

Crop Report

For the Period July 25 to July 31, 2023

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Harvest is beginning with combines becoming a frequent site in the west-central and southwest regions of Saskatchewan. Many other areas of the province are preparing for harvest operations as the hot and dry conditions continue and the crops ripen. Producers are hoping for rain once the crops are off to help replenish soil moisture for next year.

Rain was received in the north this past week, as pockets of moisture moved through the region. Reports of hail were also received in some areas. The most rain recorded was in the Prince Albert area with 53 mm and the Shellbrook region also recorded significant moisture with 47 mm reported this week. Other areas of the province received some precipitation, with many reporting only trace amounts. Hot temperatures persisted this week, which, coupled with the lack of rain, caused a decrease in soil moisture. Provincially, cropland topsoil moisture is rated as 13 per cent adequate, 49 per cent short and 38 per cent very short. Hay and pasture land is very similar, where 11 per cent has adequate moisture, 42 per cent is short and 47 per cent is very short.

Pastures have also been impacted by the lack of rainfall. Currently, five per cent of pastures are in good condition, 28 per cent are fair, 42 per cent are poor and 25 per cent are in very poor condition.

Drought stress, heat, grasshoppers and gophers took their toll on some crops this past week. Many producers have stopped applying pest control products. Producers should always read the label and follow pre-harvest intervals when applying pest control products. More information is available in the [Guide to Crop Protection](#).

Dry conditions can be stressful for producers and they are reminded to take safety precautions in all the work they do. The Farm Stress Line is available to provide support to producers toll free at 1-800-667-4442. For producers dealing with dry conditions, additional resources are available through [the ministry website](#) or by contacting their regional office.

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One year ago

Harvest was beginning for the year in the western half of the province. This early start was due to dry conditions. Rain was received throughout the province this week, and pasture conditions were remarkably better than in previous years.

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Also available on the Ministry of Agriculture website at saskatchewan.ca/crop-report.



Agriculture and
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SASKATCHEWAN CROP
INSURANCE CORPORATION

Saskatchewan

Southeastern Saskatchewan:

- Crop District 1 – Carnduff, Estevan, Redvers, Moosomin and Kipling areas
- Crop District 2 – Weyburn, Milestone, Moose Jaw, Regina and Qu'Appelle areas
- Crop District 3ASE – Radville, Minton and Lake Alma areas

Many producers are preparing to harvest some of their pulse crops this week. Although excess moisture caused a delay in seeding this spring, the warm and dry conditions brought crops up to the same stages as the majority of the province.

Minimal rain was received this week with five mm of rain being the most recorded in the Avonlea area while other areas of the southeast received only trace amounts. The warm and dry conditions persisted this past week and soil moisture continues to be limited. Currently, 12 per cent of cropland has adequate moisture, 48 per cent short and 40 per cent very short. Hay and pasture land soil moisture is even more limited, with seven per cent rated as adequate, 32 per cent short and 61 per cent very short. Producers are hoping for rain this fall and snow this winter to help with topsoil moisture next spring.

Pastures in the region are seeing the effects of limited moisture. Twenty-one per cent are in fair condition, 58 per cent are poor and 16 per cent are very poor.

Crop damage this week was due to drought, high temperatures and grasshoppers. Producers are busy finishing their haying and silage operations, preparing combines and getting ready for harvest.

Southwestern Saskatchewan:

- Crop District 3ASW – Coronach, Assiniboia and Ogema areas
- Crop District 3AN – Gravelbourg, Mossbank, Mortlach and Central Butte areas
- Crop District 3B – Kyle, Swift Current, Shaunavon and Ponteix areas
- Crop District 4 – Consul, Maple Creek and Leader areas

Combines are becoming a regular site in the southwest this week as producers begin their harvest operations. Just under three per cent of harvest is complete in the southwest, with another three per cent ready to be straight cut.

Some parts of the region received much needed moisture this week, while others received only trace amounts. Rockglen received the most with 28 mm being reported. Cropland topsoil moisture is limited in the region. Cropland is currently ten per cent adequate, 36 per cent is short and 54 per cent is very short. Hay and pasture land is very similar, where 12 per cent has adequate moisture, 32 per cent is short and 56 per cent is very short.

Pastures in the southwest have had little opportunity to rejuvenate during the hot and dry summer. Four per cent of pastures are in good condition, 19 per cent are in fair condition, 31 per cent are poor and 46 per cent are very poor. Some producers are planning to use failed grain crops for feed this year.

Crop damage this week is due to drought and grasshoppers. Producers are busy assessing potential yields and feed supply for this winter. Many are out harvesting or baling failed crops.

East-Central Saskatchewan:

- Crop District 5 – Melville, Yorkton, Cupar, Kamsack, Foam Lake, Preeceville and Kelvington areas
- Crop District 6A – Lumsden, Craik, Watrous and Clavet areas

Producers are preparing for harvest in the east-central region this week and are testing their grain moisture levels to gauge when to start combining. Some have made a small amount of progress with harvest already. The excess moisture this spring has caused a slight delay in harvest as compared to the rest of the province.

Minimal rain was received this week. The Lumsden area reported the most rain with just six mm, the rest of the region received only trace amounts of precipitation, if any. Topsoil moisture further declined this week; seven per cent of cropland has adequate topsoil moisture, 57 per cent is short and 36 per cent is very short. Hay and pasture land follow a similar pattern where eight per cent has adequate moisture, 48 per cent is short and 44 per cent is very short. Producers are hoping for additional moisture to help with next year's crop.

A lack of rain throughout the growing season meant pasture conditions declined. Two per cent of pastures are in good condition, 30 per cent are fair, 48 per cent are poor and 20 per cent are very poor.

Crop damage this week was due to drought and grasshopper pressure. Producers are busy preparing for harvest, assessing crop yields and feed supplies and finishing haying and silage operations.

West-Central Saskatchewan:

- Crop District 6B – Hanley, Outlook, Loreburn, Saskatoon and Arelee areas
- Crop District 7A – Rosetown, Kindersley, Eston and Major areas
- Crop District 7B – Kerrobert, Macklin, Wilkie and Biggar areas

Producers in the west-central region are watching their crops ripen quickly. While lentil crops have been harvested this week, most producers anticipate they'll begin harvest soon.

Some parts of the west-central region have received significant moisture; Smiley received 43 mm of rain this week while other parts of the region received as little as trace amounts. The topsoil moisture in the region continues to be limiting. Ten per cent of cropland has adequate topsoil moisture, 49 per cent is short and 41 per cent is very short. Hay and pasture land topsoil moisture is more limited; four per cent has adequate moisture, 41 per cent is short and 55 per cent is very short. Rain is needed to replenish the soil for next year's crop.

With the limited rain this summer, pasture conditions are less than ideal. Two per cent of pastures are in good condition, while 28 per cent are fair, 35 per cent are poor and 35 per cent are very poor.

Crop damage this past week was due to drought and grasshoppers. Producers are busy assessing crop yield and feed supply for this winter, preparing for harvest and desiccating pulse crops.

Northeastern Saskatchewan:

- Crop District 8 – Hudson Bay, Tisdale, Melfort, Carrot River, Humboldt, Kinistino, Cudworth and Aberdeen areas
- Crop District 9AE – Prince Albert, Choiceland and Paddockwood areas

Crops are still standing in the northeast and producers are watching their staging closely. Producers are expecting to be in the fields harvesting within the week or shortly after.

Parts of the region received some significant moisture this past week with Prince Albert receiving 53 mm of rain. This rain helped replenish soil moisture levels. Currently, 31 per cent of cropland in the northeast has adequate topsoil moisture, 54 per cent is short and 15 per cent is very short. Hay and pasture land is slightly more limited for moisture, 14 per cent has adequate moisture, 69 per cent is short and 17 per cent is very short.

Pastures in the northeast are generally in fair condition. Currently, six per cent are in good condition, 58 per cent are fair, 34 per cent are poor and two per cent are very poor.

Crop damage this past week is due to heat, some reports of hail and insect pressures. Producers are busy finishing haying and silaging, preparing machinery and bins for harvest, desiccating pulse crops and evaluating potential yields and feed supplies for this winter.

Northwestern Saskatchewan:

- Crop District 9AW – Shellbrook, North Battleford, Big River and Hafford areas
- Crop District 9B – Meadow Lake, Turtleford, Pierceland, Maidstone and Lloydminster areas

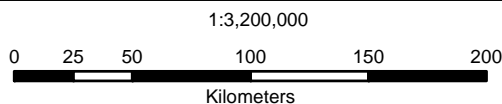
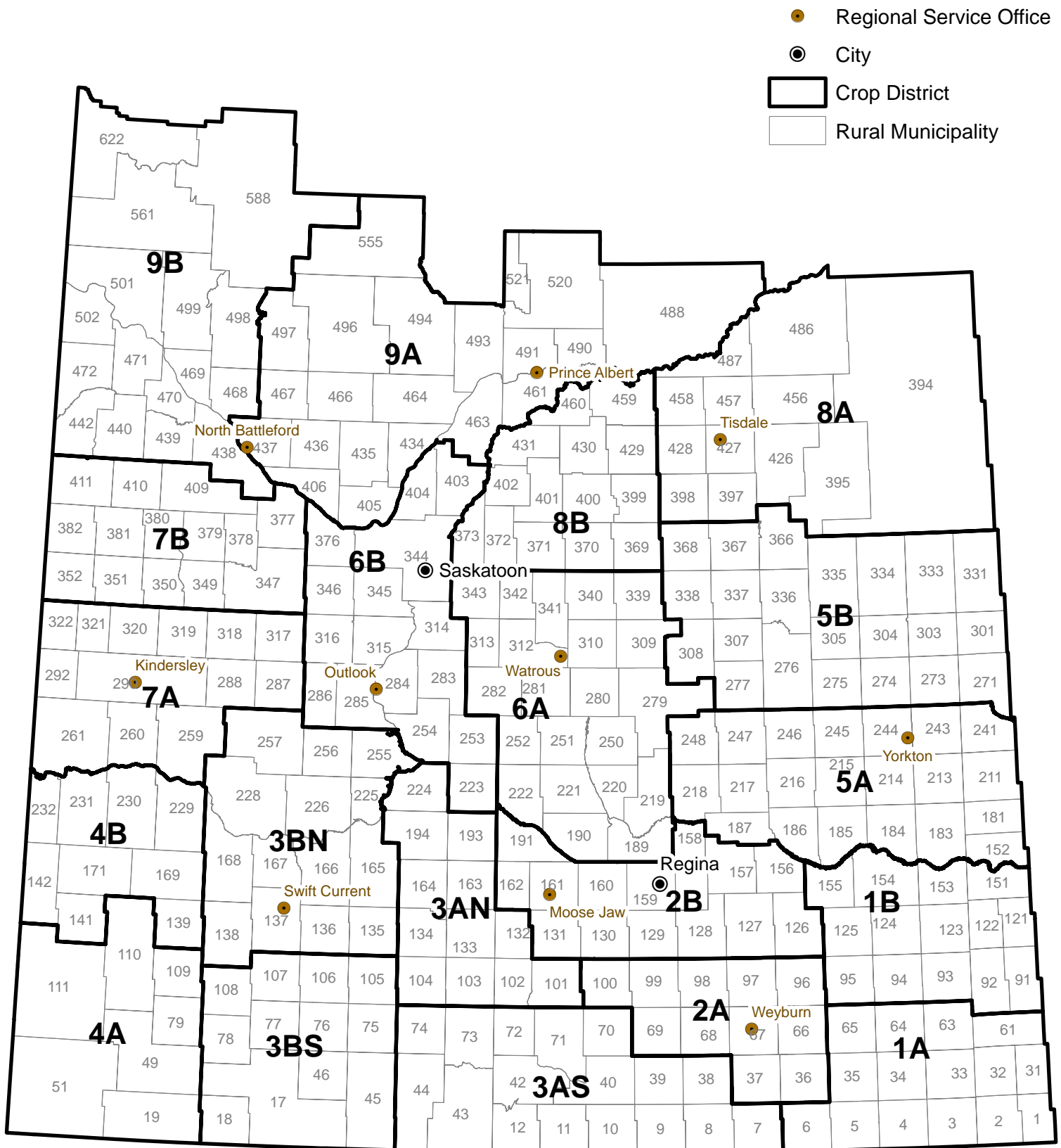
Producers in the northwest are happy they received rain this past week to help with grain fill. As warm temperatures persist, crops are maturing and beginning to ripen.

The region had some significant moisture this past week with 47 mm was received in the Shellbrook area. Other areas received as little as trace amounts. The warm and dry conditions persisted despite the rain and caused a decrease in topsoil moisture. Twenty-four per cent of cropland has adequate topsoil moisture, 60 per cent is short and 16 per cent is very short. Similarly, 21 per cent of hay and pasture land has adequate moisture, 57 per cent is short and 22 per cent is very short.

Pastures in the northwest are generally in poor condition. Eleven per cent of pastures are in good condition, 34 per cent are fair, 46 per cent are poor and nine per cent are in very poor condition. Producers are finishing their haying operations and are beginning to cut green feed.

Crop damage this past week is due to dry conditions and insect damage from lygus bugs and grasshoppers. Producers are busy with haying, desiccating and preparing machinery and bins for harvest.

Crop Districts and Rural Municipalities in Saskatchewan



Data Source:
Crop Districts - Saskatchewan Ministry of Agriculture

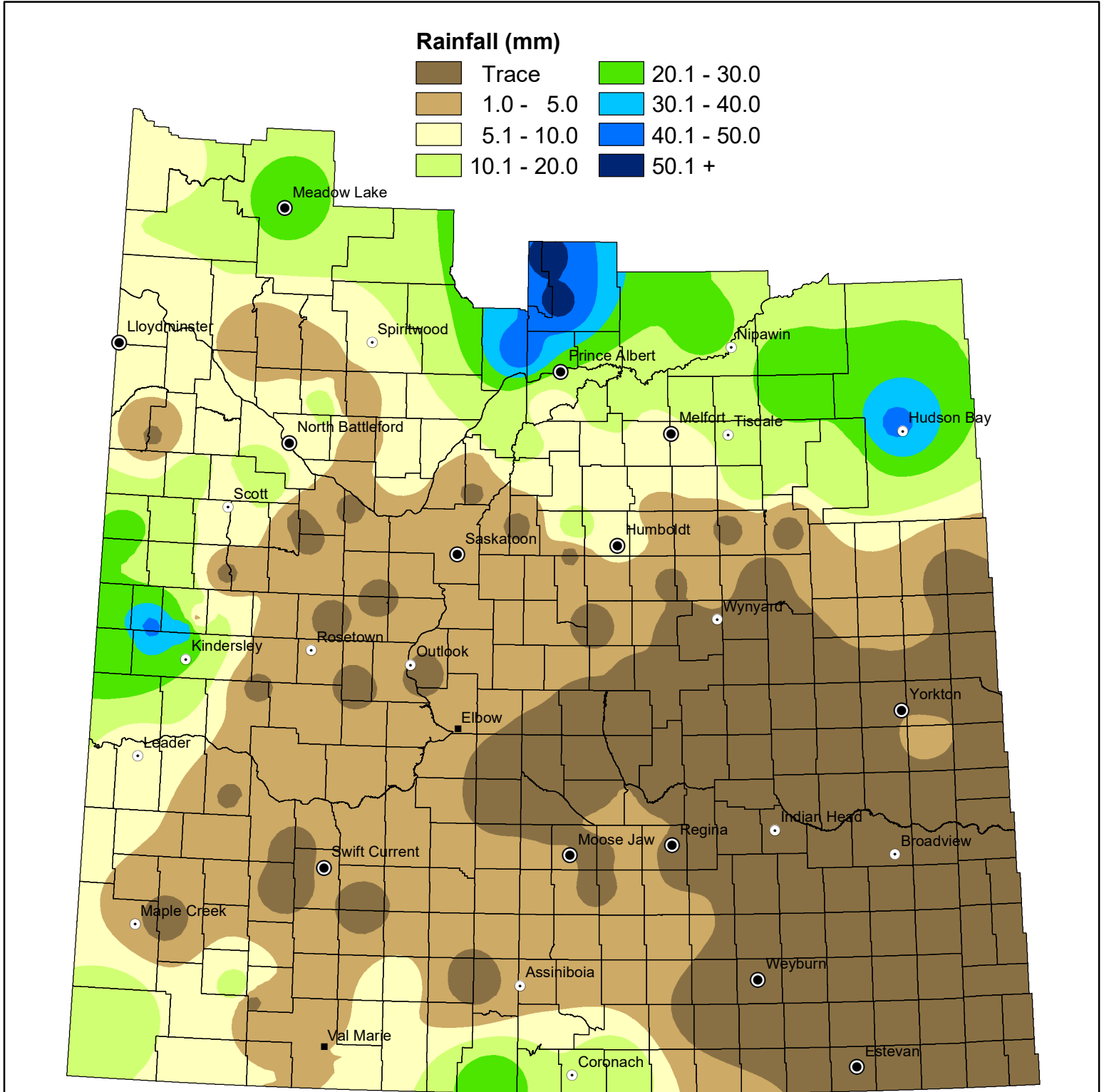
Projection: UTM Zone 13 Datum: NAD83

Geomatics Services, Ministry of Agriculture

October 17, 2019

Weekly Rainfall

from July 25 to July 31, 2023

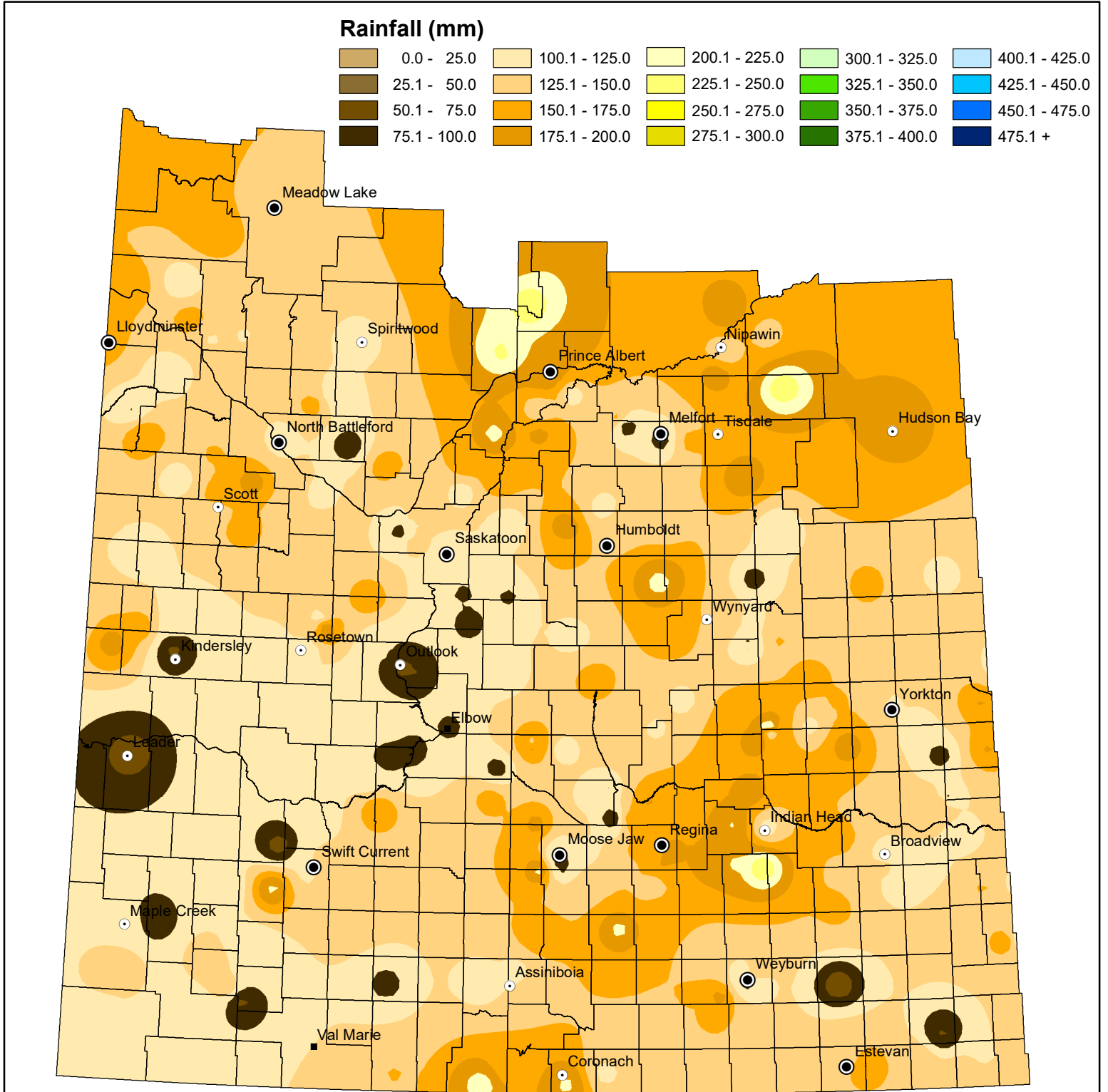


NOTE: Since techniques used to smooth the transition between zones can affect the values in localized areas, this map should be used for regional analysis only.

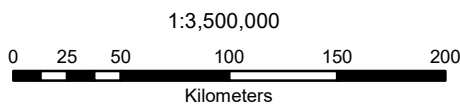


Cumulative Rainfall

from April 1 to July 31, 2023



NOTE: Since techniques used to smooth the transition between zones can affect the values in localized areas, this map should be used for regional analysis only.



Projection: UTM Zone 13 Datum: NAD83



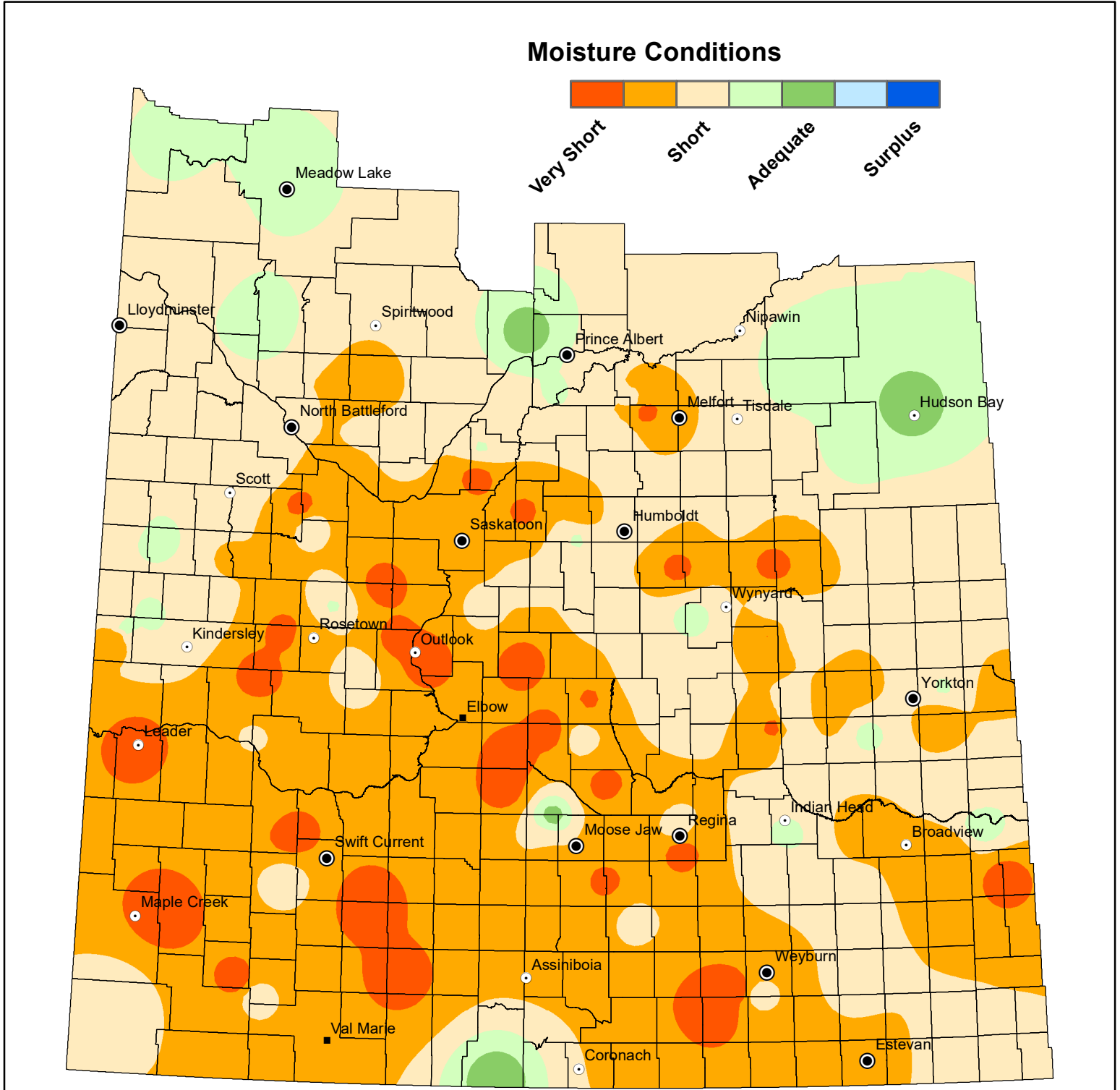
Data Source:

Rainfall - Ministry of Agriculture, Crop Report Database
 The following is compiled and quality controlled by Agriculture and Agri-Food Canada: Saskatchewan Ministry of Environment (Wildfire Management Branch) and Environment Canada.
 IDW interpolation (power 2.5, fixed radius 300 km)
 Geomatics Services, Ministry of Agriculture

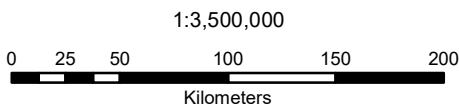
August 2, 2023

Cropland Topsoil Moisture Conditions

July 31, 2023



NOTE: Since techniques used to smooth the transition between zones can affect the values in localized areas, this map should be used for regional analysis only.



Projection: UTM Zone 13 Datum: NAD83



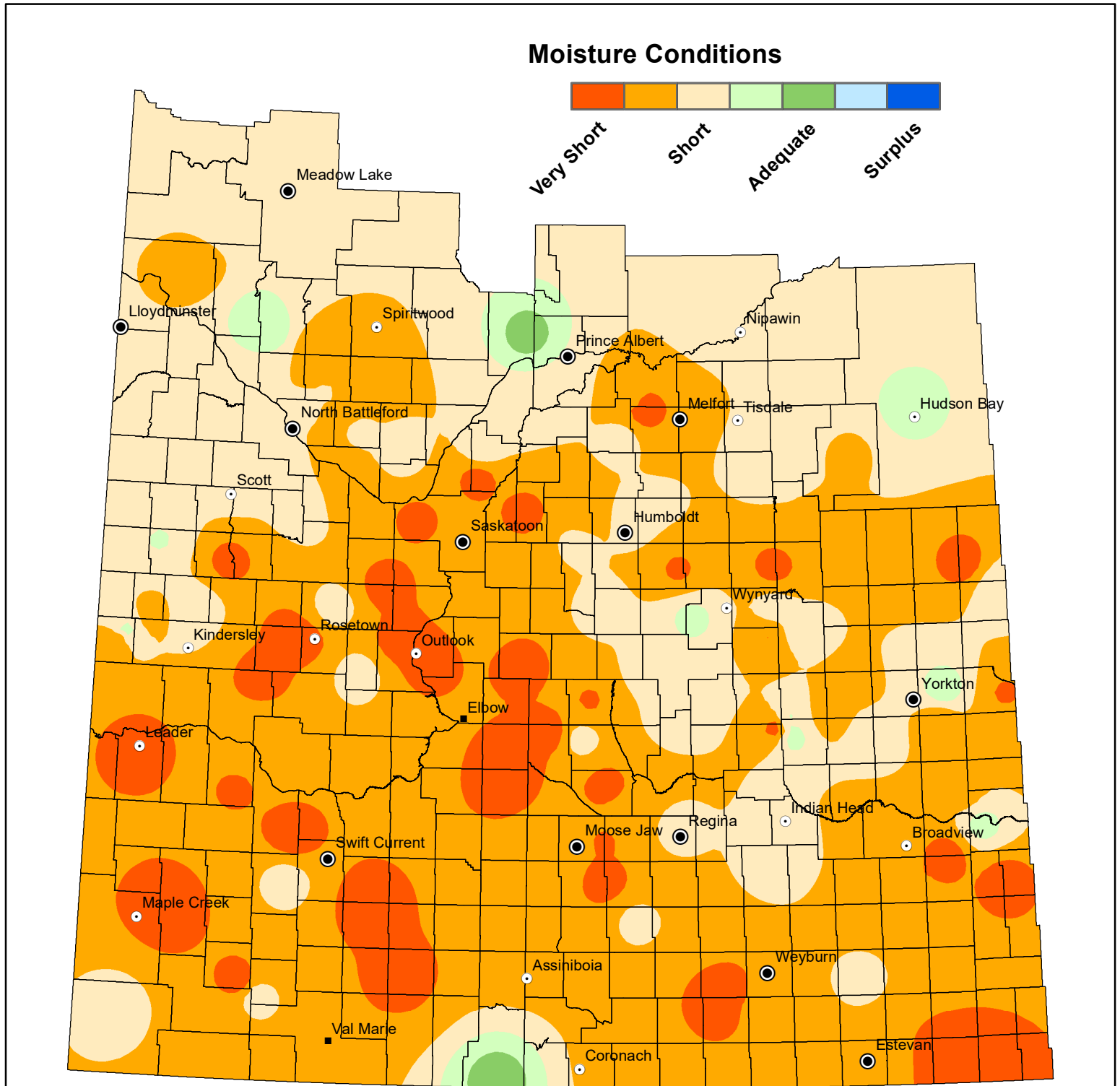
Data Source:
Moisture - Ministry of Agriculture, Crop Report Database
IDW interpolation (power 2.5, fixed radius 300 km)

Geomatics Services, Ministry of Agriculture

August 2, 2023

Hay and Pasture Topsoil Moisture Conditions

July 31, 2023

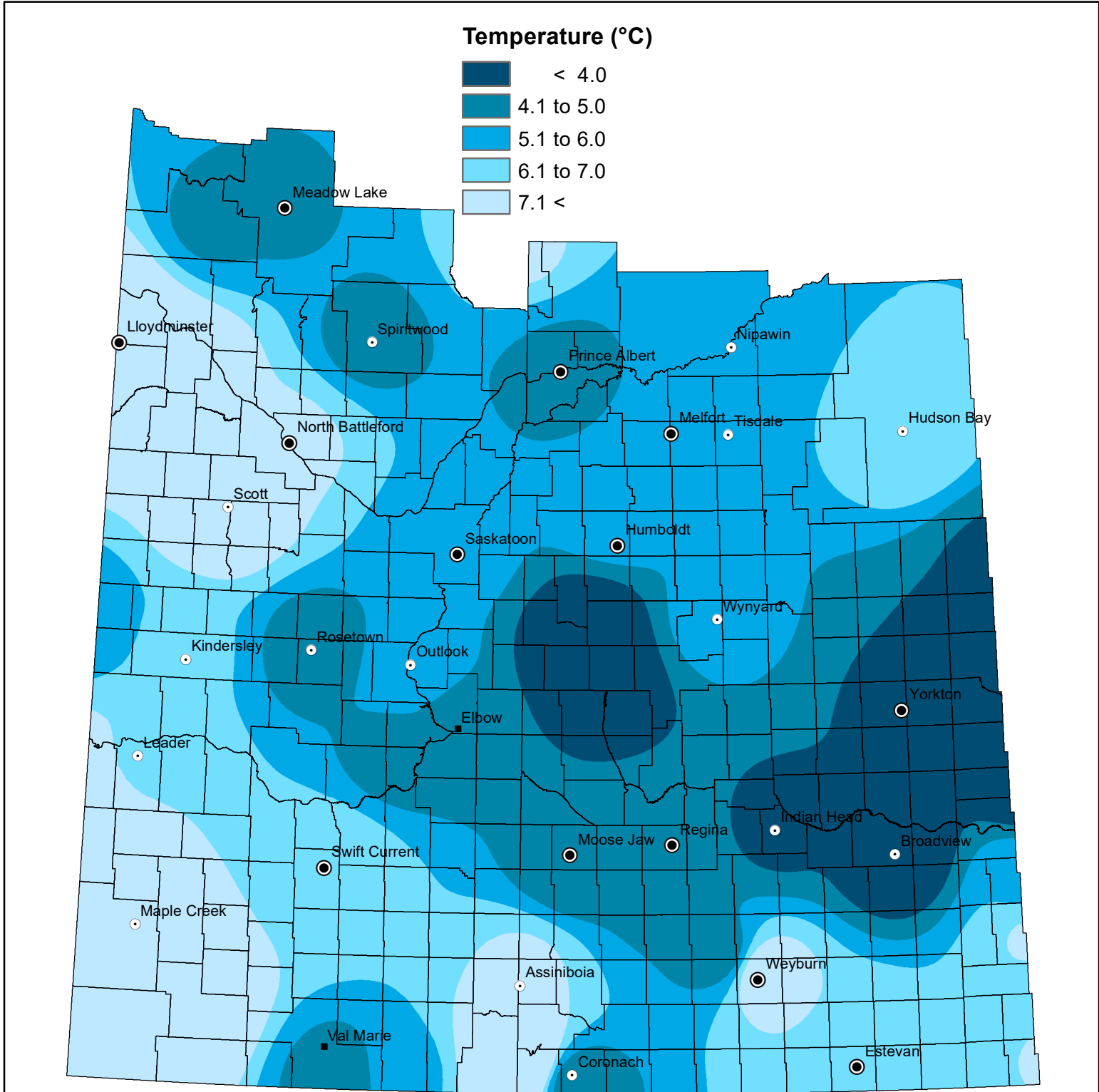


NOTE: Since techniques used to smooth the transition between zones can affect the values in localized areas, this map should be used for regional analysis only.

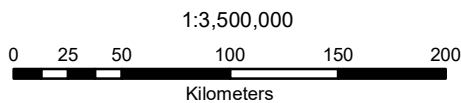
	<p>1:3,500,000</p> <p>Kilometers</p> <p>Projection: UTM Zone 13 Datum: NAD83</p>	<p>Data Source: Moisture - Ministry of Agriculture, Crop Report Database IDW interpolation (power 2.5, fixed radius 300 km)</p> <p>Geomatics Services, Ministry of Agriculture August 2, 2023</p>
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Minimum Temperature

from July 25 to July 31, 2023



NOTE: Since techniques used to smooth the transition between zones can affect the values in localized areas, this map should be used for regional analysis only.



Projection: UTM Zone 13 Datum: NAD83

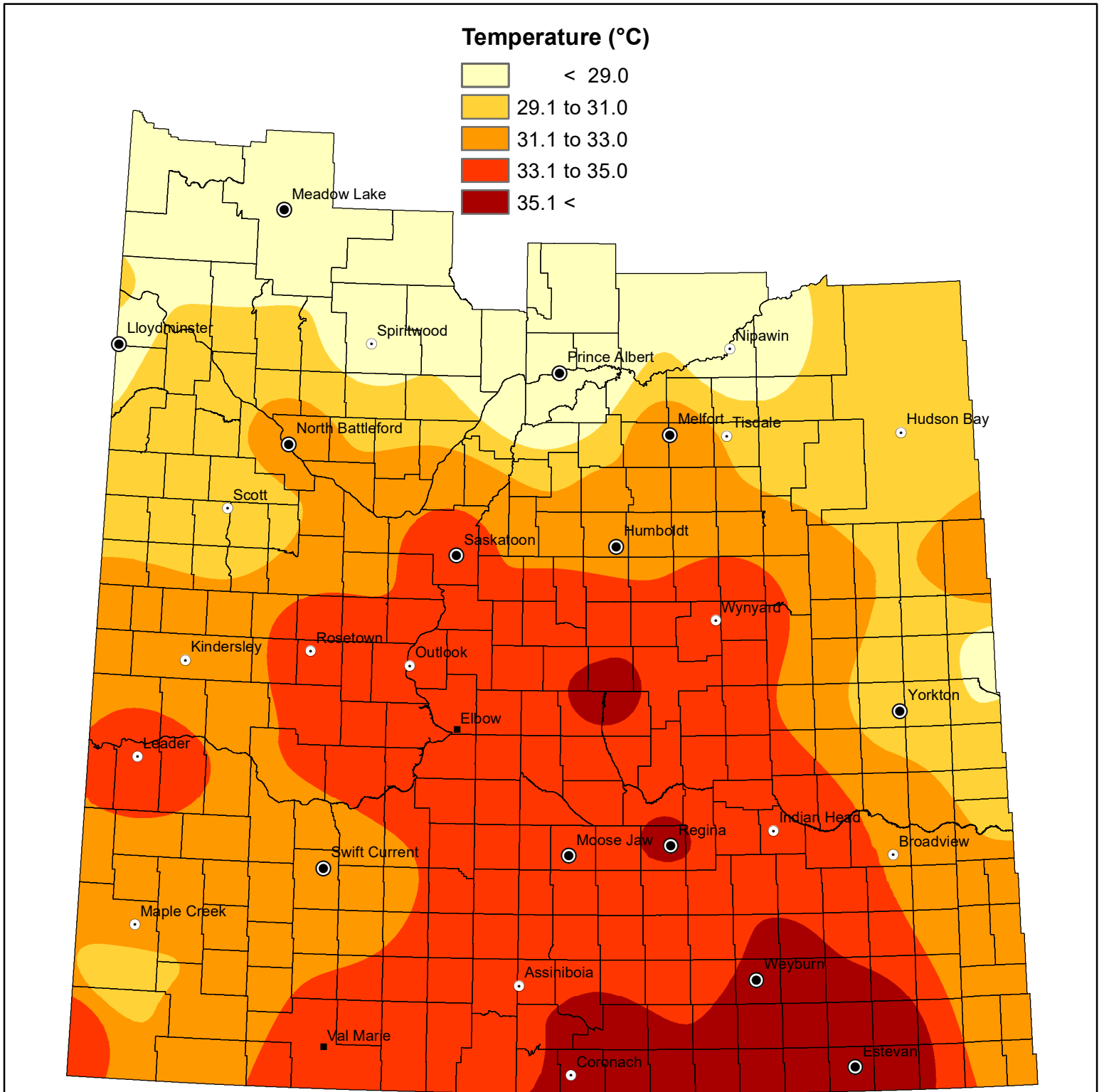


Data Sources:
 Temperature data - Saskatchewan Ministry of Environment (Wildfire Management Branch) and Environment Canada.
 Temperature data compiled and quality controlled by Agriculture and Agri-Food Canada
 IDW interpolation (power 3.5, fixed radius 300 km)
 Geomatics Services, Ministry of Agriculture

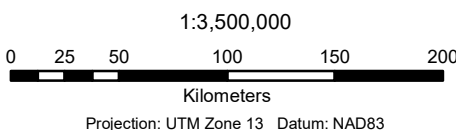
August 2, 2023

Maximum Temperature

from July 25 to July 31, 2023



NOTE: Since techniques used to smooth the transition between zones can affect the values in localized areas, this map should be used for regional analysis only.



Data Sources:
 Temperature data - Saskatchewan Ministry of Environment (Wildfire Management Branch) and Environment Canada.
 Temperature data compiled and quality controlled by Agriculture and Agri-Food Canada
 IDW interpolation (power 3.5, fixed radius 300 km)
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August 2, 2023