



Harvest Summary of HRW

August 04, 2023

State Percent Complete

Texas	100%
Oklahoma	100%
Kansas	95%
Colorado	81%
Oregon	74%
South Dakota	74%
Nebraska	72%
Washington	36%
Wyoming	35%
Idaho	21%
Montana	21%

- **Ohio** – Harvest complete. More acres planted than past 10 years. Record yields (100+ bushel avg.) no vomitoxin.
- **Oklahoma** – USDA 70.2 MLN Bushels (est. slightly below). More abandonment. Very hot weather.
- **Kansas** – Slow harvest to finish up. Quality concerns towards the end (late rains/weed pressure). 13% pro, 59/60 lb TW, some damaged kernel.
- **Colorado** – 59 lb TW, 10.5% pro avg. Some rain forecast, cooler temps (70s) next week.
- **Wyoming** – 45% harvested. Some green showing. Good TW (high 65.9), protein 8-12.3%, avgs in 11s. Yields (recent harvested plot, high 87, low 77) on dryland. Cooler temps forecast.
- **Nebraska** – Northern Panhandle still harvesting, 5% in Southern Panhandle. 72% harvested. TW 58-62 lbs, moisture slowed harvest across state.
- **Minnesota** – Sporadic harvest. Early reports – variable yield, good quality, est. 10% below avg for yield. Dry and rain needed. No rain forecast, hot temps. Lots of variability field to field/planting dates. Anticipate long harvest.
- **Montana** – 1/3 harvested (winter). Hot/dry weather (90s-100s). Crop looks good. Variable proteins avg. 11.8% pro. Good yields (49s +). Spring crops declining (hot/dry). Above avg. to avg/below, NASS 34 bushel yields. Isolated spring harvesting along Yellowstone River est. 14 % protein. Durum declining, moisture needed , just starting harvesting. Demand concerns. Sawfly issues.
- **Idaho** – Still early but harvest picking up. Promising SW yields, good TW/protein. Rains past few days/forecast next week. ID side of Palouse D2 drought. Rain needed to finish dryland.
- **USDA/ARS** – 391 samples. TW 60.1, (mostly NE, SD, some MT/West KS, TX). NE/CO/MT, running mixed in hardness. Hardness- 56 (2022 and avg. 65). Softer (lower temps/higher humidity can cause scores to decline), varietal differences. FN – 367, protein avg. 12.8%, kernel sizing L – 70%. 31 composites (26 milled): flour yields mid-70s. Farinograph absorption (TX, OK) avg. 58. Development times shorter, overall avg. 5 mins. Stability concerns - 9.4 avg. (10-16 mins quality target) – lower protein category. Mixograph data good – absorption much higher (66%), 4-5 min mix times, tolerance 3. Bake data – overall loaf volume, 955 (850 cc quality target), only 1 sample below 850 (low pro). Overall good bake data. Good ash on flour so far (NIR ash - 4.99).

Nebraska Harvest Report

By: Nebraska Wheat Board

Harvest in Nebraska is coming to an end with 72% harvest completed according to USDA-NASS. The southern panhandle region is wrapping up with only 5% of the region left to harvest. Test weights in the region were reported below average for a normal year at 58-59 lbs and protein levels at 10%.

The northern panhandle is predicted 75% harvest completed for the region. Test weights for the region were reported 60-62 lbs and average yield is 45 bu/ac. With harvest coming to a close, producers are beginning to look forward to the upcoming planting season.

Colorado Harvest Report

By: Colorado Wheat

Multiple days of warm temperatures allowed harvest to progress across Eastern Colorado over the past week, but continued rain showers have slowed completion of harvest. As of today, we are calling Colorado's 2023 wheat harvest roughly 85% complete. This is behind the five year average of 95%. This is shaping up to be in the top 4-5 latest completions to wheat harvest in Colorado on record. Many growers have never harvested wheat in August before, so this is a new experience.

Most of the remaining activity is in the central part of the state (Adams, Arapahoe, Weld and Larimer Counties). Average test weight in these counties has been holding around 59 lbs./bushel, with average protein around 10.5%. Rain tends to lower test weight on wheat that is mature, and too much rain on ripe wheat can cause it to sprout. Right warm and dry weather is needed, not to further mature the crop, but rather to improve the field conditions. The seven day forecast is for mostly sunny and fairly warm weather. Hopefully this will allow for harvest to be mostly complete in Colorado by the middle of next week.



South Dakota Wheat Outlook

Revised August 4, 2023

★ Wheat Progress

As of July 31, 2023

	Winter Wheat Harvested	Spring Wheat Harvested
2023	74%	21%
Last Year	75%	24%
5 Year Avg	70%	26%

★ 2023 Winter Wheat Condition

	1% Very Poor	22% Poor	42% Fair	34% Good	1% Excellent
Oct 24:	5	24	44	25	2
Nov 28:	5	16	63	16	0
Jan 3:	3	17	57	22	1
Mar 27:	3	11	64	21	1
Apr 24:	3	12	56	28	1
May 30:	9	14	51	26	0
June 26:	22	21	36	20	1
July 24:	15	24	32	21	8

★ 2023 Spring Wheat Condition

	2% Very Poor	6% Poor	49% Fair	40% Good	3% Excellent
May 30:	10	16	42	32	0
June 20:	11	22	40	25	2
June 26:	11	22	41	23	3
July 3:	11	21	39	24	5
July 24:	11	19	42	26	2

★ Moisture

As of July 31, 2023

	9% very short	37% short	51% adequate	3% surplus
Topsoil:	12%	36%	49%	3%
Subsoil:				

★ World Agricultural Supply and Demand Estimates

As of July 12, 2023

- Changes this month to the 2023/24 U.S. wheat outlook increases supplies and domestic use, leaves exports unchanged, and increasing stocks.
- Updates to the 2023/24 global wheat outlook reduce supplies, increase consumption, lower exports and decrease stocks compared with last month.
- Projected 2023/24 world ending stocks are lowered 4.2 million tons to 266.5 million and would be the fourth consecutive annual decline.

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 July 1, 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)
- 31.5 million bushels projected (-17% from 2022)
- 42 bushels per acre projected (-10 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 July 1, 2023

- 750,000 acres est. planted (+3% from 2022)
- 700,000 acres est. harvested (unchanged from 2022)
- 96.4% of planted acres est. harvested
- 23.8 million bushels projected (-29% from 2022)
- 34 bushels per acre projected (-14 from 2022)

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

Reid Christopherson, Executive Director
South Dakota Wheat Commission
reid@sdwheat.org (605) 222-3449

★ Identifies data changed since last report

August 04, 2023

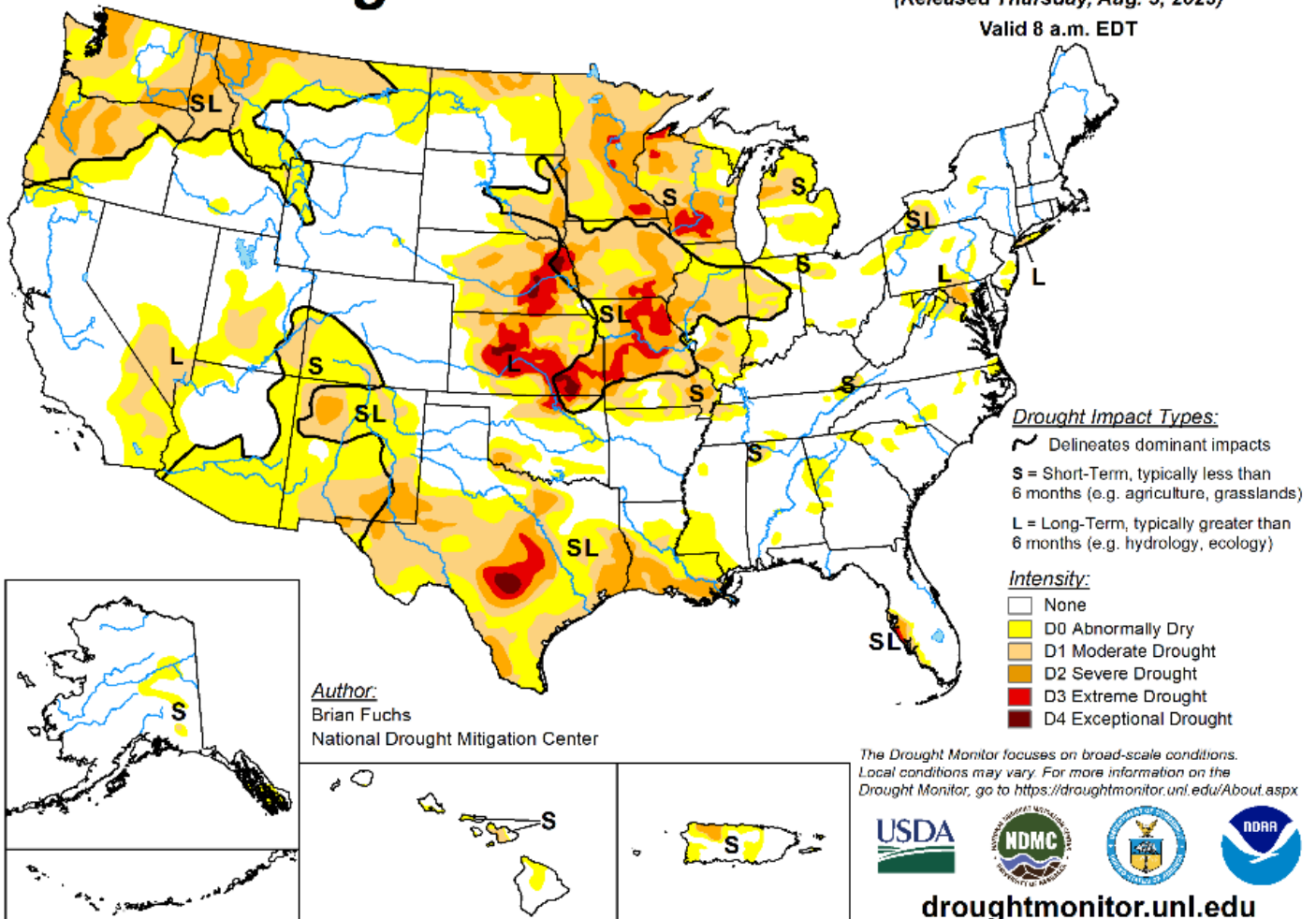
Tst	Exp	MST	Pro%	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
319	520	11.6	12.9	0.8	29.9	367	2	59.8	0.2	0.4	0.8	1.6

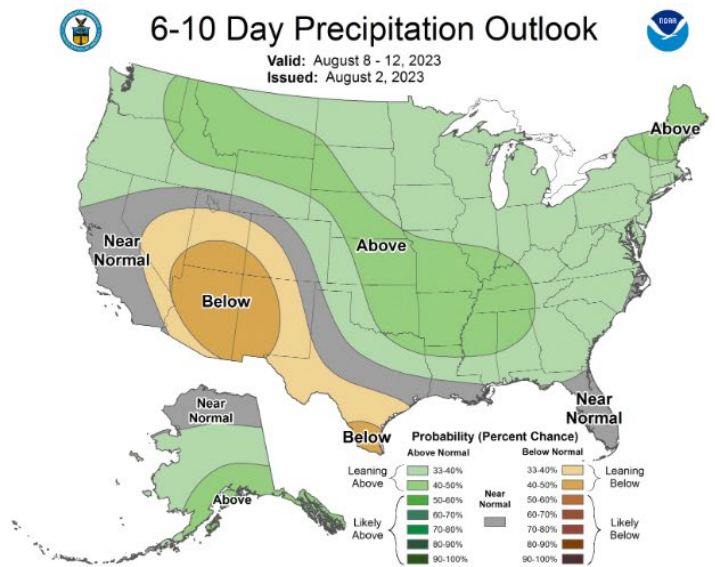
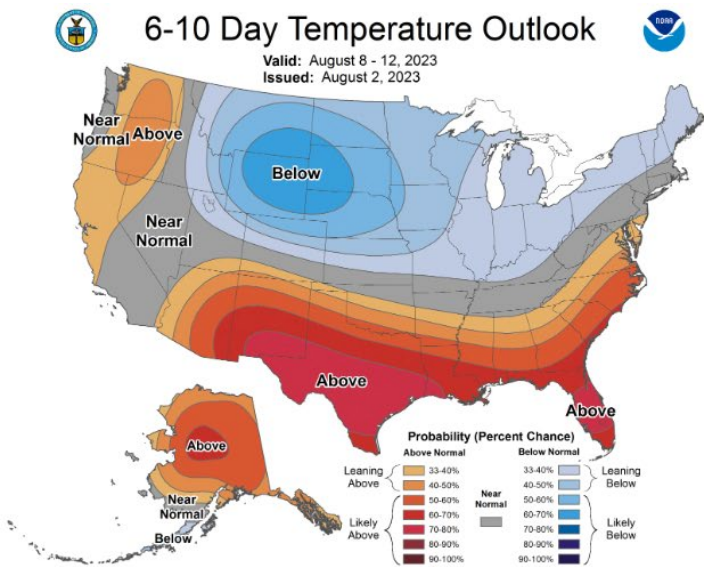
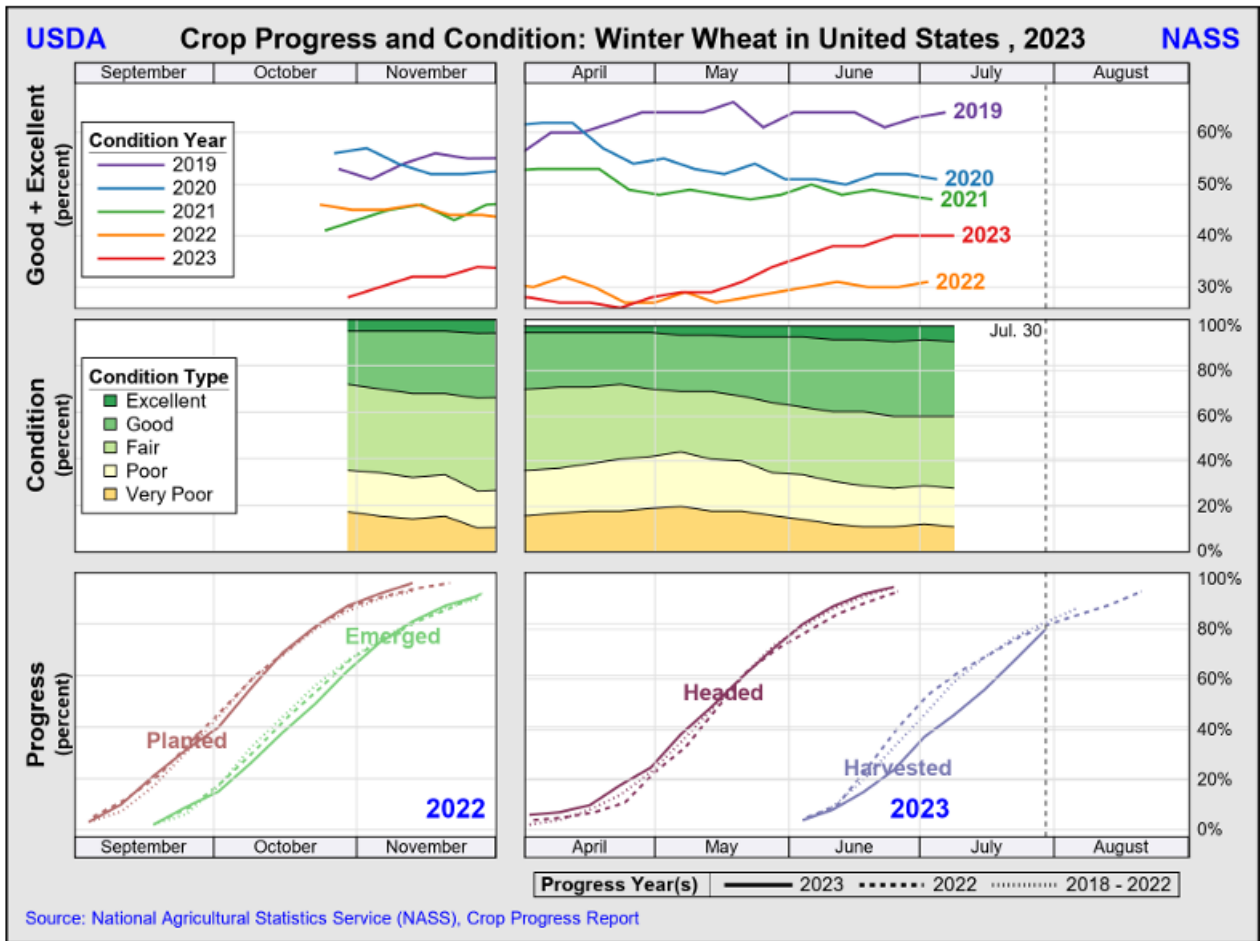
Test weight, protein, and falling number are at acceptable levels. Kernel hardness is ranging lower, and flour yields are slightly lower compared to last year. Stability times need monitored. Absorption rates are as are loaf volumes and ash content. Bakers should look forward to functional flour.

The data is a straight average of all the samples that have gone through all tests. Due to rounding and the way information is presented and being early in the sampling, these numbers will change.

U.S. Drought Monitor

August 1, 2023
 (Released Thursday, Aug. 3, 2023)
 Valid 8 a.m. EDT





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