U.S. Drought Monitor
Texas

May 2, 2017
(Released Thursday, May 4, 2017)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

<table>
<thead>
<tr>
<th></th>
<th>None</th>
<th>D0-D4</th>
<th>D1-D4</th>
<th>D2-D4</th>
<th>D3-D4</th>
<th>D4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>91.38</td>
<td>8.62</td>
<td>1.44</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Last Week</td>
<td>90.58</td>
<td>9.42</td>
<td>1.34</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>3 Months Ago</td>
<td>92.34</td>
<td>7.66</td>
<td>3.40</td>
<td>1.08</td>
<td>0.01</td>
<td>0.00</td>
</tr>
<tr>
<td>Start of Year</td>
<td>81.50</td>
<td>18.50</td>
<td>6.29</td>
<td>1.97</td>
<td>0.04</td>
<td>0.00</td>
</tr>
<tr>
<td>Start of Year</td>
<td>94.83</td>
<td>5.17</td>
<td>0.62</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>One Year Ago</td>
<td>89.33</td>
<td>10.67</td>
<td>1.08</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Intensity:
- D0 Abnormally Dry
- D3 Extreme Drought
- D1 Moderate Drought
- D4 Exceptional Drought
- D2 Severe Drought

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

Author:
Brian Fuchs
National Drought Mitigation Center

http://droughtmonitor.unl.edu/
Drought Severity Index by Division
Weekly Value for Period Ending Apr 29, 2017
Long Term Palmer

Drought Severity Index (Palmer)
Depicts prolonged (months, years) abnormal dryness or
wetness: responds slowly; changes little from week to week;
and reflects long-term moisture runoff, recharge, and deep
percolation as well as evapotranspiration.

Uses... Applicable in measuring disruptive effects of prolonged dryness
or wetness on water sensitive economies, designing disaster areas of drought
or wetness; and reflecting the general long-term status of water supplies
in aquifers, reservoirs and streams.

Limitations... Is not generally indicative of short-term (few weeks) status
of drought or wetness such as frequently affects crops and field crops
(this is indicated by the crop moisture index).
Crop Moisture Index by Division
Weekly Value for Period Ending Apr 29, 2017
Short Term Need vs. Available Water in a Shallow Soil Profile

CROP MOISTURE
DEPicts SHORT-TERM (UP TO 4 WEEKS)
ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE,
RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK
AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END
OF THE GROWING SEASON.

USES... APPLICABLE IN MEASURING THE SHORT-TERM, WEEK TO WEEK, STATUS
OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS

LIMITATIONS... MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS
WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A SHALLOW
SOIL PROFILE OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING
BELOW ABOUT 55°. IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS)
DRIGHT OR WET SPELLS WHICH ARE DEPICTED BY THE Drought SEVERITY INDEX.

-3.0 or less (Severly Dry)
-2.0 to -2.9 (Excessively Dry)
-1.0 to -1.9 (Abnormally Dry)
-0.9 to +0.9 (Slightly Dry/Favorably Moist)
-1.0 to +1.0 (Abnormally Moist)
+2.0 to +3.0 (Wet)
3.0 and above (Excessively Wet)

Based on preliminary data
U.S. Seasonal Drought Outlook
Drought Tendency During the Valid Period

Valid for April 20 - July 31, 2017
Released April 20, 2017

Author:
David Miskus
NOAA/NWS/NCEP/Climate Prediction Center

http://go.usa.gov/3eZ73

Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. “Ongoing” drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).