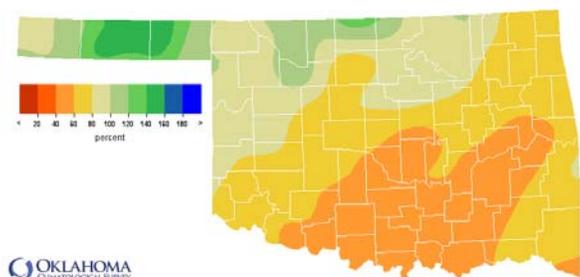
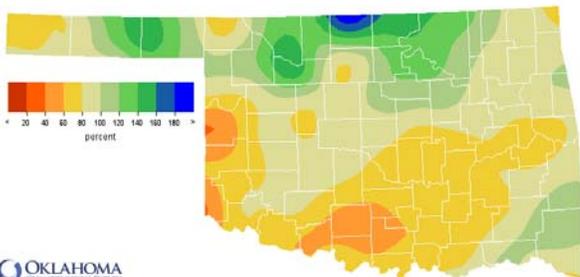


April 30, 2009

PRECIPITATION

Statewide Precipitation

CLIMATE DIVISION	Warm Growing Season March 1—April 27, 2009				Water Year October 1, 2008—April 27, 2009			
	TOTAL RAINFALL (INCHES)	DEPARTURE FROM NORMAL (INCHES)	PERCENT OF NORMAL	RANK SINCE 1921	TOTAL RAINFALL (INCHES)	DEPARTURE FROM NORMAL (INCHES)	PERCENT OF NORMAL	RANK SINCE 1921
Panhandle	3.10"	-0.20"	94%	33rd wettest	8.00"	+0.29"	104%	26th wettest
North Central	6.60"	+1.26"	124%	19th wettest	12.71"	-0.82"	94%	41st wettest
Northeast	7.56"	+0.29"	104%	31st wettest	16.45"	-3.90"	81%	38th driest
West Central	3.49"	-1.25"	74%	40th driest	9.78"	-2.41"	80%	41st driest
Central	5.70"	-0.72"	89%	42nd wettest	12.04"	-6.09"	66%	25th driest
East Central	6.47"	-1.52"	81%	41st driest	14.56"	-9.54"	60%	8th driest
Southwest	3.36"	-1.30"	72%	33rd driest	8.32"	-4.82"	63%	19th driest
South Central	4.54"	-2.39"	65%	24th driest	9.94"	-10.98"	48%	4th driest
Southeast	8.07"	-0.45"	95%	39th wettest	18.37"	-10.21"	64%	9th driest
Statewide	5.47"	-0.67"	89%	43rd wettest	12.21"	-5.35"	70%	20th driest

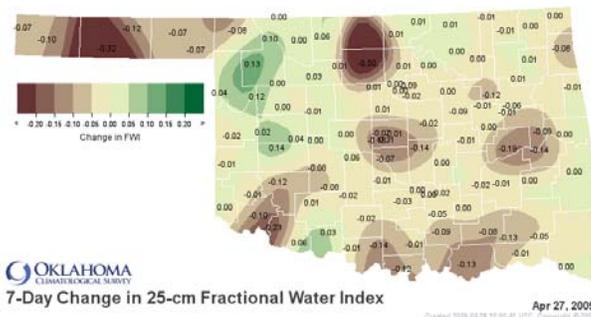
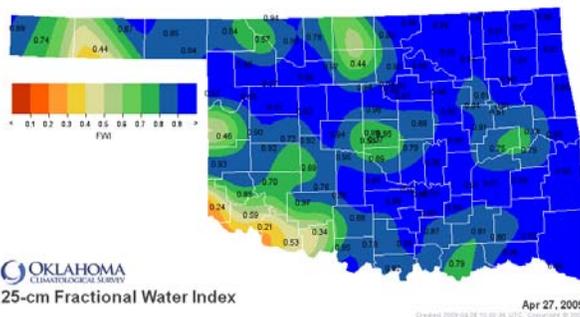


SOIL MOISTURE

Fractional Water Index¹

April 27, 2009

25 CM (~10 INCHES)



¹ The Fractional Water Index ranges from very dry soil having a value of 0 to soil at field capacity illustrated by a value of 1. Specifically, 1.0 to 0.8 equals Enhanced Growth, 0.8 to 0.5 equals Limited Growth, 0.5 to 0.3 equals Plants Wilting, 0.3 to 0.1 equals Plants Dying, and less than 0.1 equals Barren Soil.

DROUGHT INDICES

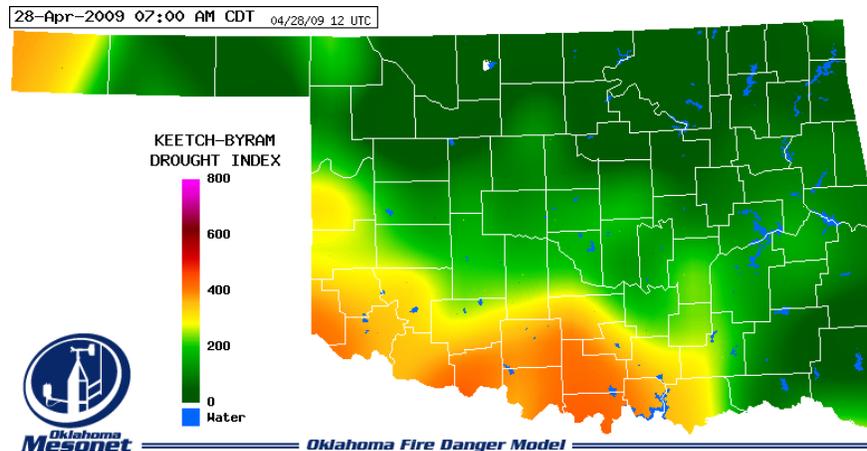
Palmer Drought Severity Index ¹					Standardized Precipitation Index ² Through March 2009			
CLIMATE DIVISION	CURRENT STATUS 3/28/2009	VALUE		CHANGE IN VALUE	3-MONTH	6-MONTH	9-MONTH	12-MONTH
		4/25	3/28					
Northwest	INCIPIENT MOIST SPELL	0.84	-0.39	1.23	NEAR NORMAL	NEAR NORMAL	VERY WET	NEAR NORMAL
North Central	EXTREME MOIST SPELL	4.11	3.57	0.54	NEAR NORMAL	NEAR NORMAL	NEAR NORMAL	MODERATELY WET
Northeast	UNUSUAL MOIST SPELL	2.74	3.30	-0.56	NEAR NORMAL	NEAR NORMAL	NEAR NORMAL	VERY WET
West Central	INCIPIENT MOIST SPELL	0.84	0.87	-0.03	MODERATELY DRY	NEAR NORMAL	NEAR NORMAL	NEAR NORMAL
Central	INCIPIENT MOIST SPELL	0.54	0.03	0.51	NEAR NORMAL	MODERATELY DRY	MODERATELY DRY	NEAR NORMAL
East Central	NEAR NORMAL	0.41	-0.39	0.80	MODERATELY DRY	EXTREMELY DRY	MODERATELY DRY	NEAR NORMAL
Southwest	MILD DROUGHT	-1.53	-1.21	-0.32	MODERATELY DRY	MODERATELY DRY	NEAR NORMAL	NEAR NORMAL
South Central	MODERATE DROUGHT	-2.03	-1.97	-0.06	VERY DRY	EXTREMELY DRY	EXTREMELY DRY	VERY DRY
Southeast	INCIPIENT MOIST SPELL	0.74	0.83	-0.09	MODERATELY DRY	VERY DRY	MODERATELY DRY	NEAR NORMAL

- Two climate divisions are currently experiencing drought conditions, according to the PDSI.
- Five climate divisions have undergone a PDSI moisture decrease since March 28.
- Six climate divisions are experiencing near long-term dry conditions, according to the SPI.

Keetch-Byram Drought Fire Index³

MESONET STATION	COUNTY	CLIMATE DIVISION	CURRENT VALUE 4/27/2009
Grandfield	Tillman	Southwest	444
Tipton	Tillman	Southwest	434
Ardmore	Carter	South Central	433

- Stations currently above 600 (April 27) = 0
- Stations above 600 on March 30 = 0



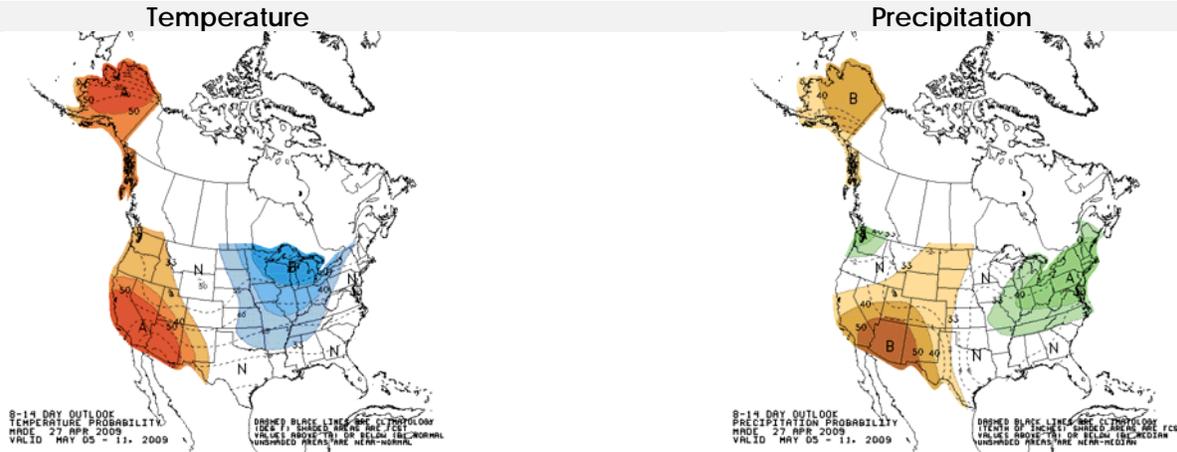
¹ The Palmer Drought Severity Index, the first comprehensive drought index developed in the United States, is calculated based on precipitation, temperature, and soil moisture. Though widely used by government agencies and states to trigger drought relief programs, the PDSI may underestimate or overestimate the severity of ongoing dry periods.

² The Standardized Precipitation Index, more sensitive than the PDSI, provides a comparison of precipitation over a specified period with precipitation totals from that same period for all years included in the historical record. The 3-month SPI provides a seasonal estimation of precipitation while the 6-month SPI can be very effective in showing precipitation over distinct seasons.

³ The Keetch-Byram Drought Index measures the state of near-surface soil moisture (within the uppermost eight inches of soil) as well as the amount of fuel available for fires. KBDI values of 600 and above are often associated with more severe drought and increased wildfire occurrence.

WEATHER/DROUGHT FORECAST

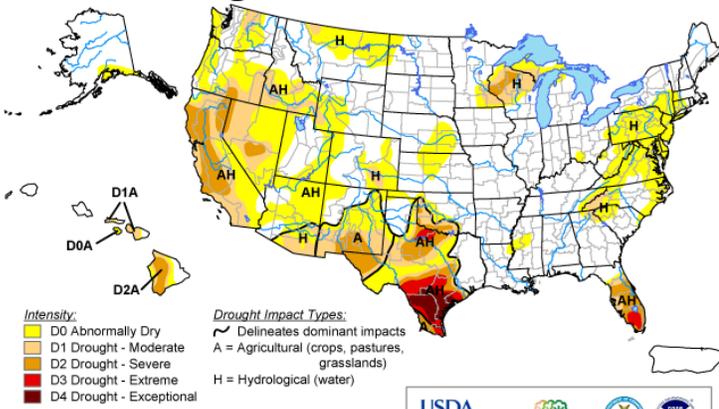
8- to 14-Day Outlook
May 5-11, 2009



Regional Drought Summary & Outlook

U.S. Drought Monitor

April 28, 2009
Valid 8 a.m. EDT



April 28—Showers and thunderstorms dotted the central and southern Plains, erasing dryness (D0) from parts of Kansas and easing moderate to exceptional drought (D1 to D4) in the central Texas region. However, rain bypassed several areas, resulting in the expansion of D0 from north-central Kansas into eastern Nebraska and the introduction of extreme drought (D3) into parts of north-central Texas. Across the south central U.S., winter wheat and other fall-sown grains continued to suffer due to drought and a severe early April freeze. According to the U.S. Department of Agriculture, nearly two-thirds (64%) of Oklahoma's winter wheat crop was rated in very poor to poor condition on April 26, along with nearly three-quarters (73%) of the Texas crop.

According to the latest Drought Outlook (April 16), moderate to heavy rains eased drought impacts across the central Gulf Coast, the Southeast outside the Florida Peninsula, the middle Atlantic region, and parts of the southern Plains over the last few weeks, helping to bring numerous wildfires under control across western Oklahoma and northern Texas. Other drought-affected parts of the country saw conditions persist during this period, with some expansion and deterioration noted in a few areas. Across the southern Plains, where the most serious drought conditions are currently entrenched, heavy rainfall in some areas during the last half of April and typically wetter May-July conditions should bring improvement to most areas, though recovery in far southern and southwestern Texas may be less robust.

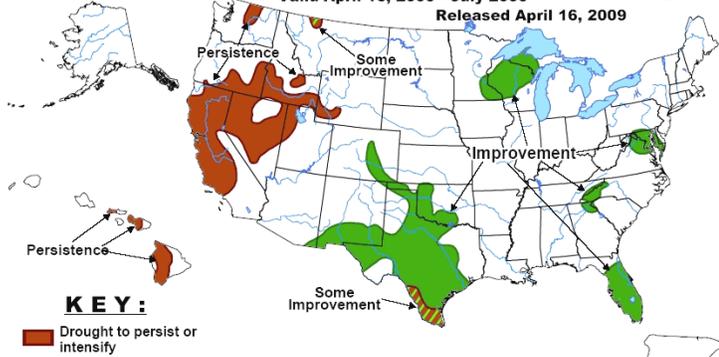
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

USDA
National Drought Mitigation Center
Released Thursday, April 30, 2009
Author: Brad Rippey, U.S. Department of Agriculture

<http://drought.unl.edu/dm>

U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period Valid April 16, 2009 - July 2009

Released April 16, 2009



KEY:
 Persistence
 Drought to persist or intensify
 Drought ongoing, some improvement
 Drought likely to improve, impacts ease
 Drought development likely

Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance. Use caution for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity). For weekly drought updates, see the latest U.S. Drought Monitor. NOTE: the green improvement areas imply at least a 1-category improvement in the Drought Monitor intensity levels, but do not necessarily imply drought elimination.

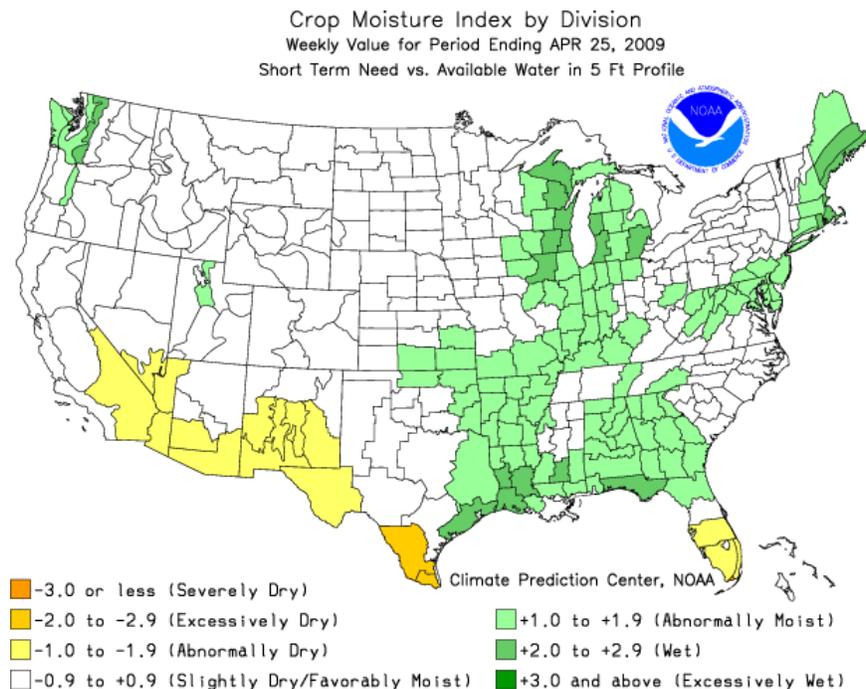
CROP REPORT

April 27, 2009—Heavy rain, hail, and high winds were experienced last weekend across much of the state. Two twisters hit Enid and Kremlin on Saturday and another two tornadoes struck in western Oklahoma on Sunday. Sustained rains in western and northern Oklahoma caused flooding in some low-lying areas. Hail damage to small grain and alfalfa fields was reported in northern and western Oklahoma. Small grain freeze damage is still thought to be moderate to heavy in west central, southwest, central, and south central regions. Topsoil and subsoil moisture conditions improved from the recent rains with topsoil rated mostly in the adequate range and subsoil rated in the adequate to short range. There were 5.2 days suitable for field work.

Producers continued evaluate the damage to their small grain crops after the freeze experienced three weeks ago. Wheat and rye continued to deteriorate and remained mostly in poor to very poor condition but oat conditions slightly improved and rated mostly in the fair to poor condition. Crop insect activities continued to range mostly in the light to no activity range. Winter wheat jointing was nearing completion at 98 percent, only one percentage point ahead of the five-year average. Wheat heading took a 28 point jump from the previous week to reach 59 percent, four points behind normal. Nine percent of the state's wheat crop was in the soft dough stage. Rye jointing was virtually complete at 99 percent, six points ahead of normal. Rye heading was at 80 percent, up 26 points from the previous week and two points ahead of the five-year average. Nine percent of the rye crop was in the soft dough stage. Sixty-six percent of the state's oats were jointing, one point behind normal. Eleven percent were headed, six points behind normal.

Due to high winds earlier in the week and heavy rain last weekend, seedbed preparation was slowed. Corn seedbed prepared was at 93 percent, two percentage points behind the five-year average. Corn planted was at 45 percent, up 12 points from the previous week, but 12 points behind normal. Nineteen percent of corn had emerged by week's end. Sorghum seedbed prepared was at 53 percent, four points ahead of normal. A small percentage of sorghum was planted by week's end. Soybeans seedbed prepared was at 49 percent, nine points behind normal. Six percent of soybeans have been planted. Seedbed prepared for peanuts was at 72 percent with a small percentage of peanuts planted. Cotton seedbed prepared was three-quarters complete, four points behind normal. Watermelons planted were at 13 percent, 23 points behind normal.

Hay cutting is behind normal in many areas due to lack of precipitation. Some areas have reported hail damage to alfalfa. Alfalfa hay first cutting was at 13 percent, 13 points behind the five-year average, while other hay first cutting was at 9 percent. Rains continue to provide relief to dry pastures. Pasture and range conditions improved from the previous week and were mostly in the excellent to good range. Livestock conditions increased from the previous week and were rated mostly in the good to fair range. Average livestock marketings were reported last week.



RESERVOIR STORAGE

- 5 reservoirs are currently operating at less than full capacity (compared to 6 four weeks ago).
- 17 reservoirs have experienced lake level decreases.

Storage in Selected Oklahoma Lakes & Reservoirs					
April 28, 2009					
<i>Lake or Reservoir</i>	<i>Normal Pool Elevation</i>	<i>Previous Elevation</i>	<i>Current Elevation</i>	<i>Change in Elevation</i>	<i>Current Flood Control Storage</i>
	(feet)	(feet)	(feet)	(feet)	(acre-feet)
North Central					
Fort Supply	2004.00	2004.45	2004.75	0.30	1,408
Great Salt Plains	1125.00	1125.98	1128.52	2.54	34,681
Kaw*	1010.00	1013.76	1015.96	2.20	110,932
Northeast					
Birch	750.50	756.25	752.79	(3.46)	2,712
Copan	710.00	714.43	714.54	0.11	25,790
Fort Gibson	554.00	558.86	556.30	(2.56)	45,570
Grand*	742.00	743.98	744.88	0.90	129,480
Hudson	619.00	622.14	619.96	(2.18)	10,608
Hulah	733.00	742.83	743.36	0.53	55,772
Keystone*	723.00	727.09	723.65	(3.44)	11,357
Oologah*	638.00	641.67	642.39	0.72	146,990
Skiatook	714.00	717.43	714.84	(2.59)	9,190
West Central					
Canton	1615.40	1616.00	1615.99	(0.01)	4,683
Foss	1642.00	1642.04	1642.23	0.19	1,587
Central					
Arcadia	1006.00	1006.85	1006.55	(0.30)	1,023
Heyburn	761.50	763.83	762.00	(1.83)	508
Thunderbird	1039.00	1038.94	1039.38	0.44	2,318
East Central					
Eufaula*	585.00	586.31	585.49	(0.82)	47,318
Tenkiller	632.00	634.82	634.04	(0.78)	26,724
Southwest					
Fort Cobb	1342.00	1342.27	1342.64	0.37	2,492
Lugert-Altus	1559.00	1551.64	1552.82	1.18	(35,208)
Tom Steed	1411.00	1406.57	1406.11	(0.46)	(28,019)
South Central					
Arbuckle	872.00	867.26	867.00	(0.26)	(11,140)
McGee Creek**	175.90	175.56	175.74	0.18	(1,940)
Texoma*	615.00	615.19	615.47	0.28	33,449
Waurika*	951.40	950.50	950.30	(0.20)	(10,843)
Southeast					
Broken Bow*	600.80	602.02	601.10	(0.92)	3,912
Hugo*	407.50	407.84	408.03	0.19	7,903
Pine Creek*	442.50	443.31	443.11	(0.20)	2,919
Sardis	599.00	599.40	599.24	(0.16)	3,329
Wister	478.00	481.55	479.45	(2.10)	9,447

* indicates seasonal pool operation

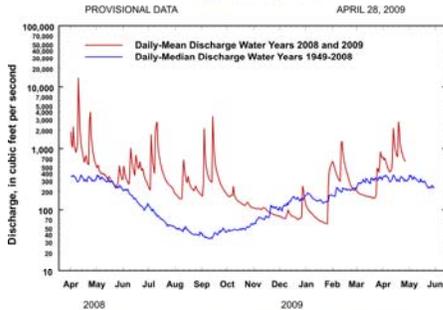
** elevation in meters

negative numbers in red, parentheses

STREAMFLOW CONDITIONS

Baron Fork at Eldon

Baron Fork at Eldon, Oklahoma
 Station No. 07197000 Northeast Oklahoma
 Drainage Area 307 square miles

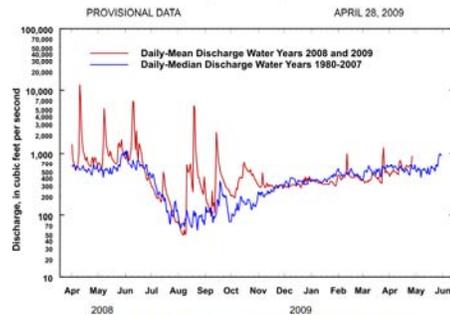


Comparison of daily discharges for water years 2008 and 2009 and period of record

Data from U.S. Geological Survey

Canadian River at Purcell

Canadian River at Purcell, Oklahoma
 Station No. 07229200 Central Oklahoma
 Drainage Area 25,939 square miles

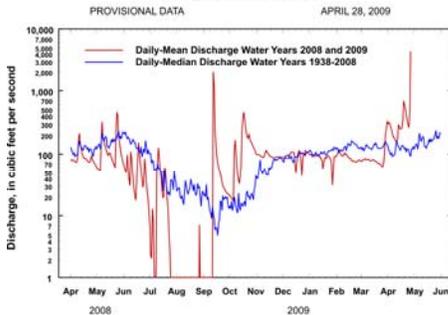


Comparison of daily discharges for water years 2008 and 2009 and period of record

Data from U.S. Geological Survey

Cimarron River near Waynoka

Cimarron River near Waynoka, Oklahoma
 Station No. 07158000 Northwest Oklahoma
 Drainage Area 13,334 square miles

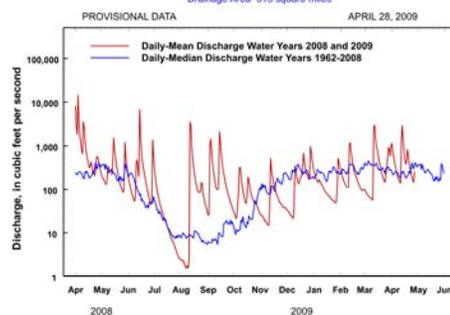


Comparison of daily discharges for water years 2008 and 2009 and period of record

Data from U.S. Geological Survey

Glover River near Glover

Glover River near Glover, Oklahoma
 Station No. 07337900 Southeast Oklahoma
 Drainage Area 315 square miles

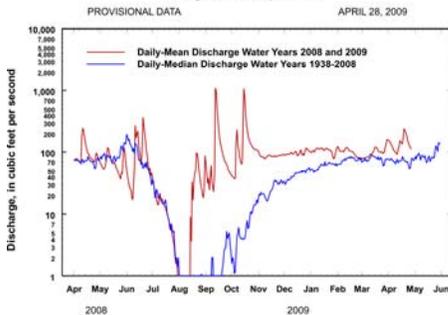


Comparison of daily discharges for water years 2008 and 2009 and period of record

Data from U.S. Geological Survey

North Fork of the Red River near Carter

North Fork of the Red River near Carter, Oklahoma
 Station No. 07301500 Southwest Oklahoma
 Drainage Area 2,337 square miles

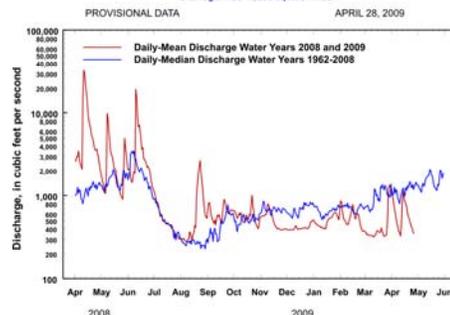


Comparison of daily discharges for water years 2008 and 2009 and period of record

Data from U.S. Geological Survey

Washita River near Dickson

Washita River near Dickson, Oklahoma
 Station No. 07331000 South-Central Oklahoma
 Drainage Area 7,202 square miles



Comparison of daily discharges for water years 2008 and 2009 and period of record

Data from U.S. Geological Survey



Water Bulletin information/data courtesy of National Weather Service, Climate Prediction Center, Oklahoma Climatological Survey, State Department of Agriculture, Food, and Forestry, Agricultural Statistics Service, U.S. Army Corps of Engineers, U.S. Department of Agriculture/Forest Service, U.S. Geological Survey, Western Drought Coordination Council, and National Drought Mitigation Center. For more information, visit www.owrb.ok.gov and www.mesonet.org.