



2022 Northern Arizona Climate Review

Presented by



FLAGSTAFF, AZ

NATIONAL WEATHER SERVICE



2022 Climate Summary

	Avg Temperature (F)	Departure from Normal	Temperature Ranking	Precipitation Total	Departure from Normal	Precipitation Ranking
Canyon de Chelly (Chinle)	53.4°	-0.1°	18 th warmest	11.52"	+2.77"	17 th wettest
Flagstaff	47.4°	+0.6°	20 th warmest	18.50"	-2.02"	44 th driest
Grand Canyon Airport	46.8°	+0.1°	13 th warmest	16.17"	+2.81"	5 th wettest
Page	61.2°	+0.4°	8 th warmest	5.03"	-1.10"	11 th driest
Payson	57.1°	+0.1°	18 th warmest	15.36"	-4.48"	10 th Driest
Prescott	55.4°	0.0°	21 st warmest	18.74"	+2.28"	59 th wettest
Saint Johns	54.6°	+0.1°	14 th warmest	11.18"	+1.82"	48 th wettest
Show Low	53.3°	+0.2°	13 th warmest	17.82"	+2.44"	14 th wettest
Window Rock	50.1°	+0.9°	8 th warmest	16.37"	+5.55"	Wettest
Winslow	56.9°	+0.2°	16 th Warmest	7.11"	+0.59"	52 nd Wettest



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Flagstaff

HIGHEST TEMPERATURE	89 ON 7/22 and 9/6
LOWEST TEMPERATURE	-7 ON 1/2
DAYS MAX TEMP 90 OR ABOVE	0
DAYS MAX TEMP 32 OR LOWER	8
DAYS MIN TEMP 32 OR LOWER	192
DAYS MIN TEMP 0 OR LOWER	4
TOTAL PRECIPITATION	18.50 INCHES
WETTEST DAY	1.56 INCHES ON 8/14
DAYS WITH MEASURABLE PRECIP	84
TOTAL SNOWFALL	56.3 INCHES
SNOWIEST DAY	11.4 INCHES ON 12/28
MAXIMUM SNOW DEPTH	11 INCHES ON 1/1 and 1/2
DAYS WITH MEASURABLE SNOW	21
DAYS 1 INCH SNOW OR MORE	14
HIGHEST SUSTAINED WIND	47 MPH ON 10/23
HIGHEST WIND GUST	61 MPH ON 5/1
AVERAGE WIND SPEED	7.1 MPH



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Winslow

HIGHEST TEMPERATURE	104 ON 7/21-22
LOWEST TEMPERATURE	2 ON 2/4
DAYS MAX TEMP 90 OR ABOVE	91
DAYS MAX TEMP 32 OR LOWER	0
DAYS MIN TEMP 32 OR LOWER	139
DAYS MIN TEMP 0 OR LOWER	0
TOTAL PRECIPITATION	7.11 INCHES
WETTEST DAY	0.61 INCHES ON 8/18 AND 10/3
DAYS WITH MEASURABLE PRECIP	54
HIGHEST SUSTAINED WIND	49 MPH ON 2/21
HIGHEST WIND GUST	62 MPH ON 4/19
AVERAGE WIND SPEED	8.0 MPH

STANDIN' ON THE CORNER





Prescott

Airport

HIGHEST TEMPERATURE	98 ON 7/17 and 07/20-21
LOWEST TEMPERATURE	9 ON 2/24
DAYS MAX TEMP 90 OR ABOVE	39
DAYS MAX TEMP 32 OR LOWER	2
DAYS MIN TEMP 32 OR LOWER	131
DAYS MIN TEMP 0 OR LOWER	0
TOTAL PRECIPITATION	12.55 INCHES
WETTEST DAY	1.14 INCHES ON 8/24
DAYS WITH MEASURABLE PRECIP	70
HIGHEST WIND GUST	86 MPH ON 9/8
AVERAGE WIND SPEED	6.8 MPH



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Monsoon 2022 Rainfall Summary

June 15 – September 30



Location	2022 Observed Precipitation (in)	Normal Precipitation (in)	Departure From Normal (in)	Percent of Normal	All-Time Ranking (Period of Record)
Bagdad	9.88"	5.10"	+4.78"	194%	5 th Wettest (1925-2022)
Bellefont	12.08"	7.87"	+4.21"	153%	4 th Wettest (1994-2022)
Blue Ridge Ranger Station	16.45"	8.24"	+8.21"	200%	Wettest on Record (1965-2022)
Bright Angel Ranger Station	7.01"	6.64"	+0.37"	106%	36 th Wettest (1925-2022)
Canyon de Chelly (Chinle)	5.34"	3.37"	+1.97"	158%	20 th Wettest (1909-2022)
Flagstaff Airport	10.63"	7.68"	+2.95"	138%	15 th Wettest (1898-2022)
Grand Canyon Airport	11.24"	5.34"	+5.90"	210%	2 nd Wettest (1997-2022)
Heber (Ranger Station)	13.66"	7.80"	+5.86"	178%	4 th Wettest (1950-2022)
Jerome	12.30"	7.26"	+5.04"	169%	6 th Wettest (1897-2022)
Navajo National Monument	8.60"	4.00"	+4.60"	215%	3 rd Wettest (1939-2022)
Page Airport	2.37"	2.03"	+0.34"	117%	20 th Wettest (1957-2022)
Payson	7.68"	7.09"	+0.59"	108%	37 th Wettest (1940-2022)
Phantom Ranch	2.24"	3.49"	-1.25"	64%	28 th Driest (1935-2022)
Prescott (Sundog Water Plant)	13.78"	7.28"	+6.50"	189%	5 th Wettest (1898-2022)
Prescott Airport	8.49"	5.86"	+3.30"	145%	14 th Wettest (1948-2022)
Saint Johns	6.35"	4.75"	+1.60"	134%	39 th Wettest (1902-2022)
Seligman	7.65"	5.36"	+2.29"	143%	16 th Wettest (1904-2022)
Show Low Airport	10.99"	7.03"	+3.96"	156%	6 th Wettest (1984-2022)
Sunset Crater Natl Mon	16.37"	8.00"	+8.37"	205%	Wettest on Record (1969-2022)
Walnut Canyon Natl Monument	15.42"	7.72"	+7.70"	200%	Wettest on Record (1951-2022)
Williams	10.71"	8.18"	+2.53"	131%	18 th Wettest (1897-2022)
Window Rock	11.84"	5.17"	+6.67"	229%	Wettest on Record (1998-2022)
Winslow	4.30"	3.00"	+1.30"	110%	33 rd Wettest (1915-2022)
Wupatki Natl Monument	8.02"	4.13"	+3.89"	194%	4 th Wettest (1940-2022)

2022 SIGNIFICANT WEATHER EVENTS

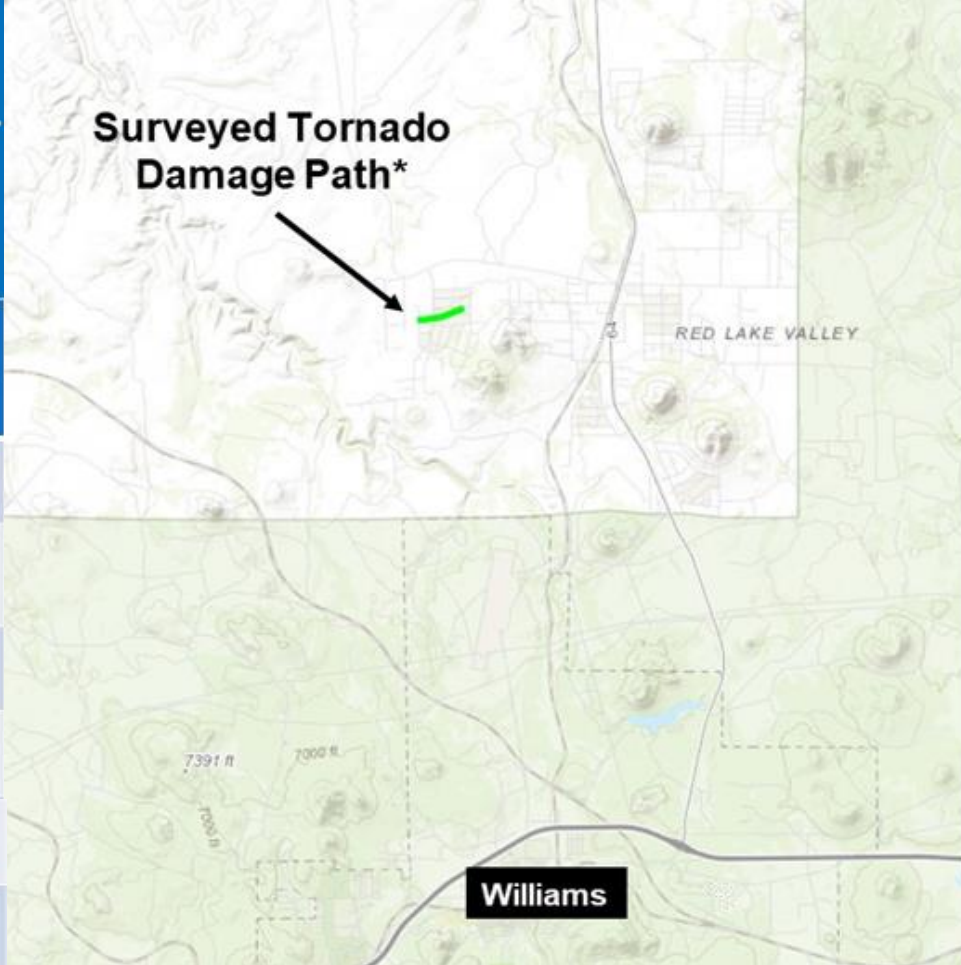
NORTHERN & CENTRAL ARIZONA



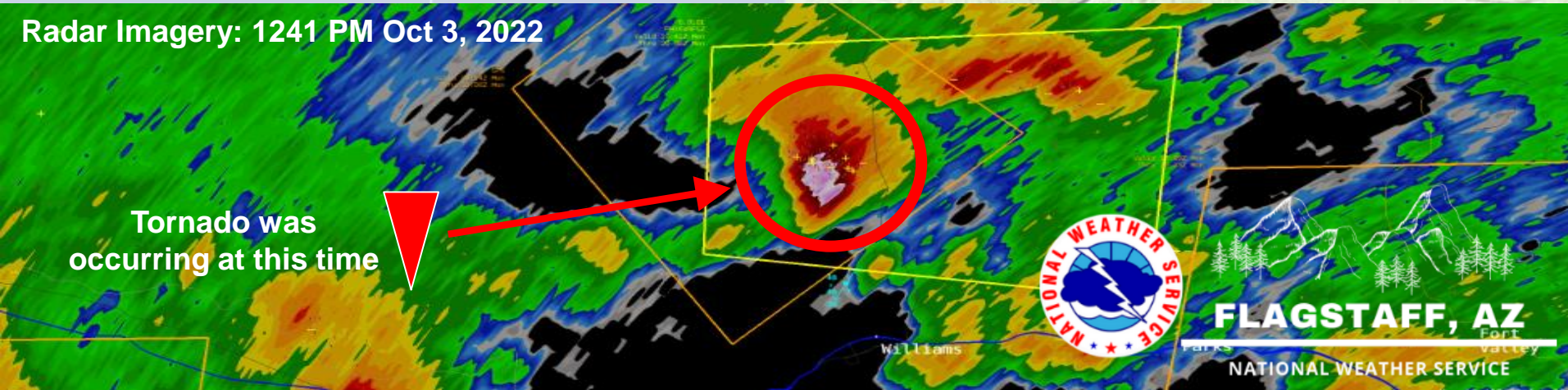
Oct. 3 Tornado Damage Survey Results

Western Coconino County Tornado (7 miles north of Williams)

Date	10/3/2022
Start – End Time	12:40 MST - 12:53 MST
EF Rating	EF-1
Est. Peak Winds	95-100 mph
Damage	At least 10 structures impacted Multiple tree/tree branches damaged
Injuries/Deaths	0



Radar Imagery: 1241 PM Oct 3, 2022



Tornado was occurring at this time

October 3 Tornado North of Williams

Impacts

A very narrow corridor of damage to trees, outbuildings, recreational vehicles, and residential structures were noted. The narrow nature of the damage path, orientation of the wind damage in conjunction with radar evidence yields high confidence to attribute the destruction to that of an EF-1 tornado with peak winds estimated around 95 to 100 mph. No injuries or fatalities have been reported with the tornado. In addition to the tornado, the storm produced copious amounts of quarter size hail, with a few residents noting hail to the size of golf balls.



Manufactured home slid off of its foundation.



Large tree trunk snapped.



Broken electrical line.



Snapped tree trunks.



Overturned RV.



Destroyed shed.