

Harvest Summary of HRW July 22, 2022

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

<u>State</u>	<u>Percent Complete:</u>
○ Texas	100%
○ Oklahoma	100%
○ Kansas	99%
○ Colorado	61%
○ Nebraska	75%
○ South Dakota	34%
○ Montana	17%
○ Washington	2%
○ Oregon	3%
○ Idaho	1%
○ Wyoming	18%

The 2022 HRW wheat harvest continues to roll through Colorado, Nebraska and South Dakota which now ranges between 1/3 and 2/3 complete with harvest. Sampling is now complete in Texas, Oklahoma, and Kansas with all samples now in the lab from those states. Harvest is just now underway in all HRW states in the Pacific Northwest as hot and dry weather prevails. Montana, Washington, Idaho and Oregon are all now reporting 65% - 75% good to excellent crop condition ratings and continue to expect above average yields and quality.

Very little disease or weed pressure is being reported in this crop (in all states) which was also expected considering the abnormally dry conditions this crop developed under. However, some damage is being reported due to sawfly and grasshopper infestations in NE Colorado and SE Wyoming.

Test weights continue to average above 60 lb/bu (60.5 lb/bu) with protein still averaging 13.3%. There are now 360 samples the lab and in various stages of testing. This crop overall has had very low dockage (0.4%) with very good (and uniform) kernel characteristics which are expected to continue as harvest moves north and west.

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

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

July 22, 2022

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
360**	520	10.6	13.3	0.4	30.1	330	HRW 1	60.5 79.6	0.1	0.6	1.0	1.7

**All 360 samples are in various stages of testing.*

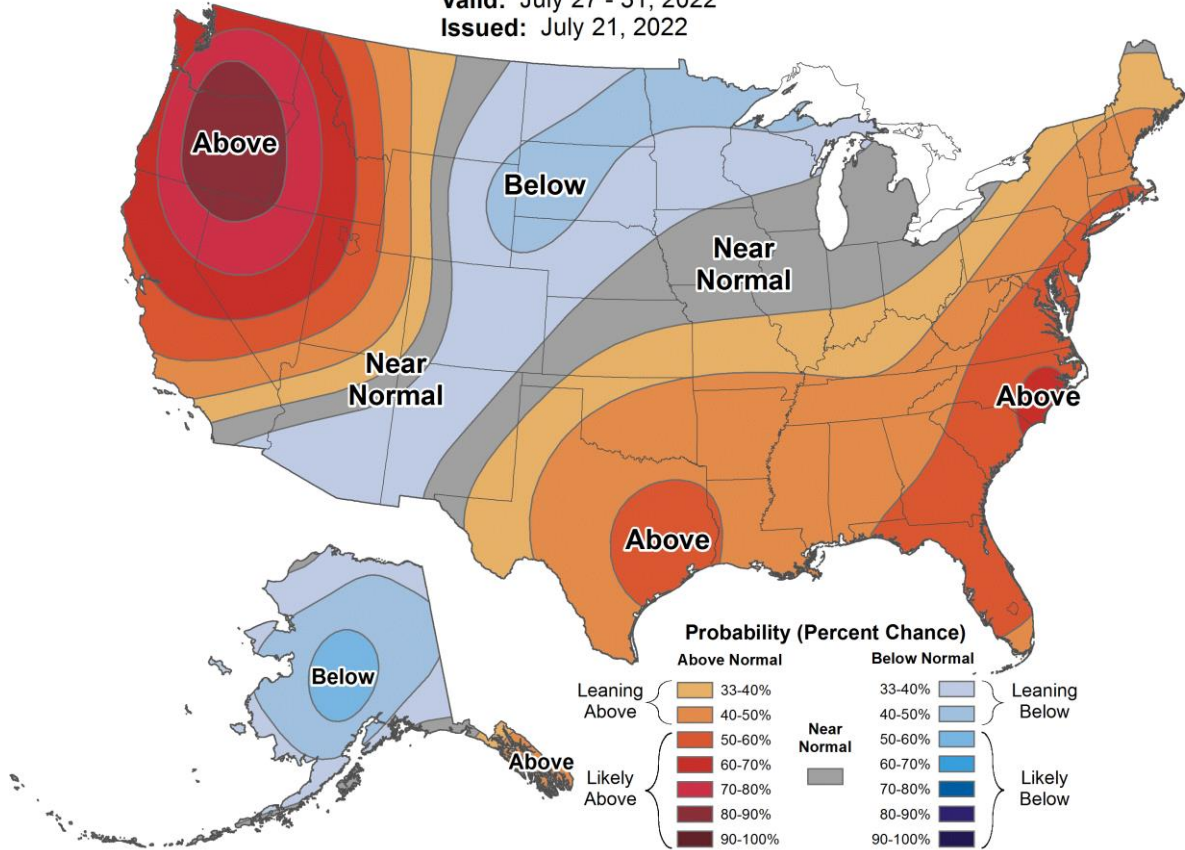
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6-10 Day Temperature Outlook



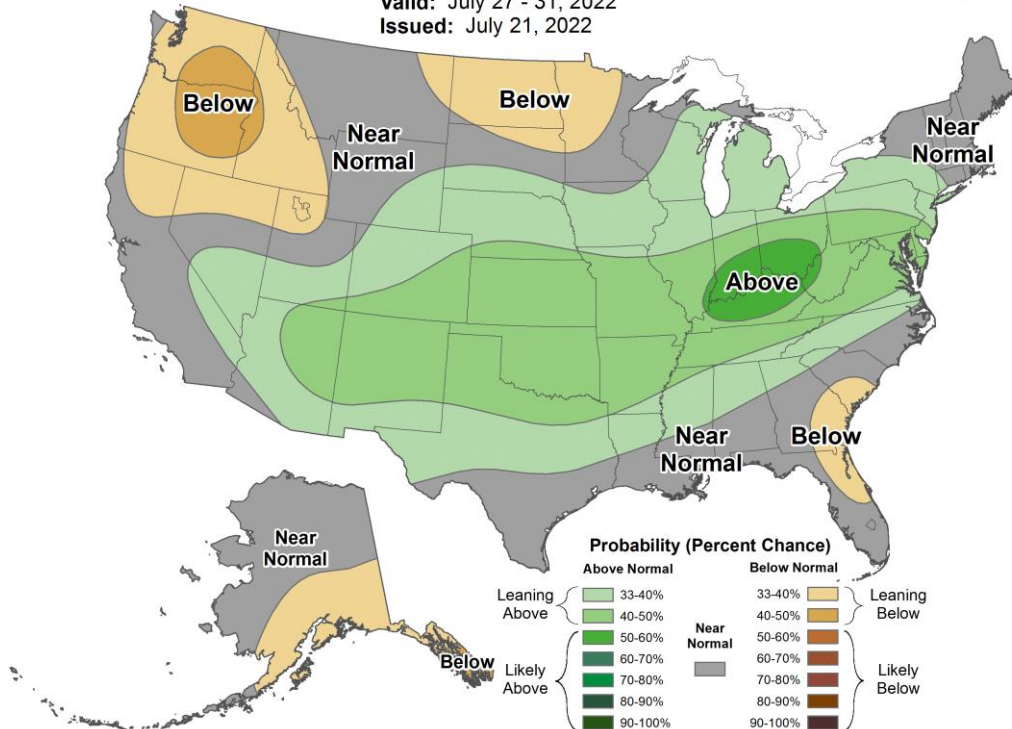
Valid: July 27 - 31, 2022
Issued: July 21, 2022



6-10 Day Precipitation Outlook



Valid: July 27 - 31, 2022
Issued: July 21, 2022



States Update:

July 21, 2022

1. **Texas/Oklahoma/Kansas** – Harvest completed.
2. **Colorado** – Very hot, 100 degrees, some spotty showers. Low yields, hearing 15 bu yields. Quality good, sawfly damage. 33 mln dollars in damage on wheat crop annually from sawfly. 57% harvested. Expect complete in next week.
3. **Wyoming** – 9% harvested Sunday, dryland wrapping up end of week. Quick harvest. Quality looks good, no TW below 59 yet, few proteins below 13%. Storms/heavy rain forecast. Some sawfly pressure (freeze damage).
4. **Nebraska** – Harvest moving quick, hot/dry. 10-60 bu/ac yields (dryland). Strong protein/TW.
5. **South Dakota** – Harvest moving quickly, 25% harvested winter. Very good quality. 60-80, with some 80+ bushel yields. Expect moving N to see decline in yields. NASS 1% harvested on spring, 49 bushel estimate. Dry/hot weather.
6. **Montana** – Big weather swing, cooler than avg. Shorter than avg. crop, heads filling, turning very quickly. Seeing some combines in Great Falls (early), isolated hail past few weeks. Filled out nicely. NASS 8% harvested for winter, spring delayed.
7. **Oregon** – Harvest starting, expect cutting more widespread next week. Freeze damage - Klamath Falls area, all others report above avg. yields, excellent TW/low protein. NASS winter wheat 68% G/E, 28% F, 4% P/VP.
8. **Washington** – NASS 3%, warm weather. Spring still green, NASS 89% headed, cool/wet spring, delayed harvest (2-3 weeks behind avg.) Winter 16% E, 54% G. Spring 78% G, 19% E.
9. **USDA/ARS/PGI/NASS** – 360 samples in lab, (KS, TX, OK completed) working on composites, 20 so far. Milling started yesterday. 60 lb TW, Kernel Sizing – 56% L, 42% M. 12.9% Pro, Avg 330 FN, pulled samples out of SDS Testing/Mixograph testing – sedimentation 55, absorption – 63.5 (high), mix time 4.25, tolerance (lower end but think this is skewed towards lower numbers because equal range of values, expect tolerances to come up when composites are made). State avgs.: TX: 60 lbs, 55 vs. 42% L vs. M kernels, protein 13.1, TKW 30.1, KD 2.55, FN 351. OK – TW 60.4, 58% L, 42% M, 13.2% pro, KD 2.61, hardness 64, FN 292. KS: TW 60.5, 52% L, 46% M, 12.7% Pro, KD 2.50, hardness 63, FN 362. 2021 hardness 61, 2020 - 67, 2022- 65.
10. **GPAL** – Wrapping up soft wheat survey. 230 samples, protein slightly above 2021, close to 5 year avg. 14 areas completed – graded at 2 or better. TW slightly above 2021, 59.9. Yield higher, ash about the same. Bread volume similar to 2021, same with cookie WT ratio at 1077. Down some samples this year due to elevators shutting down. Expect to start composites on Monday.
11. **WMC** – Expect to receive samples tomorrow/next week. May have some data from earliest samples next week. Will put out weekly SRC profiles.
12. **Brian Walker** – Spring wheat tour next week (Monday). Generally positive feedback for performance on new crop. Mills getting into it (hard to gauge performance since its so hot/sticky in TX/KS). Farinograph tolerance/absorption up. Stabilities up from last year.

Percent HRW Harvested by State

July 22, 2022

