



Harvest/Quality/Planting Summary for HRW

September 7, 2023

State Harvest Percent Complete 2023 Crop

Texas	100%
Oklahoma	100%
Kansas	100%
Colorado	100%
Nebraska	100%
Wyoming	100%
South Dakota	100%
Montana	93%
Idaho	93%
Washington	96%
Oregon	100%

State Planting Percent Complete 2024 Crop

Texas	0%
Oklahoma	0%
Kansas	1%
Colorado	1%
Nebraska	5%
Wyoming	0%
South Dakota	8%
Montana	1%
Idaho	1%
Washington	10%
Oregon	0%

- **Oklahoma** – Hot and dry. 36% moderate – exceptional drought. Cool front yesterday, back to 105 today. 50-60% chance of rain (1-3 inches). 80 temps forecast. Planting est. September 25 (normal time).
- **Nebraska** – Mid-upper 90s. Cold front – mid-70s next week. Planting started. NASS 2%, est. 5-7%. Acres expected to maintain/slight increase (Central/Eastern NE). Seed availability in areas limited, high seed cost. Scattered statewide precipitation forecast next week.
- **Colorado** – NASS 1% Monday. Est. closer to 10%. Most of state planting next week. Cooler temperatures and chances of rain are in the 10-day forecast, good conditions. High temps past month dried out the topsoil, but subsoil moisture is still decent.
- **Minnesota** – Surpassed 5-year avg for harvest. 85% harvested. Finishing up this week. Good quality. Yield unexpectedly very good. Some areas missed rain, overall est. above average. Avg. protein. Protein discounts.
- **North Dakota** – Slightly behind. Spring wheat 2/3rd, durum ½. Better harvest conditions past week, shorter harvest days. Spring - better than expected yields. Average crop, variable. Some lower protein areas (Western ND), otherwise avg. Great TW, some lower vitreous samples. Durum – decent yields, variable. Color/quality/TW good, some damaged samples. Damp mornings slowing progress. Seeing discounts below 13.
- **Montana** – Winter 93% harvested. 48-51 bu/ac, 11.8% protein, pockets of lower pro. 80 MLN bushel crop. Great tradeable crop. Spring 85% harvested, variable. Protein highly variable, est. sub 14 pro crop. Isolated sprout damaged pockets. Dry, some winter wheat seeding. Durum 83% harvested. Possible increase in planted winter wheat acres depending on moisture.
- **Idaho** – Non-stop raining. 2/3rd harvested spring, winter not complete. Higher elevation not getting in fields for est. 2 weeks. Wheat that was harvested before the rain has been excellent quality, avg. protein, slightly lower TW. Southern ID, Past 2-3 weeks harvested/higher elevations, coming in with some sprout damage/mold. Last harvested crop struggling. Hot/dry weather forecast. N. ID mostly harvested, good quality. Slightly lower TW, decent yields.

- **Washington** – Wrapping up harvest. Very dry. 15% planted (winter), but re-planting – soil moisture is so low/plants struggling to emerge. Topsoil/subsoil 48% very short. Slightly declining protein avg. as harvest progressed. Not as much range in protein. USDA 2 MLN MT lower protein in storage.
- **Tyllor Ledford/USW** – Hearing discounts for 13.5, 14.5 premiums. 60 cent spread.
- **WMC** – Week 7 – 38 samples from WA. Total 349 SW samples (90% of expected). Data similar to last week. Avg. protein 11.1%, protein range large for certain areas (ex-District 8: 7.3 – 14.8%). Normal farinograph and SRC profiles. Club avg. 10.6%. Next week final report. Not expecting further changes to protein avg.

Physical Characteristics

Samples	Exp	MST	Pro%	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
462	474	11.7	12.7	0.8	29.9	365	2	59.8	0.2	0.5	0.9	1.6

Sample collection is complete. The final data for physical characteristics will be completed this week and reported on the next report. Weighting factors will be applied, and data will change.

Milling

Composites Milled	Extraction %
63	75.93

Flour/Dough

Samples	Flour Ash (14% mb)	FARINO Abs (14% mb)	ALVEO P (mm)	ALVEO L (mm)	ALVEO W (mm)	MIXO Water Abs (14% mb)
63	.54	57.8	77.4	108.1	261.9	64.6

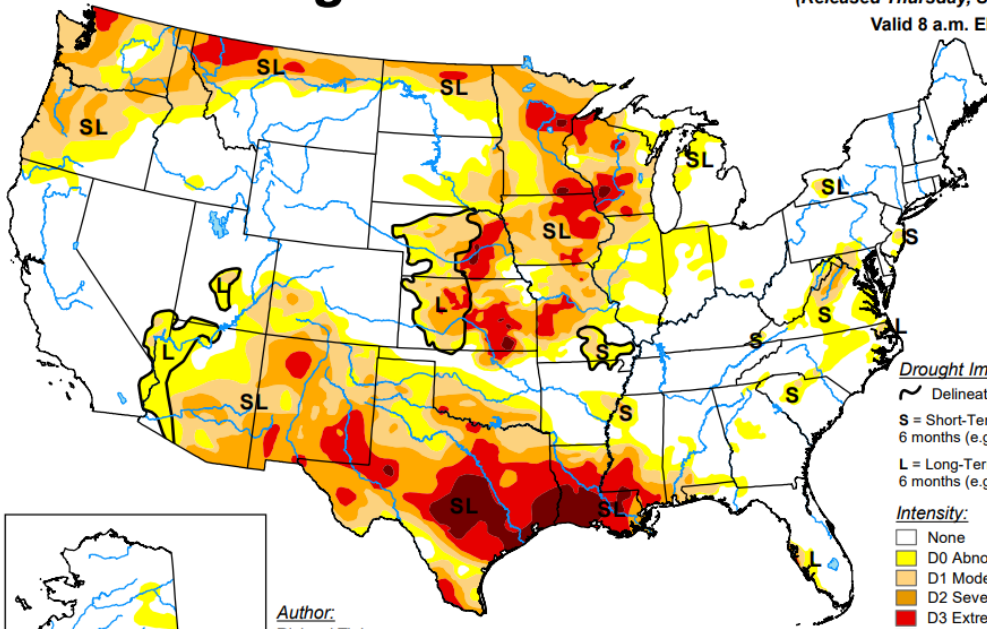
Baking Characteristics

Samples	Mix Time (min)	Bake Absorption (14% mb)	Loaf Volume (cc)	Crumb Grain (1-10)	Crumb Texture (1-10)
63	4.05	64.5	923.7	5.8	6.3

***The data is a straight average of all the samples that have been tested. Due to rounding and when weighting factors are applied, this data will change. ***

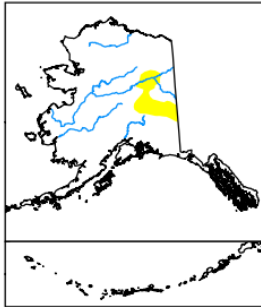
U.S. Drought Monitor

September 5, 2023
 (Released Thursday, Sep. 7, 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>



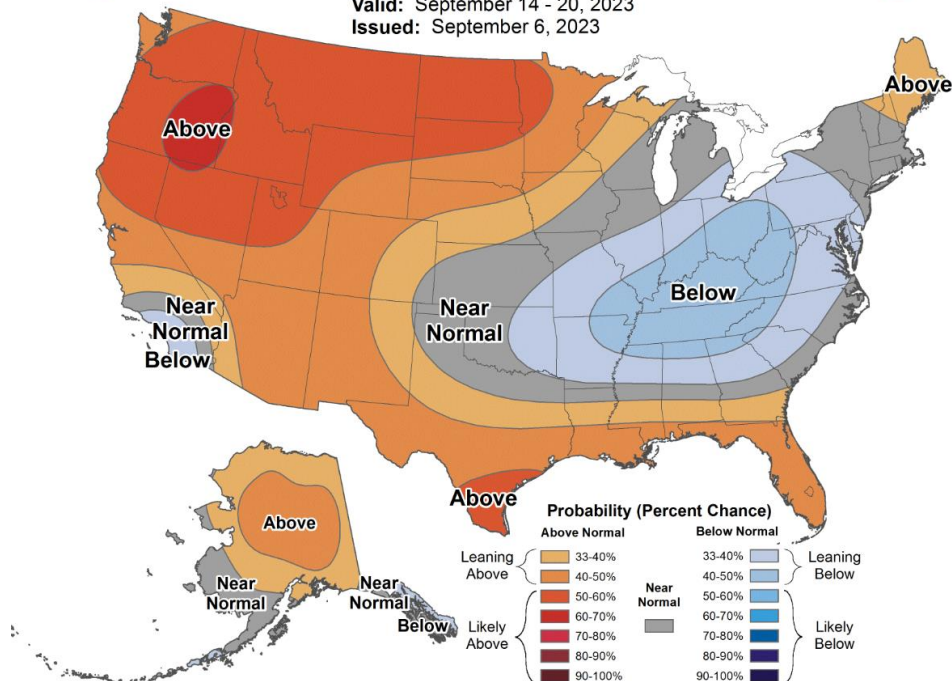
droughtmonitor.unl.edu



8-14 Day Temperature Outlook



Valid: September 14 - 20, 2023
 Issued: September 6, 2023

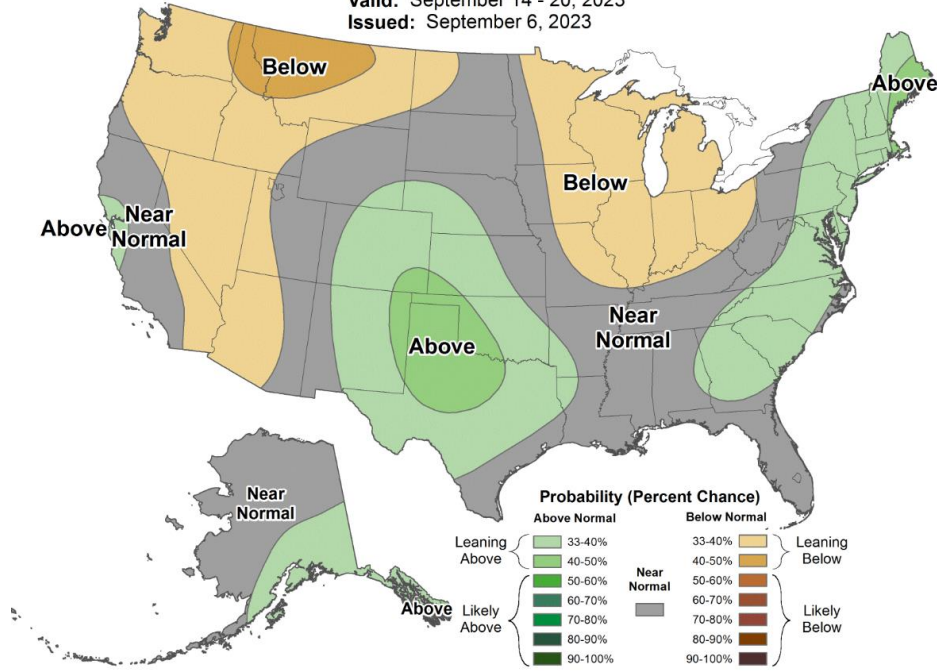




8-14 Day Precipitation Outlook

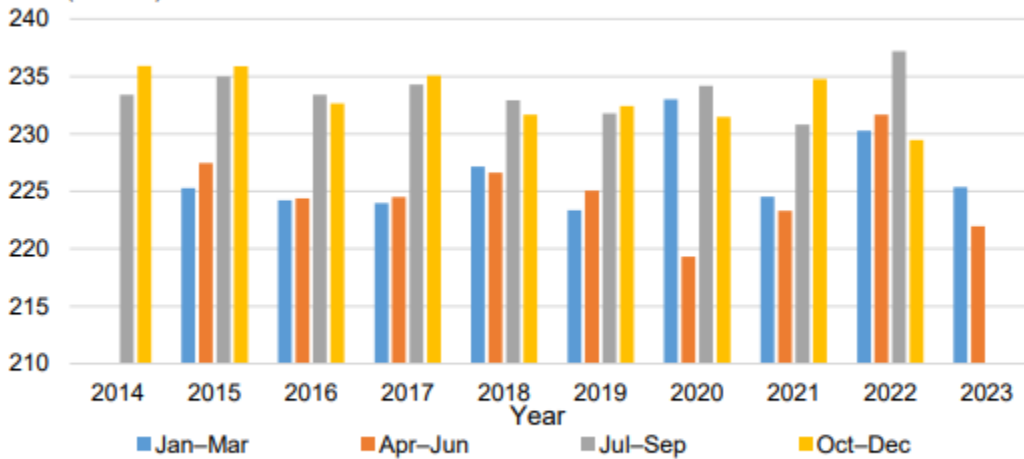


Valid: September 14 - 20, 2023
Issued: September 6, 2023



U.S. wheat milled for flour, by year and quarter, 2014–23

Bushels (millions)



Note: Data from this source unavailable before July 2014.

Source: USDA, National Agricultural Statistics Service, *Flour Milling Products*.

Table 1					
U.S. wheat supply and use at a glance 2022/23 and 2023/24 (in million bushels)					
Balance sheet item	2022/23 August	2023/24 July	2023/24 August	Month-to-month change	Comments
Supply, total					June-May marketing year
Beginning stocks	698	580	580	0	
Production	1,650	1,739	1,734	-5	Updated production data from USDA, NASS shows lower Hard Red Spring and White, more than offsetting increases in other classes
Imports	122	130	130	0	
Supply, total	2,470	2,449	2,444	-5	
Demand					
Food	973	977	974	-3	Both 2022/23 and 2023/24 are lowered on reduced mill grind data based in the USDA, NASS <i>Flour Milling Products</i> report
Seed	69	65	65	0	
Feed and residual	90	90	90	0	
Domestic, total	1,131	1,132	1,129	-3	
Exports	759	725	700	-25	U.S. Hard Red Winter wheat exports lowered on slow export sales and uncompetitive pricing
Use, total	1,890	1,857	1,829	-28	
Ending stocks	580	592	615	23	Stocks up slightly year to year, but still the second lowest since 2013/14
Season-average farm price	\$8.83	\$7.50	\$7.50	0	2023/24 would be the fourth-highest price on record
Source: USDA, Economic Research Service calculations and USDA, World Agricultural Outlook Board, <i>World Agricultural Supply and Demand Estimates</i> .					

3

Wheat Outlook: August 2023, WHS-23h, August 15, 2023
USDA, Economic Research Service

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