



Figure 3. January-June 2008 percent of normal rainfall.

Here are some of the highest precipitation totals for June 2008, dominated by northeast OK stations:

Claremore, OK (mesonet)	13.58	Jay, OK (mesonet)	12.08	Inola, OK (mesonet)	11.13
Spavinaw, OK (mesonet)	13.12	Copan, OK (mesonet)	11.78	Mannford 6NW, OK (coop)	10.97
Vinita, OK (mesonet)	13.06	Ralston, OK (coop)	11.14	Hectorville, OK (mesonet)	10.86

The large precipitation totals this month were primarily due to a series of mesoscale convective complexes that affected the region during the beginning and middle of the month. The heaviest period of rain occurred from June 8 – 9. On June 8th, the storm system affected primarily northeast Oklahoma, where 3 to 6 inches fell along and north of a Pawnee to Tulsa to Pryor line, and 1 to 3 inches fell elsewhere. The next day, widespread rainfall again affected the area, with the heaviest amounts of 1.5 to 6 inches this time occurring primarily south of Interstate 40. From June 16-21, rainfall amounts ranging from half an inch to around 2.5 inches occurred each day across primarily eastern Oklahoma. Several other days with rainfall amounts of 1 to near 4 inches occurred: June 1st, northeast of a Bristow to Poteau line; June 13, entire HSA; June 15, northeast Oklahoma; June 28, southeast Oklahoma.

This amount of rainfall during the month led to rising rivers, with levels exceeding major flood stage at two locations. Bird Creek at Avant (AVTO2) crested at 27 feet at 6 pm on June 9th (major flood stage is 26 feet) and was above the major flood level for approximately 11 hours. The Caney River near Collinsville (CVLO2) also crested above its major flood stage at 11 pm on June 11th with a crest of 33.57 feet (major flood stage is 33 feet), and remained in major flooding for approximately 27 hours. Out of the 39 river flood warnings issued this month, 15 warnings were issued on June 9th, and 9 were issued on June 16th. Please refer to the June E-3 report for specific flooding/crest information.

Reservoir levels remained high during the month, and at the end of June 2008, all reservoirs were at 100 percent of their conservation pools and most remained at or below 50 percent of their flood pools.

The U.S. Drought Monitor (USDM) from July 1, 2008 did not show any drought in the Tulsa HSA, and the US Seasonal Drought Outlook issued June 19, 2008 did not indicate any drought developing during the June 19 through September period. The Climate Prediction Center (CPC) outlook for the July through September 3-month period showed an equal chance for above, near, and below normal precipitation.

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Products issued:

- 39 River Flood Warnings
- 242 River Flood Statements
- 39 River Statements
- 0 Hydrologic Outlooks