



Harvest Summary of HRW

July 13, 2023

State Percent Complete

Texas	96%
Oklahoma	95%
Kansas	46%
Nebraska	20%
South Dakota	9%
Oregon	6%
Colorado	1%
Idaho	1%
Washington	0%
Montana	0%
Wyoming	0%

- **California** – Lots of rain. Above average yields. Grain being diverted from feed channels.
- **Colorado** – Starting harvest. Below average volume. 20% abandonment in southeast CO. In northeast Co, lots of rain since May.
- **Kansas** – Harvest is very delayed and behind schedule, Proteins variable but still on the end as harvest moves west, 12-13%. Test weights because of rain have lightened up a bit, 57-60 lbs. Areas of western Kansas the last 7 weeks received 15 inches of moisture. USDA estimate for Kansas was increased to 208 million bushels seems optimistic as there are some fields since July 1 that will not go to harvest due to rain and weed pressure.
- **Minnesota** – Down 10% in planted acres; corn and beans planted instead. Dry and really hot. Harvest is ~1 month away. Average yield expected.
- **Montana** – Above average crop. Eastern areas (mostly HRS and durum) lots of hoppers. Fall conditions were dry so winter wheat never looked great. Since June 30 has warmed up and dried out. 12.5% abandonment.
- **Nebraska** – Western area of state – where most wheat is grown – received more than normal moisture. Crop is looking good. In the east, abandonment, really dry. Since harvest started lots of rain and hail storms.
- **North Dakota** – Western ND early rains were timely with seeding. Eastern very dry.
- **Ohio** – Crop looks good overall. Yields up to 140 bu/acre. No DON. Harvest is underway throughout the state.
- **Oklahoma** – Drought to too much rain. Yields are down 50%. Still some wheat being harvested in northern OK.
- **Oregon** – Harvest is well underway in the dryland areas of Oregon. Heat before harvest did decline expectations in overall yields. Soft white wheat yield is expected to be slightly below average with the heat before harvest. Anticipated the state is between 5-10% harvested.
- **South Dakota** – State is dry. Timely rains. Harvest is starting.
- **Washington** – Dry. Hoping for average crop at best. Harvest underway in drier areas. Low TW, high protein.
- **Wyoming** – 10 days to 2 weeks behind normal. Today was first 90F day. Crop looks good. It has been unseasonably cool. Expect to start harvest in August. Need hot weather.

- **ARS Lab/PGI** – As of 7-13 we have received 202 samples, with 185 whole grain samples analyzed (173 Falling Number). Saw first sample coming from NE and some more samples show up from the TX panhandle and central and western KS. Sampling is complete from 5 grainsheds. TWs have started to trend lower, 54.3-TW low, 63.9 TW high. Average TW 60.2 (3yr average 61.2). Kernel Size remains good, large kernel avg-70.4%, max-88.5%, min 39.1%. (3 year avg 61.7%). 13.4% protein avg (3 year avg-12.3). SKCS avg weight 32.6 (3 year avg 30.8), Hardness 57.5 (3 year avg 64.3) High of 81.2, low of 41.3. FN-avg 371.5, max 497 min 68. (3 year avg 358.5) Values have been trending lower with the addition of samples from western TX and OK.

July 13, 2023 – First Phase Evaluation of Samples

Tst	Exp	MST	Pro%	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
141	520	12.1	13.2	0.9	31.0	371.5	2	60.2	0.3	0.3	0.7	1.3

The data is a straight average of all the samples that have gone through the first phase of tests. Due to the limited amount of tests and being early in the sampling, these numbers will change.

Kansas Harvest Report

By: Kansas Wheat

Based on July 1 conditions, Kansas' winter wheat production is forecast at 208 million bushels, down 15 percent from last year, according to the USDA's National Agricultural Statistics Service. Average yield is forecast at 32 bushels per acre, down 5 bushels from 2022. Area to be harvested for grain is estimated at 6.5 million acres, down 2 percent from a year ago.

This week wheat coming in looks to be all over the board, according to Jim Bob Lewton, senior Vice President of Grain Operations with the Konza Coop in Pratt.

Harvest in and surrounding Pratt began June 20, about seven to ten days later than when they usually start. Yields have been averaging about 25 bushels per acre, but some fields have been better than others. Proteins have been high, reaching up into 12-13 percent. These recent rains have been causing test weights to dip, remaining in the 58-60 pounds per bushel region. Moisture has been varying with these recent rains, although the grain has remained dry enough for harvesting. Now all that is left is to wait for conditions to dry enough for farmers to get combines in the field.

Lewton predicts harvest will be complete next week. They anticipate that they will only receive 30-40 percent of their usual amount of wheat.

Chris Tanner from Norton reports his harvest began on July 4 and will last about another week, barring rain delays. He said harvest is far later than normal and he is fighting weed pressure.

“I’m amazed at the resiliency of wheat, given what it looked like through the winter,” he said, noting that the Westbred variety Grainfield has been doing well for him.

This year’s harvest is much better than last year for Tanner, who said this is going to be a “highly average year” for the acres he is able to harvest. Even so, about 30 percent of his wheat was zeroed out due to the drought.

Tanner reports that his test weights have been averaging 61 to 62 pounds per bushel, except for the wheat that was hailed on, which was only in the low 50s. Yields are ranging from 15 to 70 bushels per acre, with an overall farm average anticipated to be 25. Protein is about 13 percent.

It was truly a family wheat harvest with four generations in the field. He was fortunate this year that his son, daughter, son-in-law and 6-month-old granddaughter were able to join him, his brother and his father for this year’s harvest.

Evan Lesser, who farms near Palco in Graham County, reports that harvest began on June 26 and he has about 2 days left.

Test weights are ranging from 60 to 64 pounds per bushel and protein measured 15 percent. May rains came a little too late to positively affect yield, but they did help with improving grain fill and test weights. Yields are ranging from 22 to 50 bushels per acre, depending on which fields caught the rain. Lesser says yields were much better last year, with his 2022 farm average better than even his highest yields this year. Overall, this has been a disappointing year for his wheat, one of the worst since he started farming in 2010. He does, however, have high hopes for corn and grain sorghum.

He reported that Kansas Wheat Alliance’s KS Territory has been an excellent variety for him this year.

Nebraska Harvest Report

By: Nebraska Wheat Board

Harvest is continuing in Nebraska but is beginning to slow down. Weather and uneven ripening have slowed harvest progress so far. Harvest is considered finished in the eastern region while harvest is just beginning in the rest of the state. Scattered storms and slight hail have been prevalent across the state which have some effect on wheat acres in some regions. Test weights across the state have been reported average and producers are expecting yields ranging from 30-60 bu/ac.



Colorado Wheat
Administrative Committee

Colorado Wheat Outlook

As of July 7, 2023

★ Wheat Progress – 2023 Crop

July 2, 2023

	★ Coloring:	74%	Winter Wheat Last Year: 86%	5-yr ave: 89%
	Mature:	28%	Last Year: 37%	5-yr ave: 47%

★ 2023 Winter Wheat Condition

June 11:	8% Very Poor	14% Poor	24% Fair	41% Good	13% Excellent
June 18:	8% Very Poor	13% Poor	32% Fair	38% Good	9% Excellent
June 25:	0% Very Poor	11% Poor	28% Fair	49% Good	12% Excellent
July 2:	9% Very Poor	14% Poor	21% Fair	44% Good	12% Excellent

★ Moisture

As of July 2, 2023

Topsoil:

1%	Very Short
3%	Short
82%	Adequate
14%	Surplus

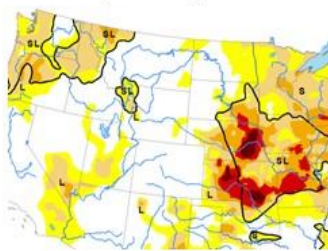
Subsoil:

2%	Very Short
12%	Short
81%	Adequate
5%	Surplus

★ Regional drought map

Colorado as of July 4, 2023

0%	Abnormally dry
0%	Moderate drought
0%	Severe drought
0%	Extreme drought
0%	Exceptional drought



Colorado Wheat Stocks

As of June 1, 2023

- Total stocks: 12.19 million bushels (down 38% from a year ago)
- On-farm stocks: 1.5 million bushels (down 6% from a year ago)
- Off-farm stocks: 10.69 million bushels (down 41% from a year ago)

2023 Colorado Winter Wheat

As of June 9, 2023

- Winter wheat production in Colorado, based on conditions as of June 1, 2023, is forecast at 52.80 million bushels according to USDA-NASS
- Average yield is forecast at 32.0 bushels per acre, 2.0 bushels per acre above the May 1 forecast.

World Agricultural Supply and Demand Estimates

As of June 9, 2023

- The outlook for 2023/24 U.S. wheat this month is for larger supplies, unchanged domestic use and exports, and higher stocks.
- Supplies are raised as all wheat production is projected at 1,665 million bushels, up 6 million from last month on higher Hard Red Winter production more than offsetting reductions in Soft Red Winter and White Winter.
- The all wheat yield is 44.9 bushels per acre, up 0.2 bushels from last month but remaining below last year
- Total use is unchanged with all of the production increase added to ending stocks, now projected at 562 million bushels.
- The 2023/24 season-average farm price is lowered \$0.30 per bushel to \$7.70 on larger U.S. and foreign wheat supplies.
- The global wheat outlook for 2023/24 is for larger supplies, higher consumption, increased trade, and larger stocks. Supplies are projected to increase 10.8 million tons to 1,066.9 million, primarily on larger production for Russia, India, the EU, and Ukraine.
- Russia is raised 3.5 million tons to 85.0 million, all for winter wheat, on generally favorable conditions after abundant spring precipitation.

Sources: USDA NASS www.nass.usda.gov | droughtmonitor.unl.edu

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★ Identifies data changed since last report



South Dakota Wheat Outlook

Revised July 6, 2023

★ Wheat Progress

As of July 3, 2023

	Winter Wheat		Spring Wheat
	Headed	Harvested	Headed
2023	98%	1%	89%
Last Year	98%		61%
5 Year Avg	98%		71%

★ 2023 Winter Wheat Condition

Date	1% Very Poor	22% Poor	42% Fair	34% Good	1% Excellent
Oct 24:	1%	22%	42%	34%	1%
Nov 28:	5	24	44	25	2
Jan 3:	5	16	63	16	0
Feb 27:	3	17	57	22	1
Mar 27:	3	11	64	21	1
Apr 24:	3	12	56	28	1
May 22:	7	15	44	34	0
May 30:	9	14	51	26	0
June 20:	16	21	37	26	0
June 26:	22	21	36	20	1
July 3:	23	23	28	25	1

★ 2023 Spring Wheat Condition

Date	2% Very Poor	6% Poor	49% Fair	40% Good	3% Excellent
May 30:	2%	6%	49%	40%	3%
June 20:	10	16	42	32	0
June 26:	11	22	40	25	2
July 3:	11	22	41	23	3

★ Moisture

As of July 3, 2023

Soil Type	17% very short	34% short	46% adequate	3% surplus
Topsoil:	17%	34%	46%	3%
Subsoil:	16%	36%	44%	4%

World Agricultural Supply and Demand Estimates

As of June 9, 2023

- The outlook for 2023/24 U.S. wheat this month is for larger supplies, unchanged domestic use and exports, and higher stocks compared.
- The global wheat outlook for 2023/24 is for larger supplies, higher consumption, increased trade, and larger stocks.
- Projected 2023/24 global ending stocks are raised 6.4 million tons to 270.7 million.

★ South Dakota Wheat Stocks

As of June 1, 2023

- Total stocks: 21.3 million bushels (-12% from 2022)
- On-farm stocks: 8.4 million bushels (+24% from 2022)
- Off-farm stocks: 12.9 million bushels (-26% from 2022)

★ 2023 South Dakota Winter Wheat

As of June 15, 2023

- 930,000 acres est. planted (+12% from 2022)
- 750,000 acres projected harvested (+3% from 2022)
- 81% of planted acres projected harvested (-7% from 2022)
- 34.5 million bushels projected (-9% from 2022)
- 46 bushels per acre projected (-6 from 2022)

2022 South Dakota Winter Wheat

As of September 30, 2022

- 830,000 acres est. planted (+4% from 2021)
- 730,000 acres est. harvested (+3% from 2021)
- 88.0% of planted acres est. harvested
- 38.0 million bushels est. harvested (+41% from 2021)
- 52 bushels per acre est. (+14 from 2021)

★ 2023 South Dakota Spring Wheat

As of June 15, 2023

- 750,000 acres est. planted (+3% from 2022)
- 700,000 acres est. harvested (unchanged from 2022)
- 96.4% of planted acres est. harvested

2022 South Dakota Spring Wheat

As of September 30, 2022

- 730,000 acres est. planted (+1% from 2021)
- 700,000 acres est. harvested (+21% from 2021)
- 95.9% of planted acres est. harvested
- 33.6 million bushels est. harvested (+100% from 2021)
- 48 bushels per acre est. (+19 from 2021)

Source: USDA NASS www.nass.usda.gov

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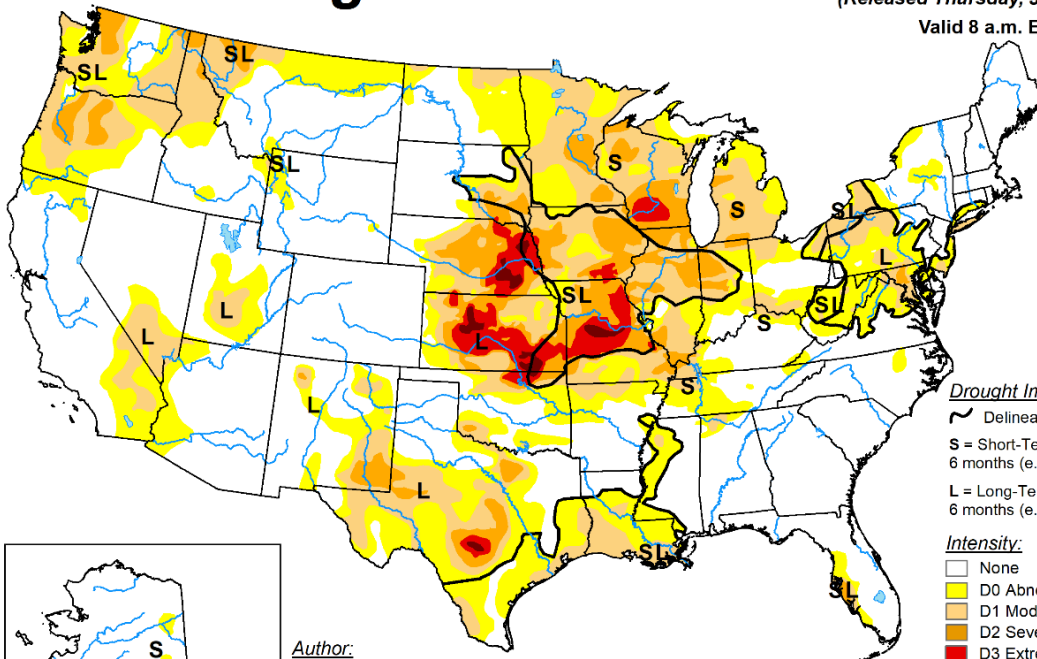
★ Identifies data changed since last report

U.S. Drought Monitor

July 11, 2023

(Released Thursday, Jul. 13, 2023)

Valid 8 a.m. EDT



Drought Impact Types:

- ~ Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

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

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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>

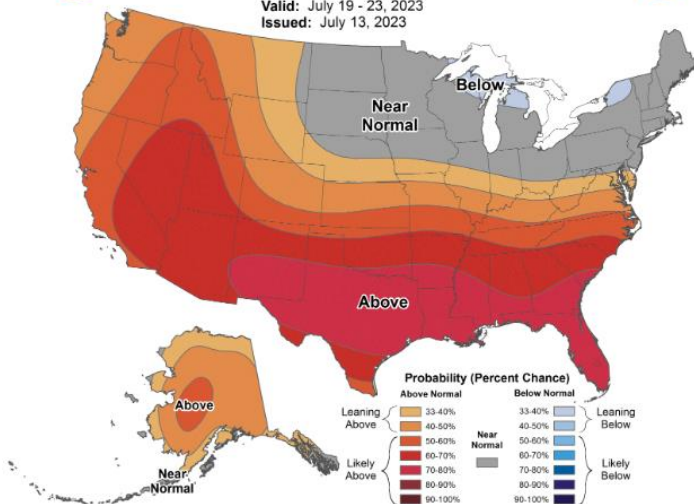


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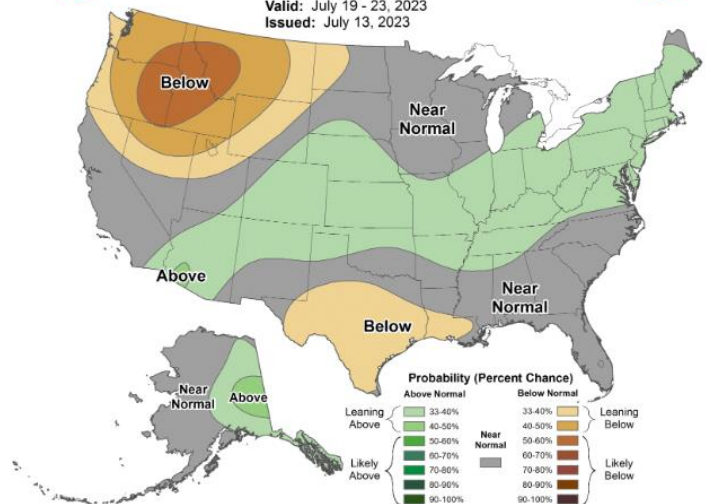
6-10 Day Temperature Outlook

Valid: July 19 - 23, 2023
Issued: July 13, 2023



6-10 Day Precipitation Outlook

Valid: July 19 - 23, 2023
Issued: July 13, 2023



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