

Harvest Summary of HRW July 15, 2022

By Mark Hodges, Executive Director, Plains Grains, Inc.

<u>State</u>	<u>Percent Complete:</u>
○ Texas	97%
○ Oklahoma	100%
○ Kansas	95%
○ Colorado	28%
○ Nebraska	42%
○ South Dakota	10%
○ Montana	<1%
○ Washington	0%
○ Oregon	<1%
○ Idaho	0%
○ Wyoming	<1%

While the 2022 HRW wheat harvest continues to wind down in TX (97% complete), Oklahoma (100 % complete) and Kansas (95% complete), the states of Colorado (28%) and Nebraska (42%) are still short of 50% complete at this point. However, the majority of the wheat in central and southern areas of those 2 states have completed harvest). South Dakota is now reporting (10%) complete with harvest with all other states to the north and west reporting sporadic cutting of 1% or less cut at this point. Continued prevailing hot and windy conditions continue to keep harvest in high gear where harvest has begun. Generally, yield reports continue to be reported in the 20 bu/ac to 30 bu/ac range in the western areas of the Great Plains. However, it has not been usual to hear of over 50 bu/ac across all states now harvesting, but they are not the norm. Reports from irrigated fields are also seeing from 50 bu/ac to over 100 bu/ac.

Test weights again this week are averaging above 60 lb/bu (60.5 lb/bu) with protein still averaging over 13% (13.3%). There are now 300 samples now in the lab and in various stages of testing with another 37 in transit as of this report. Sampling from PGI Grainsheds in Texas/Oklahoma/Kansas, has now been declared complete with samples either in the lab or in transit. This crop has overall has had very low dockage with very good (and uniform) kernel characteristics which are expected to continue.

Early milling data from southern areas is expected to be available next week and is projected to confirm industry expectations for this crop as one that is sound with very good milling and baking characteristics.

July 8, 2022

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
233**	520	10.9	13.2	0.4	30.0	297	HRW 1	60.8 79.9	0.1	0.4	0.8	1.3

July 15, 2022

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
300**	520	10.6	13.3	0.4	30.3	313	HRW 1	60.5 79.6	0.1	0.6	1.0	1.7

****All 300 samples are in various stages of testing.**

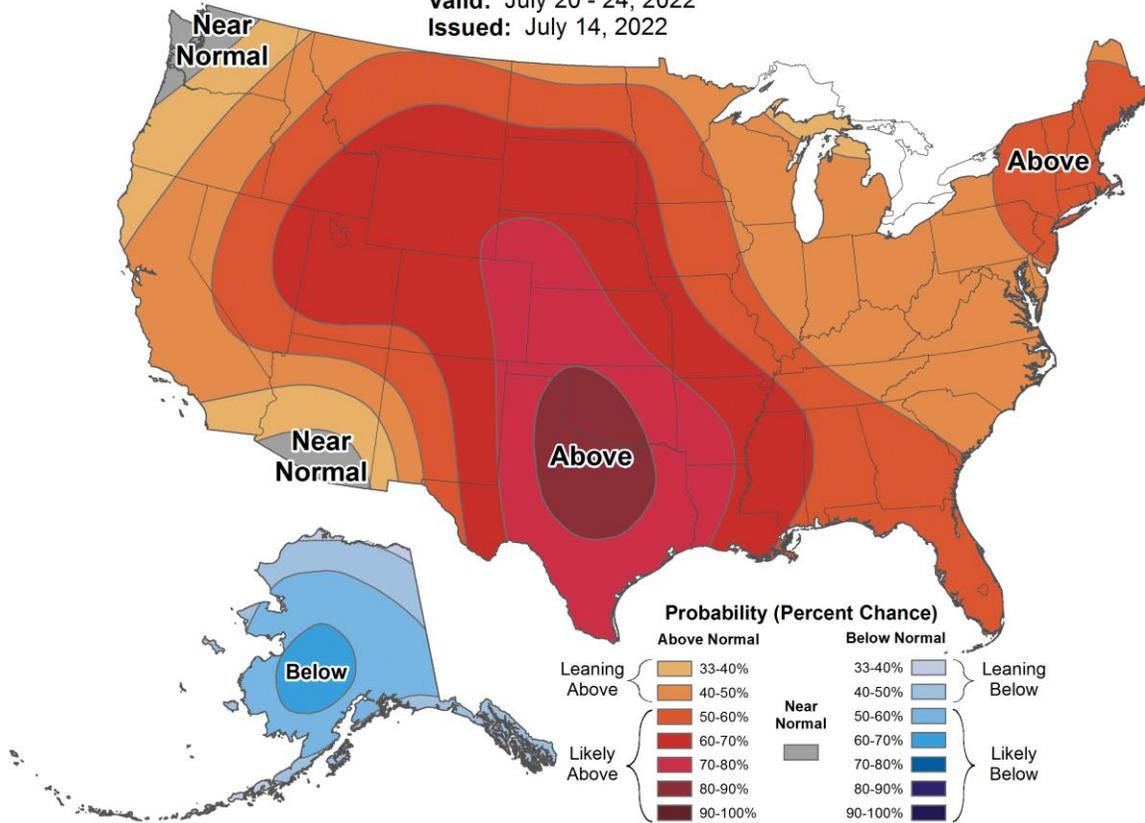
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6-10 Day Temperature Outlook



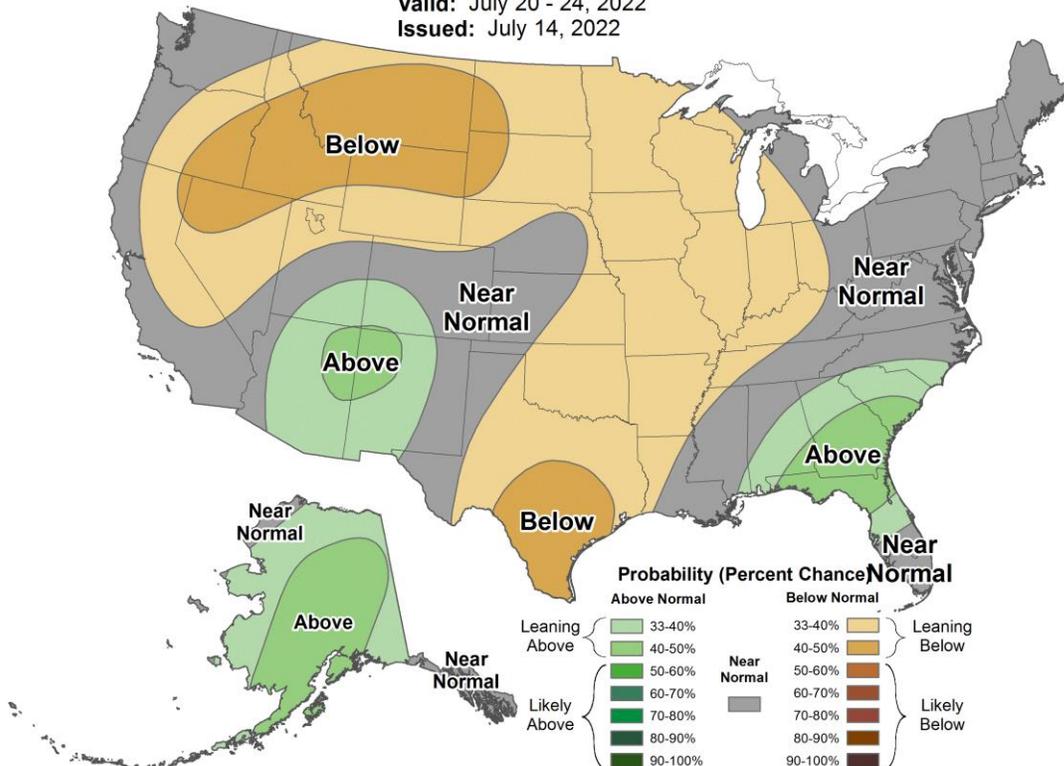
Valid: July 20 - 24, 2022
Issued: July 14, 2022



6-10 Day Precipitation Outlook



Valid: July 20 - 24, 2022
Issued: July 14, 2022



States Update:

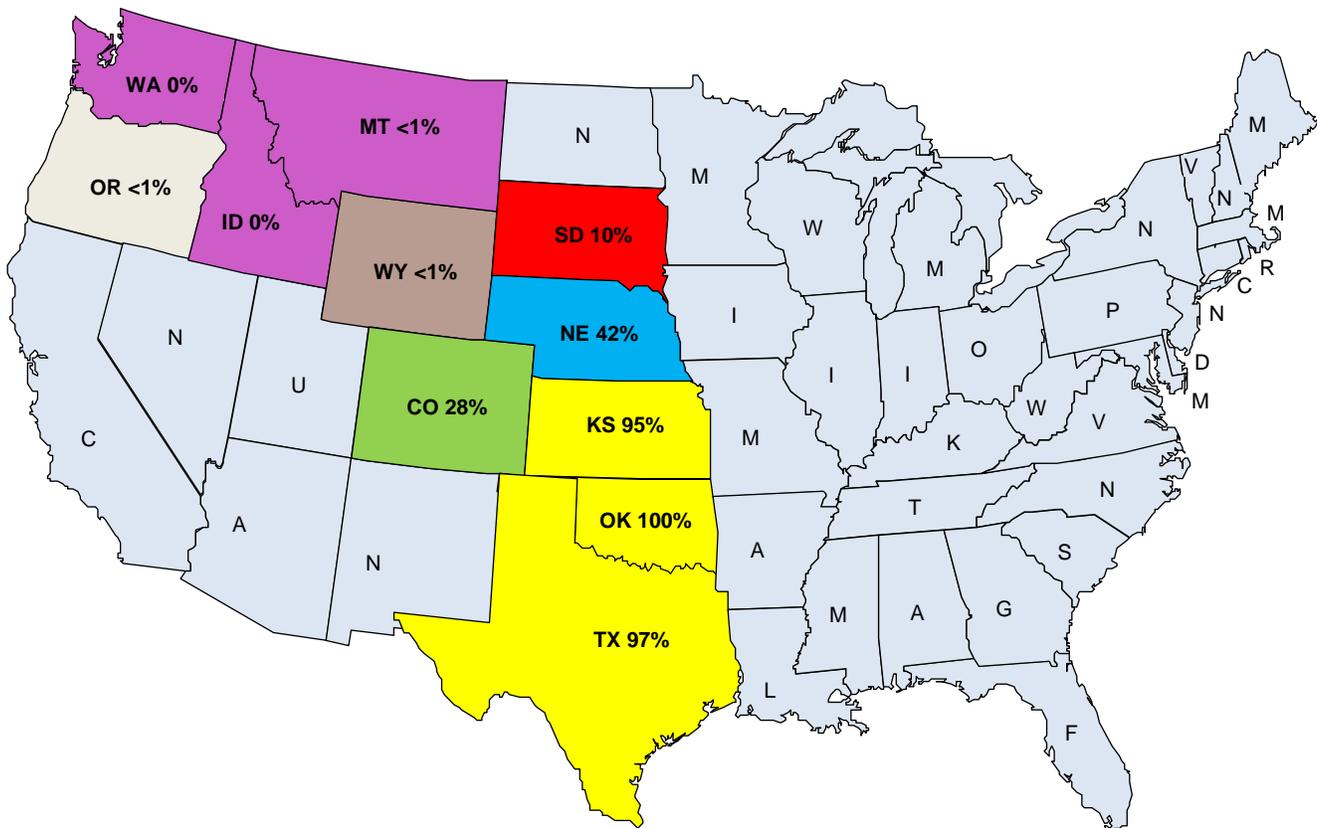
July 14, 2022

1. **Texas** – 97% complete Monday, 31.5 mln bushels. 52% below 2021.
2. **Kansas** – 95% complete Monday. Earlier than normal, shorter bushels. USDA 67 mln bu production. Hot dry. drought areas expanding in W. KS , impacting corn crop. HW maybe 30% of last year.
3. **Colorado** - 28% harvested. Est. 44 mln bu crop. Around 50% done by weekend. Variability in NE part of state. Some scattered showers. Saw fly damage widespread in NE counties, swathing. TW 59+, proteins 12's+ hot/dry forecast.
4. **Oklahoma** – Harvest complete. Better harvest than estimated - new drought tolerant wheat varieties/producer management practices. Production est. 72.9 mln bu down 37% from 2021. Yield 27 bu avg.
5. **Nebraska** – Harvest moving rapidly, central/East done. SW, 90% complete. Moving into Southern Panhandle, rapid. Yields 10-40 bu/ac. Hot/dry. Good TW, strong protein – (13-14%). Northern Panhandle , problem area, lots of hail, sucker heads.
6. **Wyoming** – Sucker heads – freeze damage. Test cutting, harvest full blown mid-next week.
7. **South Dakota** – 80 mln bu of winter/spring wheat. 10% harvested for winter, great crop. NASS 54 bu/ac, little disease pressure. Good TW, protein. Spring end July/August. HRW 40% G/VG, HRS 66% G/VG. Hot/dry weather forecast.
8. **Montana** – 1-2 weeks behind, heating up. Grasshoppers. USDA 83% of normal 5 year avg. 2021 50% of normal production. Winter 10% VP, 30% P, 38% F, 15% G, 7% E.
9. **Idaho** - dry 90's – 100's forecast (but N. ID still cooling off good at night). Most winter turning, grasshoppers damage concerns. Winter 64% G-E, spring 68% G-E. Grower sentiment strong for small grain yields.
10. **Oregon** - harvest started - few producers in the north central. About two weeks behind in harvest schedule. NASS figures: 75% winter wheat Good/Excellent, 21% fair, 4% poor/very poor.
11. **Washington** – NASS 131 mln bushels, 84% increase from 2021. 73 bu/ac, up 31 bu from 2021. Harvest just starting. Spring 22.3 mln bu, 18 bu increase on yield. Winter: 13% E, 57% G, 27% F; Spring 11% E, 83% G, 5% F, 1% P. Consistent temps in 80s.
12. **Minnesota** – USDA accurate, 61.5 mln bushels. 10% increase form 2021, 53 bu/ac avg. (up 5 bu/ac). Predicating 1.16 mln acres harvested, same as 2021. Plot tours this week – adequate / excessive moisture in some areas. Most crop heading, little insect/disease, but watching fusarium. Some showers/high humidity forecast.
13. **North Dakota** – NASS optimistic, 51 bu yield vs. 33 bu 2021. Production 268 mln bushels. Durum 40 bu yield, 40 mln bu crop. 2-4 weeks behind avg. still, crop looks good. Majority rated G-E, some heat stress on late planted crop. Low disease pressure. 40% headed vs. 80/90% avg. Hot temps forecast.
14. **Maryland** - USDA says 70% but closer to 85% . Quality is G-E, yields outpaced the last several years. Some issues lingering with DON.

15. **USDA/PGI/NASS – Troy:** wrapped up in TX, OK, finishing KS. Moving through NE. 337 samples pulled. **Brad:** 300 samples in lab. TW 61%, min 55 max 64, Overall avg % large kernels 57.8% L, 41% M, S 1.3%. Protein avg 12.9%. Kernel weight 30.3 mg, 23-35 mg. Kernel diameter – 2.6mm (same as 21) ranging 2.3-2.8mm. Standard deviation similar to past few years. Hardness, slightly harder than 21, similar to 2020 at 66. Ranging from 12.9-86. FN avg. 312 seconds, min 74, max 427. Functionality data good, good mix times/tolerances. Composite milling – starting next week. **Mark:** Some FN concerns out of OK – mapping by zip code, trend with higher rainfall areas. Enid Grain Inspection – 123 samples, TW slight uptick in total damage kernels, 2% vs. 0.5% 2021.
16. **GPAL** - 188 SRW samples, average protein is still slightly ahead of 2021, and the five-year average. 1000 KW similar to 5 year avg. but below 2021. Strong TW. FN above 5 year avg./2021. Sample collection to be completed next week.

Percent HRW Harvested by State

July 14, 2022





This is day 18 of the Kansas Wheat Harvest Reports, brought to you by the Kansas Wheat Commission, Kansas Association of Wheat Growers and the Kansas Grain and Feed Association.

Combines are cutting the last few fields in north central Kansas as producers put their final touches on the 2022 Kansas wheat harvest and turn their attention to other fieldwork. In the weekly Crop Progress and Condition report, USDA National Agricultural Statistics Service noted 95 percent of the wheat crop has been harvested as of July 10, ahead of 82 percent last year and 86 percent for the five-year average.

Ron Suppes, who farms across Lane, Scott and Finney counties, reported he had a good harvest. His average across farms was 37 bushels per acre. Test weights stayed heavy at 62 pounds per bushel or better on everything, moisture stayed steady at 10.5 to 12.5 percent and protein was excellent at 13.2 to 14.7 percent.

“The wheat was really nice,” Suppes said. “We had more than we should have, but not as much as we wanted.”

With a lack of moisture, kernel count was well below normal at 26 to 28 kernels per head. From the time Suppes planted fields to harvest, the most moisture on a field was six inches and the least was 4.5 inches. Most of that rain came in bits and pieces of .30 to .40 of an inch, which did not help the wheat much, but cool weather before harvest was conducive to filling kernels.

Suppes plants all his winter wheat fields to hard white winter wheat. This year he planted two varieties — Kansas Wheat Alliance’s Joe and KS Silverado. He noted performance was neck-and-neck with the two varieties from field to field, although he estimated Joe yielded a few more bushels overall and KS Silverado is expected to have slightly better baking quality.

In north central Kansas, harvest is very near the end in Phillips County after eight days of rain delay over two weeks, according to Bruce Williams with Trinity Ag LLC in Smith Center. He reported the wheat was a little better than expected, hitting projections, but with wide variations due to crop rotations.

Wheat following summer fallow yielded the best at 67 to 85 bushels per acre, although Williams noted that there are not many summer fallow acres up in the area. Wheat following corn or continuous wheat took a bigger hit at 37 to 45 bushels per acre and wheat following soybeans only yielded 20 to 25 bushels per acre.

Test weights started the harvest season strong at 60 to 61 pounds per bushel as folks were cutting their better wheat, but the average has now dropped to 57 to 58 pounds per bushel as producers pick up their remaining fields. Rain during harvest was just enough to shut down the combines, but not enough to impact test weights.

Protein is averaging 11.7 to 12.5 percent with some fields higher and some fields lower. Williams reported a few loads of light smut showing up, but the disease pressure did not even affect entire fields, so he was not concerned.

Overall, some fields looked pretty tough, which is why Williams said area producers are happy with what they are cutting. With wheat acres down the last two years in favor of other crops, folks are turning their attention to other fieldwork — burndowns on wheat stubble, last-minute spraying on corn and getting another hay crop swathed and baled. Wheat harvest may be nearly over, but the work will continue.

The 2022 Harvest Report is brought to you by the Kansas Wheat Commission, Kansas Association of Wheat Growers and the Kansas Grain and Feed Association. To follow along with harvest updates on Twitter, use

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Written by Julia Debes for Kansas Wheat



July 11, 2022

2022 Harvest Reports

Final - Day 18



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