



Cotton Comments

OSU Southwest Oklahoma Research
and Extension Center
Altus, OK



September 5, 2023

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Current Situation

It has remained hot and dry over the past couple months for much of the cotton growing regions of Oklahoma. Drought conditions have caused cotton in many areas to suffer. Cotton in dryland and limited water situations has suffered in the Oklahoma heat. Pest pressure has been low over the past couple of weeks. Most of the cotton that I have looked at over the past week is at cut-out. As bolls open, fields need to be scouted for aphids. Aphids can produce honeydew that can get on the lint which can result in harvest/processing complications and fiber quality decreases. The current action threshold from Texas A&M AgriLife is 10 aphids per leaf after first cracked boll and 40-70 per leaf before cracked boll.



Photo credit: University of Tennessee

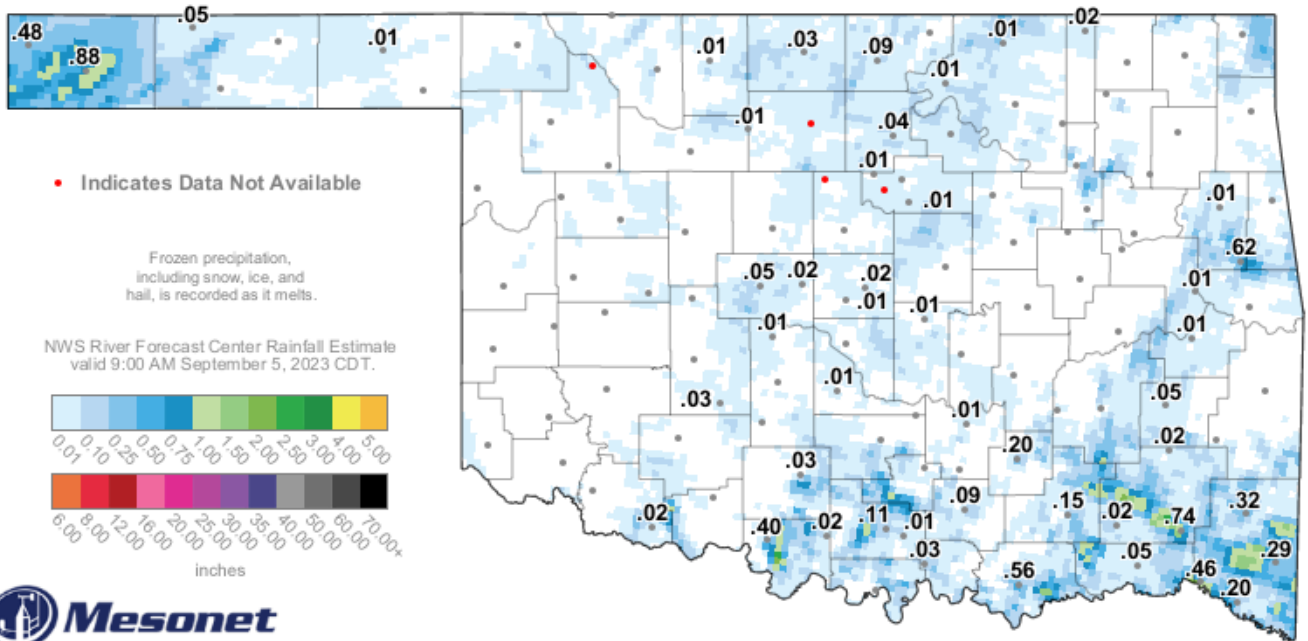
Harvest Aid Decisions

As we move into August, harvest aids decisions are being thought of. Effective harvest aid application is essential to maximize yield and prevent quality losses. Harvest aids will hasten the processes of defoliation and boll opening, but will not help the boll mature. To determine boll maturity, slice bolls horizontally and look for dark seed coats and little liquid (jelly) in the seeds. For information on harvest aids the 2021 Oklahoma Cotton Harvest Aid Guide can be found here: <https://extension.okstate.edu/fact-sheets/2021-oklahoma-cotton-harvest-aid-guide.html>



Photo Credit: University of Florida

Weather Update



14-Day Rainfall Accumulation (inches)

10:25 AM September 5, 2023 CDT

Created 10:30:50 AM September 5, 2023 CDT. © Copyright 2023

Next Seven Days

Weather Forecast Office

Norman, OK

Issued Sep 5, 2023 3:04 AM CDT



	Tue	Wed	Thu	Fri	Sat	Sun	Mon
Forecast	 20-40% ELEVATED	 20% LOW	 LOW	 20-30% LOW	 20-30% LOW	 20-60% LOW	 30-50% LOW
Impacts	Isolated Severe T-Storms Heat Advisory						
PM Highs	92 WWR, 99 PNC, 100 OKC, 105 SPS, 102 DUA	87 WWR, 91 PNC, 92 OKC, 102 SPS, 102 DUA	99 WWR, 96 PNC, 99 OKC, 106 SPS, 105 DUA	94 WWR, 94 PNC, 98 OKC, 107 SPS, 105 DUA	90 WWR, 93 PNC, 91 OKC, 99 SPS, 96 DUA	89 WWR, 91 PNC, 90 OKC, 98 SPS, 95 DUA	81 WWR, 83 PNC, 85 OKC, 94 SPS, 90 DUA
AM Lows	69 WWR, 76 PNC, 75 OKC, 78 SPS, 76 DUA	59 WWR, 65 PNC, 68 OKC, 74 SPS, 75 DUA	64 WWR, 66 PNC, 69 OKC, 76 SPS, 74 DUA	65 WWR, 70 PNC, 73 OKC, 79 SPS, 76 DUA	63 WWR, 66 PNC, 66 OKC, 71 SPS, 70 DUA	63 WWR, 66 PNC, 67 OKC, 70 SPS, 68 DUA	61 WWR, 64 PNC, 64 OKC, 69 SPS, 67 DUA

@NWSNorman

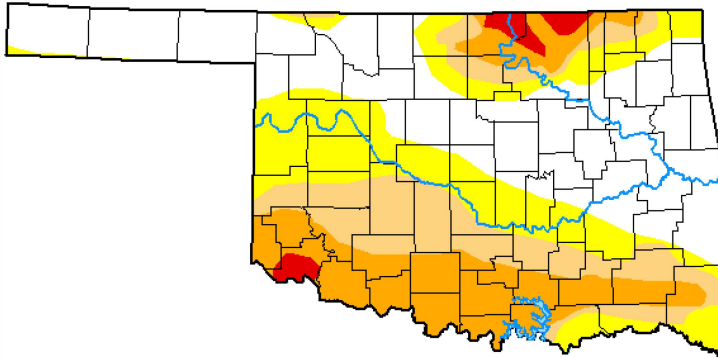
weather.gov/norman

U.S. Drought Monitor Oklahoma

August 29, 2023
(Released Thursday, Aug. 31, 2023)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	41.73	58.27	35.98	19.70	1.97	0.00
Last Week 08-22-2023	49.68	50.32	28.14	8.28	1.69	0.00
3 Months Ago 05-30-2023	37.13	62.87	50.44	43.18	24.99	2.70
Start of Calendar Year 01-03-2023	1.82	98.18	89.73	80.92	56.13	11.65
Start of Water Year 09-27-2022	0.00	100.00	99.88	94.44	64.44	17.25
One Year Ago 08-30-2022	0.02	99.98	98.98	88.22	47.13	2.19



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought


The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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droughtmonitor.unl.edu



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