

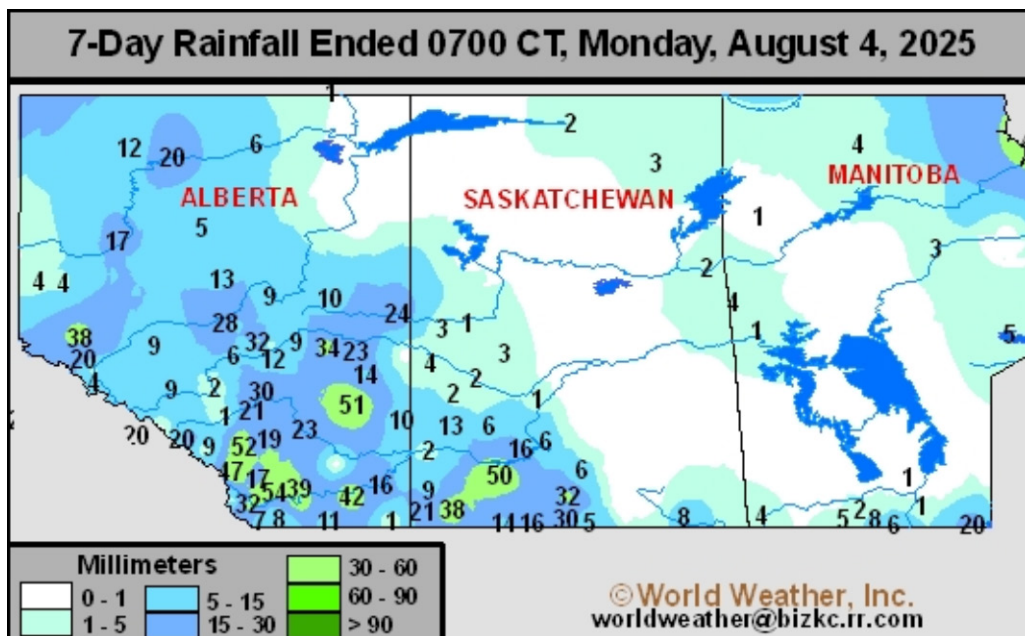
# Canadian Prairies To Receive Much-Needed Rain This Week

By Andrew Owen

Kansas City, August 4 (World Weather Inc.) – Several areas in Alberta and western Saskatchewan received significant rain over the weekend as storms evolved on a frequent basis. Pockets received multiple inches of rain that will support a better environment for the later stages of development. *Crop conditions remain highly variable across the Canadian Prairies as rainfall has been beneficial for some while missing other production areas. Northern Alberta and portions of northern and eastern Saskatchewan into Manitoba have been much drier than usual this growing season and production potentials have steadily declined.* An active weather pattern is in store for the Prairies this week with waves of rain and thunderstorms expected. *The precipitation will be welcome, but it will come too late to significantly improve production potentials in areas that have struggled with dryness for much of the growing season.*

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Rainfall varied significantly across the Canadian Prairies during the past week. Central and southern Alberta into southwestern and extreme south-central Saskatchewan received the most significant rain. Totals ranged from 0.50 to just over 2.00 inches for the seven-day period ending this morning, though several unofficial totals of 4.00 inches or more were noted in a few pockets due to thunderstorm activity this past weekend. Northern Alberta and a few locations in west-central Saskatchewan and southern fringes of Manitoba received 0.20 to 1.00 inch of rain with local amounts up to 1.50 inches. The remaining locations in Saskatchewan and Manitoba were either dry or did not receive enough rain to counter evaporation.

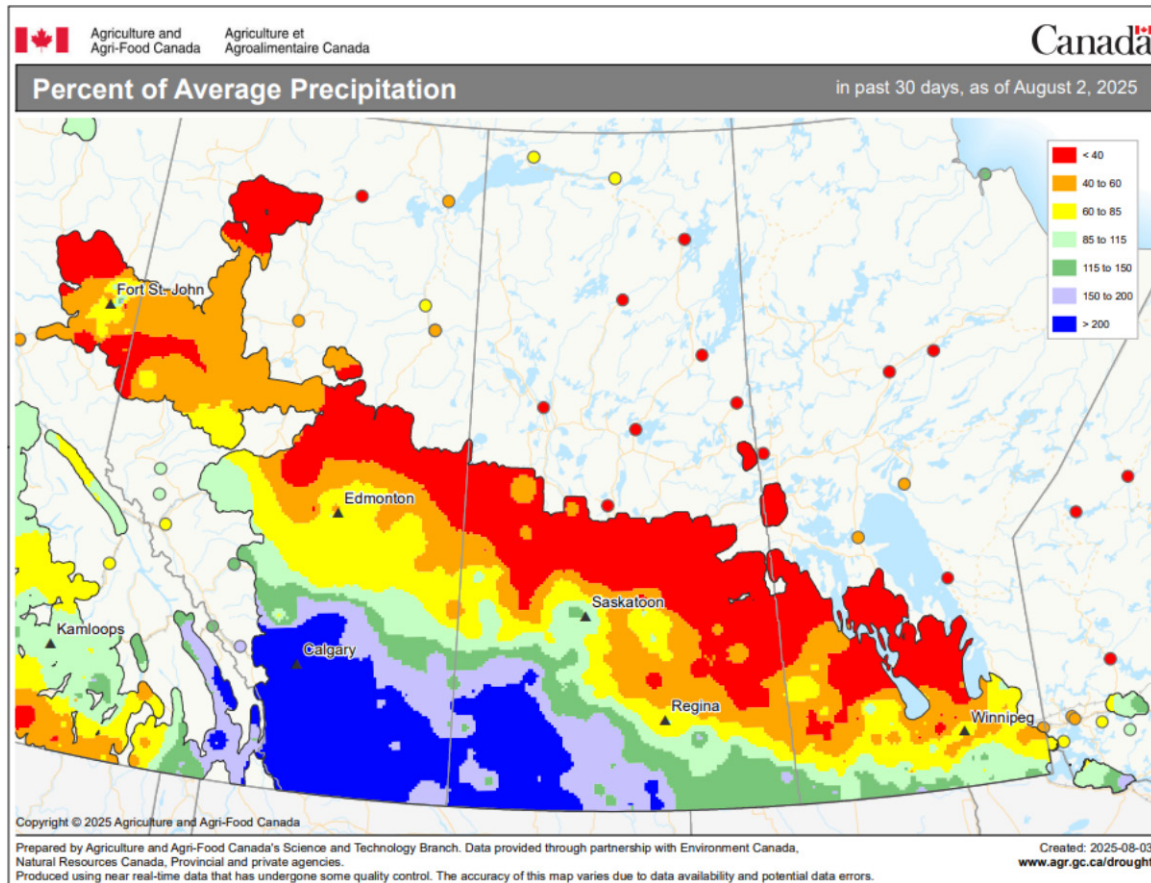


Southern Alberta and many areas in southwestern and south-central Alberta were much wetter than usual during the past month. These areas received 150% to over 200% of normal rainfall for the 30-day period ending August 2. A few locations in southeastern and west-central Saskatchewan, central Alberta, and southern fringes of Manitoba also received

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near or slightly above normal rainfall. Other production areas were drier than normal with many areas from northern and central Manitoba through east-central and northern Saskatchewan into northern Alberta receiving less than 40% of normal precipitation.

Soil moisture is rated adequate in much of central and southern Alberta into southwestern and extreme south-central Saskatchewan. Other locations have marginally adequate to short soil moisture pockets in Manitoba and northern Saskatchewan that remain critically dry.



Production potentials are highly variable across the Prairies. Central and southern Alberta into portions of western and southern Saskatchewan and southern Manitoba received enough rain or had enough moisture in recent weeks to support relatively good conditions for grains, oilseeds, pulses, dry beans, and other crops. Yield potentials are more variable elsewhere with some crops expected to produce lower than usual yields in portions of northern Alberta and northern Saskatchewan due to ongoing dryness. Some of the most advanced crops in the driest fields are too far along to benefit from any additional rain.

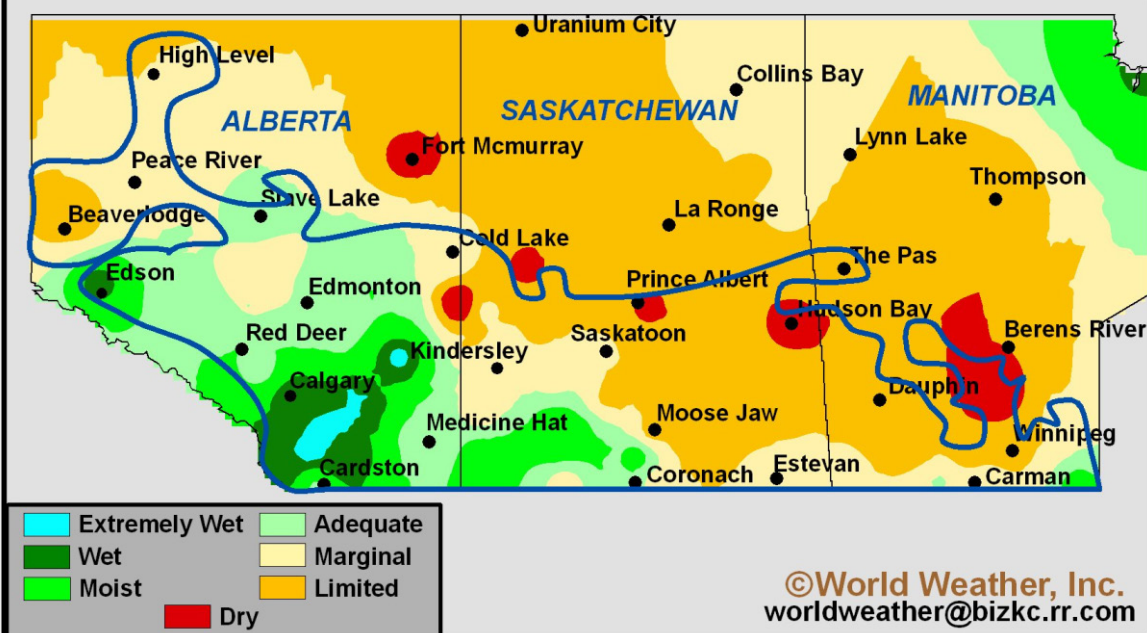
The Prairies will have several opportunities for rain this week as a series of disturbances advance over the region. The first system will bring rain and thunderstorms from west to east across the region through Wednesday. Another disturbance will bring rain and storms from west to east Wednesday into Saturday. A third system and associated frontal boundary will continue to generate erratic rainfall and isolated storms over the balance of the weekend.

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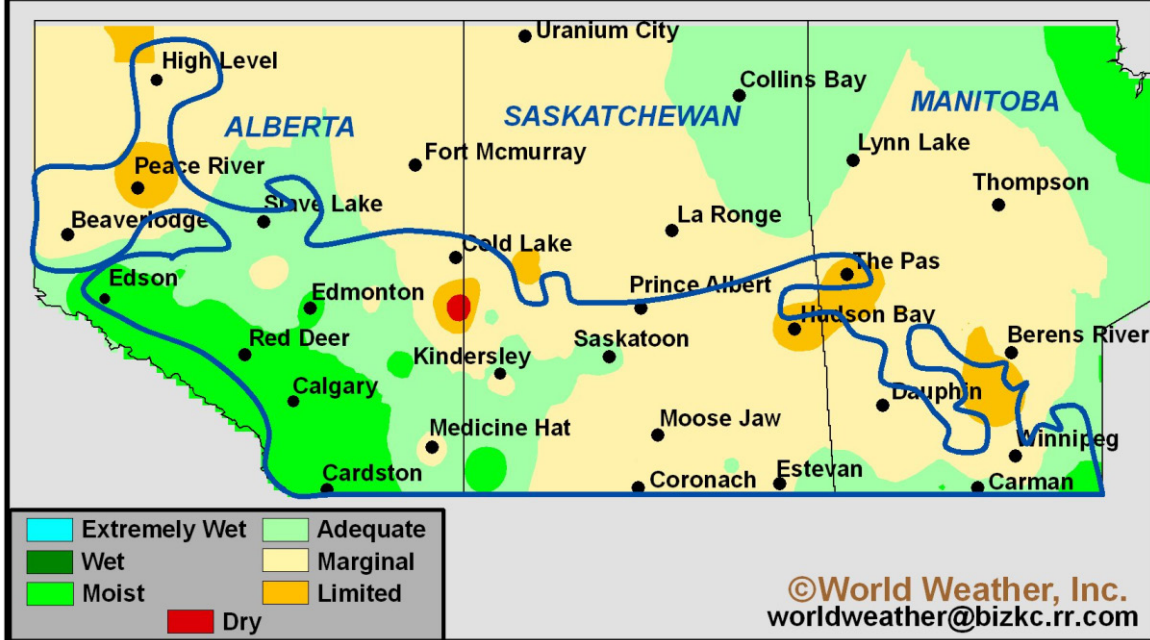
Rainfall by next Monday morning will range from 0.75 to 3.00 inches with a few exceptions. Pockets in Saskatchewan and Manitoba will receive more than 4.00 inches of rain due to thunderstorm activity. Several pockets in southern Alberta, southwestern Saskatchewan, and northwestern Alberta will also only receive 0.10 to 0.75 inch of moisture. Most disturbances will generate isolated thunderstorms with some of the most significant threat for storms occurring through Thursday. Locally heavy rainfall, hail, and damaging winds will be possible in a few pockets, though no major crop or structural damage is expected.

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### Average 7-Day Topsoil Moisture Ended August 4, 2025



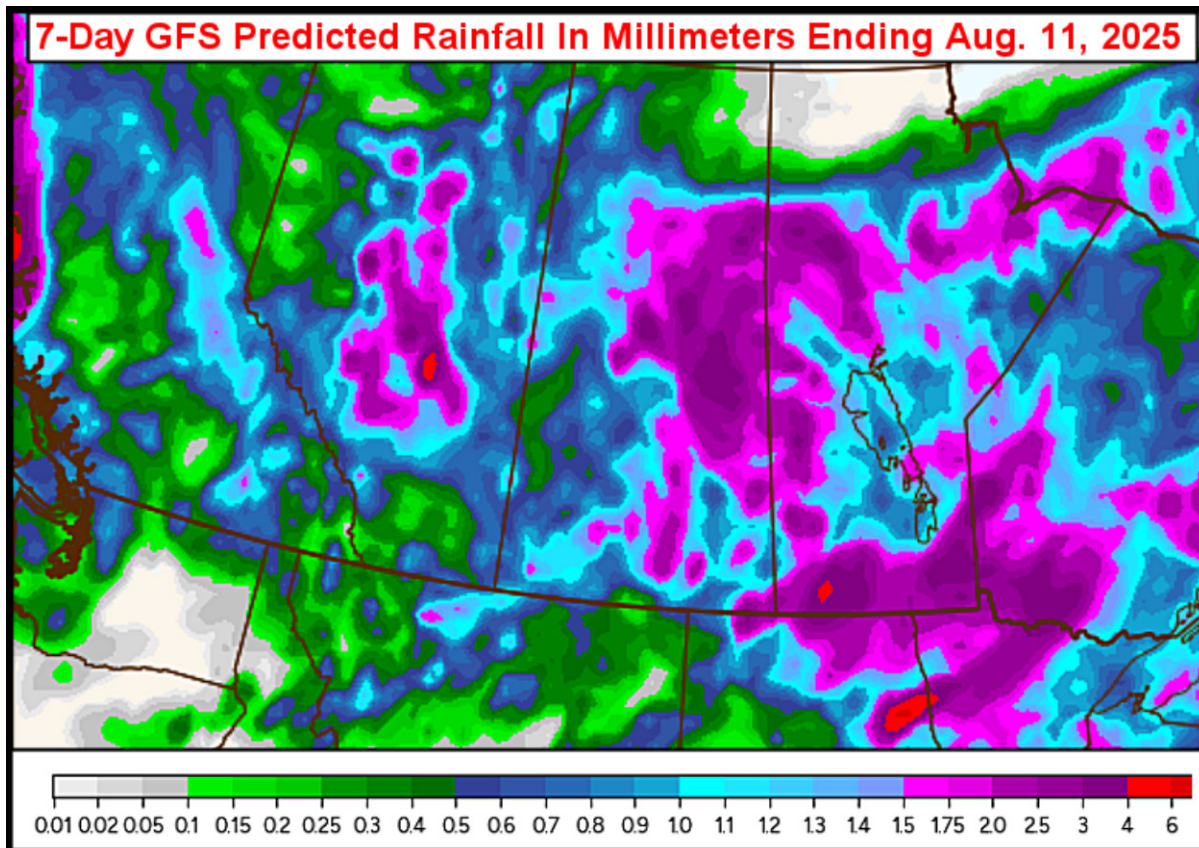
### Average 7-Day Subsoil Moisture Ended August 4, 2025



Temperatures this week will generally trend near or slightly above normal despite the periods of rain. Daytime highs will peak to the 70s and lower 80s Fahrenheit most often with portions of Saskatchewan and Manitoba warming to the upper 80s and lower 90s at times through Thursday. Pockets will also only warm to the 60s at times during periods of more significant rain. Low temperatures will be in the 50s and 60s.

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Waves of rain this week will help bolster soil moisture or keep soil moisture near current levels in a large section of the Prairies. The environment will either improve or remain relatively favorable for aggressive late-season development. Production potentials may improve marginally for some of the crops that have not matured early. Yields will remain highly variable depending on the moisture profile.



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