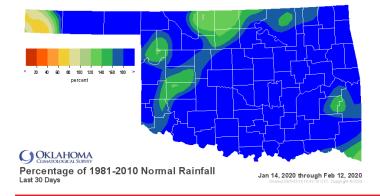
Oklahoma Water Resources Bulletin & Summary of Current Conditions

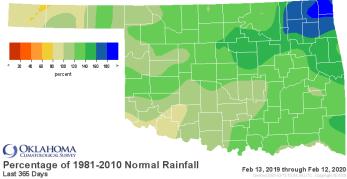


February 13, 2020

PRECIPITATION

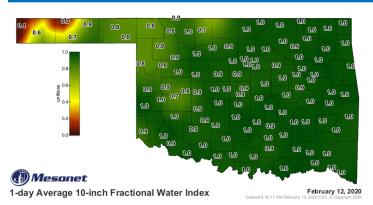
Statewide Precipitation										
	Jan	Last 3 - uary 14, 2020	0 Days - February 1	2, 2020	Last 365 Days February 13, 2019 – February 12, 2020					
Climate Division	Total Rainfall (inches)	Departure From Normal (inches)	Percent of Normal	Rank Since 1921	Total Rainfall (inches)	Departure From Normal (inches)	Percent of Normal	RANK SINCE 1921		
PANHANDLE	1.19"	+0.55"	187%	13th wettest	21.25"	+0.67"	103%	35th wettest		
NORTH CENTRAL	1.82"	+0.76"	172%	16th wettest	40.59"	+9.17"	129%	5th wettest		
NORTHEAST	3.66"	+1.86"	204%	3rd wettest	66.02"	+23.35"	155%	1st wettest		
WEST CENTRAL	1.77"	+0.75"	173%	15th wettest	35.71"	+7.31"	126%	9th wettest		
CENTRAL	4.10"	+2.50"	256%	2nd wettest	49.58"	+11.95"	132%	3rd wettest		
EAST CENTRAL	5.56"	+3.16"	232%	4th wettest	62.91"	+16.77"	136%	4th wettest		
SOUTHWEST	2.96"	+1.70"	235%	3rd wettest	32.69"	+2.42"	108%	21st wettest		
SOUTH CENTRAL	5.97"	+3.88"	286%	2nd wettest	48.98"	+8.27"	120%	9th wettest		
SOUTHEAST	5.95"	+2.78"	188%	8th wettest	65.60"	+15.01"	130%	7th wettest		
STATEWIDE	3.68"	+2.03"	223%	3rd wettest	47.16"	+10.69"	129%	3rd wettest		

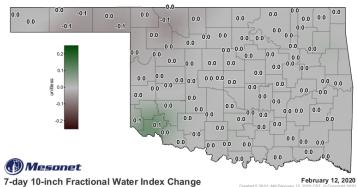




SOIL MOISTURE

Fractional Water Index February 12, 2020





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. [1.0-0.8 = Enhanced Growth; 0.8-0.5 = Limited Growth; 0.5-0.3 = Plants Wilting; 0.3-0.1 = Plants Dying; <0.1 = Barren Soil.]

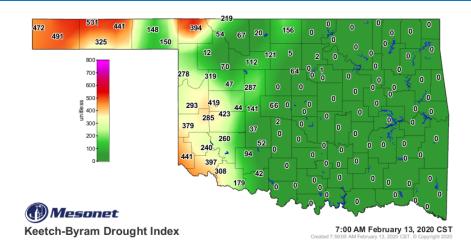
DROUGHT INDICES

Palmer Drought Severity Index (PDSI)					Standardized Precipitation Index (SPI) Through January 2020				
Climate Division	Status 02/08/20	Val 01/11	ue 02/08	Change in Value	3-month	12-month	24-month		
NORTHWEST	Unusual Moist Spell	2.39	2.75	0.36(+)	Abnormally Moist	Moderately Moist	Very Moist		
NORTH CENTRAL	Very Moist Spell	3.73	3.85	0.12(+)	Near Normal	Exceptionally Moist	Exceptionally Moist		
NORTHEAST	Extremely Moist	5.05	5.09	0.04(+)	Moderately Moist	Exceptionally Moist	Exceptionally Moist		
WEST CENTRAL	Near Normal	0.96	1.59	0.63(+)	Abnormally Moist	Very Moist	Very Moist		
CENTRAL	Extremely Moist	3.76	4.47	0.71(+)	Moderately Moist	Extremely Moist	Exceptionally Moist		
EAST CENTRAL	Extremely Moist	4.52	4.88	0.36(+)	Moderately Moist	Extremely Moist	Exceptionally Moist		
SOUTHWEST	Near Normal	-0.62	0.42	1.04(+)	Near Normal	Abnormally Moist	Moderately Moist		
SOUTH CENTRAL	Extremely Moist	3.28	4.00	0.72(+)	Abnormally Moist	Moderately Moist	Extremely Moist		
SOUTHEAST	HEAST Extremely Moist		4.39	0.06(-)	Near Normal	Very Moist	Extremely Moist		
extreme severe drought drought	drought normal mois	t spell moi	st spell	extremely moist	exceptionally extremely severely moderately dry dry dry -2.00 and -1.99 to -1.59 to -1.29 to below -1 60 -1 30 -0.80	dry normal moist r -0.79 to -0.50 to +0.51 to +0	derately very extremely exceptionally moist moist moist moist moist moist moist 1.80 to +1.30 to +1.60 to +2.0 and 1.29 +1.59 +1.99 above		

The PDSI is based upon precipitation, temperature, and soil moisture, and is considered most effective for unirrigated cropland, spanning from -10 (dry) to +10 (wet). According to the latest PDSI, as of Febrary 8, the West Central and Southwest regions were near normal but the rest of the state's climate regions were above normal.

The SPI provides a comparison of precipitation over several specified periods with totals from the same periods for all years included in the historical record. For all three time periods shown, all climate regions were near normal or wetter.

Keetch-Byram Drought Fire Index

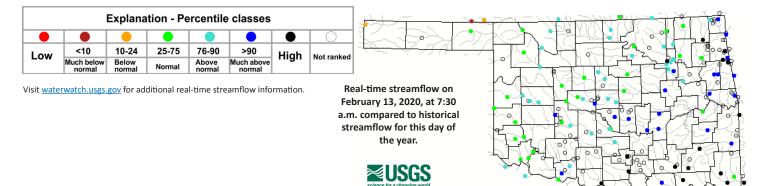


The Keetch-Byram Drought Index measures the state of near-surface soil moisture (within the uppermost eight inches of soil) as well as the amount of fuel available for fires.

KBDI values of 600 and above are often associated with more severe drought and increased wildfire occurrence.

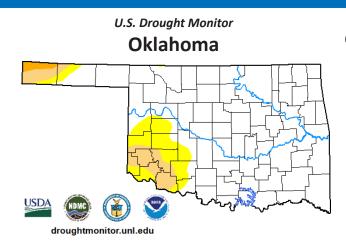
STREAMFLOW CONDITIONS

February 13, 2020



WEATHER/DROUGHT FORECAST

Drought Summary for Oklahoma



February 11, 2020 (Released Thursday, Feb. 13, 2020) Valid 7 a.m. EDT



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

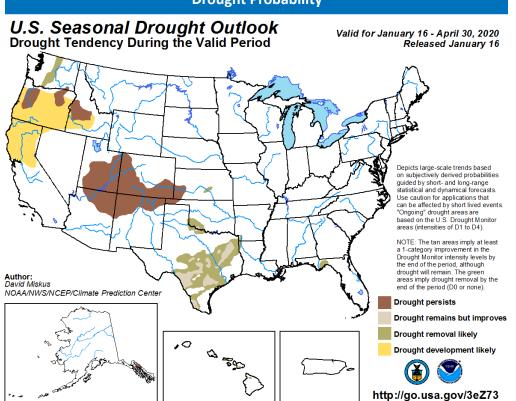
Author: Richard Tinker NOAA/NWS/NCEP/CPC

Drought Conditions (percent area)

Week	Date	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	DSCI
Current	2020-02-11	84.31	15.69	6.77	0.85	0.00	0.00	23
Last Week	2020-02-04	83.33	16.67	7.51	0.85	0.00	0.00	25
3 Months Ago	2019-11-12	81.20	18.80	10.04	0.78	0.00	0.00	30
Start of Calendar Year	2019-12-31	76.45	23.55	10.47	3.64	0.00	0.00	38
Start of Water Year	2019-10-01	71.94	28.06	11.08	1.01	0.00	0.00	40
One Year Ago	2019-02-12	92.41	7.59	0.00	0.00	0.00	0.00	8

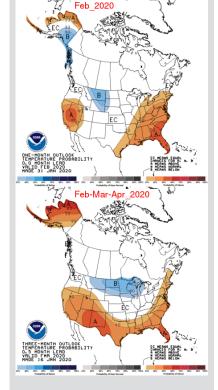
According to the latest U.S. Drought Monitor, as of February 13, 2020, the estimated Oklahoma population living in areas experiencing drought was 55,314. Less than 1% of the state in area is experiencing Severe Drought (D2) and about 6.8% remains in Moderate Drought (D1) or worse. Several areas (15.7%) in western parts of the state have Abnormally Dry (D0) conditions or worse.

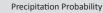
Drought Probability



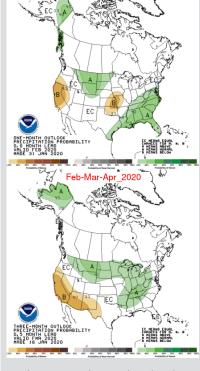
Seasonal Outlook

Temperature Probability





Feb 2020



The contours on the maps above show the total probability of three categories. "Above" is indicated by the letter "A"; "Below" is indicated by the letter "B"; "EC" indicates "Equal Chances" for A or B.

RESERVOIR STORAGE

Oklahoma Surface Water Resources

Reservoir Levels and Storage as of 2/10/2020

