2017 MONSOON SEASON
Summer 2017

- **4th Hottest & 5th Wettest**
- 5th straight Summer in top 5 hottest
- 8.54” rainfall at Tucson Airport, normal is 4.84”
- Rainlog & Pima Co. ALERT gages recorded 3.0” to over 17” in the mountains
JUNE

- HOTTEST on record with record highs & lows
- 18 days of 105°F or greater
- 16th Driest: Trace of rainfall at Tucson Airport, normal 0.20”
- Rainlog & Pima ALERT gages recorded zero to 0.2”
June Departure from Normal Precipitation

Tucson, AZ: June, 2017 Monthly Departure from Normal Precipitation
Valid on: July 01, 2017 12:00 UTC

Map showing the June departure from normal precipitation in Tucson, AZ.
JULY

- 59th Coolest
- WETTEST on record: 6.80” rainfall at Tucson Airport, normal is 2.25”
- 2nd wettest calendar month on record
- 17 days with measurable rain at the airport
- Rainlog & Pima ALERT gages recorded 1.00” to over 10.0”
July Observed Precipitation

Tucson, AZ: July, 2017 Monthly Observed Precipitation
Valid on: August 01, 2017 12:00 UTC

What is UTC time?  Map Help

Switch Basemap  Reset View

NOAA

ESRI, HERE, Garmin, FAO, USGS, EPA, NPS

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DEPARTMENT OF COMMERCE
AUGUST

- 8th Hottest & 52nd Driest
- 1.74” rainfall at Tucson Airport, normal is 2.39”
- Rainlog & Pima ALERT gages recorded 0.48” to over 4”
- Tucson Airport Rainfall through August
  Calendar Year = 10.15” (7.91” Normal)
  Water Year = 11.83” (10.30” Normal)
August Departure from Normal Precipitation

Tucson, AZ: August, 2017 Monthly Departure from Normal Precipitation
Valid on: September 01, 2017 12:00 UTC

What is UTC time?  Map Help

Find address or location

Map Help

Switch Basemap

Reset View

Inches

8
5
4
3
2
1
.5
-1
-2
-3
-4
-5
-8

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0.03” rain at Tucson Airport, monthly normal is 1.29”
Preliminary 2017 Monsoon rainfall totals versus normal for selected sites in southeast Arizona. thru September 10th

- Tucson Airport: 8.57 inches
- Douglas Airport: 6.91 inches
- Nogales Airport: 9.15 inches
- Sierra Vista: 7.02 inches
- Oracle: 13.35 inches
- Safford Airport: 7.87 inches
- Willcox: 8.56 inches
- Picacho Peak: 7.03 inches
- Organ Pipe: 6.67 inches
- 1981-2010 Normals:
  - Tucson Airport: 5.32 inches
  - Douglas Airport: 6.18 inches
  - Nogales Airport: 9.77 inches
  - Sierra Vista: 3.82 inches
  - Oracle: 3.22 inches
  - Safford Airport: 5.79 inches
  - Willcox: 2.36 inches
  - Picacho Peak: 3.58 inches
  - Organ Pipe: 3.95 inches
Change in Drought Conditions

Comparative Map:
- **June 13, 2017**
- **September 5, 2017**

**Statistics Comparison**

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<th>D2-D4</th>
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