of measurement for daily maximum, minimum, and mean temperature data is in degrees Fahrenheit (°F). The daily maximum, minimum, and mean dewpoint data are also in degrees Fahrenheit (°F). The daily maximum and minimum relative humidity data are in percent (%). The daily maximum peak wind data are in miles per hour (mph). The daily maximum and minimum barometric pressure are in millibars (mb). The daily maximum solar radiation data are in watts per square meter (w/m²).
- All data presented in the weather summaries are rounded to the nearest whole value. Additional and/or more detailed sensor data in hard copy or electronic copy are available for the weather station sensors listed in this report. Contact the FCDMC, Flood Warning Branch at (602) 506-8701. Data can also be downloaded from our web site at <http://www.maricopa.gov/3769/Weather-Sensor-Data>.

Comments or discovered errors in regard to this report should be sent to the Flood Warning Branch via email at FloodInfo@maricopa.gov or sent directly to Daniel Henz at daniel.henz@maricopa.gov

Figure 1: General Map of ALERT Weather Station Locations as of 09/30/2025



New Installations in Water Year 2025

There was a new weather station installed during Water Year 2025 (shown below and indicated in orange on Figure 1 in the Mesa area near Williams Gateway Airport (Ellsworth & Pecos Rd.). Installation and data collection began on December 17th, 2025. Due to the limited observation dataset, a full Water Year 2025 weather data summary at this site is not available in this report. Ellsworth Channel DPC metadata may be reviewed by clicking [here](#).



Station Changes in Water Year 2025

There were no weather stations moved in Water Year 2025.

May 2025: Thompson Peak weather station sensor IDs updated to 2501 (temperature), 2502 (relative humidity), and 2516 (dewpoint). Legacy ID#s for reference are 1901, 1902, and 1916.

Table 1: ALERT System Weather Stations Water Year 2025

Station Name	Data Begins	T-R-S	Latitude	Longitude	Elev. (ft.)	Location
Aguila VFD	03/26/15	7N-9W-22	33 56 27.4	113 10 19.8	2,170	Located behind Aguila Volunteer Fire Department in field
Bartlett Lake	08/31/00	6N-7E-28	33 50 20.2	111 38 11.7	1,825	Bartlett Lake Sheriff Sub-station
Belmont Mountains	03/20/07	4N-6W-30	33 39 26.7	112 54 41.3	1,865	4.8 mi. SW of the intersection of Aguila and Wickenburg Roads
Buckeye FRS #1	03/01/97	1N-5W-03	33 27 21.8	112 44 53.6	1,075	West end of Buckeye FRS #1, I-10 @ Hassayampa River
Camelback @ Loop 303	01/22/15	2N-2W-22	33 30 30.8	112 25 11.4	1,065	Northwest corner of Camelback Rd and Loop 303
Carefree Ranch	11/02/87	6N-5E-20	33 51 08.3	111 51 49.1	2,980	3.5 mi. NE of Sky Ranch Airport
City of Glendale	12/19/95	2N-2E-06	33 32 37.0	112 11 36.8	1,140	Grand Avenue at 63rd Avenue
Crossroads Park	12/18/95	1S-6E-21	33 19 39.7	111 44 47.9	1,265	1/2 mi. NW of Ray Rd. and Greenfield Rd.
Desert Mtn. School	07/19/06	5N-3E-05	33 48 33.6	112 04 37.8	1,810	1/4 mile SE of Cloud Road and 7th Ave.
Durango Complex	10/31/91	1N-2E-14	33 25 37.0	112 07 11.3	1,045	27th Ave. and Durango St.
Ellsworth Channel DPC*	12/17/24	1S-7E-33	33 17 39.3	111 38 8.16	1,380	William Gageway Airport (Ellsworth & Pecos Rd.)
EMF@ Arizona Ave	06/06/12	3S-5E-15	33 10 09.6	111 50 33.3	1,215	Arizona Ave/Hwy 587 at EMF
Estrella Fan	12/02/92	2S-1W-12	33 16 10.1	112 19 15.3	1,450	Alignments of El Mirage Rd. and Germann Rd.
Falcon Field	08/08/24	1N-R6E-03	33 27 16.5	111 43 45.5	1,370	Falcon Field Airport (Falcon Field Park)
Fountain Hills	07/23/97	3N-6E-15	33 36 40.0	111 43 30.6	1,675	At Palisades Blvd. Fire Station, near Fountain Hills Blvd.
G&F Woolsey Peak	06/25/03	3S-6W-09	33 10 23.7	112 52 50.5	2,005	8 miles southwest of Gillespie Dam
Gateway C. College	09/10/04	1N-3E-12	33 27 03.7	111 59 44.0	1,140	40th St. at Van Buren
Gila Bend Landfill	01/17/02	5S-4W-16	32 59 21.5	112 40 30.5	735	3 mi. North of the intersection of US 80 and I-8
Gila Bend Mountains	06/01/88	2S-9W-17	33 14 29.0	113 12 18.1	1,575	16 mi. NW of Painted Rock Dam off Agua Caliente Rd.
Horseshoe Lake	09/06/00	7N-6E-09	33 59 08.4	111 43 15.5	2,065	Horseshoe Lake – SW Corner near Boat Ramp
Horsethief Basin	03/28/88	9N-1E-33	34 09 44.6	112 16 14.1	6,710	At HB Recreation Area, 6 mi. SE of Crown King
Humboldt Mtn.	06/13/96	7N-5E-01	33 58 50.7	111 47 52.6	5,205	13 mi. NE of the Town of Cave Creek
Jefferson Park	12/21/16	1N-7E-19	33 24 29.5	111 40 47.9	1,395	SW side of Jefferson Park, just N of Broadway Rd
Jomax @ 70th	06/26/97	5N-4E-36	33 43 37.1	111 53 49.5	2,010	1/8 mi. W of 70 th St on Jomax Rd.
Kleinman Park	12/21/16	1N-5E-28	33 24 02.2	111 51 06.8	1,215	SW side of Kleinman Park, just N of 8 th Ave.
Lake Pleasant	11/13/08	6N-1E-20	33 50 49.9	112 16 41.7	1,825	South end of Lake Pleasant
Lake Pleasant North	04/24/01	7N-1E-33	33 54 16.8	112 16 15.0	1,755	On Deer Island, north end of Lake Pleasant
Magma FRS	12/19/95	4S-9E-35	33 07 06.5	111 24 16.6	1,625	7 mi. NNW of Florence
McMicken Dam	06/02/04	4N-2W-24	33 40 37.2	112 25 24.3	1,355	N. end of the dam, 1/4 mi SE of Deer Valley Rd and Cotton Ln
Mobile	04/04/08	4S-1E-34	33 02 18.4	112 14 38.7	1,340	2 miles SE of Mobile
Mt. Union	12/11/87	12N-2W-01	34 24 54.3	112 24 17.2	7,975	Top of Mt. Union, 10 mi. SSE of Prescott
Osborn @ 64th St.	01/16/98	2N-4E-27	33 29 06.4	111 56 33.5	1,250	200 yards east of Osborn Rd. @ 64th St.
Phoenix Dam 2B	06/29/09	3N-3E-16	33 36 23.8	112 03 28.4	1,415	Near Thunderbird and 7th St.
Rackensack Canyon	11/28/07	7N-5E-33	33 54 09.4	111 50 43.0	4,445	8 miles NE of Cave Creek
Saguaro Lake	01/24/00	2N-8E-27	33 34 30.7	111 32 15.1	1,540	MCSO yard, NW corner of the Lake
South Mountain Fan	06/09/93	1S-2E-26	33 18 54.7	112 08 01.3	1,285	Alignments of Ray Rd. and 35th Ave. in S. Mtn. Park
South Mountain Park	12/15/87	1S-3E-15	33 20 39.8	112 01 58.9	2,355	Alignments of Elliot Rd. and 24th St.
Sycamore Creek Upper	06/26/13	8N-9E-31	33 59 15.4	111 27 51.5	5,820	Approx 8-10mi NNW of Hwy 87 and FR 626 turn off
Thompson Peak	12/19/95	4N-5E-35	33 38 32.7	111 48 33.2	3,485	Near Thompson Peak, 120th St. and Bell Rd. alignments
Tiger Wash Fan	09/21/94	4N-10W-20	33 40 12.8	113 18 50.0	1,615	1 mi. W of Eagle Eye Rd. and 4 mi. N of Salome Highway
Usery Park WS	02/24/94	2N-7E-27	33 28 54.1	111 36 57.4	2,065	1/4 mi. WNW of the Crismon Rd. and Thomas Rd. alignments
Wickenburg Airport	08/03/94	7N-5W-08	33 57 53.5	112 48 14.4	2,380	4.5 mi. West of the US 60 / US 93 junction

Stations include a separate climate summary (click station name).
 *New station installation (Water Year stats not available due to limited data).

Table 2: ALERT Weather Stations Sensor ID Matrix WY 2025

Station Name	Code	Peak Wind	Wind Speed	Wind Direction	Relative Humidity	Temperature	Dewpoint	Solar Radiation	Barometric Pressure
Aquila VFD	AFD	28306	28304	28305	28302	28301	28316	----	----
Bartlett Lake	BTL	82706	82704	82705	82702	82701	82716	82711	82703
Belmont Mountains	BEL	46306	46304	46305	46302	46301	46316	46311	----
Buckeye FRS #1	BF1	44006	44004	44005	44002	44001	44016	----	44003
Camelback @ Loop 303	CRC	87506	87504	87505	87502	87501	87516	----	----
Carefree Ranch	CFR	21006	21004	21005	21002	21001	21016	21011	----
City of Glendale	GLN	6506	6504	6505	6502	6501	6516	6511	6503
Crossroads Park	XRD	33006	33004	33005	33002	33001	33016	33011	33003
Desert Mtn. School	DMS	18706	18704	18705	18702	18701	18716	18711	18703
Durango Complex	DGO	3306	3304	3305	3302	3301	3316	3311	3303
Ellsworth Channel DPC*	ECD	90106	90104	90105	90102	90101	90116	----	----
EMF@ Arizona Ave	EAA	35206	35204	35205	35202	35201	35216	35211	----
Estrella Fan	EST	84206	84204	84205	84202	84201	84216	84211	84203
Falcon Field	FAL	34006	34004	34005	34002	34001	34016	----	----
Fountain Hills	FHF	----	----	----	76702	76701	76716	----	----
G&F Woolsey Peak	GWP	----	----	----	23202	23201	23216	----	----
Gateway C. College	GCC	3006	3004	3005	3002	3001	3016	----	3003
Gila Bend Landfill	GBL	42506	42504	42505	42502	42501	42516	42511	----
Gila Bend Mountains	GBM	41506	41504	41505	41502	41501	41516	41511	41503
Horseshoe Lake	HSL	82506	82504	82505	82502	82501	82516	82511	82503
Horsethief Basin	HOR	16006	16004	16005	16002	16001	16016	16011	16003
Humboldt Mtn.	HUM	----	----	----	1202	1201	1216	----	----
Jefferson Park	JNP	34906	34904	34905	34902	34901	34916	----	----
Jomax @ 70th	JMX	60806	60804	60805	60802	60801	60816	60811	60803
Kleinman Park	KNP	30806	30804	30805	30802	30801	30816	----	----
Lake Pleasant	LPL	15006	15004	15005	15002	15001	15016	----	15003
Lake Pleasant North	LPN	15306	15304	15305	15302	15301	15316	15311	15303
Magma FRS	MAG	42306	42304	42305	42302	42301	42316	----	----
McMicken Dam	MKN	71706	71704	71705	71702	71701	71716	71711	71703
Mobile	MBL	84706	84704	84705	84702	84701	84716	----	84703
Mt. Union	UNN	----	----	----	1002	1001	1016	----	----
Osborn @ 64th St.	O64	56006	56004	56005	56002	56001	56016	----	----
Phoenix Dam 2B	P2B	9906	9904	9905	9902	9901	9916	9911	9903
Rackensack Canyon	RKC	76506	76504	76505	76502	76501	76516	----	76503
Saguaro Lake	SGL	63506	63504	63505	63502	63501	63516	63511	63503
South Mountain Fan	SMF	70506	70504	70505	70502	70501	70516	70511	70503
South Mountain Park	SMP	68506	68504	68505	68502	68501	68516	68511	68503
Sycamore Creek Upper	SYC	82206	82204	82205	82202	82201	82216	----	82203
Thompson Peak	TMP	----	----	----	2502	2501	2516	----	----
Tiger Wash Fan	TIG	26806	26804	26805	26802	26801	26816	26811	26803
Usery Park WS	USR	80706	80704	80705	80702	80701	80716	80711	80703
Wickenburg Airport	WBG	52806	52804	52805	52802	52801	52816	52811	52803

*New station installation (Water Year stats not available due to limited data).
 ---- Sensor not installed at this station

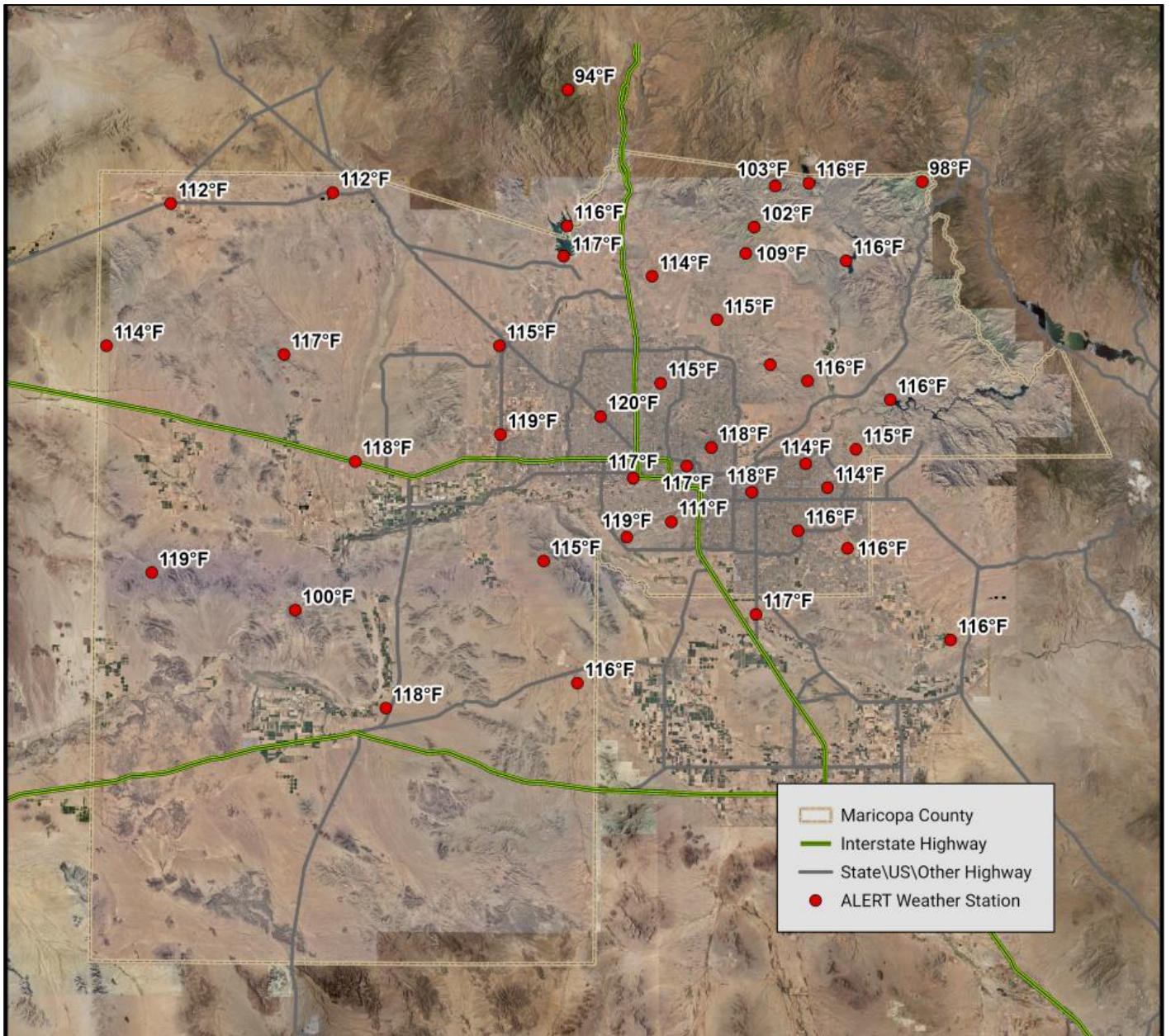
Table 3: Temperature Summary Water Year 2025

Station Name	Sensor ID	Elev. (ft)	Max (°F)	Date	Min (°F)	Date	Avg Max (°F)	Mean (°F)	Avg Min (°F)	% Data Complete
Aguila VFD	28301	2,170	112	8/7/2025	22	1/24/2025	83.9	69.6	54.1	90.7
Bartlett Lake	82701	1,825	116	8/7/2025	33	1/26/2025	87.1	73.6	60.2	94.0
Belmont Mountains	46301	1,865	117	8/7/2025	32	1/30/2025	85.7	74.7	62.7	90.8
Buckeye FRS #1	44001	1,075	118	8/7/2025	31	1/22/2025	89.0	75.1	60.1	95.5
Camelback @ Loop 303	87501	1,065	119	8/7/2025	35	1/11/2025	89.4	77.8	64.8	89.0
Carefree Ranch	21001	2,980	109	7/9/2025	31	1/21/2025	80.9	70.6	59.4	99.7
City of Glendale	6501	1,140	120	8/7/2025	37	1/22/2025	90.8	78.5	65.8	99.5
Crossroads Park	33001	1,265	116	8/7/2025	32	1/14/2025	88.6	75.8	62.0	95.0
Desert Mtn. School	18701	1,810	114	7/9/2025	28	1/24/2025	85.1	72.2	57.2	90.4
Durango Complex	3301	1,045	117	7/9/2025	34	1/22/2025	88.4	76.7	64.5	98.1
Ellsworth Channel DPC*	90101	1,380	----	----	----	----	----	----	----	76.7
EMF@ Arizona Ave	35201	1,215	117	7/9/2025	26	1/14/2025	89.6	75.0	59.6	89.2
Estrella Fan	84201	1,450	115	7/9/2025	35	1/22/2025	87.3	76.1	63.8	98.2
Falcon Field	34001	1,370	114	8/7/2025	36	1/11/2025	86.5	75.5	64.2	98.1
Fountain Hills	76701	1,675	116	8/7/2025	34	1/9/2025	86.9	74.7	62.2	55.9
G&F Woolsey Peak	23201	2,005	100	8/7/2025	41	1/21/2025	77.2	71.0	65.0	98.5
Gateway C. College	3001	1,140	117	8/7/2025	36	1/22/2025	89.2	77.4	65.7	99.7
Gila Bend Landfill	42501	735	118	6/19/2025	29	1/14/2025	90.1	75.3	60.2	96.5
Gila Bend Mountains	41501	1,575	119	8/7/2025	40	1/21/2025	88.0	77.5	66.9	98.0
Horseshoe Lake	82501	2,065	116	7/9/2025	31	1/22/2025	87.3	72.9	58.8	94.5
Horsethief Basin	16001	6,710	94	6/30/2025	15	1/21/2025	66.0	56.6	49.4	99.1
Humboldt Mtn.	1201	5,205	103	8/7/2025	25	1/21/2025	72.3	63.9	57.4	98.8
Jefferson Park	34901	1,395	114	7/9/2025	33	1/14/2025	87.3	75.1	62.7	81.1
Jomax @ 70 th	60801	2,010	115	8/7/2025	33	1/9/2025	85.5	73.2	61.1	97.9
Kleinman Park	30801	1,215	118	7/9/2025	31	1/14/2025	89.0	76.1	63.4	97.0
Lake Pleasant	15001	1,825	117	7/9/2025	39	1/30/2025	87.0	75.7	65.1	99.2
Lake Pleasant North	15301	1,755	116	8/7/2025	37	1/30/2025	85.9	75.3	65.3	98.5
Magma FRS	42301	1,625	116	8/7/2025	24	1/14/2025	86.4	73.1	59.5	90.1
McMicken Dam	71701	1,355	115	7/9/2025	33	1/23/2025	87.4	74.6	60.4	98.4
Mobile	84701	1,340	116	6/19/2025	16	10/27/2024	87.8	73.5	57.6	96.9
Mt. Union	1001	7,975	90	8/7/2025	12	1/21/2025	60.5	51.6	44.9	94.9
Osborn @ 64th St.	56001	1,250	118	7/9/2025	32	1/22/2025	89.1	75.2	61.1	99.3
Phoenix Dam 2B	9901	1,415	115	7/9/2025	31	1/22/2025	87.2	74.9	61.3	98.0
Rackensack Canyon	76501	4,445	102	7/9/2025	30	1/21/2025	75.1	67.9	60.9	98.1
Saguaro Lake	63501	1,540	116	8/7/2025	33	1/14/2025	88.5	74.5	61.0	92.6
South Mountain Fan	70501	1,285	119	8/7/2025	40	1/22/2025	90.4	79.6	67.4	96.3
South Mountain Park	68501	2,355	111	6/19/2025	38	1/21/2025	83.3	75.2	66.9	99.8
Sycamore Creek Upper	82201	5,820	98	8/7/2025	28	1/29/2025	70.0	62.0	55.0	84.3
Thompson Peak	2501	3,485	108	8/7/2025	32	1/21/2025	79.0	70.2	62.2	99.7
Tiger Wash Fan	26801	1,615	114	7/9/2025	29	1/21/2025	86.0	73.1	59.4	97.3
Usery Park WS	80701	2,065	115	8/7/2025	38	1/11/2025	86.6	76.1	65.1	99.7
Wickenburg Airport	52801	2,380	112	8/7/2025	28	1/24/2025	83.9	71.1	56.4	98.4

*New station installation (Water Year stats not available due to limited data).

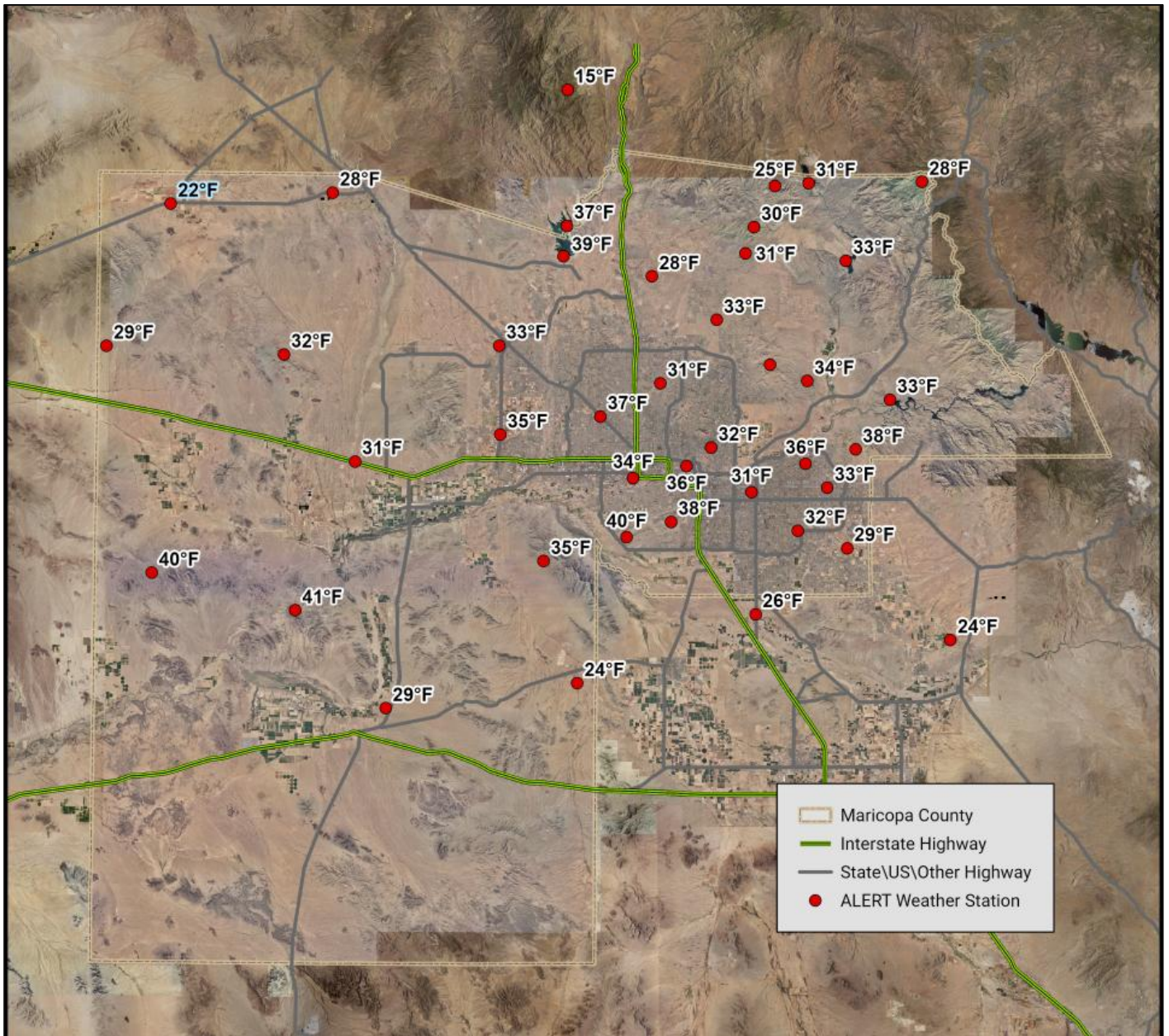
---- Sensor not installed at this station

Figure 2: Map of Maximum Temperatures Water Year 2025



No new daily maximum temperatures were set during WY2025.

Figure 3: Map of Minimum Temperatures Water Year 2025



The Aguilera VFD site was the only location setting a new minimum temperature record during WY2025 (highlighted in blue).

Table 4: Daily Temperature Tallies Water Year 2025

Station Name	Sensor ID	Elev. (ft)	# Days Max T ≥ 100°F	# Days Max T ≥ 110°F	# Days Min T ≤ 32°F	% Data Complete
Aguila VFD	28301	2,170	72	5	18	90.7
Bartlett Lake	82701	1,780	102	16	0	94.0
Belmont Mountains	46301	1,860	92	16	2	90.8
Buckeye FRS #1	44001	1,075	117	35	2	95.5
Camelback @ Loop 303	87501	1,115	129	40	0	89.0
Carefree Ranch	21001	2,960	43	0	2	99.7
City of Glendale	6501	1,150	138	45	0	99.5
Crossroads Park	33001	1,270	120	22	1	95.0
Desert Mtn. School	18701	1,810	89	6	7	90.4
Durango Complex	3301	1,050	126	29	0	98.1
Ellsworth Channel DPC*	90101	1,380	----	----	----	76.7
EMF@ Arizona Ave	35201	1,215	133	38	9	89.2
Estrella Fan	84201	1,455	111	22	0	98.2
Falcon Field	34001	1,370	99	14	0	98.1
Fountain Hills	76701	1,665	104	16	0	99.1
G&F Woolsey Peak	23201	1,985	1	0	0	98.5
Gateway C. College	3001	1,145	127	31	0	99.7
Gila Bend Landfill	42501	750	133	49	2	96.5
Gila Bend Mountains	41501	1,560	123	37	0	98.0
Horseshoe Lake	82501	2,085	104	21	2	94.5
Horsethief Basin	16001	6,705	0	0	57	99.1
Humboldt Mtn.	1201	5,205	2	0	11	98.8
Jefferson Park	34901	1,400	108	14	0	81.1
Jomax @ 70 th	60801	2,180	92	9	0	97.9
Kleinman Park	30801	1,220	132	40	1	97.0
Lake Pleasant	15001	1,815	110	21	0	99.2
Lake Pleasant North	15301	1,750	100	10	0	98.5
Magma FRS	42301	1,605	109	15	8	90.1
McMicken Dam	71701	1,350	100	17	0	98.4
Mobile	84701	1,340	110	25	15	96.9
Mt. Union	1001	7,495	0	0	85	94.9
Osborn @ 64th St.	56001	1,255	127	36	3	99.3
Phoenix Dam 2B	9901	1,425	103	15	1	98.0
Rackensack Canyon	76501	4,475	4	0	2	98.1
Saguaro Lake	63501	1,550	120	25	0	92.6
South Mountain Fan	70501	1,270	128	48	0	96.3
South Mountain Park	68501	2,350	81	5	0	99.8
Sycamore Creek Upper	82201	5,825	0	0	16	84.3
Thompson Peak	2501	3,995	25	0	1	99.7
Tiger Wash Fan	26801	1,605	97	12	2	97.3
Usery Park WS	80701	2,065	97	12	0	99.7
Wickenburg Airport	52801	2,385	75	6	11	98.4

*New station installation (Water Year stats not available due to limited data).

---- Sensor not installed at this station

Table 5: Temperature Statistics for Water Years 2016-2025

Statistic	WY	Location	Value
Highest <u>Daily</u> Maximum Temperature	- 2025	City of Glendale	120°F
	- 2024	Gila Bend Landfill, S. Mountain Fan	119°F
	- 2023	Durango Complex	121°F
	- 2022	Buckeye FRS #1	116°F
	- 2021	Crossroads Park, Phoenix Dam 2B	119°F
	- 2020	Buckeye FRS #1	121°F
	- 2019	South Mt. Fan, Buckeye FRS #1	117°F
	- 2018	Gateway CC, South Mt. Fan	118°F
	- 2017	Gila Bend Landfill	122°F
- 2016	Buckeye FRS #1, McMicken Dam	118°F	
Lowest <u>Daily</u> Minimum Temperature	- 2025	Mt. Union	12°F
	- 2024	Mt. Union	9°F
	- 2023	Mt. Union	15°F
	- 2022	Mt. Union	11°F
	- 2021	Mt. Union	13°F
	- 2020	Mt. Union	6°F
	- 2019	Mt. Union	6°F
	- 2018	Mt. Union	13°F
	- 2017	Mt. Union	15°F
- 2016	Mt. Union	9°F	
Highest <u>Number</u> of Days with Temperature \geq 100°F	- 2025	City of Glendale	138
	- 2024	Gila Bend Landfill	139
	- 2023	Crossroads Park	117
	- 2022	Buckeye FRS #1	113
	- 2021	Kleinman Park	127
	- 2020	Gila Bend Landfill	140
	- 2019	Gateway Community College	109
	- 2018	Gila Bend Landfill	135
	- 2017	Crossroads Park	123
- 2016	Osborn @ 64 th St	106	
Highest <u>Number</u> of Days with Temperature \geq 110°F	- 2025	Gila Bend Landfill	49
	- 2024	Gila Bend Landfill	76
	- 2023	Crossroads Park	46
	- 2022	Buckeye FRS #1	26
	- 2021	Kleinman Park	35
	- 2020	Buckeye FRS #1	67
	- 2019	South Mountain Fan	40
	- 2018	Gila Bend Landfill	28
	- 2017	Gila Bend Landfill	58
- 2016	Buckeye FRS #1	38	
Highest <u>Number</u> of Days with Temperature \leq 32°F	- 2025	Mt. Union	85
	- 2024	Mt. Union	92
	- 2023	Mt. Union	64
	- 2022	Mt. Union	50
	- 2021	Mt. Union	57
	- 2020	Mt. Union	97
	- 2019	Mt. Union	102
	- 2018	Mt. Union	57
	- 2017	Mt. Union	53
- 2016	Mt. Union	67	
Highest <u>Annual</u> Average Maximum Temperature	- 2025	City of Glendale	90.8°F
	- 2024	Gila Bend Landfill	92.3°F
	- 2023	Gila Bend Landfill	87.4°F
	- 2022	Kleinman Park	89.5°F
	- 2021	Crossroads Park	89.8°F
	- 2020	South Mountain Fan	90.1°F
	- 2019	Gateway Community College	86.8°F
	- 2018	Gila Bend Landfill	91.0°F
	- 2017	Gila Bend Landfill	90.1°F
- 2016	McMicken Dam	88.2°F	
Lowest <u>Annual</u> Average Minimum Temperature	- 2025	Mt. Union	44.9°F
	- 2024	Mt. Union	45.0°F
	- 2023	Mt. Union	46.3°F
	- 2022	Mt. Union	46.4°F
	- 2021	Mt. Union	48.7°F
	- 2020	Mt. Union	44.0°F
	- 2019	Mt. Union	41.9°F
	- 2018	Mt. Union	49.5°F
	- 2017	Mt. Union	49.5°F
- 2016	Mt. Union	47.1°F	
- 2016	Mt. Union	46.5°F	

Statistic	WY	Location	Value
Average <u>Annual</u> Maximum Temperature for All Stations	- 2025		84.5°F
	- 2024		84.3°F
	- 2023		81.7°F
	- 2022		84.7°F
	- 2021		84.5°F
	- 2020		84.0°F
	- 2019		80.9°F
	- 2018		85.6°F
	- 2017		83.1°F
	- 2016		83.3°F
Average <u>Annual</u> Minimum Temperature for All Stations	- 2025		61.0°F
	- 2024		61.8°F
	- 2023		59.5°F
	- 2022		61.7°F
	- 2021		61.1°F
	- 2020		60.9°F
	- 2019		59.1°F
	- 2018		62.8°F
	- 2017		63.4°F
	- 2016		60.4°F
Average <u>Annual</u> Mean Temperature for All Stations	- 2025		72.9°F
	- 2024		73.1°F
	- 2023		70.7°F
	- 2022		73.3°F
	- 2021		72.9°F
	- 2020		72.5°F
	- 2019		70.1°F
	- 2018		74.2°F
	- 2017		73.3°F
	- 2016		71.9°F
	- 2015		72.8°F
	- 2014		72.2°F
	- 2013		72.8°F
	- 2012		72.7°F
	- 2011		71.5°F
- 2010		70.5°F	
- 2009		72.8°F	
- 2008		70.5°F	
- 2007		71.6°F	

Brief Weather Summary of Water Year 2025

Water Year 2025 began at the conclusion of a historically hot and abnormally dry monsoon across the ALERT network. Very dry and climatologically warm conditions throughout the Desert Southwest prevailed October through December. During this period, widespread mean temperature anomalies across southcentral Arizona reached +3-5°F, while precipitation ranged from 0 to less than 20 percent of normal. Precipitation opportunities remained limited for the rest of the winter and early spring, only accounting for variable spatial relief between 20-70 percent of normal across most of Arizona. Temperatures through March returned to near seasonable before trending above normal April through June. Portions of the Desert Southwest became unusually wet preceding the official start of Monsoon 2025 (June 15th). Pacific low pressure systems tapped into subtropical moisture allowing for thunderstorms and heavy rainfall, particularly over western Arizona. Precipitation for much of Arizona, including Metro Phoenix, exceeded 200-400+ percent normal for the April through June period. Late June through early August ended very dry due to relentless Pacific troughing resulting in dry southwesterly flow. Consequently, deeper monsoon moisture and daily summertime thunderstorms were largely confined to New Mexico and far southeastern Arizona. A Four Corners Monsoon High placement by late August increased diurnal thunderstorm activity further west into Arizona. Even so, rainfall remained well below average through August. There was a favorable monsoon transition weather pattern during September. The result was excessive tropical moisture from the East Pacific often steered into the Desert Southwest leading to multiple severe thunderstorm outbreaks. Consequently, total monsoon precipitation was highly

skewed by prolific late summer and early fall thunderstorm activity. Otherwise, mean temperatures to end the WY between July and September were mild to warm having a +1-5°F degree departure from normal. More detailed weather and rainfall information on this past monsoon is available [here](#). As a final summary note, according to Oceanic Nino Index tracking from [NOAA](#), the entire Water Year 2025 was not influenced by a defined El Niño or La Niña as slightly cooler water anomalies in the East Pacific Basin represented persistent “Neutral” conditions. The National Weather Service Climate Prediction Center ([CPC](#)) provides more scientific background on the potential influence of El Niño/La Niña episodes on Southwest U.S. precipitation.

Table 6 below shows average temperature data across the entire ALERT weather station network for Water Year 2025. Anomalies and ranks were calculated using data between 2000 and 2025. Overall, the mean temperature across all stations for Water Year 2025 was 72.9°F, which was 1.1°F warmer than the long-term network average of 71.7°F and ranks as the 5th warmest WY on record. Looking at the anomaly data (not shown), 30 weather stations had a warm bias above respective long-term averages with the warmest being +4.0°F. Camelback @ Loop 303, City of Glendale, and South Mountain Fan stations observed their warmest mean WY temperatures on record. There were 9 stations cooler than their long-term average ranging between -0.1°F to -3.6°F anomaly. Those stations represent suburban, rural, foothill, and mountainous environments. Note the recently installed Ellsworth Channel DPC station was not included in mean and anomaly temperature evaluations due to limited observations.

Table 6: ALERT Network Temperature Statistics for Water Year 2025

Statistic	Avg Temp (°F)	Avg Max Temp (°F)	Avg Min Temp (°F)
Value	72.9	84.5	61.0
Anomaly	+1.1	+0.8	+1.0
Rank (2000-2025)	5 th Warmest	6 th Warmest	7 th Warmest
Standardized Anomaly	+1.00	+0.68	+0.72

The average maximum temperature across all stations for WY2025 was 84.5°F, which was 0.8°F warmer than the long-term network average of 83.7°F. This ranked as the 6th warmest WY on record. There were 30 weather stations warmer than their respective long-term mean maximum temperatures as warm as +3.4°F anomaly with 10 having cooler anomalies as cool as -5.4°F. City of Glendale, EMF @ Arizona Ave., and South Mountain Fan set new warm WY average maximum temperatures. No new daily maximum temperatures were set during Water Year 2025.

The average minimum temperature across all stations was 61.0°F, which was 1.0°F warmer than the long-term network average of 60.0°F. Water Year 2025 ranked 7th warmest on record. There were 25 stations registering warm anomalies with the highest being +4.2°F; however, 11 stations representing a variety of environments, including high elevation, rural desert, and urban, had average minimum temperature anomalies between -0.2°F to -2.5°F. Camelback @ Loop 303 set a new warm WY average minimum temperature. The Mobile site set a new cooler WY average minimum temperature. The Aguila VFD station was the only location establishing a new daily minimum temperature record during Water Year 2025 (see Figure 3).

Weather & Climate Data Summaries

Table 1: Weather & Climate Summary Report (Water Year 2025)

Weather Station	Maximum T		Minimum T		Mean Max T	Mean Min T	Mean T	Days ≥90°F	Days ≥100°F	Day ≥110°F	Days ≤32°F	Days Min T ≥90°F
	°F	Date	°F	Date	°F	°F	°F	Total	Total	Total	Total	Total
Aguila VFD	112	8/7	22	1/24	83.9	69.6	54.1	154	72	5	18	0
Bartlett Lake	116	8/7	33	1/26	87.1	73.6	60.2	166	102	16	0	1
Belmont Mountains	117	8/7	32	1/30	85.7	74.7	62.7	153	92	16	2	6
Buckeye FRS #1	118	8/7	31	1/22	89.0	75.1	60.1	179	117	35	2	2
Camelback Rd. @ Loop 303	119	8/7	35	1/11	89.4	77.8	64.8	188	129	40	0	22
Carefree Ranch	109	7/9	31	1/21	80.9	70.6	59.4	137	43	0	2	0
City of Glendale	120	8/7	37	1/22	90.8	78.5	65.8	192	138	45	0	33
Crossroads Park	116	8/7	32	1/14	88.6	75.8	62.0	179	120	22	1	4
Desert Mountain School	114	7/9	28	1/24	85.1	72.2	57.2	162	89	6	7	0
Durango Complex	117	7/9	34	1/22	88.4	76.7	64.5	181	126	29	0	18
Ellsworth Channel DPC	116	7/9	29	1/14	88.8	75.6	61.2	149	96	14	9	0
EMF @ Arizona Ave.	117	7/9	26	1/14	89.6	75.0	59.6	187	133	38	9	1
Estrella Fan	115	7/9	35	1/22	87.3	76.1	63.8	176	111	22	0	7
Falcon Field	114	8/7	36	1/11	86.5	75.5	64.2	170	99	14	0	6
Fountain Hills Fire Dept.	116	8/7	34	1/9	86.9	74.7	62.2	171	104	16	0	0
G & F Woolsey Peak	100	8/7	41	1/21	77.2	71.0	65.0	79	1	0	0	0
GateWay Community College	117	8/7	36	1/22	89.2	77.4	65.7	181	127	31	0	19
Gila Bend Landfill	118	6/19	29	1/14	90.1	75.3	60.2	183	133	49	2	2
Gila Bend Mountains	119	8/7	40	1/21	88.0	77.5	66.9	182	123	37	0	8
Horseshoe Lake	116	7/9	31	1/22	87.3	72.9	58.8	163	104	21	2	0
Horsethief Basin	94	6/30	15	1/21	66.0	56.6	49.4	14	0	0	57	0
Humboldt Mountain	103	8/7	25	1/21	72.3	63.9	57.4	60	2	0	11	0
Jefferson Park	114	7/9	33	1/14	87.3	75.1	62.7	170	108	14	0	1
Jomax Rd. @ 70th St.	115	8/7	33	1/9	85.5	73.2	61.1	162	92	9	0	0
Kleinman Park	118	7/9	31	1/14	89.0	76.1	63.4	187	132	40	1	15
Lake Pleasant	117	7/9	39	1/30	87.0	75.7	65.1	169	110	21	0	3
Lake Pleasant North	116	8/7	37	1/30	85.9	75.3	65.3	165	100	10	0	7
Magma FRS	116	8/7	24	1/14	86.4	73.1	59.5	177	109	15	8	0
McMicken Dam	115	7/9	33	1/23	87.4	74.6	60.4	168	100	17	0	5
Mobile	116	6/19	24	1/14	87.8	73.5	57.6	177	110	25	15	1
Mt. Union	90	8/7	12	1/21	60.5	51.6	44.9	1	0	0	85	0
Osborn Rd. @ 64th St.	118	7/9	32	1/22	89.1	75.2	61.1	180	127	36	3	4
Phoenix Dam 2B	115	7/9	31	1/22	87.2	74.9	61.3	170	103	15	1	2
Rackensack Canyon	102	7/9	30	1/21	75.1	67.9	60.9	77	4	0	2	0
Saguaro Lake	116	8/7	33	1/14	88.5	74.5	61.0	179	120	25	0	0
South Mountain Fan	119	8/7	40	1/22	90.4	79.6	67.4	179	128	48	0	37
South Mountain Park	111	6/19	38	1/21	83.3	75.2	66.9	155	81	5	0	9
Sycamore Creek - Upper	98	8/7	28	1/29	70.0	62.0	55.0	26	0	0	16	0
Thompson Peak	108	8/7	32	1/21	79.0	70.2	62.2	119	25	0	1	2
Tiger Wash Fan	114	7/9	29	1/21	86.0	73.1	59.4	166	97	12	2	1
Usery Park WS	115	8/7	38	1/11	86.6	76.1	65.1	171	97	12	0	4
Wickenburg Airport	112	8/7	28	1/24	83.9	71.1	56.4	154	75	6	11	0

To retrieve the full suite of daily weather sensor statistics by month for the entire Water Year at each weather station use the following link: https://alert.fcd.maricopa.gov/alert/Wx/ws_WY_2025.xlsx

Table 2: October Weather & Climate Summary Report (Water Year 2025)

Weather Station	Maximum T		Minimum T		Mean Max T	Mean Min T	Mean T	Days ≥90°F	Days ≥100°F	Day ≥110°F	Days ≤32°F	Days Min T ≥90°F
	°F	Date	°F	Date	°F	°F	°F	Total	Total	Total	Total	Total
Aguila VFD	107	10/1	38	10/31	92.0	74.9	58.0	21	11	0	0	0
Bartlett Lake	109	10/1	47	10/30	94.2	79.0	65.5	22	13	0	0	0
Belmont Mountains	108	10/9	50	10/30	92.9	81.3	69.4	21	12	0	0	0
Buckeye FRS #1	110	10/6	46	10/31	96.6	81.1	65.3	23	14	3	0	0
Camelback Rd. @ Loop 303	110	10/1	49	10/31	95.5	81.3	66.6	23	13	1	0	0
Carefree Ranch	103	10/1	47	10/30	88.5	77.3	66.3	17	6	0	0	0
City of Glendale	109	10/1	49	10/31	94.7	80.1	66.2	23	13	0	0	0
Crossroads Park	111	10/1	48	10/31	96.6	81.1	65.3	23	15	2	0	0
Desert Mountain School	107	10/1	41	10/31	92.0	76.9	60.3	22	12	0	0	0
Durango Complex	111	10/1	50	10/31	95.7	82.0	68.5	23	13	1	0	0
Ellsworth Channel DPC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EMF @ Arizona Ave.	112	10/1	42	10/31	96.4	78.7	61.2	24	14	1	0	0
Estrella Fan	111	10/1	50	10/31	96.1	83.6	70.1	23	13	2	0	1
Falcon Field	110	10/1	49	10/31	95.5	81.3	66.6	23	13	1	0	0
Fountain Hills Fire Dept.	107	10/1	48	10/30	92.6	78.5	66.1	22	12	0	0	0
G & F Woolsey Peak	96	10/1	56	10/19	83.4	77.5	71.5	12	0	0	0	0
GateWay Community College	111	10/1	52	10/31	96.3	82.9	70.7	23	14	1	0	0
Gila Bend Landfill	114	10/6	47	10/31	98.3	81.0	65.0	25	15	6	0	0
Gila Bend Mountains	110	10/6	57	10/30	94.4	84.3	74.0	23	13	2	0	0
Horseshoe Lake	111	10/1	45	10/31	95.1	78.3	63.0	22	13	1	0	0
Horsethief Basin	92	10/6	37	10/19	77.5	67.7	61.1	6	0	0	0	0
Humboldt Mountain	95	10/5	43	10/19	80.9	72.5	66.6	9	0	0	0	0
Jefferson Park	111	10/1	49	10/31	95.2	80.7	66.9	23	13	1	0	0
Jomax Rd. @ 70th St.	107	10/1	47	10/30	92.5	79.3	67.1	22	12	0	0	0
Kleinman Park	109	10/1	47	10/31	95.3	80.3	66.6	23	13	0	0	0
Lake Pleasant	109	10/4	54	10/31	94.4	82.1	71.6	22	13	0	0	0
Lake Pleasant North	106	10/4	55	10/30	92.4	81.2	71.5	22	11	0	0	0
Magma FRS	107	10/1	38	10/31	91.3	76.6	61.4	21	10	0	0	0
McMicken Dam	110	10/4	46	10/31	96.3	80.9	65.5	23	14	2	0	0
Mobile	111	10/1	41	10/31	96.4	79.2	61.2	24	14	3	1	0
Mt. Union	83	10/4	29	10/29	68.1	58.7	53.0	0	0	0	4	0
Osborn Rd. @ 64th St.	111	10/1	46	10/31	96.1	79.8	64.4	23	14	1	0	0
Phoenix Dam 2B	109	10/1	46	10/31	94.5	79.6	64.5	22	12	0	0	0
Rackensack Canyon	99	10/1	45	10/19	83.5	76.0	69.2	13	0	0	0	0
Saguaro Lake	111	10/7	47	10/30	97.1	79.7	64.9	23	15	4	0	0
South Mountain Fan	113	10/1	54	10/31	98.0	85.8	71.5	25	15	4	0	0
South Mountain Park	105	10/1	51	10/19	89.9	81.9	73.6	19	8	0	0	0
Sycamore Creek - Upper	90	10/4	39	10/19	77.0	68.8	62.1	1	0	0	0	0
Thompson Peak	102	10/1	46	10/19	86.4	77.5	68.7	13	3	0	0	0
Tiger Wash Fan	108	10/1	47	10/31	93.4	78.9	65.2	22	12	0	0	0
Usery Park WS	109	10/1	52	10/30	94.1	82.6	71.0	23	13	0	0	0
Wickenburg Airport	105	10/1	40	10/31	91.1	76.4	61.0	20	11	0	0	0

To retrieve the full suite of daily weather sensor statistics by month for the entire Water Year at each weather station use the following link: https://alert.fcd.maricopa.gov/alert/Wx/ws_WY_2025.xlsx

Table 3: November Weather & Climate Summary Report (Water Year 2025)

Weather Station	Maximum T		Minimum T		Mean Max T	Mean Min T	Mean T	Days ≥90°F	Days ≥100°F	Day ≥110°F	Days ≤32°F	Days Min T ≥90°F
	°F	Date	°F	Date	°F	°F	°F	Total	Total	Total	Total	Total
Aguila VFD	81	11/21	33	11/16	71.8	55.0	39.3	0	0	0	0	0
Bartlett Lake	84	11/22	40	11/18	74.1	59.3	47.8	0	0	0	0	0
Belmont Mountains	80	11/22	38	11/16	71.4	60.5	50.2	0	0	0	0	0
Buckeye FRS #1	83	11/21	38	11/18	75.5	60.0	45.3	0	0	0	0	0
Camelback Rd. @ Loop 303	82	11/14	41	11/17	74.7	61.3	48.5	0	0	0	0	0
Carefree Ranch	79	11/22	40	11/18	68.5	57.9	48.2	0	0	0	0	0
City of Glendale	86	11/22	41	11/17	75.1	60.8	48.0	0	0	0	0	0
Crossroads Park	84	11/22	41	11/21	75.6	60.6	46.9	0	0	0	0	0
Desert Mountain School	81	11/22	37	11/22	71.8	57.1	42.8	0	0	0	0	0
Durango Complex	83	11/22	43	11/8	74.0	60.8	48.7	0	0	0	0	0
Ellsworth Channel DPC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EMF @ Arizona Ave.	84	11/14	36	11/8	75.7	58.6	42.9	0	0	0	0	0
Estrella Fan	82	11/14	42	11/17	74.4	62.3	50.7	0	0	0	0	0
Falcon Field	82	11/22	45	11/17	72.8	61.0	50.6	0	0	0	0	0
Fountain Hills Fire Dept.	84	11/22	41	11/18	73.5	60.1	49.4	0	0	0	0	0
G & F Woolsey Peak	72	11/14	50	11/17	66.3	61.3	56.3	0	0	0	0	0
GateWay Community College	85	11/22	45	11/17	75.7	62.4	51.1	0	0	0	0	0
Gila Bend Landfill	84	11/14	37	11/17	76.1	59.4	45.2	0	0	0	0	0
Gila Bend Mountains	81	11/11	45	11/16	72.4	63.8	55.4	0	0	0	0	0
Horseshoe Lake	85	11/14	37	11/8	74.4	58.9	46.3	0	0	0	0	0
Horsethief Basin	67	11/22	24	11/7	54.0	44.7	37.6	0	0	0	9	0
Humboldt Mountain	71	11/22	33	11/7	59.8	52.2	46.2	0	0	0	0	0
Jefferson Park	83	11/22	42	11/8	74.6	60.5	48.1	0	0	0	0	0
Jomax Rd. @ 70th St.	82	11/22	41	11/18	72.5	59.2	48.6	0	0	0	0	0
Kleinman Park	83	11/22	40	11/8	74.1	59.7	47.5	0	0	0	0	0
Lake Pleasant	82	11/22	45	11/16	73.0	62.1	53.7	0	0	0	0	0
Lake Pleasant North	81	11/22	46	11/18	72.4	61.8	52.8	0	0	0	0	0
Magma FRS	83	11/14	32	11/7	70.9	56.2	41.8	0	0	0	1	0
McMicken Dam	84	11/21	40	11/8	75.2	60.2	45.6	0	0	0	0	0
Mobile	81	11/14	33	11/8	73.7	57.4	41.8	0	0	0	0	0
Mt. Union	63	11/21	21	11/7	48.5	40.0	33.9	0	0	0	10	0
Osborn Rd. @ 64th St.	84	11/22	40	11/9	74.9	59.2	45.6	0	0	0	0	0
Phoenix Dam 2B	84	11/14	39	11/17	74.2	59.7	46.1	0	0	0	0	0
Rackensack Canyon	75	11/22	38	11/7	63.1	56.2	50.1	0	0	0	0	0
Saguaro Lake	87	11/14	40	11/7	75.7	59.9	47.4	0	0	0	0	0
South Mountain Fan	85	11/22	45	11/6	76.8	65.4	52.9	0	0	0	0	0
South Mountain Park	76	11/10	46	11/7	68.3	62.1	55.0	0	0	0	0	0
Sycamore Creek - Upper	68	11/22	31	11/7	57.2	49.5	43.2	0	0	0	1	0
Thompson Peak	78	11/22	41	11/7	66.6	58.1	51.0	0	0	0	0	0
Tiger Wash Fan	80	11/22	37	11/16	72.6	58.2	45.3	0	0	0	0	0
Usery Park WS	85	11/14	43	11/7	73.5	62.5	52.6	0	0	0	0	0
Wickenburg Airport	80	11/22	35	11/16	70.9	56.1	41.7	0	0	0	0	0

To retrieve the full suite of daily weather sensor statistics by month for the entire Water Year at each weather station use the following link: https://alert.fcd.maricopa.gov/alert/Wx/ws_WY_2025.xlsx

Table 4: December Weather & Climate Summary Report (Water Year 2025)

Weather Station	Maximum T		Minimum T		Mean Max T	Mean Min T	Mean T	Days ≥90°F	Days ≥100°F	Day ≥110°F	Days ≤32°F	Days Min T ≥90°F
	°F	Date	°F	Date	°F	°F	°F	Total	Total	Total	Total	Total
Aguila VFD	82	12/2	31	12/11	72.2	53.1	37.6	0	0	0	2	0
Bartlett Lake	82	12/20	38	12/15	74.3	58.7	46.7	0	0	0	0	0
Belmont Mountains	79	12/21	42	12/27	72.3	61.3	51.1	0	0	0	0	0
Buckeye FRS #1	82	12/19	38	12/17	74.6	58.4	44.1	0	0	0	0	0
Camelback Rd. @ Loop 303	82	12/18	39	12/16	74.1	59.6	46.5	0	0	0	0	0
Carefree Ranch	78	12/19	40	12/11	69.4	58.6	48.6	0	0	0	0	0
City of Glendale	85	12/20	44	12/17	76.7	61.5	48.6	0	0	0	0	0
Crossroads Park	84	12/18	37	12/11	74.9	58.9	44.9	0	0	0	0	0
Desert Mountain School	81	12/18	33	12/16	72.4	55.8	40.3	0	0	0	0	0
Durango Complex	81	12/20	39	12/11	72.9	58.4	45.9	0	0	0	0	0
Ellsworth Channel DPC	81	12/18	37	12/28	72.4	55.1	40.5	0	0	0	0	0
EMF @ Arizona Ave.	82	12/20	31	12/11	74.3	56.5	40.4	0	0	0	1	0
Estrella Fan	80	12/19	42	12/16	72.0	59.4	47.6	0	0	0	0	0
Falcon Field	82	12/18	42	12/27	72.3	60.0	48.8	0	0	0	0	0
Fountain Hills Fire Dept.	82	12/2	41	12/27	73.5	59.6	49.0	0	0	0	0	0
G & F Woolsey Peak	69	12/19	48	12/10	64.5	61.0	56.2	0	0	0	0	0
GateWay Community College	85	12/20	43	12/11	74.9	60.7	49.2	0	0	0	0	0
Gila Bend Landfill	83	12/20	36	12/16	74.7	57.1	43.5	0	0	0	0	0
Gila Bend Mountains	78	12/3	45	12/11	71.5	63.3	54.5	0	0	0	0	0
Horseshoe Lake	82	12/19	37	12/11	74.6	58.1	44.7	0	0	0	0	0
Horsethief Basin	64	12/21	22	12/10	56.0	46.9	40.5	0	0	0	2	0
Humboldt Mountain	69	12/21	33	12/10	60.9	54.1	49.0	0	0	0	0	0
Jefferson Park	84	12/20	40	12/11	74.4	58.9	46.0	0	0	0	0	0
Jomax Rd. @ 70th St.	80	12/19	40	12/10	72.5	59.3	48.6	0	0	0	0	0
Kleinman Park	83	12/20	37	12/16	73.5	57.8	44.7	0	0	0	0	0
Lake Pleasant	83	12/18	46	12/27	73.5	61.9	53.3	0	0	0	0	0
Lake Pleasant North	81	12/18	46	12/27	73.0	61.5	52.6	0	0	0	0	0
Magma FRS	79	12/20	31	12/16	71.0	55.8	41.2	0	0	0	1	0
McMicken Dam	82	12/18	36	12/11	74.7	58.9	44.4	0	0	0	0	0
Mobile	79	12/20	31	12/11	72.7	55.6	39.7	0	0	0	2	0
Mt. Union	61	12/21	18	12/10	51.5	43.1	36.9	0	0	0	7	0
Osborn Rd. @ 64th St.	83	12/20	36	12/16	73.9	57.4	43.4	0	0	0	0	0
Phoenix Dam 2B	81	12/20	37	12/11	73.5	58.6	45.1	0	0	0	0	0
Rackensack Canyon	72	12/19	38	12/10	64.6	57.9	52.5	0	0	0	0	0
Saguaro Lake	84	12/21	40	12/30	75.2	58.9	46.4	0	0	0	0	0
South Mountain Fan	85	12/20	46	12/31	76.3	64.3	51.7	0	0	0	0	0
South Mountain Park	74	12/20	45	12/10	68.0	62.0	55.6	0	0	0	0	0
Sycamore Creek - Upper	67	12/19	31	12/10	58.4	51.4	45.8	0	0	0	1	0
Thompson Peak	76	12/20	40	12/10	67.1	58.8	51.9	0	0	0	0	0
Tiger Wash Fan	80	12/20	38	12/11	72.9	57.5	45.3	0	0	0	0	0
Usery Park WS	82	12/20	46	12/31	73.7	62.9	53.4	0	0	0	0	0
Wickenburg Airport	79	12/21	33	12/11	71.5	55.8	41.5	0	0	0	0	0

To retrieve the full suite of daily weather sensor statistics by month for the entire Water Year at each weather station use the following link: https://alert.fcd.maricopa.gov/alert/Wx/ws_WY_2025.xlsx

Table 5: January Weather & Climate Summary Report (Water Year 2025)

Weather Station	Maximum T		Minimum T		Mean Max T	Mean Min T	Mean T	Days ≥90°F	Days ≥100°F	Day ≥110°F	Days ≤32°F	Days Min T ≥90°F
	°F	Date	°F	Date	°F	°F	°F	Total	Total	Total	Total	Total
Aguila VFD	78	1/2	22	1/24	63.4	47.8	32.1	0	0	0	16	0
Bartlett Lake	81	1/3	33	1/26	65.5	51.8	39.8	0	0	0	0	0
Belmont Mountains	77	1/3	32	1/30	64.0	53.0	42.8	0	0	0	2	0
Buckeye FRS #1	77	1/3	31	1/22	67.1	52.7	38.6	0	0	0	2	0
Camelback Rd. @ Loop 303	76	1/3	35	1/11	66.4	54.3	43.1	0	0	0	0	0
Carefree Ranch	77	1/3	31	1/21	60.1	50.3	41.3	0	0	0	2	0
City of Glendale	81	1/3	37	1/22	69.3	55.7	43.5	0	0	0	0	0
Crossroads Park	80	1/3	32	1/14	66.3	53.4	40.8	0	0	0	1	0
Desert Mountain School	77	1/2	28	1/24	63.7	50.0	36.0	0	0	0	7	0
Durango Complex	79	1/3	34	1/22	65.5	52.5	40.6	0	0	0	0	0
Ellsworth Channel DPC	78	1/3	29	1/14	65.0	50.1	35.7	0	0	0	9	0
EMF @ Arizona Ave.	78	1/3	26	1/14	65.6	51.3	36.6	0	0	0	8	0
Estrella Fan	75	1/3	35	1/22	64.1	53.8	43.6	0	0	0	0	0
Falcon Field	79	1/3	36	1/11	64.2	53.3	43.1	0	0	0	0	0
Fountain Hills Fire Dept.	82	1/3	34	1/9	64.7	52.6	41.8	0	0	0	0	0
G & F Woolsey Peak	70	1/3	41	1/21	59.5	54.4	49.4	0	0	0	0	0
GateWay Community College	82	1/3	36	1/22	67.6	54.8	43.9	0	0	0	0	0
Gila Bend Landfill	78	1/3	29	1/14	67.6	52.3	38.9	0	0	0	2	0
Gila Bend Mountains	77	1/3	40	1/21	64.6	56.4	47.8	0	0	0	0	0
Horseshoe Lake	78	1/3	31	1/22	65.3	51.3	38.2	0	0	0	2	0
Horsethief Basin	63	1/2	15	1/21	44.7	35.7	28.3	0	0	0	23	0
Humboldt Mountain	68	1/2	25	1/21	51.7	44.0	38.2	0	0	0	5	0
Jefferson Park	78	1/3	33	1/14	66.1	53.1	41.2	0	0	0	0	0
Jomax Rd. @ 70th St.	79	1/3	33	1/9	63.6	51.9	41.6	0	0	0	0	0
Kleinman Park	78	1/3	31	1/14	65.4	51.8	40.1	0	0	0	1	0
Lake Pleasant	77	1/3	39	1/30	64.5	54.1	46.2	0	0	0	0	0
Lake Pleasant North	76	1/3	37	1/30	63.7	54.0	45.2	0	0	0	0	0
Magma FRS	79	1/3	24	1/14	61.3	49.0	35.8	0	0	0	6	0
McMicken Dam	78	1/2	33	1/23	67.0	53.1	39.3	0	0	0	0	0
Mobile	77	1/3	24	1/14	65.3	50.3	34.5	0	0	0	12	0
Mt. Union	58	1/2	12	1/21	39.8	31.6	24.6	0	0	0	28	0
Osborn Rd. @ 64th St.	79	1/3	32	1/22	66.3	51.8	38.9	0	0	0	3	0
Phoenix Dam 2B	78	1/3	31	1/22	65.5	52.5	39.2	0	0	0	1	0
Rackensack Canyon	73	1/3	30	1/21	54.6	48.0	42.4	0	0	0	1	0
Saguaro Lake	83	1/2	33	1/14	66.0	52.3	39.5	0	0	0	0	0
South Mountain Fan	82	1/3	40	1/22	68.9	57.8	45.9	0	0	0	0	0
South Mountain Park	73	1/3	38	1/21	60.2	53.7	47.1	0	0	0	0	0
Sycamore Creek - Upper	65	1/2	28	1/29	47.8	42.0	36.8	0	0	0	7	0
Thompson Peak	75	1/3	32	1/21	58.3	49.7	42.9	0	0	0	1	0
Tiger Wash Fan	77	1/3	29	1/21	65.3	51.7	38.8	0	0	0	2	0
Usery Park WS	81	1/3	38	1/11	64.7	54.6	45.5	0	0	0	0	0
Wickenburg Airport	78	1/2	28	1/24	62.9	49.5	35.2	0	0	0	11	0

To retrieve the full suite of daily weather sensor statistics by month for the entire Water Year at each weather station use the following link: https://alert.fcd.maricopa.gov/alert/Wx/ws_WY_2025.xlsx

Table 6: February Weather & Climate Summary Report (Water Year 2025)

Weather Station	Maximum T		Minimum T		Mean Max T	Mean Min T	Mean T	Days ≥90°F	Days ≥100°F	Day ≥110°F	Days ≤32°F	Days Min T ≥90°F
	°F	Date	°F	Date	°F	°F	°F	Total	Total	Total	Total	Total
Aguila VFD	85	2/26	35	2/1	73.3	58.0	42.3	0	0	0	0	0
Bartlett Lake	88	2/25	42	2/20	76.0	60.9	47.0	0	0	0	0	0
Belmont Mountains	89	2/26	44	2/12	74.2	62.9	51.8	0	0	0	0	0
Buckeye FRS #1	90	2/26	41	2/15	78.2	63.2	47.8	1	0	0	0	0
Camelback Rd. @ Loop 303	90	2/26	44	2/1	77.7	64.6	51.1	1	0	0	0	0
Carefree Ranch	81	2/26	41	2/15	70.0	59.9	49.7	0	0	0	0	0
City of Glendale	91	2/26	46	2/1	80.0	66.4	52.7	2	0	0	0	0
Crossroads Park	87	2/26	41	2/1	77.1	63.2	49.3	0	0	0	0	0
Desert Mountain School	86	2/26	39	2/15	74.2	60.0	44.9	0	0	0	0	0
Durango Complex	87	2/26	44	2/1	76.6	63.8	50.6	0	0	0	0	0
Ellsworth Channel DPC	86	2/25	39	2/1	76.1	60.3	45.3	0	0	0	0	0
EMF @ Arizona Ave.	89	2/26	38	2/1	78.8	61.9	46.9	0	0	0	0	0
Estrella Fan	87	2/26	45	2/15	76.0	63.7	50.9	0	0	0	0	0
Falcon Field	86	2/26	43	2/1	75.4	63.2	51.5	0	0	0	0	0
Fountain Hills Fire Dept.	86	2/26	43	2/1	75.6	62.3	49.8	0	0	0	0	0
G & F Woolsey Peak	78	2/26	50	2/12	68.2	62.4	57.0	0	0	0	0	0
GateWay Community College	88	2/26	47	2/1	78.2	65.1	53.1	0	0	0	0	0
Gila Bend Landfill	90	2/26	41	2/22	78.9	62.4	46.5	1	0	0	0	0
Gila Bend Mountains	89	2/26	47	2/12	76.7	66.5	57.0	0	0	0	0	0
Horseshoe Lake	89	2/26	42	2/16	77.7	61.0	46.8	0	0	0	0	0
Horsethief Basin	69	2/24	26	2/12	54.9	45.8	39.4	0	0	0	5	0
Humboldt Mountain	76	2/26	33	2/12	62.7	54.0	48.3	0	0	0	0	0
Jefferson Park	86	2/26	43	2/1	76.5	63.4	50.0	0	0	0	0	0
Jomax Rd. @ 70th St.	85	2/25	43	2/15	74.1	61.5	50.4	0	0	0	0	0
Kleinman Park	88	2/26	40	2/1	76.8	62.2	48.8	0	0	0	0	0
Lake Pleasant	88	2/26	46	2/15	75.5	63.3	52.9	0	0	0	0	0
Lake Pleasant North	85	2/26	46	2/11	73.9	62.8	52.6	0	0	0	0	0
Magma FRS	86	2/26	34	2/1	75.8	60.7	47.7	0	0	0	0	0
McMicken Dam	90	2/26	42	2/1	77.6	63.6	48.6	1	0	0	0	0
Mobile	89	2/25	38	2/1	77.3	60.8	43.8	0	0	0	0	0
Mt. Union	64	2/24	22	2/12	49.4	41.0	34.9	0	0	0	8	0
Osborn Rd. @ 64th St.	89	2/25	43	2/1	78.4	63.1	48.5	0	0	0	0	0
Phoenix Dam 2B	87	2/26	41	2/1	76.2	62.8	48.9	0	0	0	0	0
Rackensack Canyon	76	2/26	38	2/12	64.9	58.1	52.1	0	0	0	0	0
Saguaro Lake	88	2/26	42	2/1	77.6	61.2	47.3	0	0	0	0	0
South Mountain Fan	90	2/26	48	2/1	79.9	68.2	54.6	2	0	0	0	0
South Mountain Park	82	2/26	48	2/13	71.6	64.6	57.5	0	0	0	0	0
Sycamore Creek - Upper	73	2/24	31	2/12	60.6	52.5	46.2	0	0	0	1	0
Thompson Peak	78	2/26	42	2/13	67.8	60.1	53.1	0	0	0	0	0
Tiger Wash Fan	88	2/26	39	2/11	75.1	61.1	47.6	0	0	0	0	0
Usery Park WS	85	2/26	46	2/15	75.5	64.9	53.8	0	0	0	0	0
Wickenburg Airport	85	2/26	36	2/12	73.0	59.3	44.5	0	0	0	0	0

To retrieve the full suite of daily weather sensor statistics by month for the entire Water Year at each weather station use the following link: https://alert.fcd.maricopa.gov/alert/Wx/ws_WY_2025.xlsx

Table 7: March Weather & Climate Summary Report (Water Year 2025)

Weather Station	Maximum T		Minimum T		Mean Max T	Mean Min T	Mean T	Days ≥90°F	Days ≥100°F	Day ≥110°F	Days ≤32°F	Days Min T ≥90°F
	°F	Date	°F	Date	°F	°F	°F	Total	Total	Total	Total	Total
Aguila VFD	92	3/25	34	3/4	69.5	57.1	45.3	1	0	0	0	0
Bartlett Lake	96	3/25	39	3/4	75.0	62.0	49.3	2	0	0	0	0
Belmont Mountains	96	3/25	34	3/14	72.8	61.9	50.5	2	0	0	0	0
Buckeye FRS #1	99	3/25	39	3/14	77.9	65.0	50.7	4	0	0	0	0
Camelback Rd. @ Loop 303	99	3/25	45	3/4	78.4	67.7	55.7	4	0	0	0	0
Carefree Ranch	90	3/25	35	3/14	69.0	59.1	48.8	1	0	0	0	0
City of Glendale	102	3/25	46	3/14	80.2	68.4	56.3	5	1	0	0	0
Crossroads Park	97	3/25	44	3/20	77.3	65.3	52.3	4	0	0	0	0
Desert Mountain School	94	3/25	36	3/4	73.4	61.6	48.6	2	0	0	0	0
Durango Complex	98	3/25	44	3/14	77.0	66.0	54.5	4	0	0	0	0
Ellsworth Channel DPC	97	3/25	41	3/5	76.3	63.1	49.3	3	0	0	0	0
EMF @ Arizona Ave.	99	3/25	42	3/16	78.9	65.0	51.4	4	0	0	0	0
Estrella Fan	97	3/25	42	3/14	75.3	64.7	52.7	3	0	0	0	0
Falcon Field	96	3/25	42	3/14	75.4	64.6	53.9	3	0	0	0	0
Fountain Hills Fire Dept.	96	3/25	41	3/14	75.3	63.5	51.9	2	0	0	0	0
G & F Woolsey Peak	85	3/25	44	3/7	68.0	61.7	55.5	0	0	0	0	0
GateWay Community College	99	3/25	45	3/15	78.1	66.6	55.2	4	0	0	0	0
Gila Bend Landfill	101	3/25	42	3/8	79.1	65.4	51.3	5	1	0	0	0
Gila Bend Mountains	97	3/25	40	3/14	75.7	65.6	55.5	3	0	0	0	0
Horseshoe Lake	96	3/25	40	3/4	75.8	62.2	48.9	4	0	0	0	0
Horsethief Basin	76	3/25	18	3/14	51.6	43.0	35.9	0	0	0	12	0
Humboldt Mountain	80	3/25	29	3/14	59.4	51.4	44.4	0	0	0	6	0
Jefferson Park	97	3/25	43	3/14	76.2	64.8	52.8	3	0	0	0	0
Jomax Rd. @ 70th St.	95	3/25	39	3/14	73.3	61.8	51.0	2	0	0	0	0
Kleinman Park	98	3/25	42	3/14	76.8	64.4	52.3	4	0	0	0	0
Lake Pleasant	96	3/25	39	3/14	74.8	63.6	53.1	2	0	0	0	0
Lake Pleasant North	95	3/25	42	3/8	73.4	63.0	53.7	2	0	0	0	0
Magma FRS	97	3/25	41	3/9	76.4	63.2	51.2	4	0	0	0	0
McMicken Dam	95	3/25	39	3/4	75.1	63.1	49.6	3	0	0	0	0
Mobile	98	3/25	40	3/19	77.0	63.5	49.1	4	0	0	0	0
Mt. Union	69	3/25	19	3/14	46.5	38.2	31.7	0	0	0	16	0
Osborn Rd. @ 64th St.	98	3/25	42	3/14	77.6	64.5	51.4	4	0	0	0	0
Phoenix Dam 2B	98	3/25	43	3/14	75.8	64.2	51.7	3	0	0	0	0
Rackensack Canyon	86	3/25	31	3/14	62.8	55.3	47.8	0	0	0	1	0
Saguaro Lake	98	3/25	41	3/4	76.8	63.2	50.3	4	0	0	0	0
South Mountain Fan	100	3/25	46	3/8	79.6	69.3	57.6	5	1	0	0	0
South Mountain Park	92	3/25	41	3/15	72.2	63.7	55.3	1	0	0	0	0
Sycamore Creek - Upper	78	3/25	29	3/8	58.3	50.3	43.3	0	0	0	3	0
Thompson Peak	89	3/25	34	3/14	66.8	58.0	49.7	0	0	0	0	0
Tiger Wash Fan	94	3/25	37	3/14	73.8	61.9	49.6	3	0	0	0	0
Usery Park WS	95	3/25	41	3/14	74.9	64.9	54.5	2	0	0	0	0
Wickenburg Airport	92	3/25	35	3/14	71.3	59.5	46.5	1	0	0	0	0

To retrieve the full suite of daily weather sensor statistics by month for the entire Water Year at each weather station use the following link: https://alert.fcd.maricopa.gov/alert/Wx/ws_WY_2025.xlsx

Table 8: April Weather & Climate Summary Report (Water Year 2025)

Weather Station	Maximum T		Minimum T		Mean Max T	Mean Min T	Mean T	Days ≥90°F	Days ≥100°F	Day ≥110°F	Days ≤32°F	Days Min T ≥90°F
	°F	Date	°F	Date	°F	°F	°F	Total	Total	Total	Total	Total
Aguila VFD	94	4/11	39	4/3	78.8	65.5	49.3	4	0	0	0	0
Bartlett Lake	98	4/11	45	4/3	82.5	68.8	53.7	6	0	0	0	0
Belmont Mountains	98	4/11	41	4/3	82.1	70.8	57.4	5	0	0	0	0
Buckeye FRS #1	101	4/11	45	4/4	85.5	72.1	55.9	15	2	0	0	0
Camelback Rd. @ Loop 303	101	4/11	50	4/19	85.8	74.6	60.5	15	1	0	0	0
Carefree Ranch	92	4/11	40	4/19	75.8	65.4	53.1	2	0	0	0	0
City of Glendale	102	4/11	51	4/3	87.3	75.6	61.9	15	3	0	0	0
Crossroads Park	99	4/11	48	4/3	84.5	72.5	58.2	11	0	0	0	0
Desert Mountain School	96	4/11	44	4/19	80.7	68.3	52.3	4	0	0	0	0
Durango Complex	100	4/11	50	4/3	84.6	73.5	61.1	12	1	0	0	0
Ellsworth Channel DPC	98	4/11	43	4/3	83.3	70.4	54.7	8	0	0	0	0
EMF @ Arizona Ave.	101	4/11	42	4/3	86.0	72.4	57.9	14	2	0	0	0
Estrella Fan	99	4/11	43	4/3	82.9	71.7	58.2	9	0	0	0	0
Falcon Field	97	4/11	48	4/3	82.4	71.7	59.7	6	0	0	0	0
Fountain Hills Fire Dept.	98	4/11	45	4/3	82.8	70.2	56.2	8	0	0	0	0
G & F Woolsey Peak	86	4/11	49	4/19	74.1	67.3	60.5	0	0	0	0	0
GateWay Community College	100	4/11	50	4/3	85.2	73.8	61.7	14	1	0	0	0
Gila Bend Landfill	102	4/11	46	4/3	87.0	72.4	56.0	15	3	0	0	0
Gila Bend Mountains	101	4/11	46	4/3	84.9	73.1	61.7	13	1	0	0	0
Horseshoe Lake	99	4/11	43	4/2	83.1	68.9	54.0	7	0	0	0	0
Horsethief Basin	77	4/10	25	4/19	59.4	49.8	42.6	0	0	0	6	0
Humboldt Mountain	83	4/11	34	4/18	66.1	57.9	51.2	0	0	0	0	0
Jefferson Park	95	4/12	47	4/3	82.1	71.3	58.5	6	0	0	0	0
Jomax Rd. @ 70th St.	97	4/11	44	4/19	80.9	68.5	54.9	4	0	0	0	0
Kleinman Park	101	4/11	49	4/3	86.2	74.0	60.6	15	2	0	0	0
Lake Pleasant	99	4/11	47	4/19	82.3	70.7	59.0	8	0	0	0	0
Lake Pleasant North	96	4/11	48	4/19	81.0	70.2	59.4	4	0	0	0	0
Magma FRS	100	4/11	45	4/3	84.1	70.3	56.8	12	1	0	0	0
McMicken Dam	96	4/11	41	4/4	82.0	69.8	54.1	4	0	0	0	0
Mobile	101	4/11	44	4/5	84.9	71.0	54.4	14	2	0	0	0
Mt. Union	71	4/10	21	4/19	53.3	44.4	37.7	0	0	0	10	0
Osborn Rd. @ 64th St.	101	4/11	47	4/3	85.1	71.7	56.7	13	1	0	0	0
Phoenix Dam 2B	98	4/11	45	4/3	82.9	70.9	56.5	7	0	0	0	0
Rackensack Canyon	86	4/11	38	4/19	70.0	62.4	54.9	0	0	0	0	0
Saguaro Lake	100	4/11	48	4/5	84.5	70.5	55.8	11	1	0	0	0
South Mountain Fan	102	4/11	50	4/3	87.0	76.2	63.1	15	3	0	0	0
South Mountain Park	96	4/11	46	4/3	80.2	71.1	62.3	4	0	0	0	0
Sycamore Creek - Upper	80	4/11	30	4/2	63.5	55.1	47.8	0	0	0	3	0
Thompson Peak	90	4/11	40	4/19	74.4	65.1	56.8	1	0	0	0	0
Tiger Wash Fan	97	4/11	40	4/4	81.6	68.7	53.5	5	0	0	0	0
Usery Park WS	98	4/11	46	4/19	82.2	71.6	59.5	8	0	0	0	0
Wickenburg Airport	95	4/10	37	4/4	79.0	66.4	50.6	4	0	0	0	0

To retrieve the full suite of daily weather sensor statistics by month for the entire Water Year at each weather station use the following link: https://alert.fcd.maricopa.gov/alert/Wx/ws_WY_2025.xlsx

Table 9: May Weather & Climate Summary Report (Water Year 2025)

Weather Station	Maximum T		Minimum T		Mean Max T	Mean Min T	Mean T	Days ≥90°F	Days ≥100°F	Day ≥110°F	Days ≤32°F	Days Min T ≥90°F
	°F	Date	°F	Date	°F	°F	°F	Total	Total	Total	Total	Total
Aguila VFD	99	5/31	50	5/14	88.0	75.7	59.0	16	0	0	0	0
Bartlett Lake	102	5/30	55	5/5	91.2	78.9	63.9	21	3	0	0	0
Belmont Mountains	102	5/30	55	5/14	92.4	80.8	65.9	16	3	0	0	0
Buckeye FRS #1	105	5/22	58	5/15	94.5	81.7	65.8	24	9	0	0	0
Camelback Rd. @ Loop 303	105	5/22	61	5/6	94.8	84.4	70.6	24	11	0	0	0
Carefree Ranch	96	5/30	50	5/5	84.9	74.8	61.6	12	0	0	0	0
City of Glendale	106	5/30	60	5/5	96.5	85.5	72.5	25	13	0	0	0
Crossroads Park	104	5/22	57	5/5	93.1	81.4	66.9	23	7	0	0	0
Desert Mountain School	101	5/30	53	5/15	90.0	78.1	61.7	19	2	0	0	0
Durango Complex	105	5/22	59	5/5	93.9	83.4	70.7	23	10	0	0	0
Ellsworth Channel DPC	104	5/22	52	5/5	92.5	79.7	64.1	22	7	0	0	0
EMF @ Arizona Ave.	105	5/22	53	5/5	94.5	81.4	65.0	24	12	0	0	0
Estrella Fan	103	5/22	56	5/6	91.7	81.0	68.2	23	6	0	0	0
Falcon Field	102	5/22	57	5/5	91.1	81.0	69.5	21	2	0	0	0
Fountain Hills Fire Dept.	102	5/30	57	5/5	91.8	80.2	66.0	22	4	0	0	0
G & F Woolsey Peak	89	5/22	53	5/5	81.0	74.1	67.3	0	0	0	0	0
GateWay Community College	105	5/22	58	5/5	94.1	83.5	71.0	23	10	0	0	0
Gila Bend Landfill	107	5/22	58	5/15	95.8	82.1	65.4	24	13	0	0	0
Gila Bend Mountains	105	5/11	55	5/14	93.3	81.8	69.6	23	8	0	0	0
Horseshoe Lake	106	5/30	51	5/5	92.8	78.9	63.5	22	7	0	0	0
Horsethief Basin	88	5/31	35	5/4	70.1	59.9	52.1	0	0	0	0	0
Humboldt Mountain	89	5/30	43	5/5	75.7	67.0	59.7	0	0	0	0	0
Jefferson Park	102	5/29	57	5/5	91.3	80.6	68.1	21	4	0	0	0
Jomax Rd. @ 70th St.	100	5/30	57	5/15	91.4	79.3	64.9	19	1	0	0	0
Kleinman Park	105	5/30	58	5/5	95.1	83.6	70.5	25	13	0	0	0
Lake Pleasant	104	5/30	52	5/5	92.0	81.0	68.4	21	5	0	0	0
Lake Pleasant North	100	5/30	54	5/5	90.9	80.5	69.4	21	2	0	0	0
Magma FRS	104	5/22	55	5/15	92.7	79.5	64.7	23	7	0	0	0
McMicken Dam	102	5/30	54	5/5	90.9	79.8	65.5	21	3	0	0	0
Mobile	106	5/22	54	5/5	92.9	79.8	63.0	23	8	0	0	0
Mt. Union	79	5/31	32	5/5	63.0	54.2	47.0	0	0	0	2	0
Osborn Rd. @ 64th St.	105	5/22	57	5/5	94.3	81.6	66.9	23	10	0	0	0
Phoenix Dam 2B	102	5/30	55	5/5	91.9	80.9	67.0	22	3	0	0	0
Rackensack Canyon	90	5/30	46	5/5	79.2	71.8	63.8	1	0	0	0	0
Saguaro Lake	104	5/22	58	5/15	92.9	79.8	64.8	23	8	0	0	0
South Mountain Fan	106	5/23	61	5/5	96.3	86.3	74.0	21	14	0	0	0
South Mountain Park	101	5/22	54	5/5	89.5	80.1	70.4	17	1	0	0	0
Sycamore Creek - Upper	86	5/31	40	5/5	72.5	64.1	56.4	0	0	0	0	0
Thompson Peak	94	5/9	48	5/5	83.1	74.1	65.4	8	0	0	0	0
Tiger Wash Fan	101	5/31	53	5/5	90.3	78.4	63.2	20	4	0	0	0
Usery Park WS	102	5/22	55	5/5	91.2	80.8	68.9	21	2	0	0	0
Wickenburg Airport	100	5/30	52	5/15	88.1	76.3	60.4	16	1	0	0	0

To retrieve the full suite of daily weather sensor statistics by month for the entire Water Year at each weather station use the following link: https://alert.fcd.maricopa.gov/alert/Wx/ws_WY_2025.xlsx

Table 10: June Weather & Climate Summary Report (Water Year 2025)

Weather Station	Maximum T		Minimum T		Mean Max T	Mean Min T	Mean T	Days ≥90°F	Days ≥100°F	Day ≥110°F	Days ≤32°F	Days Min T ≥90°F
	°F	Date	°F	Date	°F	°F	°F	Total	Total	Total	Total	Total
Aguila VFD	110	6/30	62	6/25	99.2	86.1	67.5	28	16	1	0	0
Bartlett Lake	113	6/30	62	6/2	102.5	89.5	72.7	28	22	4	0	0
Belmont Mountains	112	6/30	64	6/2	102.2	91.0	76.2	28	20	6	0	1
Buckeye FRS #1	116	6/30	66	6/25	105.3	91.5	72.9	29	24	8	0	0
Camelback Rd. @ Loop 303	117	6/30	69	6/2	106.0	95.0	79.5	30	25	9	0	0
Carefree Ranch	107	6/30	57	6/2	95.4	85.0	70.5	26	8	0	0	0
City of Glendale	118	6/30	69	6/2	107.5	96.0	81.7	30	26	11	0	1
Crossroads Park	114	6/30	69	6/2	104.3	91.9	75.8	28	24	6	0	0
Desert Mountain School	112	6/30	61	6/2	100.7	88.0	70.2	28	19	2	0	0
Durango Complex	116	6/30	67	6/2	105.5	94.1	80.1	29	25	6	0	0
Ellsworth Channel DPC	113	6/30	66	6/2	103.4	90.4	73.4	28	24	5	0	0
EMF @ Arizona Ave.	116	6/30	67	6/8	106.1	91.9	73.5	30	26	8	0	0
Estrella Fan	114	6/19	65	6/2	103.8	92.0	77.2	28	24	6	0	0
Falcon Field	113	6/19	64	6/2	102.5	91.4	78.4	28	22	6	0	0
Fountain Hills Fire Dept.	114	6/30	62	6/2	103.2	91.3	74.7	28	23	5	0	0
G & F Woolsey Peak	98	6/19	62	6/2	89.9	82.5	75.4	18	0	0	0	0
GateWay Community College	115	6/19	67	6/2	105.1	93.8	80.2	28	25	6	0	0
Gila Bend Landfill	118	6/19	67	6/25	107.1	92.6	74.0	29	26	13	0	0
Gila Bend Mountains	117	6/30	66	6/2	105.2	92.8	79.5	29	25	7	0	2
Horseshoe Lake	115	6/30	62	6/2	104.0	90.6	73.5	29	23	7	0	0
Horsethief Basin	94	6/30	45	6/2	80.7	71.0	63.4	2	0	0	0	0
Humboldt Mountain	98	6/29	50	6/2	86.6	78.0	70.9	10	0	0	0	0
Jefferson Park	112	6/30	67	6/2	102.6	90.8	76.9	28	23	5	0	0
Jomax Rd. @ 70th St.	112	6/30	61	6/2	100.9	88.0	72.6	28	20	4	0	0
Kleinman Park	117	6/19	68	6/2	106.5	93.9	78.7	29	26	10	0	0
Lake Pleasant	114	6/30	64	6/2	103.2	91.5	78.0	28	22	6	0	0
Lake Pleasant North	113	6/30	66	6/2	101.5	90.4	78.3	28	20	3	0	0
Magma FRS	114	6/19	65	6/2	103.7	90.3	74.1	29	25	5	0	0
McMicken Dam	113	6/30	64	6/2	102.3	90.3	74.1	28	20	6	0	0
Mobile	116	6/19	65	6/25	104.8	91.5	72.9	28	25	6	0	0
Mt. Union	85	6/30	46	6/2	75.6	66.1	59.0	0	0	0	0	0
Osborn Rd. @ 64th St.	116	6/30	66	6/2	105.6	92.1	75.4	28	25	8	0	0
Phoenix Dam 2B	113	6/30	63	6/2	102.7	91.3	75.1	28	23	6	0	0
Rackensack Canyon	101	6/30	55	6/2	90.2	83.1	75.1	19	2	0	0	0
Saguaro Lake	114	6/19	65	6/2	103.9	90.6	74.4	29	24	6	0	0
South Mountain Fan	118	6/19	70	6/2	107.4	96.7	83.8	30	26	12	0	3
South Mountain Park	111	6/19	64	6/2	100.8	90.8	80.4	28	20	2	0	1
Sycamore Creek - Upper	96	6/30	50	6/2	84.9	76.2	68.4	7	0	0	0	0
Thompson Peak	105	6/30	56	6/2	94.2	84.9	76.4	24	6	0	0	0
Tiger Wash Fan	111	6/30	66	6/25	101.7	88.9	72.2	28	20	3	0	0
Usery Park WS	113	6/30	63	6/2	102.6	91.7	77.8	28	21	5	0	0
Wickenburg Airport	110	6/30	62	6/25	99.7	87.3	68.9	28	19	1	0	0

To retrieve the full suite of daily weather sensor statistics by month for the entire Water Year at each weather station use the following link: https://alert.fcd.maricopa.gov/alert/Wx/ws_WY_2025.xlsx

Table 11: July Weather & Climate Summary Report (Water Year 2025)

Weather Station	Maximum T		Minimum T		Mean Max T	Mean Min T	Mean T	Days ≥90°F	Days ≥100°F	Day ≥110°F	Days ≤32°F	Days Min T ≥90°F
	°F	Date	°F	Date	°F	°F	°F	Total	Total	Total	Total	Total
Aguila VFD	110	7/10	64	7/25	101.3	89.5	73.5	31	20	2	0	0
Bartlett Lake	115	7/9	71	7/26	104.6	93.5	79.9	31	25	4	0	0
Belmont Mountains	113	7/9	73	7/17	103.7	93.7	82.3	25	20	2	0	2
Buckeye FRS #1	117	7/9	72	7/26	107.4	94.9	80.2	25	24	8	0	1
Camelback Rd. @ Loop 303	118	7/9	77	7/26	107.7	98.3	86.5	31	30	11	0	9
Carefree Ranch	109	7/9	68	7/3	97.7	87.9	75.7	29	11	0	0	0
City of Glendale	119	7/9	79	7/26	109.1	99.3	87.7	31	30	13	0	13
Crossroads Park	115	7/9	73	7/26	105.6	95.0	82.3	31	28	4	0	2
Desert Mountain School	114	7/9	67	7/26	102.5	91.9	77.4	31	23	1	0	0
Durango Complex	117	7/9	78	7/24	106.7	97.1	86.1	31	29	8	0	6
Ellsworth Channel DPC	116	7/9	72	7/27	104.6	93.7	80.0	31	26	3	0	0
EMF @ Arizona Ave.	117	7/9	70	7/24	107.2	95.3	80.6	31	29	12	0	1
Estrella Fan	115	7/9	75	7/3	104.8	94.9	83.0	31	26	4	0	2
Falcon Field	113	7/9	75	7/3	103.5	94.2	83.8	31	25	2	0	2
Fountain Hills Fire Dept.	115	7/9	73	7/26	104.6	94.5	81.8	31	25	4	0	0
G & F Woolsey Peak	98	7/9	67	7/17	91.2	84.2	77.2	23	0	0	0	0
GateWay Community College	116	7/9	77	7/2	106.7	96.8	85.6	31	29	9	0	6
Gila Bend Landfill	114	7/10	73	7/26	108.0	95.7	80.9	23	23	9	0	0
Gila Bend Mountains	118	7/9	73	7/17	107.6	95.5	82.9	31	31	10	0	1
Horseshoe Lake	116	7/9	73	7/25	106.0	93.9	80.2	31	29	8	0	0
Horsethief Basin	94	7/9	55	7/16	82.5	73.2	65.6	1	0	0	0	0
Humboldt Mountain	100	7/9	62	7/17	89.3	79.9	72.1	16	1	0	0	0
Jefferson Park	114	7/9	75	7/27	104.0	94.0	82.8	31	26	2	0	1
Jomax Rd. @ 70th St.	114	7/9	72	7/26	103.1	91.7	78.7	31	24	1	0	0
Kleinman Park	118	7/9	76	7/24	107.7	97.1	85.0	31	29	12	0	4
Lake Pleasant	117	7/9	75	7/3	105.4	94.9	82.9	31	27	5	0	0
Lake Pleasant North	113	7/9	76	7/16	103.7	94.0	83.7	31	28	1	0	1
Magma FRS	112	7/9	71	7/25	104.3	92.7	80.1	31	26	4	0	0
McMicken Dam	115	7/9	72	7/26	104.2	93.9	80.8	31	26	2	0	2
Mobile	115	7/9	71	7/24	105.6	94.0	79.4	31	27	5	0	1
Mt. Union	88	7/9	53	7/16	79.5	69.7	61.9	0	0	0	0	0
Osborn Rd. @ 64th St.	118	7/9	74	7/25	107.0	95.5	82.0	31	28	11	0	1
Phoenix Dam 2B	115	7/9	71	7/25	104.2	94.4	81.8	31	26	2	0	1
Rackensack Canyon	102	7/9	67	7/3	91.1	83.9	75.7	20	1	0	0	0
Saguaro Lake	115	7/9	73	7/26	105.3	94.1	81.8	31	27	5	0	0
South Mountain Fan	118	7/9	77	7/3	108.2	99.1	88.7	31	29	13	0	14
South Mountain Park	111	7/9	71	7/3	101.6	92.8	83.3	30	23	1	0	2
Sycamore Creek - Upper	96	7/9	60	7/16	86.0	77.3	68.9	6	0	0	0	0
Thompson Peak	105	7/9	67	7/3	95.6	86.8	78.4	29	5	0	0	0
Tiger Wash Fan	114	7/9	70	7/23	103.6	91.8	77.5	31	27	2	0	0
Usery Park WS	114	7/9	73	7/3	103.7	94.3	83.0	31	24	2	0	1
Wickenburg Airport	111	7/9	68	7/25	101.7	90.7	76.1	31	22	2	0	0

To retrieve the full suite of daily weather sensor statistics by month for the entire Water Year at each weather station use the following link: https://alert.fcd.maricopa.gov/alert/Wx/ws_WY_2025.xlsx

Table 12: August Weather & Climate Summary Report (Water Year 2025)

Weather Station	Maximum T		Minimum T		Mean Max T	Mean Min T	Mean T	Days ≥90°F	Days ≥100°F	Day ≥110°F	Days ≤32°F	Days Min T ≥90°F
	°F	Date	°F	Date	°F	°F	°F	Total	Total	Total	Total	Total
Aguila VFD	112	8/7	66	8/17	102.9	90.6	75.4	30	22	2	0	0
Bartlett Lake	116	8/7	72	8/29	106.4	94.4	80.6	31	27	8	0	1
Belmont Mountains	117	8/7	73	8/25	106.4	95.2	82.8	31	28	8	0	3
Buckeye FRS #1	118	8/7	72	8/3	109.0	96.3	81.3	31	30	16	0	1
Camelback Rd. @ Loop 303	119	8/7	78	8/25	109.8	99.7	87.3	31	30	19	0	13
Carefree Ranch	109	8/7	67	8/15	99.3	89.3	77.0	30	18	0	0	0
City of Glendale	120	8/7	79	8/25	110.8	100.4	88.5	31	31	20	0	17
Crossroads Park	116	8/7	75	8/29	107.1	96.1	83.3	31	30	10	0	2
Desert Mountain School	114	8/7	69	8/3	104.4	93.2	79.1	31	25	3	0	0
Durango Complex	117	8/7	75	8/25	108.2	98.0	86.8	31	30	14	0	12
Ellsworth Channel DPC	115	8/7	73	8/29	105.9	94.3	80.6	31	27	6	0	0
EMF @ Arizona Ave.	117	8/7	74	8/15	108.9	96.3	81.6	31	30	17	0	0
Estrella Fan	115	8/7	75	8/26	106.9	96.4	84.3	31	30	10	0	4
Falcon Field	114	8/7	74	8/29	104.9	95.4	84.9	31	26	5	0	4
Fountain Hills Fire Dept.	116	8/7	73	8/15	106.5	95.5	82.5	31	28	7	0	0
G & F Woolsey Peak	100	8/7	69	8/26	92.3	85.4	79.0	22	1	0	0	0
GateWay Community College	117	8/7	74	8/25	108.2	97.9	86.5	31	30	15	0	13
Gila Bend Landfill	118	8/7	74	8/17	109.8	97.3	82.9	31	30	20	0	2
Gila Bend Mountains	119	8/7	76	8/25	109.5	97.1	85.3	31	30	18	0	5
Horseshoe Lake	112	8/21	72	8/15	105.9	92.4	78.4	23	20	5	0	0
Horsethief Basin	93	8/20	56	8/25	85.2	75.0	66.8	5	0	0	0	0
Humboldt Mountain	103	8/7	62	8/15	91.6	81.5	73.9	23	1	0	0	0
Jefferson Park	114	8/7	72	8/29	105.6	95.0	83.3	31	29	6	0	0
Jomax Rd. @ 70th St.	115	8/7	71	8/26	104.7	92.9	80.1	31	25	4	0	0
Kleinman Park	118	8/7	77	8/15	109.4	98.2	86.0	31	30	18	0	11
Lake Pleasant	117	8/7	75	8/14	107.2	96.0	84.1	31	30	10	0	3
Lake Pleasant North	116	8/7	74	8/26	105.9	95.4	84.8	31	28	6	0	6
Magma FRS	116	8/7	73	8/26	105.6	93.9	81.5	31	27	6	0	0
McMicken Dam	115	8/7	74	8/26	106.3	95.1	82.3	31	27	7	0	3
Mobile	116	8/7	73	8/27	107.6	95.8	81.4	25	22	11	0	0
Mt. Union	90	8/7	51	8/27	81.1	71.1	62.9	1	0	0	0	0
Osborn Rd. @ 64th St.	118	8/7	76	8/26	108.8	96.9	83.3	31	30	16	0	3
Phoenix Dam 2B	115	8/7	73	8/26	106.1	95.5	82.9	31	28	7	0	1
Rackensack Canyon	101	8/7	64	8/29	92.0	84.5	76.4	22	1	0	0	0
Saguaro Lake	116	8/7	72	8/29	106.8	94.7	81.6	31	30	10	0	0
South Mountain Fan	119	8/7	76	8/15	110.9	101.0	90.1	29	29	19	0	18
South Mountain Park	111	8/7	70	8/15	103.1	93.9	84.4	31	23	2	0	6
Sycamore Creek - Upper	98	8/7	59	8/29	88.0	79.1	70.9	12	0	0	0	0
Thompson Peak	108	8/7	65	8/15	97.3	88.1	79.5	29	11	0	0	2
Tiger Wash Fan	114	8/7	70	8/17	105.5	93.6	79.9	31	26	7	0	1
Usery Park WS	115	8/7	70	8/29	105.1	94.8	83.3	31	26	5	0	3
Wickenburg Airport	112	8/7	69	8/3	103.5	92.1	78.2	31	22	3	0	0

To retrieve the full suite of daily weather sensor statistics by month for the entire Water Year at each weather station use the following link: https://alert.fcd.maricopa.gov/alert/Wx/ws_WY_2025.xlsx

Table 13: September Weather & Climate Summary Report (Water Year 2025)

Weather Station	Maximum T		Minimum T		Mean Max T	Mean Min T	Mean T	Days ≥90°F	Days ≥100°F	Day ≥110°F	Days ≤32°F	Days Min T ≥90°F
	°F	Date	°F	Date	°F	°F	°F	Total	Total	Total	Total	Total
Aguila VFD	100	9/16	59	9/29	92.7	80.8	68.5	23	3	0	0	0
Bartlett Lake	105	9/1	65	9/29	97.0	85.0	73.7	25	12	0	0	0
Belmont Mountains	106	9/1	63	9/27	95.8	85.2	73.5	25	9	0	0	0
Buckeye FRS #1	105	9/25	65	9/28	98.2	86.9	75.1	27	14	0	0	0
Camelback Rd. @ Loop 303	107	9/25	72	9/28	100.6	90.6	80.0	29	19	0	0	0
Carefree Ranch	99	9/1	62	9/27	90.9	81.0	71.0	20	0	0	0	0
City of Glendale	110	9/24	70	9/26	102.1	91.9	81.0	30	21	1	0	2
Crossroads Park	108	9/2	68	9/29	98.9	88.1	76.9	28	16	0	0	0
Desert Mountain School	103	9/2	65	9/29	94.9	84.4	72.1	25	8	0	0	0
Durango Complex	107	9/25	68	9/27	99.6	89.6	79.6	28	18	0	0	0
Ellsworth Channel DPC	107	9/2	67	9/29	98.0	86.5	75.1	26	12	0	0	0
EMF @ Arizona Ave.	108	9/25	67	9/29	100.7	87.9	75.3	29	20	0	0	0
Estrella Fan	106	9/25	67	9/28	97.8	87.8	77.3	28	12	0	0	0
Falcon Field	105	9/24	66	9/26	97.1	87.2	78.0	27	11	0	0	0
Fountain Hills Fire Dept.	105	9/1	64	9/26	97.6	86.8	76.0	27	12	0	0	0
G & F Woolsey Peak	91	9/1	65	9/27	85.3	78.6	72.7	4	0	0	0	0
GateWay Community College	108	9/24	67	9/26	99.9	89.5	79.2	27	18	0	0	0
Gila Bend Landfill	110	9/24	67	9/14	101.5	89.2	76.7	30	22	1	0	0
Gila Bend Mountains	106	9/16	69	9/27	99.0	88.0	78.0	29	15	0	0	0
Horseshoe Lake	105	9/2	62	9/29	96.7	83.8	72.0	25	12	0	0	0
Horsethief Basin	86	9/3	48	9/28	74.2	65.2	58.6	0	0	0	0	0
Humboldt Mountain	91	9/1	55	9/27	81.4	73.0	66.6	2	0	0	0	0
Jefferson Park	106	9/2	67	9/29	97.7	87.3	77.0	27	13	0	0	0
Jomax Rd. @ 70th St.	103	9/24	59	9/27	95.7	84.4	73.5	25	10	0	0	0
Kleinman Park	108	9/24	69	9/26	100.6	89.8	79.0	29	19	0	0	0
Lake Pleasant	106	9/2	68	9/26	97.4	86.9	77.1	26	13	0	0	0
Lake Pleasant North	105	9/24	70	9/27	97.0	87.2	77.8	26	11	0	0	0
Magma FRS	107	9/2	66	9/28	97.8	86.2	75.4	26	13	0	0	0
McMicken Dam	104	9/24	65	9/29	96.7	85.6	74.1	26	10	0	0	0
Mobile	104	9/25	63	9/27	97.8	85.5	73.5	28	12	0	0	0
Mt. Union	80	9/1	46	9/28	69.9	61.6	55.5	0	0	0	0	0
Osborn Rd. @ 64th St.	107	9/25	66	9/26	100.2	88.3	76.1	27	19	0	0	0
Phoenix Dam 2B	106	9/24	66	9/27	97.3	86.4	74.6	26	11	0	0	0
Rackensack Canyon	92	9/2	58	9/27	83.4	75.9	69.2	2	0	0	0	0
Saguaro Lake	107	9/24	67	9/29	98.9	87.1	76.3	27	15	0	0	0
South Mountain Fan	109	9/1	67	9/27	99.1	89.1	79.3	21	11	0	0	2
South Mountain Park	102	9/25	64	9/26	94.1	85.3	76.7	25	6	0	0	0
Sycamore Creek - Upper	85	9/10	54	9/26	78.4	70.2	63.6	0	0	0	0	0
Thompson Peak	99	9/24	58	9/26	89.5	80.4	72.3	15	0	0	0	0
Tiger Wash Fan	102	9/24	64	9/29	95.2	84.3	72.7	26	8	0	0	0
Usery Park WS	104	9/24	65	9/26	96.7	86.7	76.5	27	11	0	0	0
Wickenburg Airport	99	9/25	62	9/13	92.8	82.2	70.6	23	0	0	0	0

To retrieve the full suite of daily weather sensor statistics by month for the entire Water Year at each weather station use the following link: https://alert.fcd.maricopa.gov/alert/Wx/ws_WY_2025.xlsx

Weather & Climate Data Completeness Report (Water Year 2025)

Weather Station	Water Year	October	November	December	January	February	March	April	May	June	July	August	September
	Data Completeness (%)												
ALERT Network (All)	95.8	95.8	95.2	95.3	89.9	95.8	94.5	95.5	96.2	97.2	97.8	98.0	98.6
Aguila VFD	90.7	93.2	97.0	91.5	84.2	94.3	66.3	87.9	96.1	94.2	94.8	95.0	94.5
Bartlett Lake	93.7	94.6	94.6	91.6	88.5	94.5	93.1	94.9	95.0	91.9	96.3	94.2	95.3
Belmont Mountains	92.4	97.3	98.3	84.7	90.6	99.2	99.2	86.5	84.9	95.4	78.6	97.6	97.6
Buckeye FRS #1	95.0	98.4	97.5	96.3	85.5	91.9	97.8	97.8	98.2	97.2	83.9	99.1	97.0
Camelback Rd. @ Loop 303	89.0	97.8	96.9	92.2	64.7	94.8	80.4	78.3	92.0	91.6	94.4	94.1	91.5
Carefree Ranch	99.7	99.9	99.3	100.0	98.3	100.0	99.5	100.0	99.9	99.9	100.0	100.0	100.0
City of Glendale	99.5	99.5	99.2	99.7	98.2	99.8	99.7	99.7	99.8	99.6	99.2	99.9	100.0
Crossroads Park	94.6	96.7	96.7	94.4	83.1	95.1	93.0	93.8	91.2	92.7	99.0	99.9	100.0
Desert Mountain School	91.1	94.1	85.7	88.1	88.7	86.3	76.3	83.4	94.7	98.5	99.0	99.7	98.7
Durango Complex	98.0	96.4	94.8	95.1	96.0	97.2	98.3	99.1	99.6	99.7	100.0	100.0	100.0
Ellsworth Channel DPC	76.7	0.0	0.0	44.8	90.6	99.2	99.5	98.8	98.5	92.0	99.0	99.7	99.9
EMF @ Arizona Ave.	89.1	99.7	99.0	100.2	62.3	71.0	74.2	78.6	92.1	95.2	98.7	98.6	98.3
Estrella Fan	98.2	98.6	98.3	97.8	92.6	99.4	99.1	99.2	99.2	97.1	98.9	98.8	99.2
Falcon Field	98.1	99.2	98.8	97.3	91.8	99.6	99.1	98.0	98.3	96.7	99.6	99.6	99.5
Fountain Hills Fire Dept.	99.9	100.0	100.0	100.0	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G & F Woolsey Peak	98.5	97.8	98.5	98.0	93.3	99.2	99.1	99.2	99.3	97.9	99.9	99.6	99.8
GateWay Community College	99.6	99.9	99.4	99.7	97.6	99.8	99.6	100.1	99.9	99.8	100.0	100.0	100.0
Gila Bend Landfill	97.4	98.8	98.7	97.6	92.5	98.7	99.0	99.1	99.0	97.1	89.6	99.0	99.4
Gila Bend Mountains	97.9	98.1	98.0	97.2	92.1	98.8	98.1	98.8	98.8	97.1	99.2	99.0	99.6
Horseshoe Lake	94.4	99.3	98.5	97.8	93.0	99.0	99.1	98.9	98.8	90.9	85.1	73.7	99.3
Horsethief Basin	99.2	98.5	97.4	99.6	97.8	99.7	99.2	99.7	99.4	98.8	100.0	100.0	100.0
Humboldt Mountain	98.8	99.7	98.9	98.2	93.1	99.6	99.8	99.8	99.6	98.0	99.7	99.7	99.9
Jefferson Park	81.3	82.6	83.9	85.3	74.9	69.7	70.8	57.2	52.8	97.8	100.0	100.0	100.0
Jomax Rd. @ 70th St.	97.9	99.8	99.0	98.2	93.2	99.5	99.5	99.4	90.4	97.6	99.3	99.6	99.8
Kleinman Park	97.2	96.1	96.3	97.9	94.5	97.0	97.0	96.9	94.8	99.2	98.8	98.9	99.7
Lake Pleasant	99.1	98.5	98.3	99.1	97.0	99.1	99.3	99.4	99.3	99.5	100.0	99.5	99.7
Lake Pleasant North	98.9	99.9	99.4	98.6	93.4	100.0	99.2	100.0	100.0	96.0	99.9	100.0	100.0
Magma FRS	88.4	98.9	92.0	85.1	73.5	70.9	74.8	79.1	92.1	96.1	99.1	99.3	98.9
McMicken Dam	98.4	99.6	97.7	96.9	89.2	99.9	99.8	99.7	98.7	99.9	100.0	99.9	100.0
Mobile	96.8	99.0	97.9	97.6	92.4	99.2	99.0	98.4	98.7	97.2	99.1	84.3	99.0
Mt. Union	94.9	93.0	95.7	99.2	90.6	91.3	88.5	97.2	97.5	93.4	95.4	98.0	99.4
Osborn Rd. @ 64th St.	99.2	99.7	98.4	99.4	97.5	99.7	99.6	99.6	99.6	99.0	99.1	99.5	99.6
Phoenix Dam 2B	98.0	99.3	98.4	97.4	90.9	99.3	98.5	97.9	98.3	97.4	99.3	99.6	99.9
Rackensack Canyon	98.1	99.3	98.4	97.4	92.7	98.6	99.0	98.8	98.8	97.3	99.0	98.4	99.3
Saguaro Lake	92.3	94.2	91.6	91.5	86.0	92.7	92.3	93.0	93.9	92.5	93.5	92.1	94.9
South Mountain Fan	96.3	99.7	99.3	99.9	98.2	99.7	98.6	99.3	88.7	99.3	100.0	96.6	76.4
South Mountain Park	99.8	100.0	99.4	100.0	98.3	99.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
Sycamore Creek Upper	85.5	89.5	94.2	88.7	49.9	76.3	72.7	92.7	93.2	87.7	94.6	93.5	92.8
Thompson Peak	99.6	99.7	99.3	99.9	98.1	99.9	99.8	99.5	99.6	99.8	99.9	99.8	100.0
Tiger Wash Fan	97.2	98.3	98.1	97.2	91.7	98.4	98.5	98.5	98.6	96.7	97.7	93.6	99.3
Usery Park WS	99.7	99.8	99.3	99.9	98.2	99.8	99.7	100.0	99.7	99.8	100.0	100.0	99.9
Wickenburg Airport	98.3	99.1	98.7	98.0	92.9	99.0	98.8	98.8	98.5	97.8	99.0	99.5	99.7

ALERT Weather Station Meta Data

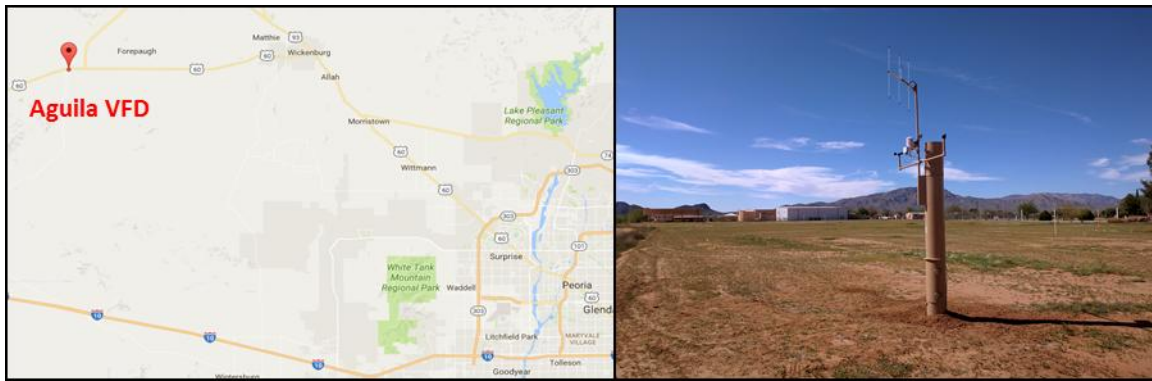
Aguila VFD Weather Station Meta Data Summary



Aguila, Arizona

Date of Station Installation: 09/01/2001

Weather Sensor Installation: 03/26/2015



State: Arizona

County: Maricopa

Latitude: 33° 56' 27.4" (33.9409)

Longitude: 113° 10' 19.8" (-113.1721)

TRS: T7N-R9W-Section 22

Location: Located behind Aguila VFD in field

Time Zone: MST – all year

Data Repeater: Yarnell Hill

Elevation: 2,170 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/grass

Obstructions: No obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	28300	09/19/01	Tipping Bucket	Hydrolynx	5050P	9.8	mm	Variable
Temperature	28301	03/26/15	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	9.6	deg F/C	15 minutes
Relative Humidity	28302	03/26/15	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	9.6	%	15 minutes
Dewpoint (calculated)	28316	03/26/15	---	---	---	---	deg F	15 minutes
Wind Speed	28304	03/26/15	3-cup	Hydrolynx	5050WS	9.7	mph	15 minutes
Wind Direction	28305	03/26/15	Pointer	Hydrolynx	5050WD	9.6	deg	15 minutes
Peak Wind	28306	03/26/15	---	---	---	---	mph	15 minutes

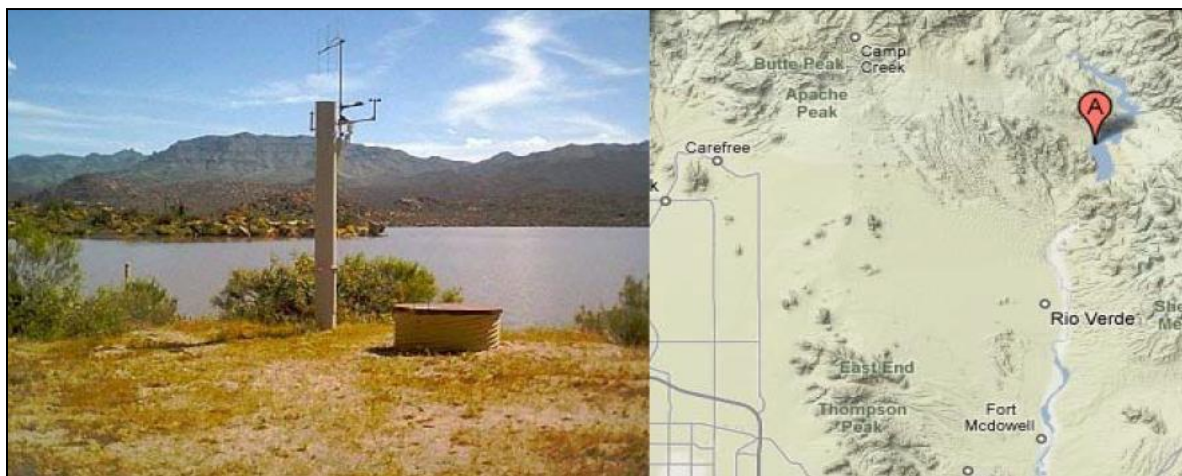


Bartlett Lake Weather Station Meta Data Summary

Bartlett Lake, Arizona

Date of Station Installation: 08/31/2000

Weather Sensor Installation: 08/31/2000



State: Arizona

County: Maricopa

Latitude: 33° 50' 20.2" (33.83894)

Longitude: 111° 38' 11.7" (-111.63659)

TRS: T6N-R7E-Section 28

Location: Bartlett Lake Sheriff Sub-station, close to water

Time Zone: MST – all year

Data Repeater: Mt. Ord

Elevation: 1,825 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 24

Archived: Yes, from date of installation

Site Description: Flat ground, Soil type – gravel/dirt

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	82700	08/31/00	Tipping Bucket	Hydrolynx	5050P	12.1	mm	Variable
Temperature	82701	08/31/00	Transducer, Radiation Shield	Hydrolynx	2048, 4550	10.5	deg F/C	15 minutes
Relative Humidity	82702	08/31/00	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	10.5	%	15 minutes
Dewpoint (calculated)	82716	01/01/01	---	---	---	---	deg F	15 minutes
Wind Speed	82704	08/31/00	Mechanical Wind Sensors	Young	5108	10.6	mph	15 minutes
Wind Direction	82705	08/31/00	Mechanical Wind Sensors	Young	5108	10.6	deg	15 minutes
Peak Wind	82706	08/31/00	---	---	---	---	mph	15 minutes
Solar Radiation	82711	08/31/00	Silicon photovoltaic cell	Hydrolynx	4015	11.9	watt/sqm	30 minutes
Barometric Pressure	82703	08/31/00	Solid state	Hydrolynx	1522	3.2	mb, inHg	30 minutes

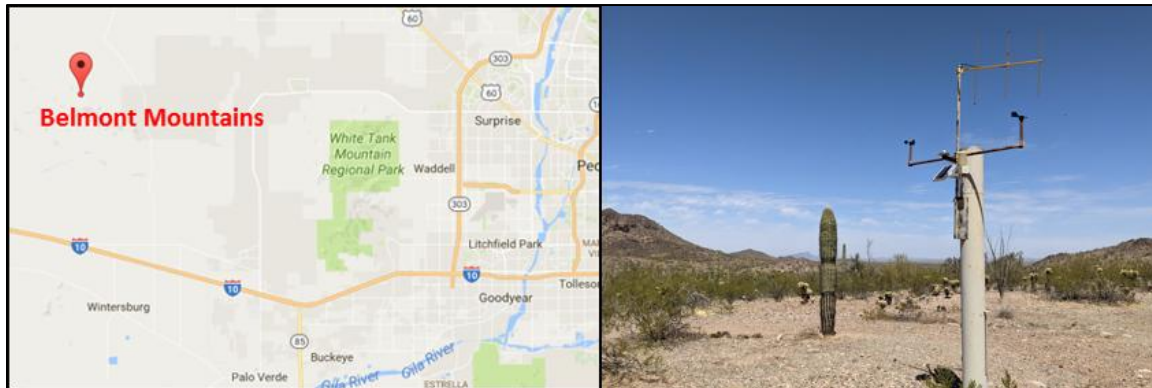


Belmont Mountains Weather Station Meta Data Summary

Wickenburg, Arizona

Date of Station Installation: 11/27/2002

Weather Sensor Installation: 03/20/2007



State: Arizona

County: Maricopa

Latitude: 33° 39' 26.7" (33.65741)

Longitude: 112° 54' 41.3" (-112.91146)

TRS: T4N-R6W-Section 30

Location: 4.8mi S of Vulture Mine Rd/Aguila Rd intersection

Time Zone: MST – all year

Data Repeater: White Tank Peak

Elevation: 1,865 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/rocks/shrubs

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	46300	11/27/02	Tipping Bucket	Hydrolynx	5050P	9.9	mm	Variable
Temperature	46301	03/20/07	Transducer, Radiation Shield	Hydrolynx	2048, 4550	9.2	deg F/C	15 minutes
Relative Humidity	46302	03/20/07	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	9.2	%	15 minutes
Dewpoint (calculated)	46316	03/20/07	---	---	---	---	deg F	15 minutes
Wind Speed	46304	03/20/07	3-cup	Hydrolynx	5050WS	10.9	mph	15 minutes
Wind Direction	46305	03/20/07	Pointer	Hydrolynx	5050WD	10.7	deg	15 minutes
Peak Wind	46306	03/20/07	---	---	---	---	mph	15 minutes
Solar Radiation	46311	03/20/07	Silicon photovoltaic cell	Hydrolynx	4015	9.7	watt/sqm	30 minutes

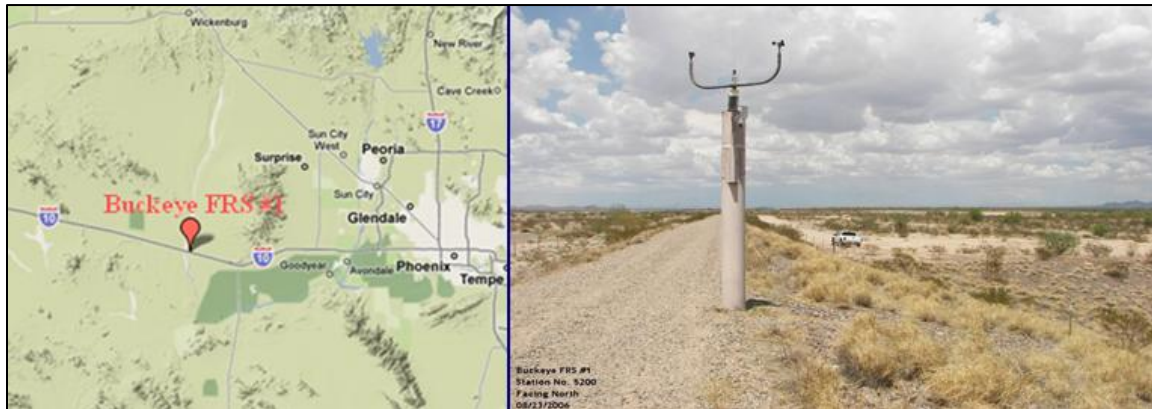


Buckeye FRS #1 Weather Station Meta Data Summary

Buckeye, Arizona

Date of Station Installation: 07/26/1983

Weather Sensor Installation: 02/11/1997



State: Arizona

County: Maricopa

Latitude: 33° 27' 21.8" (33.45606)

Longitude: 112° 44' 53.6" (-112.7482)

TRS: T1N-R5W-Section 03

Location: 1/4 mi. N of I-10 near Hassayampa River

Time Zone: MST – all year

Data Repeater: White Tank Peak

Elevation: 1,075 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 22

Archived: Yes, from date of installation

Site Description: Flat ground, Soil type – dirt/gravel

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

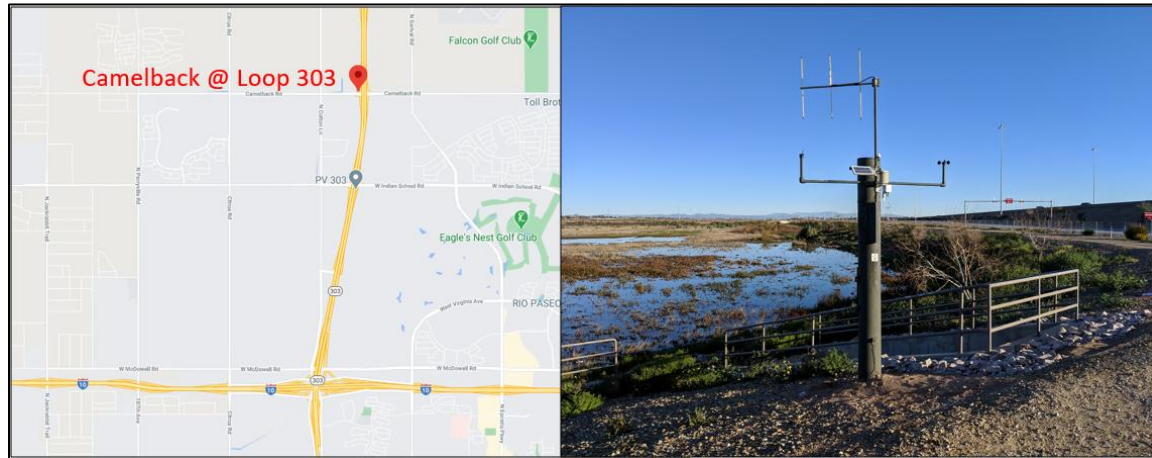
Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	44000	09/28/92 10/01/87- 09/28/92 Prior to 10/01/87	Tipping Bucket	Hydrolynx	5050P	9.7	mm	Variable
Temperature	44001	03/01/97	Transducer, Radiation Shield	Hydrolynx	2048, 4550	10.1	deg F/C	15 minutes
Relative Humidity	44002	02/11/97	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	10.1	%	15 minutes
Dewpoint (calculated)	44016	01/01/03	---	---	---	---	deg F	15 minutes
Wind Speed	44004	01/11/03	3-cup	Hydrolynx	5050WS	12.1	mph	15 minutes
Wind Direction	44005	08/28/00	Pointer	Hydrolynx	5050WD	12.1	deg	15 minutes
Peak Wind	44006	01/11/03	---	---	---	---	mph	15 minutes
Barometric Pressure	44003	02/11/97	Solid state	Hydrolynx	1522	5.7	mb, inHg	30 minutes

Camelback at Loop 303 Weather Station Meta Data Summary

Goodyear, Arizona

Date of Station Installation: 05/10/2012

Weather Sensor Installation: 01/22/2015



State: Arizona

County: Maricopa

Latitude: 33° 30' 30.8" (33.50855)

Longitude: 112° 25' 11.4" (-112.41983)

TRS: T2N-R2W-Section 22

Location: Camelback Rd just west of Loop 303

Time Zone: MST – all year

Data Repeater: White Tank Peak

Elevation: 1,065 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

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	87500	05/10/12	Tipping Bucket	Hydrolynx	5050P	9.8	mm	Variable
Temperature	87501	05/10/12	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	8.6	deg F/C	15 minutes
Relative Humidity	87502	05/10/12	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	8.6	%	15 minutes
Dewpoint (calculated)	87516	05/10/12	---	---	---	---	deg F	15 minutes
Wind Speed	87504	05/10/12	3-cup	Hydrolynx	5050WS	9.7	mph	15 minutes
Wind Direction	87505	05/10/12	Pointer	Hydrolynx	5050WD	9.7	deg	15 minutes
Peak Wind	87506	05/10/12	---	---	---	---	mph	15 minutes

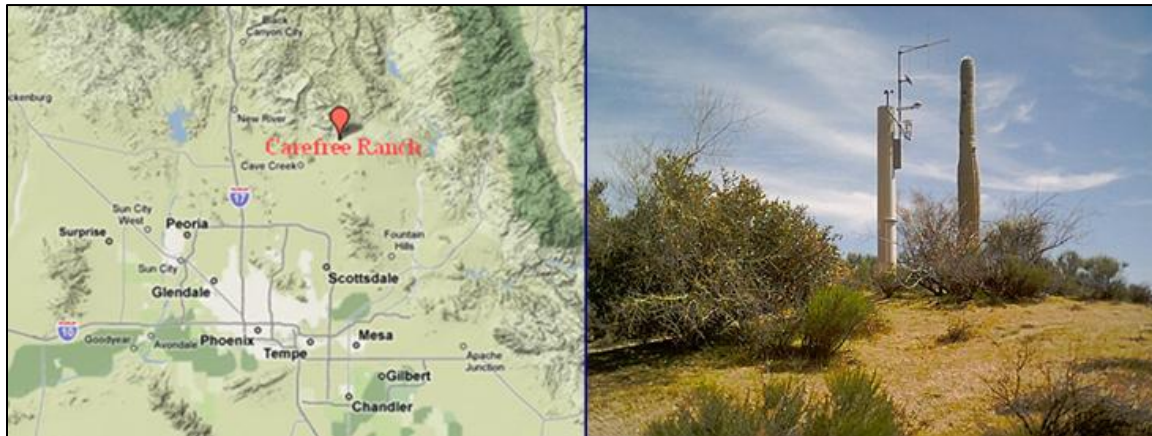


Carefree Ranch Weather Station Meta Data Summary

Carefree, Arizona

Date of Station Installation: 07/15/1985

Weather Sensor Installation: 11/02/1987



State: Arizona

County: Maricopa

Latitude: 33° 51' 08.3" (33.8523)

Longitude: 111° 51' 49.1" (-111.8635)

TRS: T6N-R5E-Section 20

Location: 2.5 mi. NE of Sky Ranch Airport

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 2,980 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 24

Archived: Yes, from date of sensor installation

Site Description: on top of small hill, Soil type – sand/gravel

Obstructions: None

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	21000	03/09/00 06/30/92- 03/09/93 10/01/87- 06/30/92 Prior to 10/01/87	Tipping Bucket	Hydrolynx	5050P	10.5	mm	Variable
Temperature	21001	11/02/87	Transducer, Radiation Shield	Hydrolynx	2048, 4550	9.9	deg F/C	15 minutes
Relative Humidity	21002	03/25/94	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	9.9	%	15 minutes
Dewpoint (calculated)	21016	07/08/94	---	---	---	---	deg F	15 minutes
Wind Speed	21004	11/02/87	3-cup	Hydrolynx	5050WS	10.5	mph	15 minutes
Wind Direction	21005	05/01/01	Pointer	Hydrolynx	5050WD	10.3	deg	15 minutes
Peak Wind	21006	03/25/94	---	---	---	---	mph	15 minutes
Solar Radiation	21011	03/25/94	Silicon photovoltaic cell	Hydrolynx	4015	10.6	watt/sqm	30 minutes



City of Glendale Weather Station Meta Data Summary

Glendale, Arizona

Date of Station Installation: 07/06/1989

Weather Sensor Installation: 12/19/1995



State: Arizona

County: Maricopa

Latitude: 33° 32' 37.0" (33.5436)

Longitude: 112° 11' 36.8" (-112.1936)

TRS: T2N-R2E-Section 06

Location: Grand Avenue at 63rd Avenue

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 1,140 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 next to asphalt, Soil type –gravel

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	6500	03/02/92 08/10/92- 03/02/93 07/06/89- 08/10/92	Tipping Bucket	Hydrolynx	5050P	9.3	mm	Variable
Temperature	6501	12/19/95	Transducer, Radiation Shield	Hydrolynx	2048, 4550	8.6	deg F/C	15 minutes
Relative Humidity	6502	12/19/95	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	8.6	%	15 minutes
Dewpoint (calculated)	6516	01/01/03	---	---	---	---	deg F	15 minutes
Wind Speed	6504	11/22/10	3-cup	Hydrolynx	5050WS	9.8	mph	15 minutes
Wind Direction	6505	11/22/10	Pointer	Hydrolynx	5050WD	9.7	deg	15 minutes
Peak Wind	6506	11/22/10	---	---	---	---	mph	15 minutes
Solar Radiation	6511	11/22/10	Silicon photovoltaic cell	Hydrolynx	4015	9.3	watt/sqm	30 minutes
Barometric Pressure	6503	11/22/10	Solid state	Hydrolynx	1522	6.9	mb, inHg	30 minutes



Crossroads Park Weather Station Meta Data Summary

Gilbert, Arizona

Date of Station Installation: 12/18/1995

Weather Sensor Installation: 12/18/1995



State: Arizona

County: Maricopa

Latitude: 33° 19' 39.7" (33.3277)

Longitude: 111° 44' 47.9" (-111.746)

TRS: T1S-R6E-Section 21

Location: 1/2 mi. NW of Ray Rd. and Greenfield Rd.

Time Zone: MST – all year

Data Repeater: Thompson Peak

Elevation: 1,265 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 at top of basin, Soil type – dirt/gravel

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	33000	12/18/95	Tipping Bucket	Hydrolynx	5050P	11.1	mm	Variable
Temperature	33001	12/18/95	Transducer, Radiation Shield	Hydrolynx	2048, 4550	12.6	deg F/C	15 minutes
Relative Humidity	33002	12/18/95	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	12.6	%	15 minutes
Dewpoint (calculated)	33016	01/01/03	---	---	---	---	deg F	15 minutes
Wind Speed	33004	12/18/95	3-cup	Hydrolynx	5050WS	12.5	mph	15 minutes
Wind Direction	33005	10/22/01	Pointer	Hydrolynx	5050WD	12.9	deg	15 minutes
Peak Wind	33006	12/19/95	---	---	---	---	mph	15 minutes
Solar Radiation	33011	12/18/95	Silicon photovoltaic cell	Hydrolynx	4015	11.5	watt/sqm	30 minutes
Barometric Pressure	33003	12/18/95	Solid state	Hydrolynx	1522	8.7	mb, inHg	30 minutes

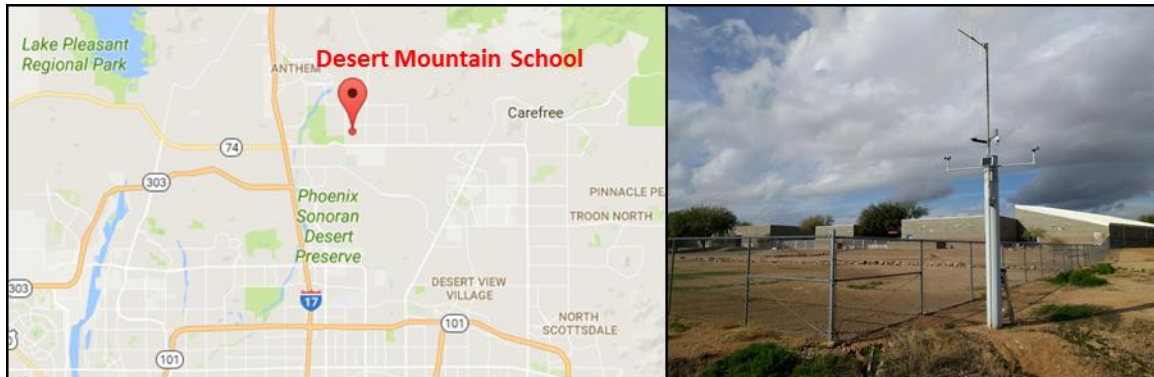


Desert Mountain School Weather Station Meta Data Summary

Phoenix, Arizona

Date of Station Installation: 07/19/2006

Weather Sensor Installation: 07/19/2006



State: Arizona

County: Maricopa

Latitude: 33° 48' 33.6" (33.8093)

Longitude: 112° 04' 37.8" (-112.0771)

TRS: T5N-R3E-Section 5

Location: ¼ mile SE of Cloud Rd and 7th Ave

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 1,810 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 23

Archived: Yes, from date of installation

Site Description: Flat ground, Soil type – dirt/grass

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	18700	07/19/06	Tipping Bucket	Hydrolynx	5050P	12.0	mm	Variable
Temperature	18701	07/19/06	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	13.3	deg F/C	15 minutes
Relative Humidity	18702	07/19/06	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	13.3	%	15 minutes
Dewpoint (calculated)	18716	07/19/06	---	---	---	---	deg F	15 minutes
Wind Speed	18704	07/19/06	3-cup	Hydrolynx	5050WS	12.1	mph	15 minutes
Wind Direction	18705	07/19/06	Pointer	Hydrolynx	5050WD	12.1	deg	15 minutes
Peak Wind	18706	07/19/06	---	---	---	---	mph	15 minutes
Solar Radiation	18711	07/19/06	Silicon photovoltaic cell	Hydrolynx	4015	13.0	mb, inHg	30 minutes
Barometric Pressure	18703	07/19/06	Solid state	Hydrolynx	1522	3.9	mb, inHg	30 minutes



Durango Complex Weather Station Meta Data Summary

Phoenix, Arizona

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

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

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



Ellsworth Channel DPC Weather Station Metadata Summary

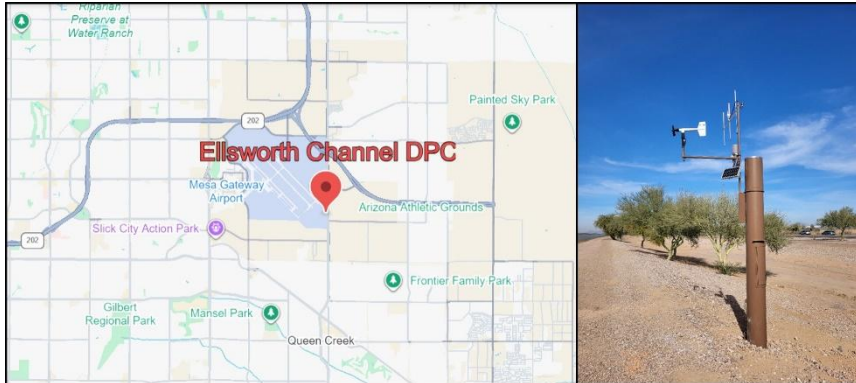


Mesa, Arizona

Period of Record: Calendar Years 2024-2024

Date of Station Installation: 12/17/2024

Weather Sensor Installation: 12/17/2024



State: Arizona

County: Maricopa

Latitude: 33° 17' 39.3" (33.29425)

Longitude: 111° 38' 8.16" (-111.63560)

TRS: T1S-R7E-Section 33

Location: Williams Gateway Airport (Ellsworth & Pecos Rd.)

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 1,381 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 551 (Southeast Valley/Queen Creek)

Archived: Yes, from date of sensor installation

Site Description: Flat open desert environment near airport, Soil type – dirt/gravel with sparse vegetation

Obstructions: No obstructions

Flood Control District of Maricopa County

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
Temperature	90101	12/17/24	Thermistor, Radiation Shield	Hydrolynx	HMP155, 4550	10.3	deg F/C	15 minutes
Relative Humidity	90102	12/17/24	Thermistor, Radiation Shield	Hydrolynx	HMP155, 4550	10.3	%	15 minutes
Dewpoint (calculated)	90116	12/17/24	---	---	---	---	deg F	15 minutes
Wind Speed	90104	12/17/24	AC Pulse Counter	RM Young	5050WS	10.3	mph	15 minutes
Wind Direction	90105	12/17/24	Potentiometer	RM Young	5050WD	10.3	deg	15 minutes
Peak Wind	90106	12/17/24	---	---	---	---	mph	15 minutes

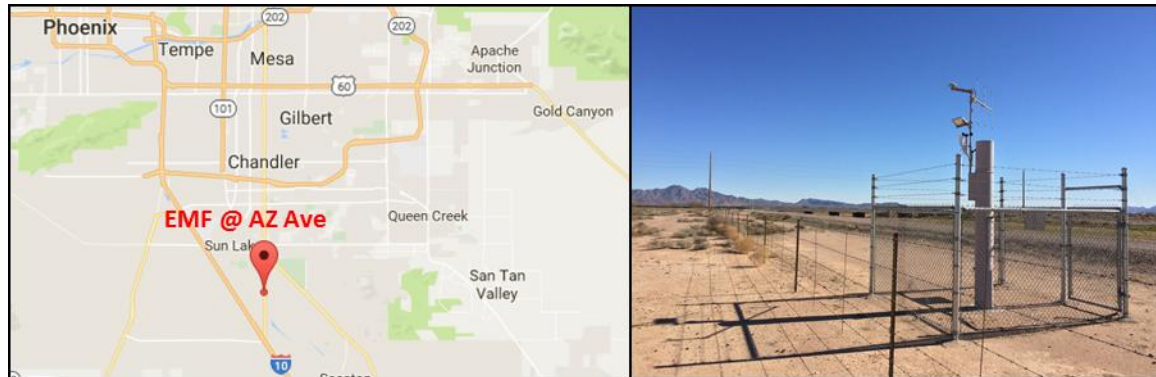


EMF @ Arizona Ave Weather Station Meta Data Summary

Gila River, Arizona

Date of Station Installation: 06/06/2012

Weather Sensor Installation: 06/06/2012



State: Arizona

County: Pinal

Latitude: 33° 10' 09.6" (33.1693)

Longitude: 111° 50' 33.3" (-111.8425)

TRS: T3S-R5E-Section 15

Location: Arizona Ave and Hwy 587 at EMF

Time Zone: MST – all year

Data Repeater: Sacaton Peak

Elevation: 1,215 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

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	35200	06/06/12	Tipping Bucket	Hydrolynx	5050P	9.9	mm	Variable
Temperature	35201	06/06/12	Transducer, Radiation Shield	Hydrolynx	2048, 4550	9.9	deg F/C	15 minutes
Relative Humidity	35202	06/06/12	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	9.9	%	15 minutes
Dewpoint (calculated)	35216	06/06/12	---	---	---	---	deg F	15 minutes
Wind Speed	35204	06/06/12	Mechanical Wind	Young	5108	10.5	mph	15 minutes
Wind Direction	35205	06/06/12	Sensors	Young	5108	10.5	deg	15 minutes
Peak Wind	35206	06/06/12	---	---	---	---	mph	15 minutes
Solar Radiation	35211	06/06/12	Silicon photovoltaic cell	Hydrolynx	4015	13.2	watt/sqm	30 minutes



Estrella Fan Weather Station Meta Data Summary

Avondale, Arizona

Date of Station Installation: 11/12/1992

Weather Sensor Installation: 12/02/1992



State: Arizona

County: Maricopa

Latitude: 33° 16' 10.1" (33.2695)

Longitude: 112° 19' 15.3" (-112.3209)

TRS: T2S-R1W-Section 12

Location: Near the alignments of El Mirage Road and Germann Road

Time Zone: MST – all year

Data Repeater: Waterman Wash

Elevation: 1,450 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, rocks, small shrubs

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	84200	11/15/92	Tipping Bucket	Hydrolynx	5050P	10.4	mm	Variable
Temperature	84201	12/02/92	Transducer, Radiation Shield	Hydrolynx	2048, 4550	12.0	deg F/C	15 minutes
Relative Humidity	84202	11/24/92	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	12.0	%	15 minutes
Dewpoint (calculated)	84216	07/06/94	---	---	---	---	deg F	15 minutes
Wind Speed	84204	11/12/92	3-cup	Hydrolynx	5050WS	10.5	mph	15 minutes
Wind Direction	84205	05/12/01	Pointer	Hydrolynx	5050WD	10.3	deg	15 minutes
Peak Wind	84206	07/16/93	---	---	---	---	mph	15 minutes
Solar Radiation	84211	07/16/93	Silicon photovoltaic cell	Hydrolynx	4015	12.7	watt/sqm	30 minutes
Barometric Pressure	84203	03/09/94	Solid state	Hydrolynx	1522	4.2	mb, inHg	30 minutes

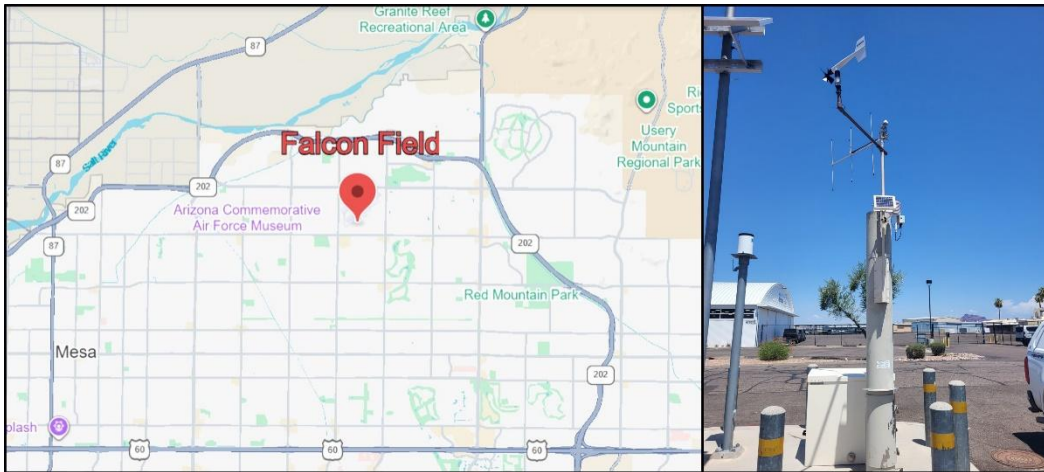


Falcon Field Weather Station Metadata Summary

Mesa, Arizona

Date of Station Installation: 08/08/2025

Weather Sensor Installation: 08/08/2025



State: Arizona

County: Maricopa

Latitude: 33° 27' 16.5" (33.45460)

Longitude: 111° 43' 45.5" (111.72931)

TRS: T1N-R6E-Section 03

Location: Falcon Field Airport (Falcon Field Park)

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 1,370 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 548 (East Valley)

Archived: Yes, from date of sensor installation

Site Description: Flat on elevated concrete island on asphalt parking lot, Soil type – no dirt/vegetation

Obstructions: No obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Temperature	34001	08/08/2025	Transducer, Radiation Shield	Vaisala	HMP155	9.3	deg F/C	15 minutes
Relative Humidity	34002	08/08/2025	Polymer film, Radiation Shield	Vaisala	HMP155	9.3	%	15 minutes
Dewpoint (calculated)	34016	08/08/2025	---	---	---	---	deg F	15 minutes
Wind Speed	34004	08/08/2025	Mechanical Wind Sensors	RM Young	5103	13.3	mph	15 minutes
Wind Direction	34005	08/08/2025	Mechanical Wind Sensors	RM Young	5103	13.3	deg	15 minutes
Peak Wind	34006	08/08/2025	---	---	---	---	mph	15 minutes



Fountain Hills Fire Station Weather Station Meta Data Summary

Fountain Hills, Arizona

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

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

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	Transducer, Radiation Shield	Hydrolynx	2048, 4550	10.6	deg F/C	15 minutes
Relative Humidity	76702	07/23/97	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	10.6	%	15 minutes
Dewpoint (calculated)	76716	01/02/03	---	---	---	---	deg F	15 minutes



G&F Woolsey Peak Weather Station Meta Data Summary

Arlington, Arizona

Date of Station Installation: 06/25/2003

Weather Sensor Installation: 06/25/2003



State: Arizona

County: Maricopa

Latitude: 33 10' 23.7" (33.1733)

Longitude: 112 52' 50.5" (-112.8807)

TRS: T3S-R6W-Section 9

Location: 8 miles southwest of Gillespie Dam

Time Zone: MST – all year

Data Repeater: White Tank Peak

Elevation: 2,005 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 27

Archived: Yes, from date of sensor installation

Site Description: fairly flat ground, Soil type –rock

Obstructions: Rock wall 10' to E of station

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	23200	06/25/03	Tipping Bucket	Hydrolynx	5050P	10.2	mm	Variable
Temperature	23201	06/26/03	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	10.2	deg F/C	15 minutes
Relative Humidity	23202	06/26/03	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	10.2	%	15 minutes
Dewpoint (calculated)	23216	06/27/03	---	---	---	---	deg F	15 minutes



Gateway Community College Weather Station Meta Data Summary

Phoenix, Arizona

Date of Station Installation: 12/16/2003

Weather Sensor Installation: 09/10/2004



State: Arizona

County: Maricopa

Latitude: 33 27' 03.7" (33.4510)

Longitude: 111 59' 44.0" (-111.9955)

TRS: T1N-R3E-Section 12

Location: 40th St at Van Buren

Time Zone: MST – all year

Data Repeater: Thompson Peak

Elevation: 1,140 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 near asphalt parking lot, Soil type – gravel

Obstructions: No obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	3000	12/16/03	Tipping Bucket	Hydrolynx	5050P	10.4	mm	Variable
Temperature	3001	09/10/04	Capacitive Ceramic THERMOCAP	Vaisala	WXT510	12.0	deg F/C	15 minutes
Relative Humidity	3002	09/10/04	Film Polymer HUMICAP	Vaisala	WXT510	12.0	%	15 minutes
Dewpoint (calculated)	3016	09/10/04	---	---	---	---	deg F	15 minutes
Wind Speed	3004	07/23/20	Wind transducers (3 pcs)	Vaisala	WXT510	12.0	mph	15 minutes
Wind Direction	3005	07/23/20	Wind transducers (3 pcs)	Vaisala	WXT510	12.0	deg	15 minutes
Peak Wind	3006	07/23/20	---	---	---	---	mph	15 minutes



Gila Bend Landfill Weather Station Meta Data Summary

Gila Bend, Arizona

Date of Station Installation: 04/07/1993

Weather Sensor Installation: 01/17/2002



State: Arizona

County: Maricopa

Latitude: 32° 59' 21.5" (32.9893)

Longitude: 112° 40' 30.5" (-112.6751)

TRS: T5S-R4W-Section 16

Location: 3 miles north of the Interstate of US 80 and I-8

Time Zone: MST – all year

Data Repeater: Waterman Wash

Elevation: 735 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 27

Archived: Yes, from date of sensor installation

Site Description: flat ground, Soil type – dirt

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	42500	04/07/93	Tipping Bucket	Hydrolynx	5050P	9.8	mm	Variable
Temperature	42501	01/17/02	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	8.7	deg F/C	15 minutes
Relative Humidity	42502	01/17/02	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	8.7	%	15 minutes
Dewpoint (calculated)	42516	01/18/02	---	---	---	---	deg F	15 minutes
Wind Speed	42504	01/17/02	Mechanical Wind Sensors	Young	5108	9.6	mph	15 minutes
Wind Direction	42505	01/17/02	Mechanical Wind Sensors	Young	5108	9.6	deg	15 minutes
Peak Wind	42506	01/17/02	---	---	---	---	mph	15 minutes
Solar Radiation	42511	01/17/02	Silicon photovoltaic cell	Hydrolynx	4015	9.5	watt/sqm	30 minutes



Gila Bend Mountains Weather Station Meta Data Summary

Gila Bend, Arizona

Date of Station Installation: 06/01/1988

Weather Sensor Installation: 06/01/1988



State: Arizona

County: Maricopa

Latitude: 33° 14' 29.0" (33.2414)

Longitude: 113° 12' 18.1" (-113.2050)

TRS: T2S-R9W-Section 17

Location: 16 miles NW of Painted Rock Dam off Agua Caliente Road

Time Zone: MST – all year

Data Repeater: Mt. Oatman

Elevation: 1,575 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 27

Archived: Yes, from date of sensor installation

Site Description: flat ground, Soil type – gravel/small shrubs

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	41500	09/28/92 09/28/92- 06/01/88	Tipping Bucket	Hydrolynx	5050P	10.4	mm	Variable
Temperature	41501	06/01/88	Transducer, Radiation Shield	Hydrolynx	2048, 4550	11.5	deg F/C	15 minutes
Relative Humidity	41502	06/01/88	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	11.5	%	15 minutes
Dewpoint (calculated)	41516	07/08/94	---	---	---	---	deg F	15 minutes
Wind Speed	41504	06/01/88	3-cup	Hydrolynx	5050WS	10.7	mph	15 minutes
Wind Direction	41505	05/01/01	Pointer	Hydrolynx	5050WD	10.6	deg	15 minutes
Peak Wind	41506	08/17/93	---	---	---	---	mph	15 minutes
Solar Radiation	41511	05/24/94	Silicon photovoltaic cell	Hydrolynx	4015	11.1	watt/sqm	30 minutes
Barometric Pressure	41503	06/01/88	Solid state	Hydrolynx	1522	7.7	mb, inHg	30 minutes

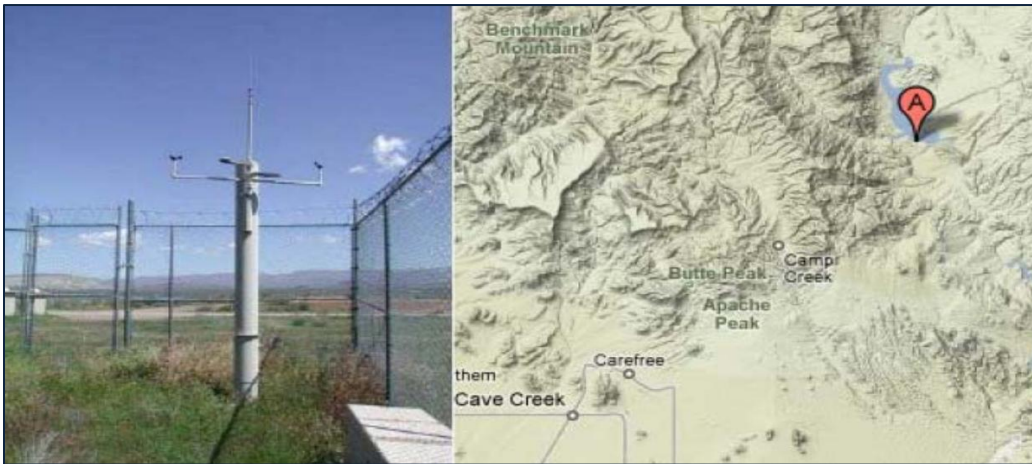


Horseshoe Lake Weather Station Meta Data Summary

Horseshoe Lake, Arizona

Date of Station Installation: 09/06/2000

Weather Sensor Installation: 09/06/2000



State: Arizona

County: Maricopa

Latitude: 33° 59' 08.4" (33.9857)

Longitude: 111° 43' 15.5" (-111.7210)

TRS: T7N-R6E-Section 09

Location: Horseshoe Lake – SW corner near boat ramp

Time Zone: MST – all year

Data Repeater: Humboldt Mountain

Elevation: 2,065 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 24

Archived: Yes, from date of sensor installation

Site Description: flat ground, Soil type – gravel/small shrubs

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	82500	09/06/00	Tipping Bucket	Hydrolynx	5050P	12.0	mm	Variable
Temperature	82501	09/07/00	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	10.8	deg F/C	15 minutes
Relative Humidity	82502	09/06/00	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	10.8	%	15 minutes
Dewpoint (calculated)	82516	09/14/00	---	---	---	---	deg F	15 minutes
Wind Speed	82504	09/08/00	3-cup	Hydrolynx	5050WS	12.2	mph	15 minutes
Wind Direction	82505	09/13/00	Pointer	Hydrolynx	5050WD	12.0	deg	15 minutes
Peak Wind	82506	09/13/00	---	---	---	---	mph	15 minutes
Solar Radiation	82511	09/13/00	Silicon photovoltaic cell	Hydrolynx	4015	12.0	watt/sqm	30 minutes
Barometric Pressure	82503	09/13/00	Solid state	Hydrolynx	1522	3.1	mb, inHg	30 minutes

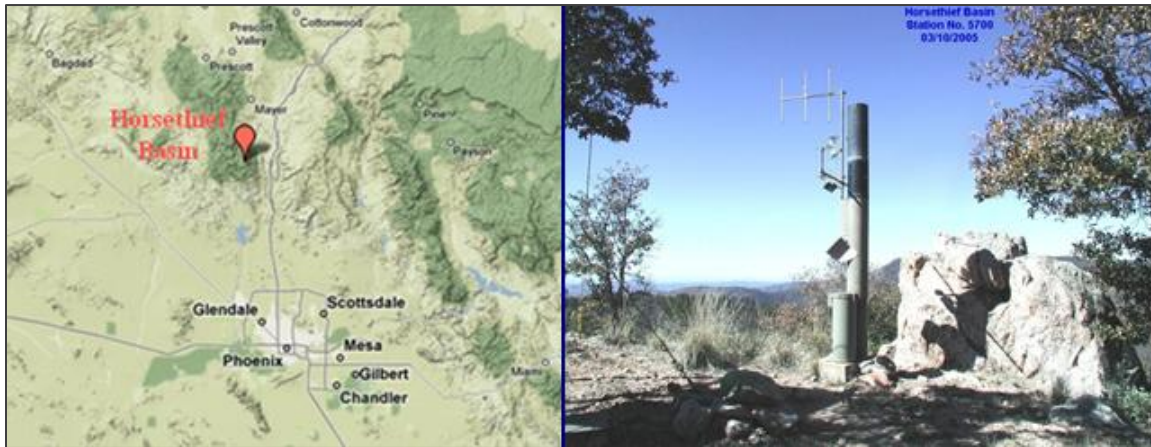


Horsethief Basin Weather Station Meta Data Summary

Crown King, Arizona

Date of Station Installation: 11/24/1986

Weather Sensor Installation: 12/21/1987



State: Arizona

County: Yavapai

Latitude: 34° 09' 44.6" (34.1624)

Longitude: 112° 16' 14.1" (-112.2705)

TRS: T9N-R1E-Section 33

Location: At Horsethief Basin Recreation Area 6 miles SE of Crown King

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 6,710 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Flagstaff, 08

Archived: Yes, from date of sensor installation

Site Description: flat ground, Soil type – dirt, rocks, small shrubs

Obstructions: 40' fire lookout tower 20' to NE of station

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	16000	09/25/92 10/01/87- 09/25/92 07/01/81- 10/01/87	Tipping Bucket	Hydrolynx	5050P	12.9	mm	Variable
Temperature	16001	12/21/87	Transducer, Radiation Shield	Hydrolynx	2048, 4550	10.4	deg F/C	15 minutes
Relative Humidity	16002	12/21/87	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	10.4	%	15 minutes
Dewpoint (calculated)	16016	07/08/94	---	---	---	---	deg F	15 minutes
Wind Speed	16004	12/21/87	3-cup	Hydrolynx	5050WS	10.3	mph	15 minutes
Wind Direction	16005	05/01/01	Pointer	Hydrolynx	5050WD	10.1	deg	15 minutes
Peak Wind	16006	07/19/93	---	---	---	---	mph	15 minutes
Solar Radiation	16011	12/03/87	Silicon photovoltaic cell	Hydrolynx	4015	12.3	watt/sqm	30 minutes
Barometric Pressure	16003	04/08/93	Solid state	Hydrolynx	1522	6.8	mb, inHg	30 minutes



Humboldt Mountain Weather Station Meta Data Summary

Cave Creek, Arizona

Date of Station Installation: 07/14/1981

Weather Sensor Installation: 06/13/1996



State: Arizona

County: Maricopa

Latitude: 33° 58' 50.7" (33.98075)

Longitude: 111° 47' 52.6" (-111.79794)

TRS: T7N-R5E-Section 01

Location: 13 miles NE of the Town of Cave Creek

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 5,205 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 24

Archived: Yes, from date of sensor installation

Site Description: Sloped near top of ridge, Soil type – dirt, small shrubs

Obstructions: No obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	1200	03/09/93 06/10/92- 03/09/93 10/01/87- 06/10/92 07/14/81- 10/01/87	Tipping Bucket	Hydrolynx	5050P	12.9	mm	Variable
Temperature	1201	06/13/96	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	10.4	deg F/C	15 minutes
Relative Humidity	1202	06/12/96	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	10.4	%	15 minutes
Dewpoint (calculated)	1216	01/01/03	---	---	---	---	deg F	15 minutes

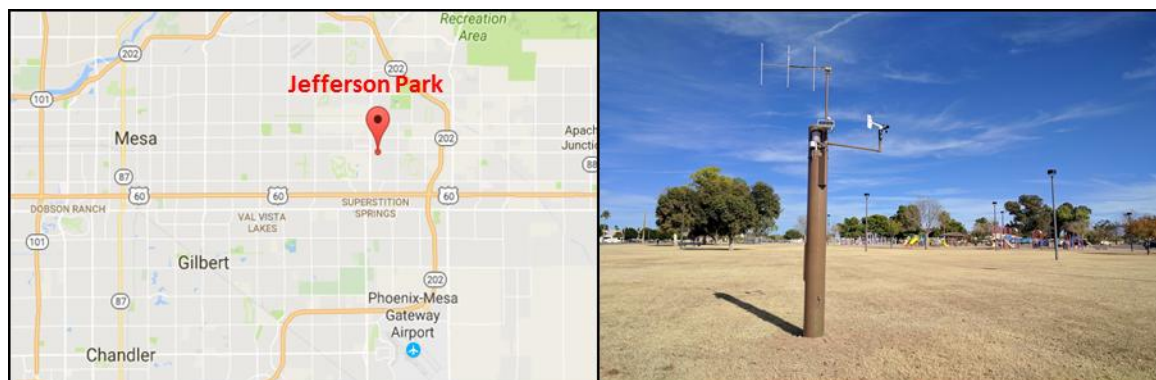


Jefferson Park Weather Station Meta Data Summary

Mesa, Arizona

Date of Station Installation: 12/21/2016

Weather Sensor Installation: 12/21/2016



State: Arizona

County: Maricopa

Latitude: 33° 24' 29.5" (33.4081)

Longitude: 111° 40' 47.9" (-111.6799)

TRS: T1N-R7E-Section 19

Location: SW side of Jefferson Park, just N of Broadway Rd

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 1,395 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 –grass

Obstructions: No obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	34900	12/21/16	Tipping Bucket	Hydrolynx	5050P	12.0	mm	Variable
Temperature	34901	12/21/16	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	11.0	deg F/C	15 minutes
Relative Humidity	34902	12/21/16	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	11.0	%	15 minutes
Dewpoint (calculated)	34916	12/21/16	---	---	---	---	deg F	15 minutes
Wind Speed	34904	12/21/16	Mechanical Wind	Young	5108	12.2	mph	15 minutes
Wind Direction	34905	12/21/16	Sensors	Young	5108	12.2	deg	15 minutes
Peak Wind	34906	12/21/16	---	---	---	---	mph	15 minutes



Jomax Rd @ 70th St Weather Station Meta Data Summary

Scottsdale, Arizona

Date of Station Installation: 05/06/1993

Weather Sensor Installation: 06/26/1997



State: Arizona

County: Maricopa

Latitude: 33° 43' 37.1" (33.72696)

Longitude: 111° 53' 49.5" (-111.93041)

TRS: T5N-R4E-Section 36

Location: Just N of Pima Road west of 70th St

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 2,010 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, desert, soil type –gravel/packed clay

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	60800	05/06/93	Tipping Bucket	Hydrolynx	5050P	11.0	mm	Variable
Temperature	60801	06/26/97	Transducer, Radiation Shield	Hydrolynx	2048, 4550	9.5	deg F/C	15 minutes
Relative Humidity	60802	06/26/97	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	9.5	%	15 minutes
Dewpoint (calculated)	60816	06/26/97	---	---	---	---	deg F	15 minutes
Wind Speed	60804	06/26/97	Mechanical Wind	Young	5108	10.8	mph	15 minutes
Wind Direction	60805	05/01/01	Sensors	Young	5108	10.9	deg	15 minutes
Peak Wind	60806	06/26/97	---	---	---	---	mph	15 minutes
Solar Radiation	60811	06/26/97	Silicon photovoltaic cell	Hydrolynx	4015	9.8	watt/sqm	30 minutes
Barometric Pressure	60803	06/26/97	Solid state	Hydrolynx	1522	2.0	mb, inHg	30 minutes

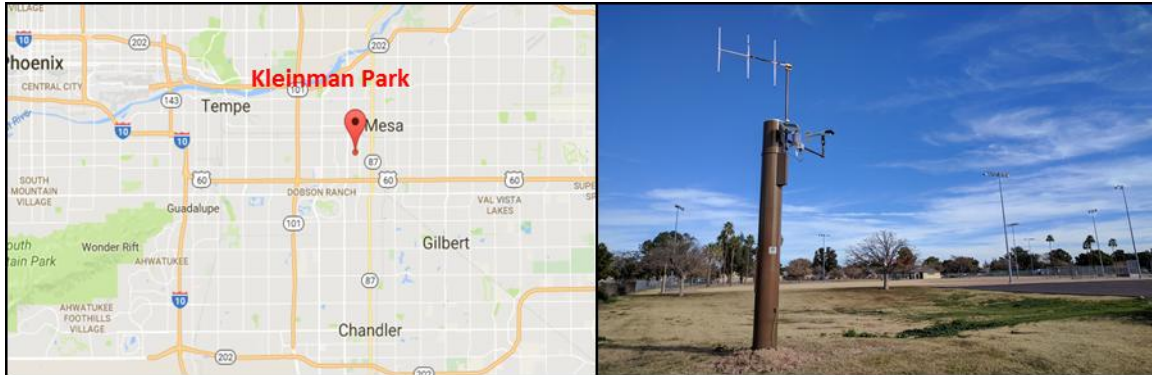


Kleinman Park Weather Station Meta Data Summary

Mesa, Arizona

Date of Station Installation: 03/26/1991

Weather Sensor Installation: 12/21/2016



State: Arizona

County: Maricopa

Latitude: 33° 24' 02.2" (33.40062)

Longitude: 111° 51' 06.8" (-111.85189)

TRS: T1N-R5E-Section 28

Location: SW side of Kleinman Park, just N of 8th Ave

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 1,215 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 –grass

Obstructions: No obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	30800	03/26/91	Tipping Bucket	Hydrolynx	5050P	12.2	mm	Variable
Temperature	30801	12/21/16	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	10.8	deg F/C	15 minutes
Relative Humidity	30802	12/21/16	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	10.8	%	15 minutes
Dewpoint (calculated)	30816	12/21/16	---	---	---	---	deg F	15 minutes
Wind Speed	30804	12/21/16	Mechanical Wind	Young	5108	12.3	mph	15 minutes
Wind Direction	30805	12/21/16	Sensors	Young	5108	12.3	deg	15 minutes
Peak Wind	30806	12/21/16	---	---	---	---	mph	15 minutes

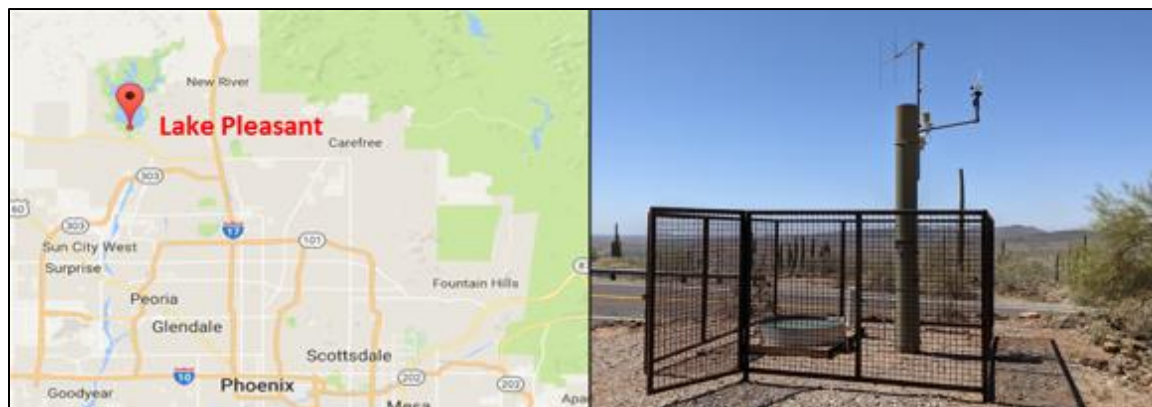


Lake Pleasant Weather Station Meta Data Summary

Peoria, Arizona

Date of Station Installation: 11/13/2008

Weather Sensor Installation: 11/13/2008



State: Arizona

County: Maricopa

Latitude: 33° 50' 49.9" (33.84718)

Longitude: 112° 16' 41.7" (-112.27825)

TRS: T6N-R1E-Section 20

Location: South end of Lake Pleasant, near visitor's center

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 1,825 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 23

Archived: Yes, from date of installation

Site Description: Flat ground, Soil type – dirt/rocks

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	15000	11/13/08	Tipping Bucket	Hydrolynx	5050P	11.5	mm	Variable
Temperature	15001	11/13/08	Transducer, Radiation Shield	Hydrolynx	2048, 4550	10.4	deg F/C	15 minutes
Relative Humidity	15002	11/13/08	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	10.4	%	15 minutes
Dewpoint (calculated)	15016	11/13/08	---	---	---	---	deg F	15 minutes
Wind Speed	15004	11/13/08	Mechanical Wind	Young	5108	11.4	mph	15 minutes
Wind Direction	15005	11/13/08	Sensors	Young	5108	11.1	deg	15 minutes
Peak Wind	15006	11/13/08	---	---	---	---	mph	15 minutes
Barometric Pressure	15003	11/13/08	Solid state	Hydrolynx	1522	5.5	mb, inHg	30 minutes



Lake Pleasant North Weather Station Meta Data Summary

Peoria, Arizona

Date of Station Installation: 04/24/2000

Weather Sensor Installation: 04/24/2001



State: Arizona

County: Yavapai

Latitude: 33° 54' 16.8" (33.9047)

Longitude: 112° 16' 15.0" (-112.2708)

TRS: T7N-R1E-Section 33

Location: Deer Island on north end of Lake Pleasant

Time Zone: MST – all year

Data Repeater: Towers Mountain

Elevation: 1,755 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 24

Archived: Yes, from date of sensor installation

Site Description: Sloped near top of ridge, Soil type – rock/small shrub

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	15300	04/24/00	Tipping Bucket	Hydrolynx	5050P	9.9	mm	Variable
Temperature	15301	04/24/01	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	9.9	deg F/C	15 minutes
Relative Humidity	15302	04/24/01	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	9.9	%	15 minutes
Dewpoint (calculated)	15316	05/01/01	---	---	---	---	deg F	15 minutes
Wind Speed	15304	04/24/01	3-cup	Hydrolynx	5050WS	10.3	mph	15 minutes
Wind Direction	15305	04/24/01	Pointer	Hydrolynx	5050WD	9.8	deg	15 minutes
Peak Wind	15306	04/24/01	---	---	---	---	mph	15 minutes
Solar Radiation	15311	04/24/01	Silicon photovoltaic cell	Hydrolynx	4015	10.2	watt/sqm	30 minutes
Barometric Pressure	15303	04/24/01	Solid state	Hydrolynx	1522	4.2	mb, inHg	30 minutes



Magma FRS Weather Station Meta Data Summary

Magma, Arizona

Date of Station Installation: 10/27/1988

Weather Sensor Installation: 12/19/1995



State: Arizona

County: Pinal

Latitude: 33° 07' 06.5" (33.1184)

Longitude: 111° 24' 16.6" (-111.4046)

TRS: T4S-R9E-Section 35

Location: 7 miles NNW of Florence

Time Zone: MST – all year

Data Repeater: Sacaton Peak

Elevation: 1,625 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 28

Archived: Yes, from date of sensor installation

Site Description: On top of FRS flat ground, Soil type – dirt/gravel

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	42300	Since 06/16/92 10/27/88- 06/16/92	Tipping Bucket	Hydrolynx	5050P	14.0	mm	Variable
Temperature	42301	12/19/95	Transducer, Radiation Shield	Hydrolynx	2048, 4550	14.7	deg F/C	15 minutes
Relative Humidity	42302	12/19/95	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	14.7	%	15 minutes
Dewpoint (calculated)	42316	06/01/98	---	---	---	---	deg F	15 minutes
Wind Speed	42304	06/19/96	Mechanical Wind Sensors	Young	5108	14.1	mph	15 minutes
Wind Direction	42305	02/28/02	Mechanical Wind Sensors	Young	5108	14.1	deg	15 minutes
Peak Wind	42306	06/19/96	---	---	---	---	mph	15 minutes

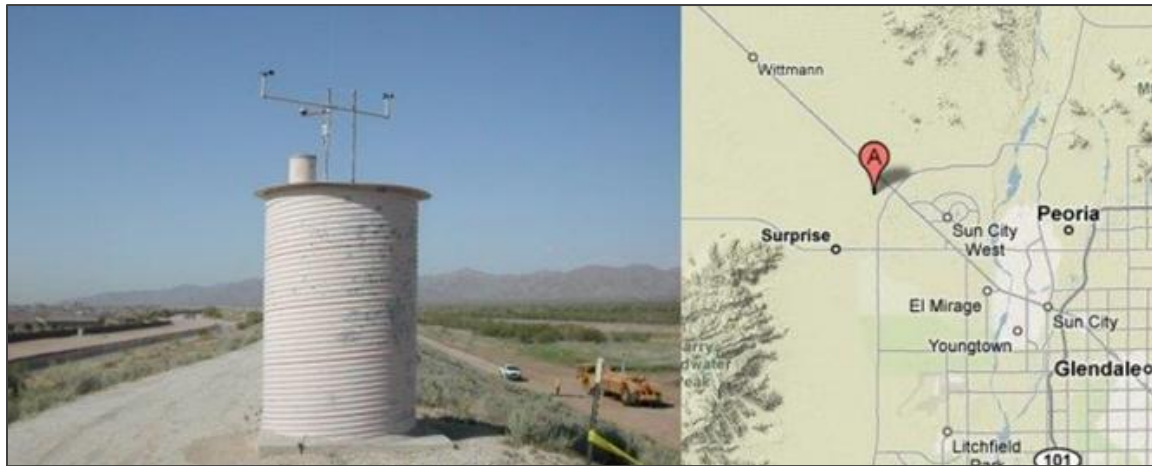


McMicken Dam Weather Station Meta Data Summary

Sun City, Arizona

Date of Station Installation: 03/24/1983

Weather Sensor Installation: 06/02/2004



State: Arizona

County: Maricopa

Latitude: 33° 40' 37.2" (33.6770)

Longitude: 112° 25' 24.3" (-112.4234)

TRS: T4N-R2W-Section 24

Location: ¼ mile SE of Deer Valley Road and Cotton Lane

Time Zone: MST – all year

Data Repeater: White Tank Peak

Elevation: 1,355 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 23

Archived: Yes, from date of sensor installation

Site Description: On top of FRS flat ground, Soil type – dirt/gravel

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	71700	06/15/92 10/01/87- 06/15/92 03/24/83- 10/01/87	Tipping Bucket	Hydrolynx	5050P	11.0	mm	Variable
Temperature	71701	06/02/04	Transducer, Radiation Shield	Hydrolynx	2048, 4550	12.9	deg F/C	15 minutes
Relative Humidity	71702	06/02/04	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	12.9	%	15 minutes
Dewpoint (calculated)	71716	06/02/04	---	---	---	---	deg F	15 minutes
Wind Speed	71704	06/02/04	3-cup	Hydrolynx	5050WS	13.9	mph	15 minutes
Wind Direction	71705	06/02/04	Pointer	Hydrolynx	5050WD	14.0	deg	15 minutes
Peak Wind	71706	06/02/04	---	---	---	---	mph	15 minutes
Solar Radiation	71711	06/02/04	Silicon photovoltaic cell	Hydrolynx	4015	13.8	Watt/sqm	30 minutes
Barometric Pressure	71703	06/02/04	Solid State	Hydrolynx	1522	3.5	mb, inHg	30 minutes



Mobile Weather Station Meta Data Summary

Maricopa, Arizona

Date of Station Installation: 12/15/2004

Weather Sensor Installation: 04/04/2008



State: Arizona

County: Maricopa

Latitude: 33° 02' 18.4" (33.0384)

Longitude: 112° 14' 38.7" (-112.2440)

TRS: T4S-R1E-Section 34

Location: 2 miles SE of Mobile

Time Zone: MST – all year

Data Repeater: White Tank Peak

Elevation: 1,340 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 27

Archived: Yes, from date of installation

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

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	84700	12/15/04	Tipping Bucket	Hydrolynx	5050P	10.1	mm	Variable
Temperature	84701	12/15/04	Probe, Radiation Shield	Hydrolynx	HMP155, 4550	10.4	deg F/C	15 minutes
Relative Humidity	84702	12/15/04	Probe, Radiation Shield	Hydrolynx	HMP155, 4550	10.4	%	15 minutes
Dewpoint (calculated)	84716	12/15/04	---	---	---	---	deg F	15 minutes
Wind Speed	84704	12/15/04	Mechanical Wind	Young	5108	11.4	mph	15 minutes
Wind Direction	84705	12/15/04	Sensors	Young	5108	11.1	deg	15 minutes
Peak Wind	84706	12/15/04	---	---	---	---	mph	15 minutes
Barometric Pressure	84703	12/15/04	Solid state	Hydrolynx	1522	5.5	mb, inHg	30 minutes

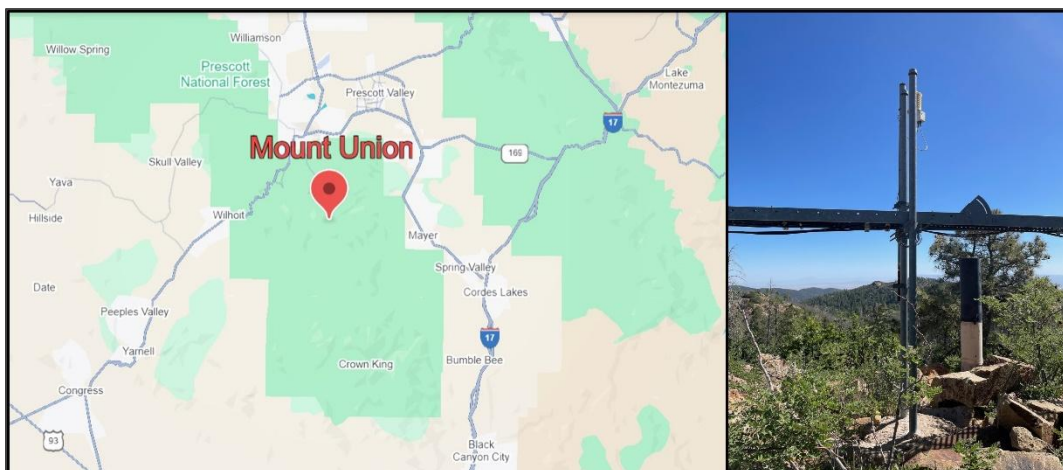


Mount Union Weather Station Meta Data Summary

Prescott, Arizona

Date of Station Installation: 08/16/1982

Weather Sensors Installation: 12/11/1987



State: Arizona

County: Yavapai

Latitude: 34° 24' 54.3" (34.41507)

Longitude: 112° 24' 17.2" (-112.40478)

TRS: T12N-R2W-Section 1

Location: The top of Mt. Union, 10 miles SSE of Prescott

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 7,975 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Flagstaff, 08

Archived: Yes, from date of sensor installation

Site Description: flat ground, Soil type – dirt/grass

Obstructions: 50' tower 10' NNW of station

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	1000	07/10/92 10/01/87-07/10/92 05/01/83-10/01/87 08/16/82-05/01/83	Tipping Bucket	Hydrolynx	5050P	12.1	mm	Variable
Temperature	1001	12/11/87	Capacitive Ceramic THERMOCAP	Vaisala	WXT510	13.5	deg F/C	15 minutes
Relative Humidity	1002	12/01/94	Film Polymer HUMICAP	Vaisala	WXT510	13.5	%	15 minutes
Dewpoint (calculated)	1016	09/19/00	---	---	---	---	deg F	15 minutes



Osborn at 64th St Weather Station Meta Data Summary

Scottsdale, Arizona

Date of Station Installation: 10/22/1997

Weather Sensors Installation: 01/16/1998



State: Arizona

County: Maricopa

Latitude: 33° 29' 06.4" (33.4851)

Longitude: 111° 56' 33.5" (-111.9427)

TRS: T2N-R4E-Section 27

Location: 200 yards East of Osborn Rd. @ 64th St.

Time Zone: MST – all year

Data Repeater: Thompson Peak

Elevation: 1,250 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/grass

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	56000	10/22/97	Tipping Bucket	Hydrolynx	5050P	9.7	mm	Variable
Temperature	56001	01/16/98	Transducer, Radiation Shield	Hydrolynx	2048, 4550	9.6	deg F/C	15 minutes
Relative Humidity	56002	01/16/98	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	9.6	%	15 minutes
Dewpoint (calculated)	56016	02/01/98	---	---	---	---	deg F	15 minutes
Wind Speed	56004	01/16/98	Mechanical Wind	Young	5108	9.5	mph	15 minutes
Wind Direction	56005	05/20/01	Sensors	Young	5108	9.6	deg	15 minutes
Peak Wind	56006	01/16/98	---	---	---	---	mph	15 minutes

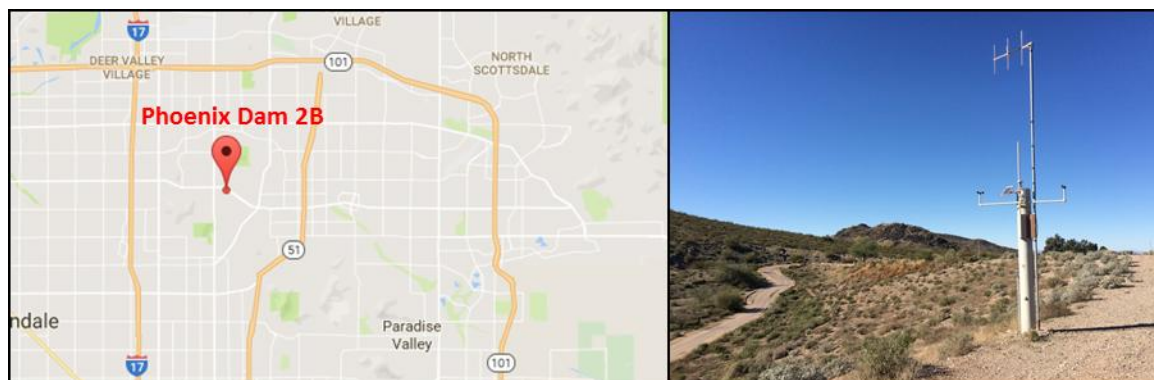


Phoenix Dam 2B Weather Station Meta Data Summary

Phoenix, Arizona

Date of Station Installation: 06/29/2009

Weather Sensors Installation: 06/29/2009



State: Arizona

County: Maricopa

Latitude: 33° 36' 23.8" (33.6066)

Longitude: 112° 03' 28.4" (-112.0578)

TRS: T3N-R3E-Section 16

Location: Near Thunderbird and 7th St

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 1,415 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 23

Archived: Yes, from date of installation

Site Description: Flat ground on top of FRS, Soil type – dirt/gravel

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	9900	06/29/09	Tipping Bucket	Hydrolynx	5050P	10.0	mm	Variable
Temperature	9901	06/29/09	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	9.5	deg F/C	15 minutes
Relative Humidity	9902	06/29/09	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	9.5	%	15 minutes
Dewpoint (calculated)	9916	06/29/09	---	---	---	---	deg F	15 minutes
Wind Speed	9904	06/29/09	3-cup	Hydrolynx	5050WS	9.8	mph	15 minutes
Wind Direction	9905	06/29/09	Pointer	Hydrolynx	5050WD	9.9	deg	15 minutes
Peak Wind	9906	06/29/09	---	---	---	---	mph	15 minutes
Solar Radiation	9911	06/29/09	Silicon photovoltaic cell	Hydrolynx	4015	10.0	mb, inHg	30 minutes
Barometric Pressure	9903	06/29/09	Solid state	Hydrolynx	1522	6.0	mb, inHg	30 minutes



Rackensack Canyon Weather Station Meta Data Summary

Rackensack Canyon, Arizona

Date of Station Installation: 06/28/2007

Weather Sensors Installation: 06/28/2007



State: Arizona

County: Maricopa

Latitude: 33° 54' 09.4" (33.90262)

Longitude: 111° 50' 43.0" (-111.84527)

TRS: T7N-R5E-Section 33

Location: 8 miles NE of Cave Creek

Time Zone: MST – all year

Data Repeater: Humboldt Mountain

Elevation: 4,445 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 24

Archived: Yes, from date of installation

Site Description: Flat ground top of ridge, Soil type – dirt/shrubs

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	76500	06/28/07	Tipping Bucket	Hydrolynx	5050P	12.1	mm	Variable
Temperature	76501	06/28/07	Capacitive Ceramic THERMOCAP	Vaisala	WXT510	13.9	deg F/C	15 minutes
Relative Humidity	76502	06/28/07	Film Polymer HUMICAP	Vaisala	WXT510	13.9	%	15 minutes
Dewpoint (calculated)	76516	06/28/07	---	---	---	---	deg F	15 minutes
Wind Speed	76504	06/28/07	Wind transducers (3 pcs)	Vaisala	WXT510	14.1	mph	15 minutes
Wind Direction	76505	06/28/07	Wind transducers (3 pcs)	Vaisala	WXT510	14.1	deg	15 minutes
Peak Wind	76506	06/28/07	---	---	---	---	mph	15 minutes
Barometric Pressure	76503	06/28/07	capacitive silicon BAROCAP	Vaisala	WXT510	13.9	mb, inHg	30 minutes

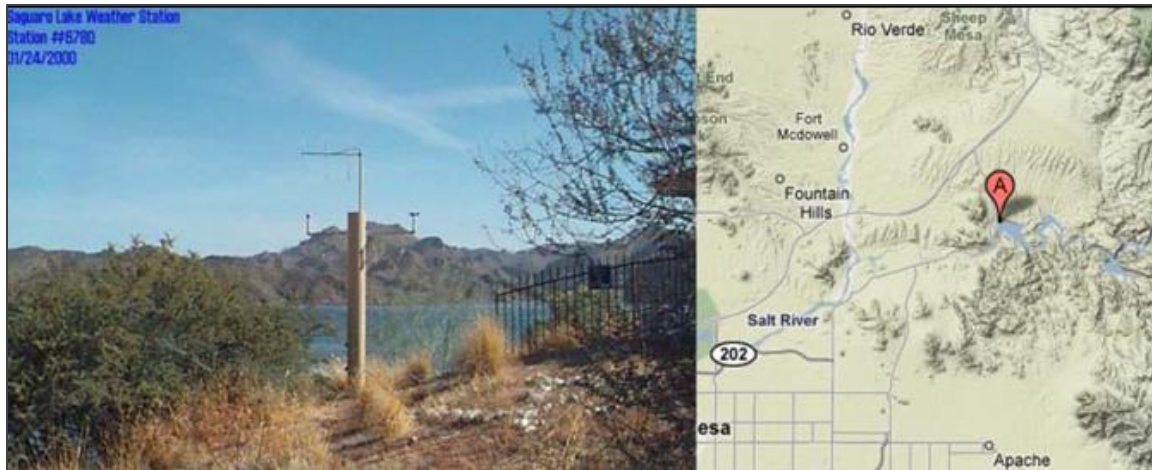


Saguaro Lake Weather Station Meta Data Summary

Saguaro, Arizona

Date of Station Installation: 01/24/2000

Weather Sensors Installation: 01/24/2000



State: Arizona

County: Maricopa

Latitude: 33° 34' 30.7" (33.57518)

Longitude: 111° 32' 15.1" (-111.53752)

TRS: T2N-R8E-Section 27

Location: MCSO yard, NW corner of the lake

Time Zone: MST – all year

Data Repeater: Mt. Ord

Elevation: 1,540 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 24

Archived: Yes, from date of sensor installation

Site Description: Slight slope, 20' from lake, Soil type –dirt/grass

Obstructions: Structure 20' to SW of station

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	63500	01/24/00	Tipping Bucket	Hydrolynx	5050P	9.7	mm	Variable
Temperature	63501	01/24/00	Transducer, Radiation Shield	Hydrolynx	2048, 4550	8.6	deg F/C	15 minutes
Relative Humidity	63502	01/24/00	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	8.6	%	15 minutes
Dewpoint (calculated)	63516	01/26/00	---	---	---	---	deg F	15 minutes
Wind Speed	63504	01/26/00	Mechanical Wind	Young	5108	10.5	mph	15 minutes
Wind Direction	63505	02/01/00	Sensors	Young	5108	10.5	deg	15 minutes
Peak Wind	63506	01/24/00	---	---	---	---	mph	15 minutes
Solar Radiation	63511	01/24/00	Silicon photovoltaic cell	Hydrolynx	4015	10.3	watt/sqm	30 minutes
Barometric Pressure	63503	01/24/00	Solid state	Hydrolynx	1522	4.0	mb, inHg	30 minutes



South Mountain Fan Weather Station Meta Data Summary

Phoenix, Arizona

Date of Station Installation: 06/09/1993

Weather Sensors Installation: 06/09/1993



State: Arizona

County: Maricopa

Latitude: 33° 18' 54.7" (33.3152)

Longitude: 112°08' 01.3" (-112.1336)

TRS: T1S-R2E-Section 26

Location: Alignments of Ray Road and 35th Ave in South Mtn. Park

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 1,285 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 next to wash, Soil type –rocks/shrubs

Obstructions: No obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	70500	06/09/93	Tipping Bucket	Hydrolynx	5050P	12.2	mm	Variable
Temperature	70501	06/09/93	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	12.1	deg F/C	15 minutes
Relative Humidity	70502	06/09/93	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	12.1	%	15 minutes
Dewpoint (calculated)	70516	07/08/94	---	---	---	---	deg F	15 minutes
Wind Speed	70504	06/09/93	3-cup	Hydrolynx	5050WS	13.3	mph	15 minutes
Wind Direction	70505	05/01/01	Pointer	Hydrolynx	5050WD	13.4	deg	15 minutes
Peak Wind	70506	06/30/93	---	---	---	---	mph	15 minutes
Solar Radiation	70511	02/01/94	Silicon photovoltaic cell	Hydrolynx	4015	13.1	watt/sqm	30 minutes
Barometric Pressure	70503	02/24/94	Solid state	Hydrolynx	1522	4.7	mb, inHg	30 minutes



South Mountain Park Weather Station Meta Data Summary

Phoenix, Arizona

Date of Station Installation: 10/01/1987

Weather Sensors Installation: 12/15/1987



State: Arizona

County: Maricopa

Latitude: 33° 20' 39.8" (33.3444)

Longitude: 112° 01' 58.9" (-112.0330)

TRS: T1S-R3E-Section 15

Location: Alignments of Elliot Road and 24th Street

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 2,355 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 23

Archived: Yes, from date of sensor installation

Site Description: Sloped on a ridge, Soil type –rocks/dirt/shrubs

Obstructions: No obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	68500	10/01/87	Tipping Bucket	Hydrolynx	5050P	9.9	mm	Variable
Temperature	68501	12/15/87	Transducer, Radiation Shield	Hydrolynx	2048, 4550	9.1	deg F/C	15 minutes
Relative Humidity	68502	12/15/87	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	9.1	%	15 minutes
Dewpoint (calculated)	68516	07/08/99	---	---	---	---	deg F	15 minutes
Wind Speed	68504	12/15/87	3-cup	Hydrolynx	5050WS	10.1	mph	15 minutes
Wind Direction	68505	05/01/01	Pointer	Hydrolynx	5050WD	10.6	deg	15 minutes
Peak Wind	68506	07/21/93	---	---	---	---	mph	15 minutes
Solar Radiation	68511	07/21/93	Silicon photovoltaic cell	Hydrolynx	4015	10.4	watt/sqm	30 minutes
Barometric Pressure	68503	07/01/93	Solid state	Hydrolynx	1522	7.4	mb, inHg	30 minutes



Sycamore Creek Upper Weather Station Meta Data Summary

Sycamore Creek, Arizona

Date of Station Installation: 06/09/2012

Weather Sensors Installation: 06/09/2012



State: Arizona

County: Maricopa

Latitude: 33° 59' 15.4" (33.9876)

Longitude: 111° 27' 51.5" (-111.4643)

TRS: T8N-R9E-Section 31

Location: 9 miles NNW of Hwy 87 and FR 626 turn off

Time Zone: MST – all year

Data Repeater: Mount Ord

Elevation: 5,820 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 24

Archived: Yes, from date of installation

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

Obstructions: No Obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	82200	06/09/12	Tipping Bucket	Hydrolynx	5050P	12.1	mm	Variable
Temperature	82201	06/09/12	Capacitive Ceramic THERMOCAP	Vaisala	WXT510	14.1	deg F/C	15 minutes
Relative Humidity	82202	06/09/12	Film Polymer HUMICAP	Vaisala	WXT510	14.1	%	15 minutes
Dewpoint (calculated)	82216	06/09/12	---	---	---	---	deg F	15 minutes
Wind Speed	82204	06/09/12	Wind transducers (3 pcs)	Vaisala	WXT510	14.4	mph	15 minutes
Wind Direction	82205	06/09/12	Wind transducers (3 pcs)	Vaisala	WXT510	14.4	deg	15 minutes
Peak Wind	82206	06/09/12	---	---	---	---	mph	15 minutes
Barometric Pressure	82203	06/09/12	capacitive silicon BAROCAP	Vaisala	WXT510	14.1	mb, inHg	30 minutes



Thompson Peak Weather Station Meta Data Summary

Scottsdale, Arizona

Date of Station Installation: 07/27/1989

Weather Sensors Installation: 12/19/1995



State: Arizona

County: Maricopa

Latitude: 33° 38' 32.7" (33.64242)

Longitude: 111° 48' 33.2" (-111.80921)

TRS: T4N-R5E-Section 35

Location: 120th Street and Bell Road alignments

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 3,485 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: None

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	2500	07/07/92 07/27/89-07/07/92	Tipping Bucket	Hydrolynx	5050P	15.2	mm	Variable
Temperature	2501	12/19/95	Transducer, Radiation Shield	Hydrolynx	2048, 4550	14.2	deg F/C	15 minutes
Relative Humidity	2502	12/22/95	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	14.2	%	15 minutes
Dewpoint (calculated)	2516	01/11/03	---	---	---	---	deg F	15 minutes



Tiger Wash Fan Weather Station Meta Data Summary

Tonopah, Arizona

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

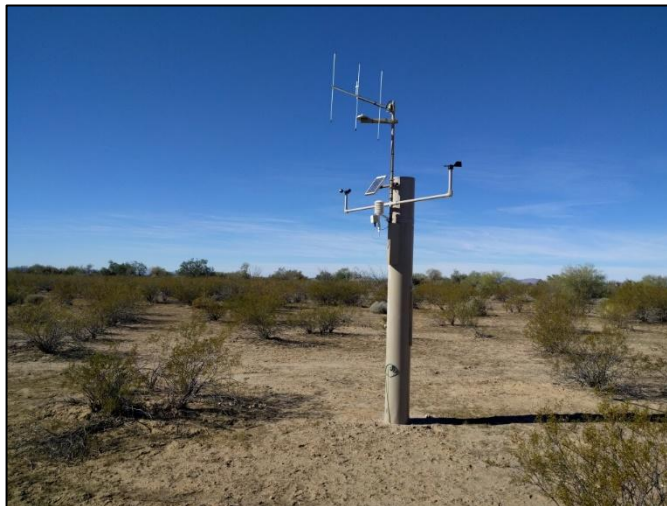
Site Description: Flat ground, Soil type – dirt/shrubs

Obstructions: No obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

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



Usery Mountain Park Weather Station Meta Data Summary

Mesa, Arizona

Date of Station Installation: 02/24/1994

Weather Sensors Installation: 02/24/1994



State: Arizona

County: Maricopa

Latitude: 33° 28' 54.1" (33.4817)

Longitude: 111°36' 57.4" (-111.6159)

TRS: T2N-R7E-Section 27

Location: ¼ mile WNW of the Crismon Rd and Thomas Rd Alignment

Time Zone: MST – all year

Data Repeater: Direct

Elevation: 2,065 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 24

Archived: Yes, from date of sensor installation

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

Obstructions: No obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	80700	02/24/94	Tipping Bucket	Hydrolynx	5050P	11.1	mm	Variable
Temperature	80701	02/24/94	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	11.9	deg F/C	15 minutes
Relative Humidity	80702	02/24/94	Probe, Radiation Shield	Vaisala, Hydrolynx	HMP155, 4550	11.9	%	15 minutes
Dewpoint (calculated)	80716	07/08/94	---	---	---	---	deg F	15 minutes
Wind Speed	80704	02/24/94	3-cup	Hydrolynx	5050WS	11.6	mph	15 minutes
Wind Direction	80705	05/01/01	Pointer	Hydrolynx	5050WD	11.7	deg	15 minutes
Peak Wind	80706	02/24/94	---	---	---	---	mph	15 minutes
Solar Radiation	80711	02/24/94	Silicon photovoltaic cell	Hydrolynx	4015	11.7	watt/sqm	30 minutes
Barometric Pressure	80703	02/24/94	Solid state	Hydrolynx	1522	9.9	mb, inHg	30 minutes



Wickenburg Airport Weather Station Meta Data Summary

Wickenburg, Arizona

Date of Station Installation: 08/03/1994

Weather Sensors Installation: 08/03/1994



State: Arizona

County: Maricopa

Latitude: 33° 57' 53.5" (33.9649)

Longitude: 112° 48' 14.4" (-112.8040)

TRS: T7N-R5W-Section 08

Location: 4.5 miles west of the US 60/93 junction

Time Zone: MST – all year

Data Repeater: Yarnell Hill

Elevation: 2,380 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/rock

Obstructions: No obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Detailed Sensor Data

Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	52800	08/03/94	Tipping Bucket	Hydrolynx	5050P	11.9	mm	Variable
Temperature	52801	08/03/94	Transducer, Radiation Shield	Hydrolynx	2048, 4550	12.0	deg F/C	15 minutes
Relative Humidity	52802	08/03/94	Polymer film, Radiation Shield	Hydrolynx	2048, 4550	12.0	%	15 minutes
Dewpoint (calculated)	52816	08/03/94	---	---	---	---	deg F	15 minutes
Wind Speed	52804	08/03/94	3-cup	Hydrolynx	5050WS	11.7	mph	15 minutes
Wind Direction	52805	05/01/01	Pointer	Hydrolynx	5050WD	11.8	deg	15 minutes
Peak Wind	52806	08/05/94	---	---	---	---	mph	15 minutes
Solar Radiation	52811	08/03/94	Silicon photovoltaic cell	Hydrolynx	4015	11.6	watt/sqm	30 minutes
Barometric Pressure	52803	08/03/94	Solid state	Hydrolynx	1522	8.7	mb, inHg	30 minutes

