



44th Annual Wheat Crop Report

May 7, 2024

OGFA 126th Annual Meeting

Oklahoma Wheat Tour Regions



2024 Crop Report Contributors

Panhandle: **Ernie Theilen**, Equity Exchange

North Central – West: **Josh Bushong**, OSU Extension

North Central – East: **Jeff Mitchell**, Farmers Grain Company

West Central: **Greg Hartman**, OSU Extension

Central: **Grant Mason**, Wheeler Brothers Grain Co.

Northeast: **Cole Patterson**, CGB Grain

Southwest: **Maxwell Smith**, OSU Extension

South Central: **Heath Sanders**, CHS

Southeast: **Michael Trammell**, OSU Extension

Panhandle Region

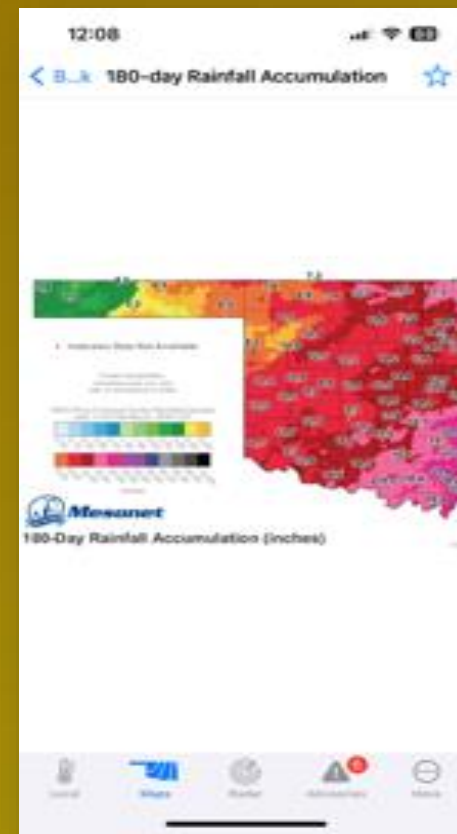
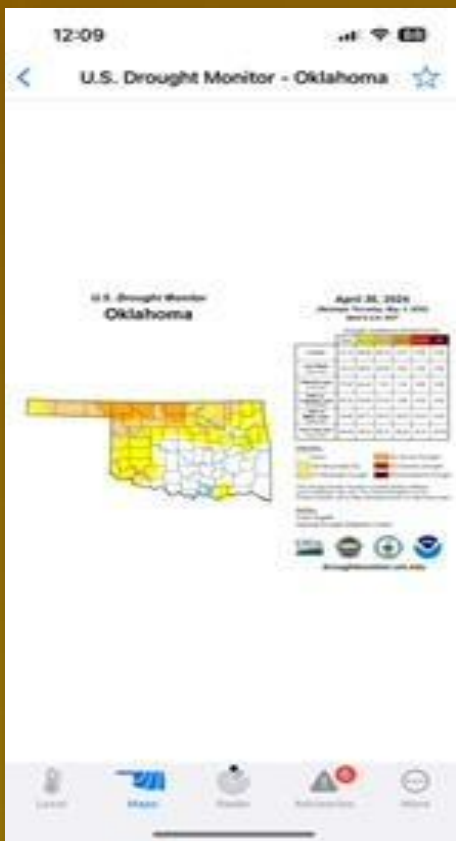


Ernie Theilen
Equity Exchange
Perryton, TX

General Comments

- Good moisture early that allowed for good stands in Beaver and Harper Counties
- Lack of moisture here of late is affecting yield potential by as much as 10 to 15 bu. in Beaver County.
- Seeing signs from hard freeze in early April. Damage is est. at 5 to 10% in Harper County.
- Drought in Texas and Cimarron Counties. Around 60% dryland in poor condition

2024 Annual Wheat Crop Report



Final Comments

- If we can catch some rain in May we still have the opportunity a good crop in Beaver Co.
- Harper Co. looks to be better than the last 2 years combined.
- Late rains will not help dryland in Texas and Cimarron Counties, but irrigated wheat looks promising.

Panhandle Region Estimates

County	Planted Acres	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Beaver	88,930	55,830	25	1.396
Cimarron	178,875	99,500	15	1.493
Harper	71,340	57,070	40	2.283
Texas	211,000	105,500	15	1.583
Total	550,145	317,900	21.2	6.755

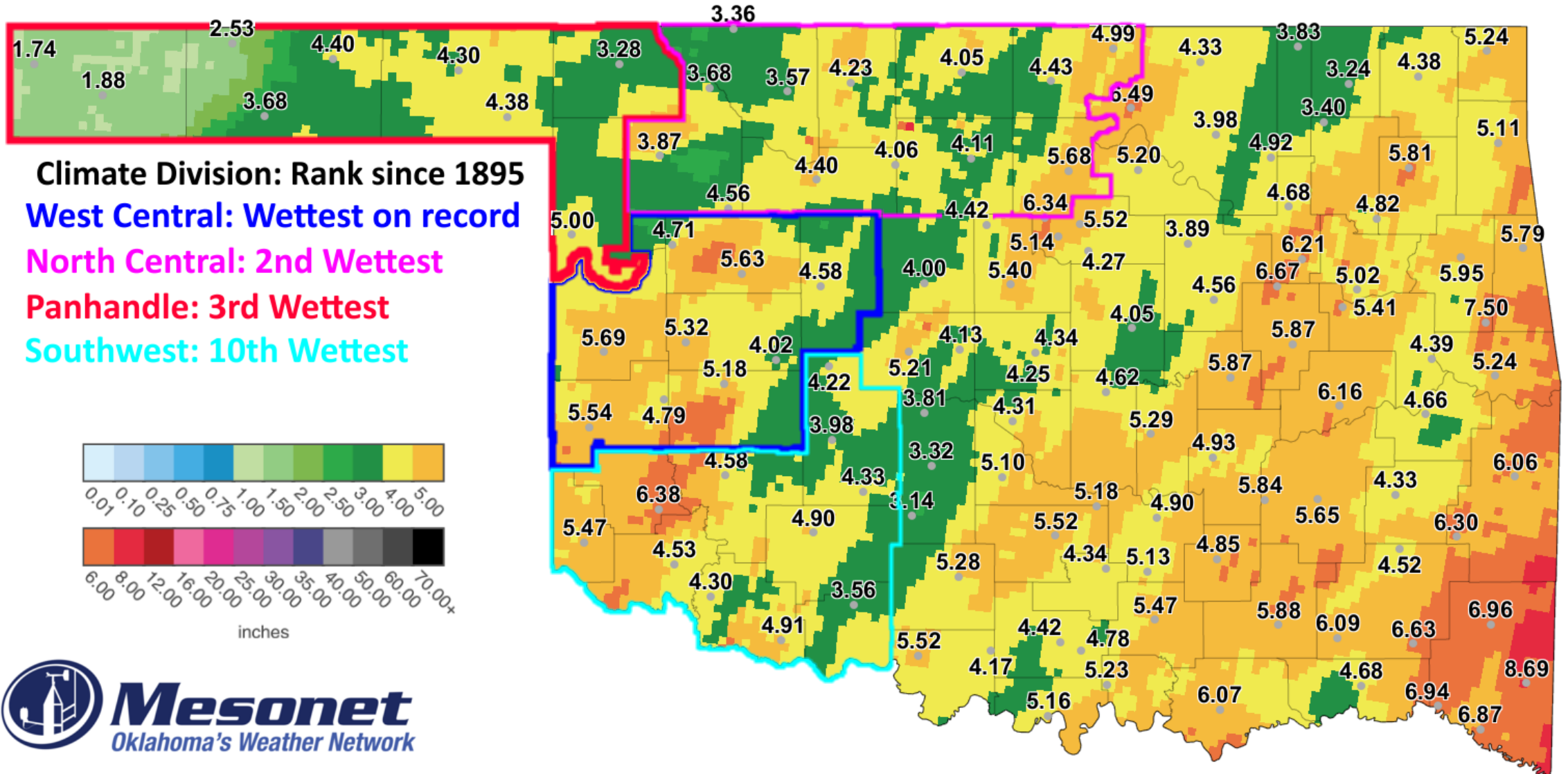
North Central – West Region



Josh Bushong
Area Extension
Agronomist
Enid, OK

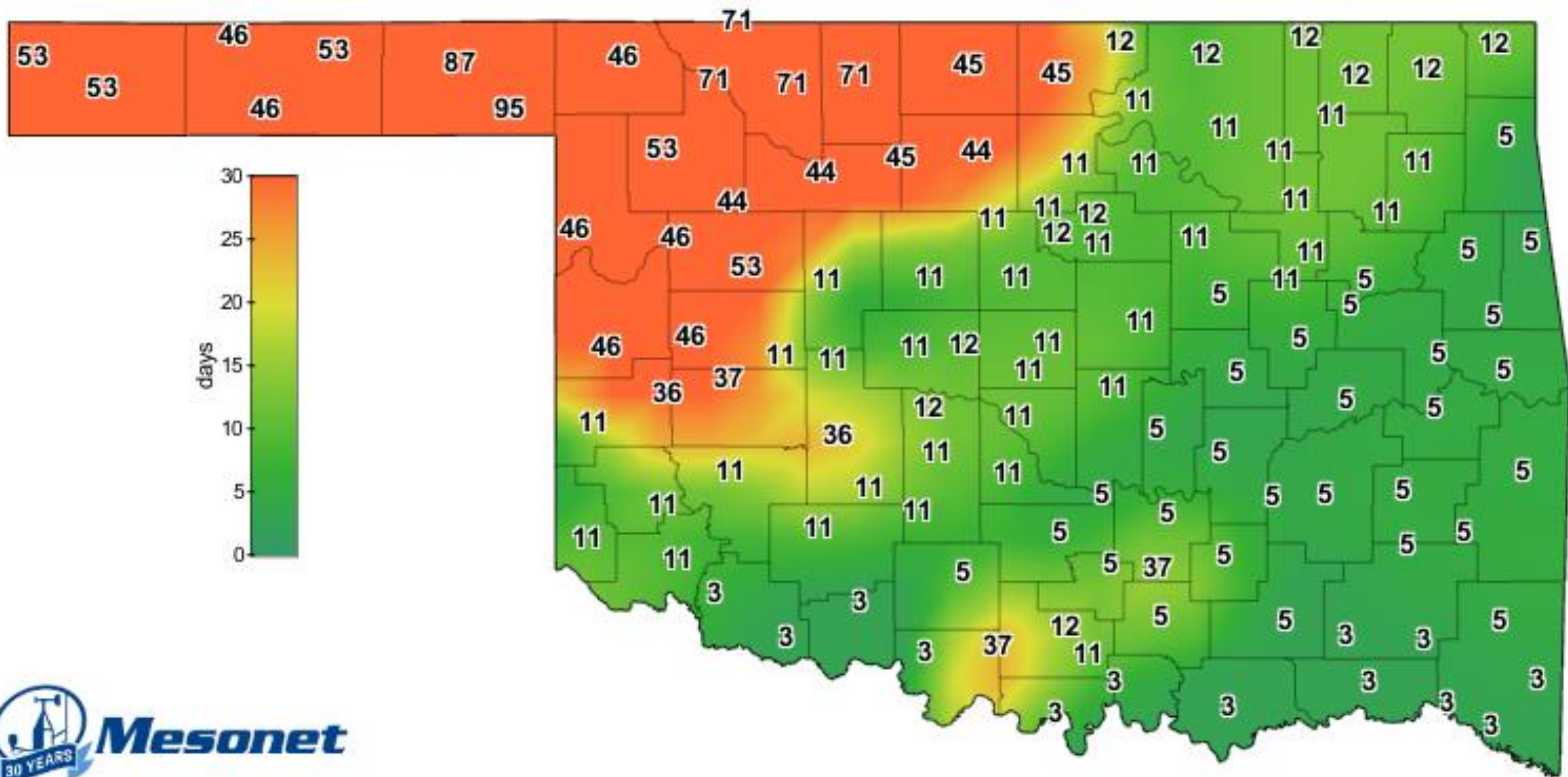
DECEMBER-JANUARY REMARKABLE MOISTURE

West Central Climate Division: Wettest since records began in 1895



Rainfall Accumulation (inches)

December 2023-January 2024

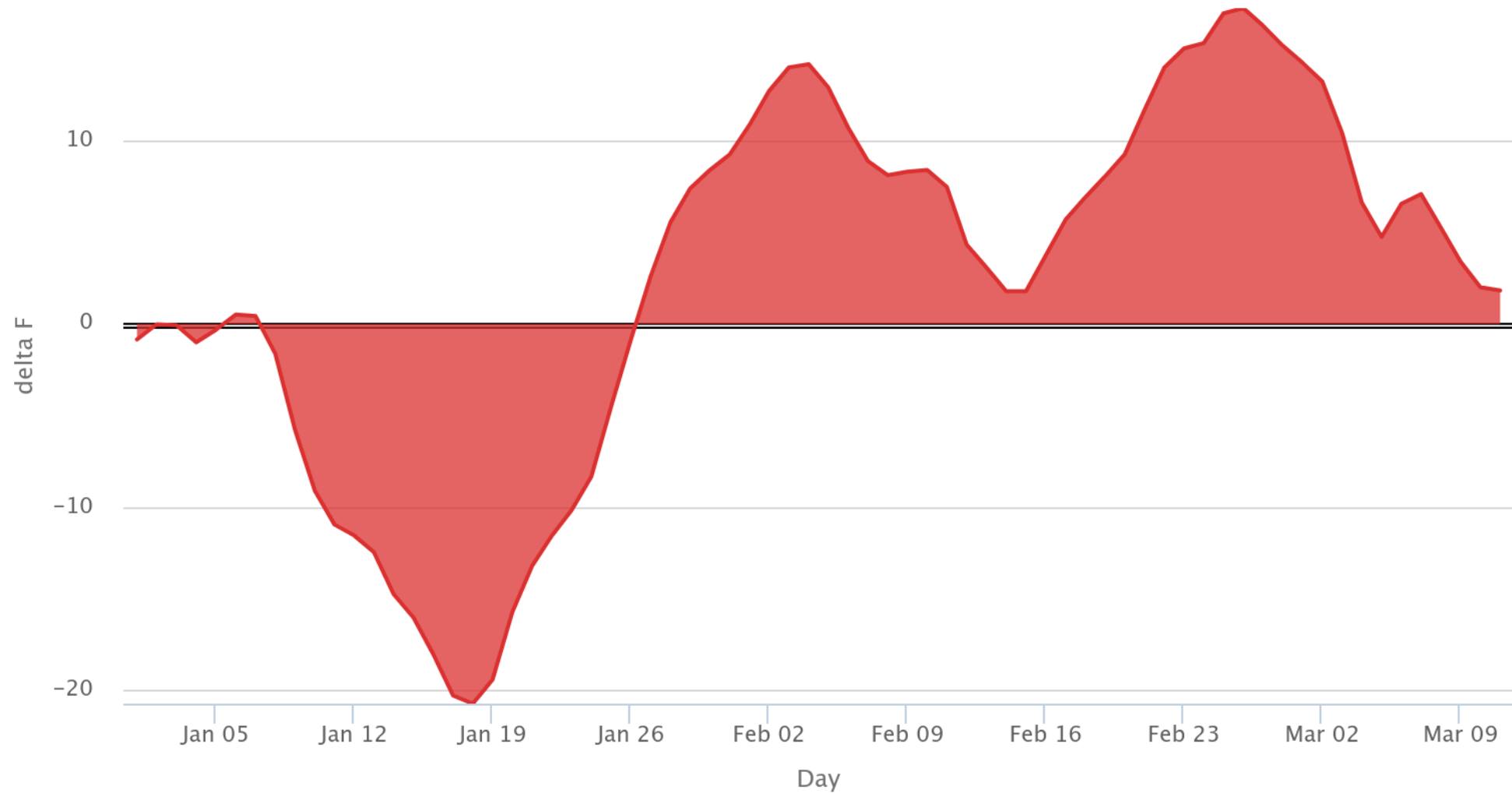


Consecutive Days With Less Than 0.25" Rainfall

March 19, 2024

Created 8:15:02 AM March 20, 2024 CDT. © Copyright 2024

Long-Term Averages



■ Statewide Average Maximum Air Temperature, 2024 departure from average, smoothed (delta F)

Spring Crop Condition

- High hopes, heat/drought/wind, so-so
- Double-crop & dual purpose worse off
- Weeds, bad rye year
- Decent fields maintained
 - Fungicides and topdress













Smith's Gold

IBA

DOUBLESTOP CL +







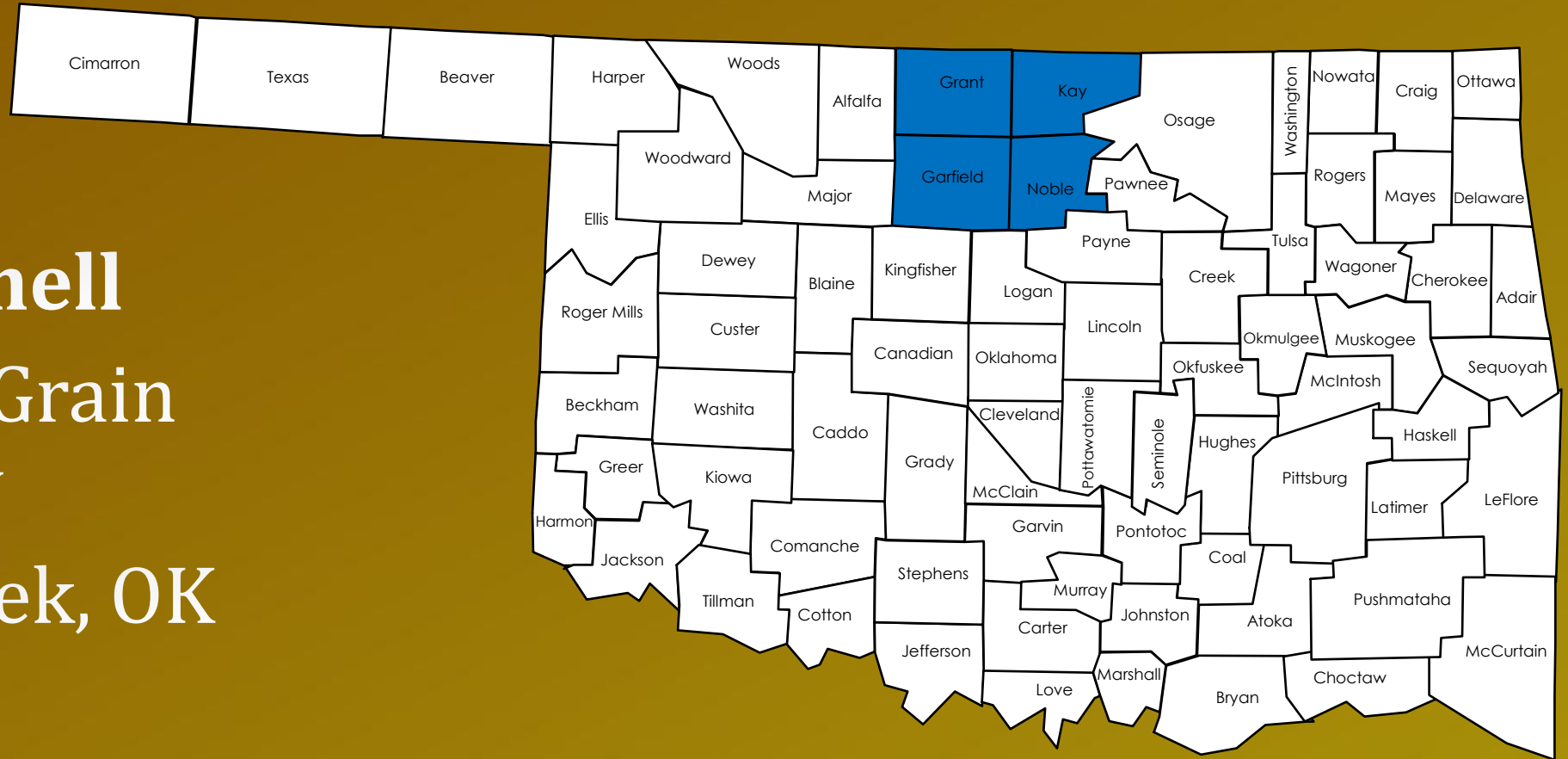
Final Comments

- Limited rain this spring
- Dry/hot/windy late-Feb into Mar
- Few pests, some Stipe rust
- A lot of “average” wheat
- Drought/freezes reduced yields
- 60-93% harvestable acres

North Central – West Region Estimates

County	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Alfalfa	180,872	29.0	5.245
Woods	126,030	28.5	3.592
Major	85,591	30.2	2.585
Woodward	24,546	25.7	0.631
Total	417,039	28.9	12.053

North Central – East Region



Jeff Mitchell
Farmers Grain
Company
Pond Creek, OK

General Comments

- Started growing season out with planting into moisture.
- Wheat looking good all winter
- No moisture at green up
- March fertilizer applications never got rained in.
- Freeze damage

General Comments

- Flag leaf pushed out about three weeks earlier than normal
- A lot of wheat got fungicide
- Didn't see much disease

Drought Spots Showing Up



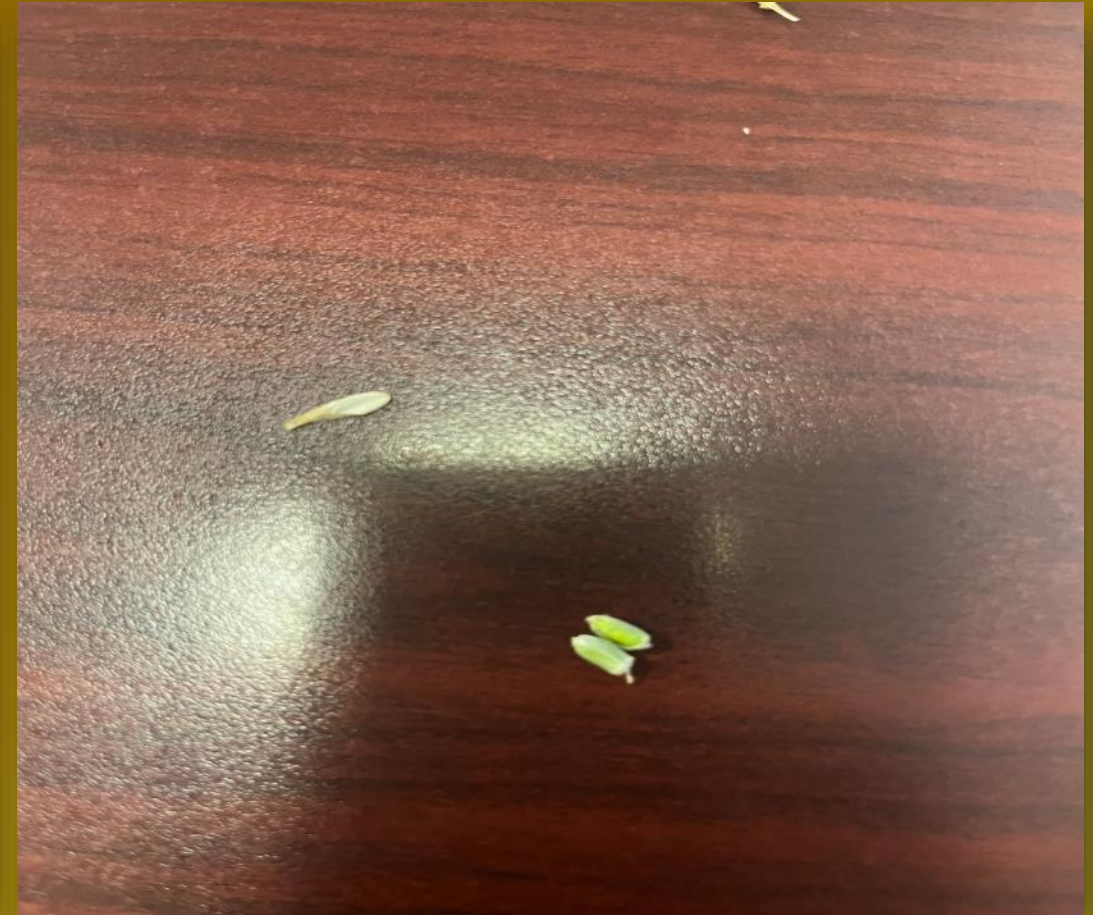
Drought Spots



Drought Took Out Secondary Tillers



Drought head has grain be shriveled probably go out the back of machine!!!



WORST DROUGHT/COMPACTION!!



BETTER FIELD IN AREA!!!!



FARMER FORGOT WHAT VARIETY HE PLANTED!!!!!!



Final Comments

- LOOKED LIKE GOING TO BE GREAT WHEAT CROP!!!!
- MOISTURE WAS ABOUT 3 TO 4 WEEKS TO LATE!!!!
- BE BELOW AVERAGE WHEAT CROP FOR GARFIELD AND GRANT COUNTIES!!!
- BE AVERAGE WHEAT CROP FOR NOBLE AND KAY COUNTIES!!
- COULD BE LOTS OF HARVEST AIDS WEEDS ARE COMING ON FAST SINCE MOISTURE EVENTS !!!

North Central – East Region Estimates

County	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Garfield	212,000	32	6.784
Grant	209,000	33	6.897
Kay	85,000	42	3.570
Noble	58,000	34	1.972
Total	564,000	34.08	19.223

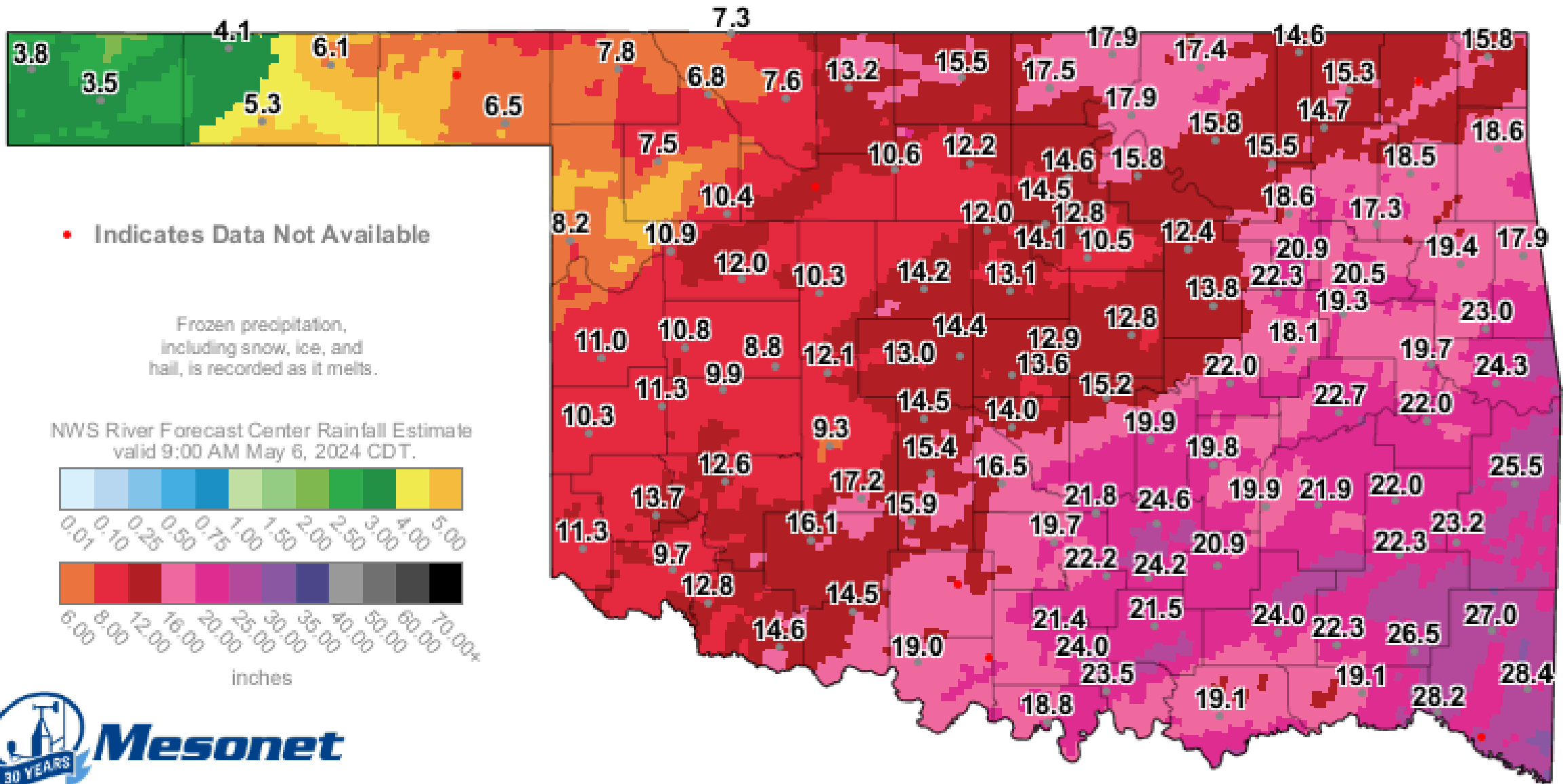
West Central Region



Greg Hartman
Extension Educator,
Beckham County
Sayer, OK

General Comments

- Moisture was fair at germination
- Good moisture in the late Fall for tillering
- No moisture going into dormancy
- No moisture breaking dormancy
- Average normal moisture in the Spring
- Crop is very up and down



180-Day Rainfall Accumulation (inches)

9:55 AM May 6, 2024 CDT

Created 10:00:55 AM May 6, 2024 CDT. © Copyright 2024

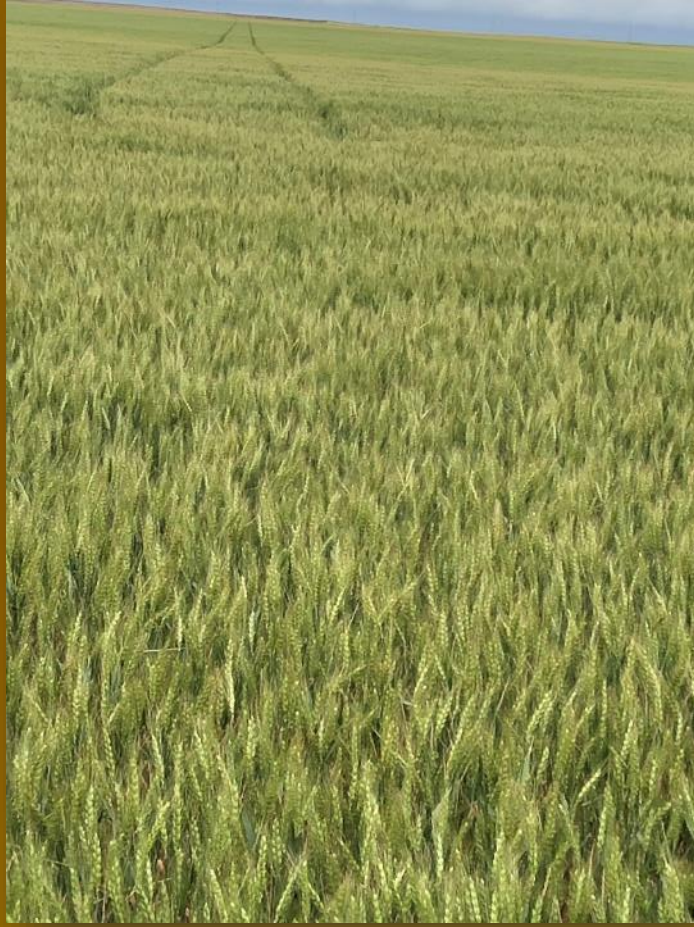
2024 Annual Wheat Crop Report



2024 Annual Wheat Crop Report



2024 Annual Wheat Crop Report



West Central Region Estimates

County	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Beckham	13,000	27	0.351
Custer	60,000	39	2.340
Dewey	32,000	38	1.216
Ellis	7,700	24	0.185
Roger Mills	6,500	24	0.156
Washita	76,000	39	2.964
Total	195,200	36.95	7.212

General Comments

- Recent rains have really helped with grain fill.
- Top end yields not as high, but don't see many poor yielding fields either.
- Rust was horrible this year.
- Overall, pretty decent crop.

Overall Representation



Issues





Final Comments

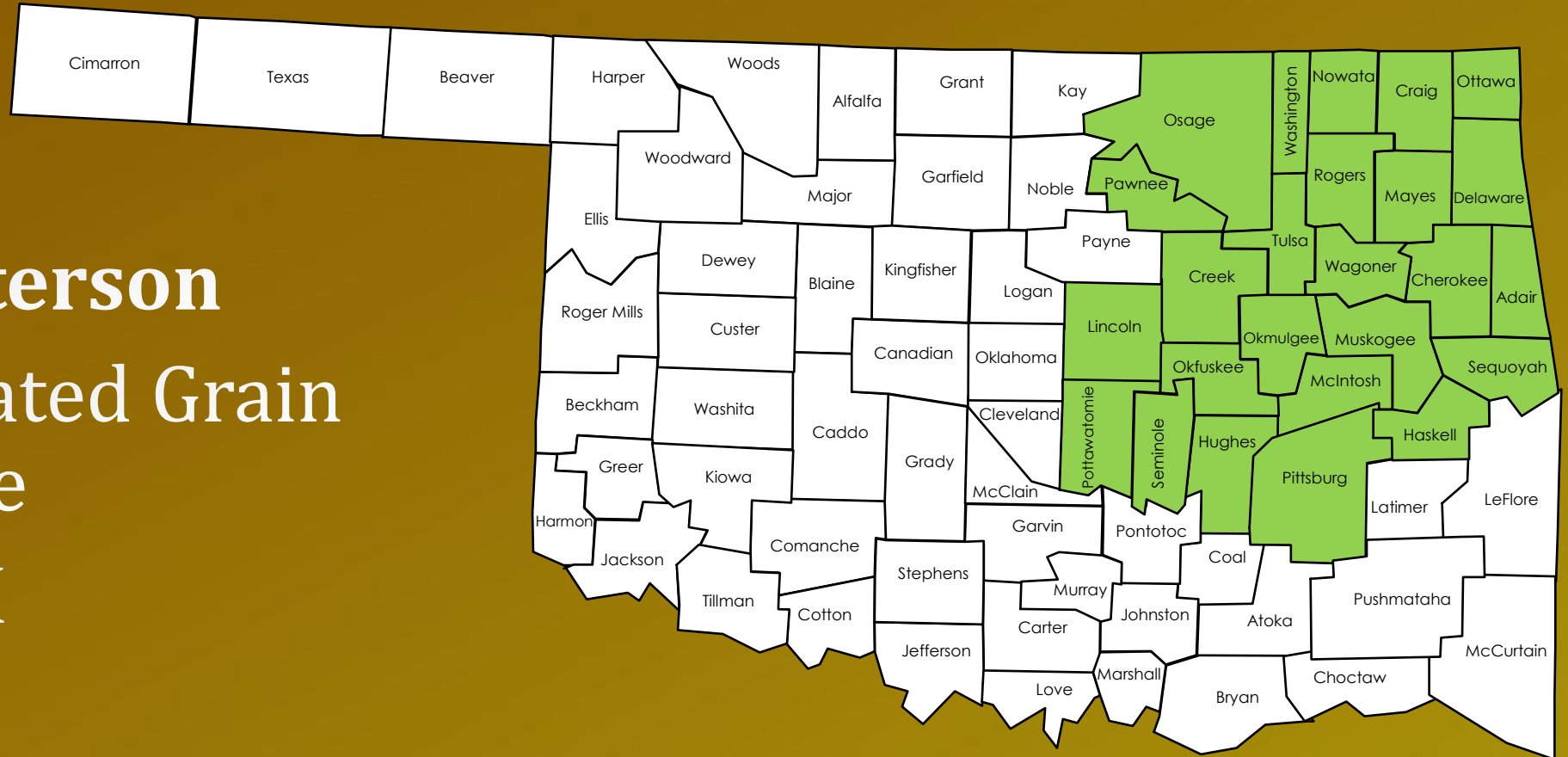
- Should be a pretty decent crop if mother nature will cooperate.
- Will be obvious who applied fungicide and who didn't.
- Please encourage seed treatment, smut continues to worsen.

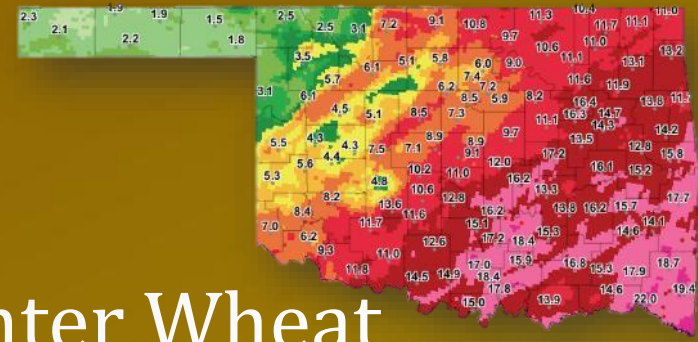
Central Region Estimates

County	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Blaine	117,000	37	4.329
Canadian	100,000	36	3.600
Kingfisher	125,000	40	5.000
Logan	28,000	33	0.924
Oklahoma	1,500	36	0.054
Payne	4,200	38	0.159
Total	375,700	37.4	14.066

Northeast Region

Cole Patterson
Consolidated Grain
and Barge
Tulsa, OK





General Comments

- Slightly less planted acres for Hard Red Winter Wheat
- Overall crop condition is in good condition
- Optimal moisture in most counties during planting
- Timely precipitation during the growing season
 - All counties received an average of 11 in. of rain from Feb. through April
- No visible indications of insect dmg., weather dmg., discoloration, disease, weed pressure, or freeze dmg.
- Average to slightly above production for the NE region
- Samples were taken May 1st

Washington/Nowata/Rogers Co.

- River bottom ground
- Thick plant stands
- Estimated yield: 60 bpa



Craig/Ottawa/Mayes Co.

- Thick/uniform plant stands
- Filling
- Estimated yields: 63 bpa



Wagoner/Muskogee Co.

- Uniform plant stands
- Slightly lower plant population
- Estimated yield: 51 bpa



Lincoln/Pottawatomie Co.

- Uniform plant stands
- Delayed planting due to weather
- Some weed pressure
- Estimated yield: 47 bpa



Final Comments

- Optimal moisture in most counties during planting
- Timely rains throughout the growing season
- No evidence of crop damage or concerns thus far
- Sufficient moisture for kernel fill
- On course for slightly above average production

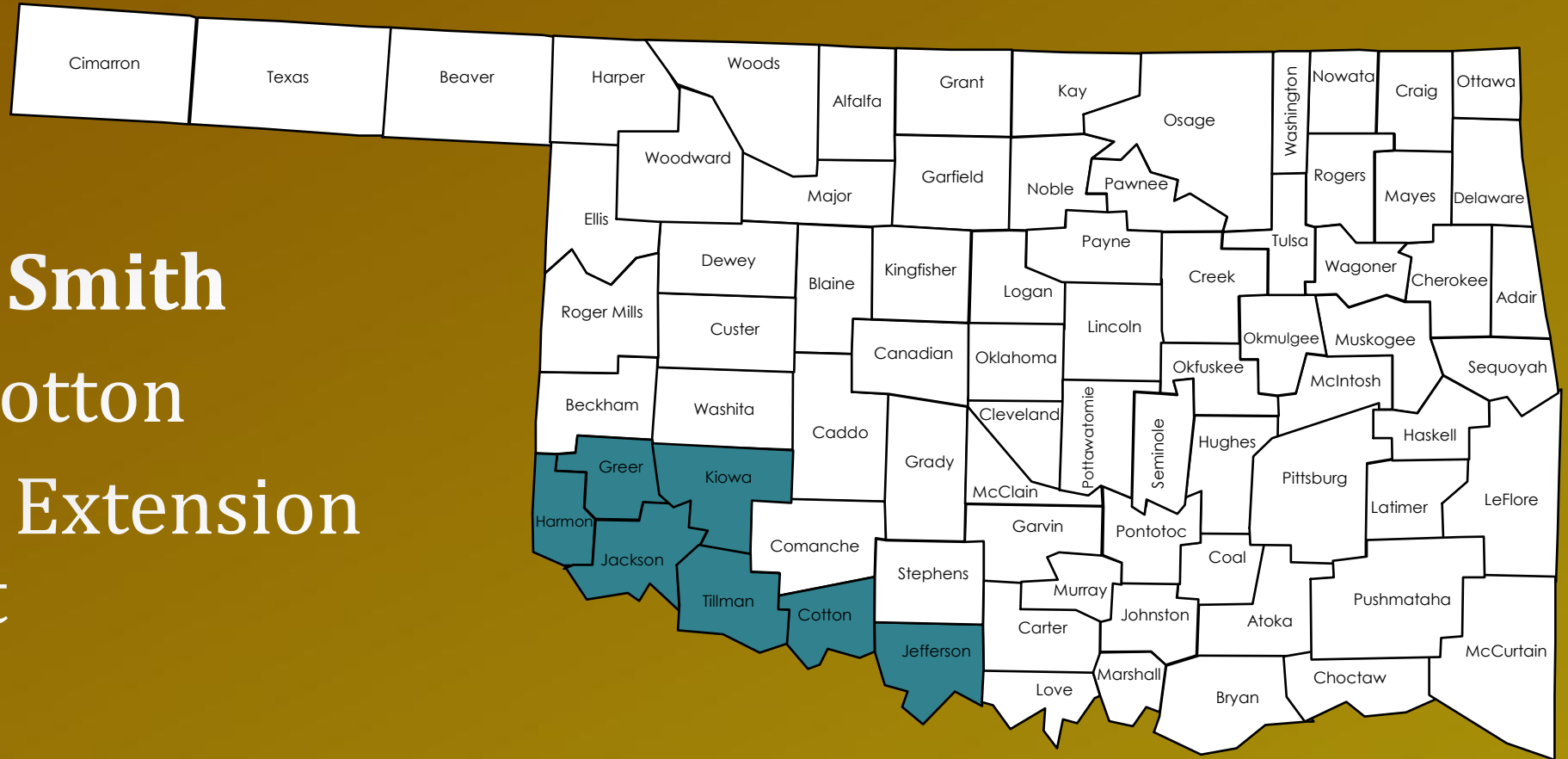


Northeast Region Estimates

Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
45,000	56	2.520

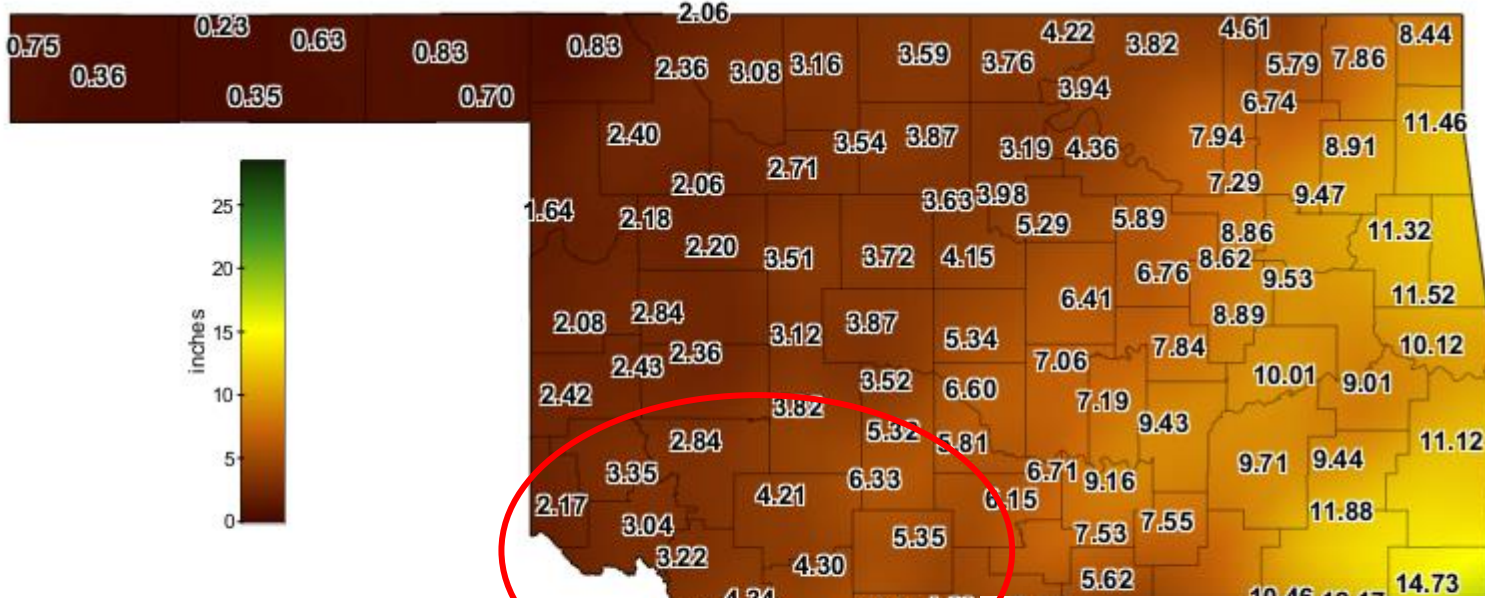
Southwest Region

Maxwell Smith
IPM for Cotton
Assistant Extension
Specialist
Altus, OK

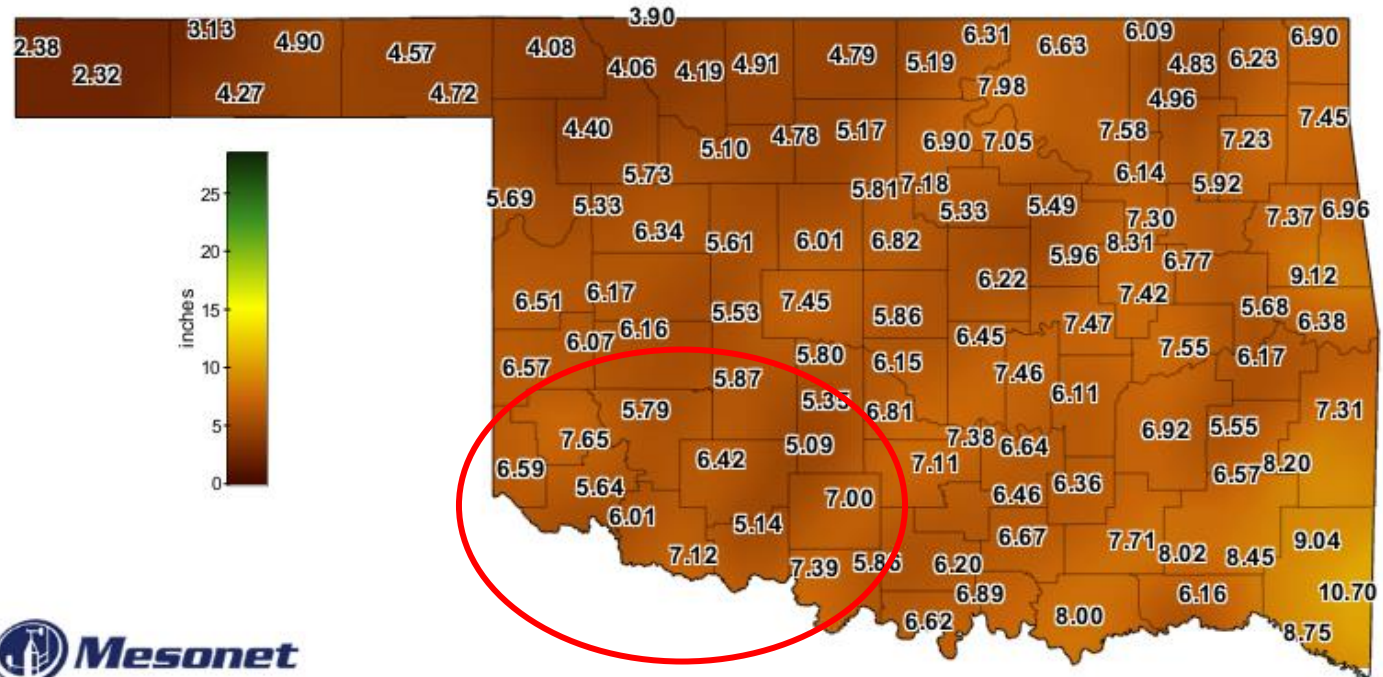


General Comments

- The 2024, SWOK wheat crop was a nice change from previous years
- Moisture from late fall through the winter along with a mild winter helped get the crop develop well
- Prior to April, the crop was ~2 weeks ahead of schedule
- Drier conditions in April led to slower development late
- Localized areas of drought stress
- Localized areas of freeze damage
- STRIPE RUST was the story of the year



Mesonet
Total Rainfall



Mesonet
Total Rainfall

General Comments

- Few insects: Mites in the fall, aphids in the spring
- Disease: STRIPE RUST
- Weeds: broadleaves in the fall, grasses followed: wild oats, rescuegrass, downy brome, feral rye, cheat

2024 Annual Wheat Crop Report



Final Comments

- Rainfall in the last 2 weeks should help this crop finish
- Acres that received fungicide applications should produce well
- Recent hailstorms may have cause some losses in some of the area
- These are estimates, should be looked at as a moving average

Southwest Region Estimates

County	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Cotton	96,866	30.9	2.993
Greer	56,970	43.5	2.478
Harmon	41,390	44	1.821
Jackson	111,234	39.6	4.405
Jefferson	640	32.9	0.021
Kiowa	109,861	28.4	3.120
Tillman	122,270	43.7	5.343
Total	539,231	37.4	20.181

South Central Region

Heath Sanders
CHS
Frederick, OK



General Comments

- Fall
 - Started off hot and dry
 - Many acres dusted in, finally rained mid-end of October, comparable to year before
 - Producers were chasing wheat pasture for calves
- Winter
 - Good growing conditions and moisture
- Late winter and early spring
 - Warmer than normal temperatures and moisture
- Spring
 - Areas have got some good rain others haven't.

General Comments

- The growing season
 - Wheat broke dormancy early late winter
 - Warm weather
 - The environment never really sent it back
 - GDD accumulated fast
 - 2-3 weeks ahead of schedule most of the spring.



General Comments

- Pest Issues

- Insects

- Winter Grain Mites

- Few Aphids (BCO)

- Grass and Broadleaf weeds

- Emerged when it rained in late October

- Later planted wheat



General Comments

- Grassy weeds in wheat
 - Italian Ryegrass
 - Feral Rye
 - Wild oats
 - Bromes
 - Cheat
 - Rescuegrass



General Comments

- Diseases

- Stripe Rust, Stripe Rust, Stripe Rust!!

- It came with a vengeance

- Tried to catch it early

- Many acres sprayed

- Leaf rust, limited

- Tan spot early on

- Loose smut

- Haven't seen much PM



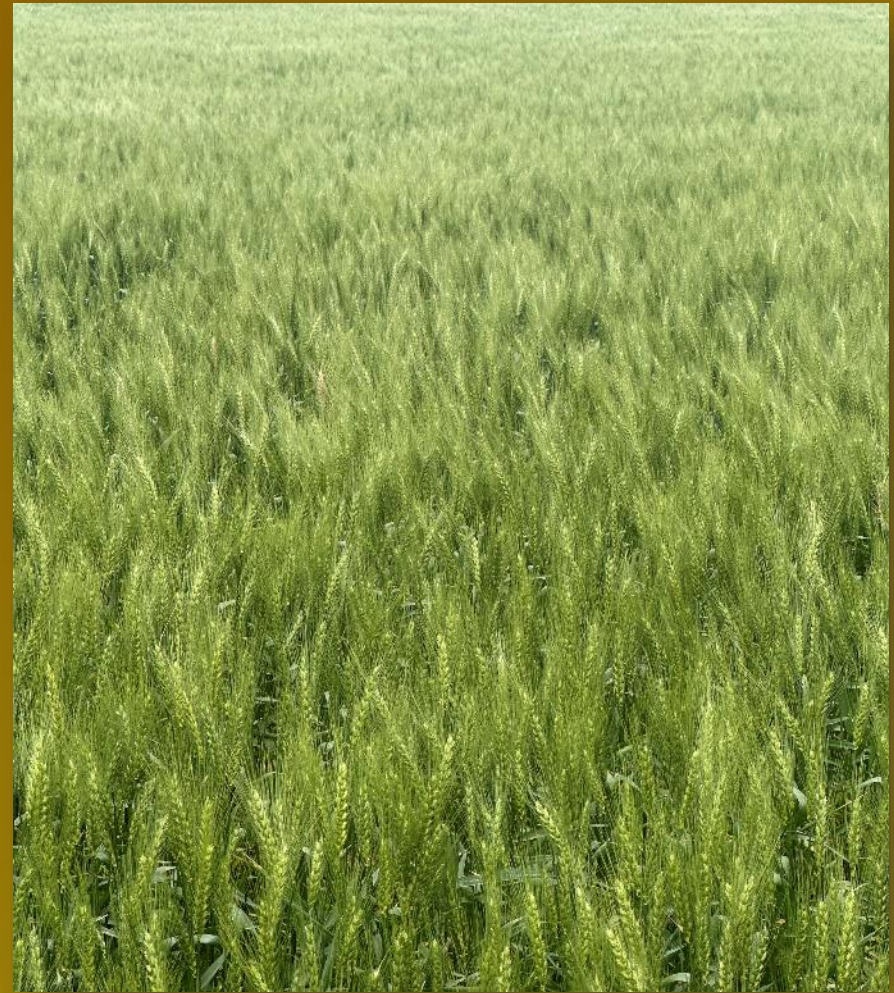
General Comments

- Wheat Fields
 - Freeze/Frost
 - White tipped heads
 - Seeing more of this
 - Stressed areas
 - Small %



Final Comments

- Good yield potential
- Crop Rotation
 - Grassy weeds
 - Herbicide Technologies
- The crop is turning fast
 - Southern OK
 - 2-3 weeks out could be earlier
 - “Weather Dependent”

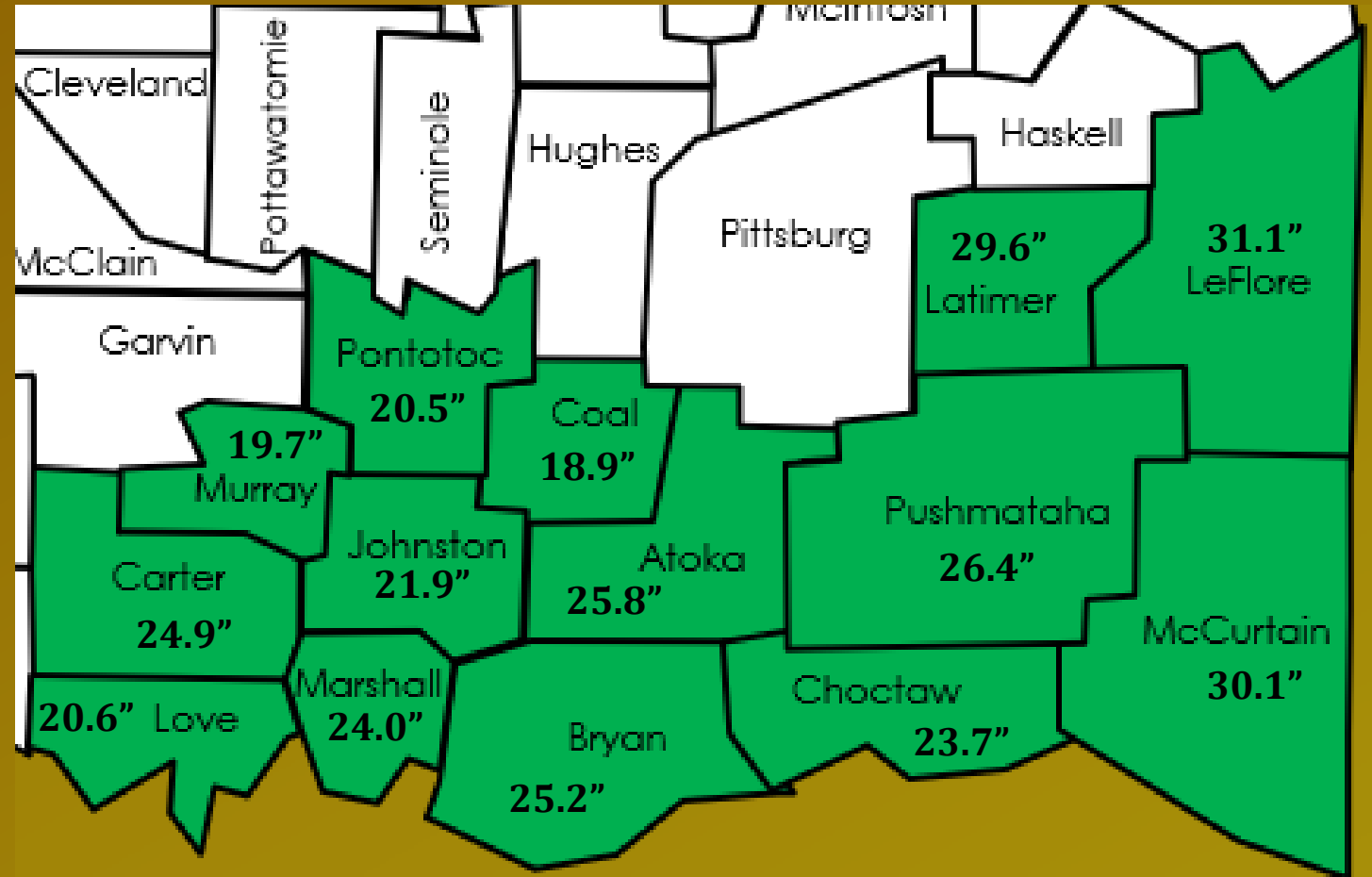


South Central Region Estimates

County	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Caddo	94,000	36.0	3.384
Cleveland	1,900	42.0	0.080
Comanche	38,000	35.0	1.330
Garvin	7,500	48.0	0.360
Grady	34,000	39.0	1.326
McClain	5,200	44.0	0.229
Stephens	7,500	38.0	0.285
Total	189,100	37.0	6.994

Southeast Region – Rainfall (Mesonet)

**2023-2024
Total Rainfall
Sept 1 to April 25**



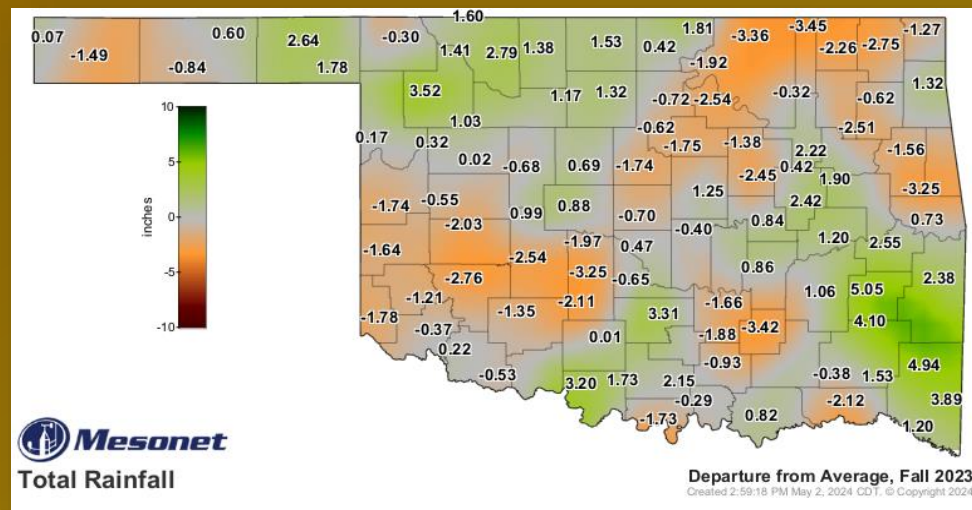
Rainfall by County (Mesonet)

County	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Total
Leflore	3.90	5.41	4.09	2.58	2.70	4.05	6.04	2.41	31.18
McCurtain	1.41	5.61	4.25	2.24	4.67	1.98	6.79	3.20	30.15
Latimer	9.31	5.14	3.03	1.86	2.47	1.22	4.48	2.18	29.69
Pushmataha	1.42	7.07	2.44	3.16	2.93	1.93	4.92	2.62	26.40
Atoka	1.49	7.72	1.94	3.42	2.46	1.83	4.37	2.65	25.88
Bryan	1.59	9.72	1.20	3.35	2.72	1.93	2.43	2.31	25.25
Carter	1.58	9.74	1.34	2.79	1.99	1.42	3.12	2.95	24.93
Marshall	1.62	6.79	1.58	3.00	2.23	1.66	4.81	2.40	24.09
Choctaw	1.96	5.55	1.94	1.79	2.89	1.48	6.09	2.07	23.77
Johnston	1.04	7.13	1.84	3.11	2.36	1.20	3.00	2.26	21.94
Love	1.51	6.31	0.41	2.73	2.43	1.46	3.21	2.62	20.68
Pontotoc	1.48	5.51	1.08	2.09	2.81	1.74	2.42	3.43	20.56
Murray	2.11	5.84	1.90	2.13	2.21	1.74	1.91	1.91	19.75
Coal	0.96	4.79	1.91	2.92	1.93	1.51	2.79	2.17	18.98

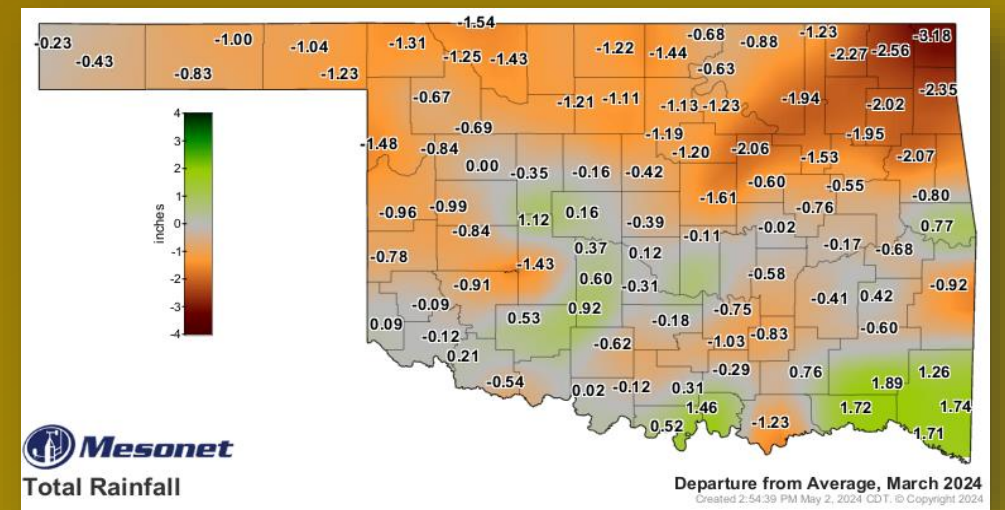
Southeast Overview

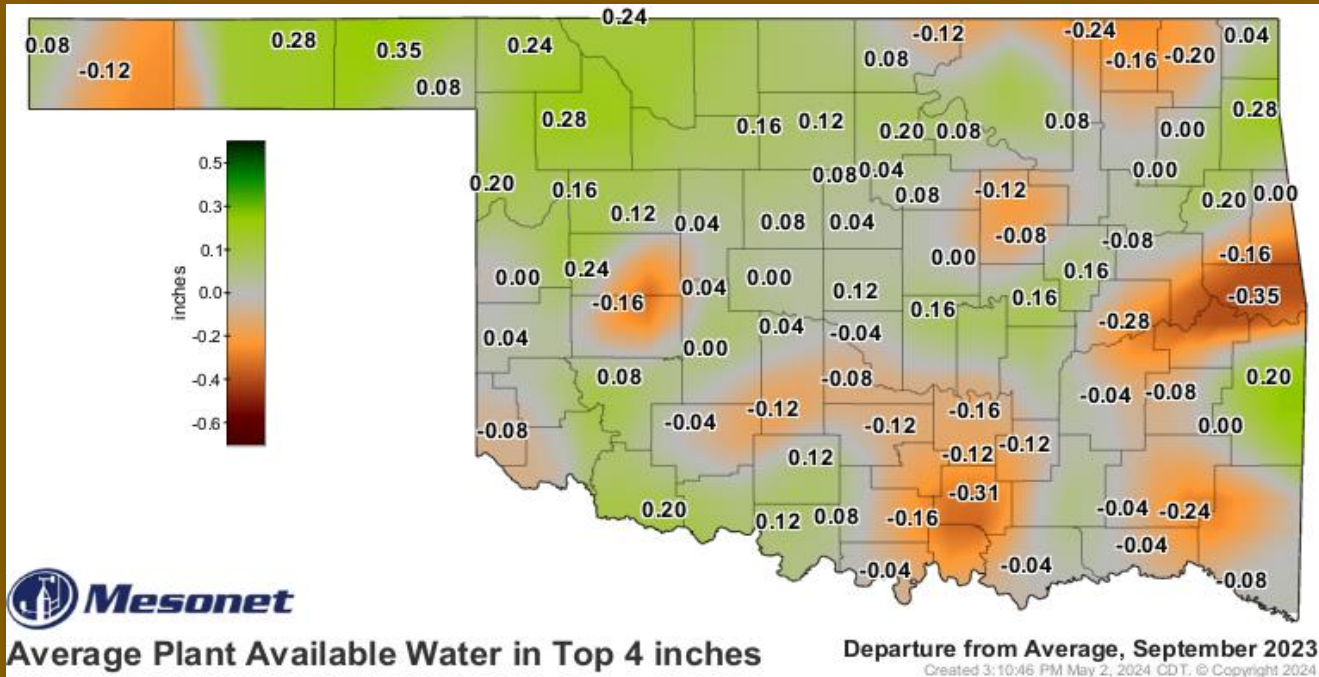
- Below normal rainfall for most counties in the SE region throughout the growing season.
- Some good stands and some not so good stands
- Area more heavily utilized for grazing and hay

Fall 2023



March 2024

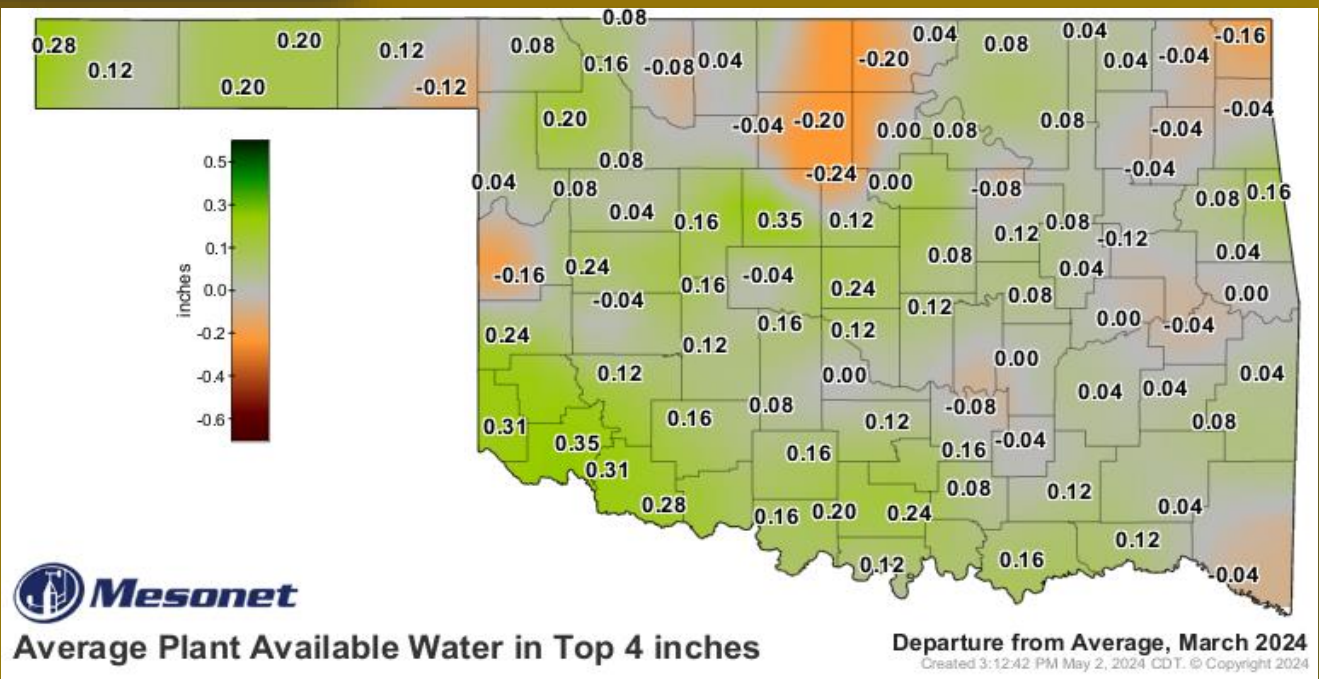




September 2023

March 2024

The percent reported is for the soil column from the soil surface down to the 4-inch depth. Percent's may go above 100% or below 0% due to variation between individual sensors and sensor locations. The theoretical maximum plant available water was calculated from depth specific soil analysis for each Mesonet site.



Departure from Average, March 2024
 Created 3:12:42 PM May 2, 2024 CDT. © Copyright 2024

Choctaw County - 4/12/2024

Planted Sept. 12, 2023
no-till

- 23.7" average rainfall
- Avg 26" tall
- No disease or pest issues
- Will be grazed out





LeFlore County - 31.1" average rainfall

4/21/2024

Northern part of county Arkansas River bottom , irrigated

Final Comments

- Majority of wheat is being grazed or cut for hay
- Currently, minimal indications of disease pressures
- Harvest conditions likely to be slowed due to wet conditions in some counties
- Overall –southeast crop is fair in western counties of the SE region and decent in the eastern counties of the region

Southeast Region Estimates

County	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Bryan	500	30	0.015
Carter	300	25	0.007
Choctaw	400	40	0.016
Johnston	100	25	0.002
LeFlore	1,100	40	0.044
Love	200	25	0.005
Marshall	200	30	0.006
McCurtain	1,500	40	0.060
Pontotoc	100	25	0.002
Total	4,400	35.7	0.157

A close-up photograph of a single green wheat ear, showing the individual grains and the awns, set against a blurred background of more wheat. The image is positioned on the left side of the slide.

Thank You!

To the Contributors of the
44th Annual
Wheat Crop Report



EXTENSION



2024 Wheat Crop Tour Estimates

Region	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Panhandle	317,900	21.25	6.755
North Central – West	417,039	28.90	12.053
North Central – East	564,000	34.08	19.223
West Central	195,200	36.95	7.212
Central	375,700	37.44	14.066
Northeast	45,000	56.00	2.520
Southwest	539,231	37.43	20.181
South Central	189,100	37.00	6.994
Southeast	4,400	35.68	0.157
Total	2,647,570	33.68	89.161



Member's Estimate

Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
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2,740,000	37.3	102.202
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