

Crop Report

For the Period July 18 to July 24, 2023

Published by the Ministry of Agriculture
ISSN 0701 7085
Report number 12, July 27, 2023

Crop yield potential has decreased in many parts of the province due to the dry heat, and producers are hoping for more rain before harvest to finish up seed filling. Harvest has begun in the driest areas of the province.

Desiccating of pulses has begun in the southwest and west central regions and combining of these fields will commence quickly. Cereal crops that cannot be harvested due to dry conditions and grasshopper damage are being salvaged for livestock feed to support neighbouring livestock producers.

There were several storms throughout the province this past week. Some resulted in rainfall amounts up to 37 to 40 mm which will give crops some reprieve from the heat stress and encourage seed fill. Many of the driest areas of the province received trace amounts of rain throughout the week. Producers are hoping for substantial moisture following harvest as some areas in the province have now gone more than 30 days without precipitation.

Topsoil moisture continues to decrease and is rated as 15 per cent adequate, 48 per cent short and 37 per cent very short. Hay and pasture land topsoil moisture is rated as eight per cent adequate, 43 per cent short and 49 per cent very short.

Crop conditions have also decreased due to extreme heat, rating from very poor to good. The areas of the province where timely rain has fallen are showing higher crop conditions.

Haying operations are almost complete with five per cent standing, 13 per cent cut and 82 per cent baled or silage. Hay quality is rated as four per cent excellent, 66 per cent good, 29 per cent fair and one per cent poor. Livestock producers who have not received adequate rainfall this season are reporting water and feed concerns.

Strong winds, drought stress, hail, extreme heat, grasshoppers and gophers took their toll on some crops this past week. Many producers stopped applying pest control products. Producers are reminded to be safe during their harvest operations such as taking frequent breaks and to remember to use every precaution available for fire prevention as the extremely dry conditions increase the risk of combine and grass fires.

One year ago

Areas that received rain were fairing much better than some of the dryer regions of the province. The western half of the province topsoil moisture was limiting. Producers were busy haying and in-crop spraying.

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Twitter @SKAgriculture

For further information, contact Matt Struthers, AAg,
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Also available on the Ministry of Agriculture website at saskatchewan.ca/crop-report.



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Saskatchewan

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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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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

Extreme heat and drought continue to take their toll on crops in the region, many crops are showing signs of severe stress and reduced yield potential. Crops will be drying down rapidly due to the heat, meaning producers will start harvest in the next week or two and desiccation of lentil and pea crops is already underway across portions of the region. Producers with later seeded crops are hoping for some rain to ensure maximum seed fill. Some areas of the region did receive rain, but for many it will be too little and too late.

The Indian Head and Glenavon areas received the largest amounts of rain with 37 and 34 mm respectfully but overall, most of the region received insignificant amounts ranging from two to six mm. Cropland topsoil moisture is rated as 15 per cent adequate, 51 per cent short and 34 per cent very short. Hay and pasture land topsoil moisture is rated as eight per cent adequate, 34 per cent short and 58 per cent very short.

Haying is almost complete in the region with five per cent of the hay crop still standing and 77 per cent of it baled or put up for silage. Livestock producers will be working quickly to wrap up their haying operations since grain harvesting is right around the corner. In some areas of the region, hay yields are lower than last year but their quality is still high, with 81 per cent being rated as good and 19 per cent as fair. Those who are experiencing lower yields will be looking for other sources of feed.

Crop conditions vary within the region, with a majority in poor-to-good condition. Crops on heavier soil that have been retaining moisture look far better than any crop on lighter sandy soil.

Most of the crop damage this past week was due to drought stress, heat and damage caused by grasshoppers and gophers. Producers are busy finishing up haying, conducting yield assessments and getting their harvest plans sorted out.

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

Another hot, dry week has crops across the region drying down rapidly and some producers have started to harvest while others are applying desiccants. Producers are predicting well below average yields for many of their fields due to limited precipitation all season long. There were light showers in localized areas in the past few weeks, the crops are holding on and producers hope they will have higher yield potentials.

Livestock producers have completed their haying operations with 84 per cent of the hay crop now baled or put into silage with an additional 12 per cent cut and waiting to be baled. Hay quality is rated as 53 per cent good and 47 per cent fair. Hay yields across the region are far lower than the regional and provincial averages.

Producers are looking for alternative feed sources and there are increasing reports of the likeliness to sell portions of cattle herds to lessen the burden on winter feed supplies.

There were small showers throughout the region but this did not impact crops or soil due to the heat. Cropland topsoil moisture is rated as three per cent adequate, 40 per cent short and 57 per cent very short. Hay and pasture land topsoil moisture is rated as two per cent adequate, 39 per cent short and 59 per cent very short.

The majority of crops in the southwest region are in very poor-to-fair condition with little being rated as good. The region did not receive rain at crucial times during the growing season, leaving crops thin and stunted. Some producers in the region have begun to harvest pulse crops and will be harvesting cereal crops in the coming weeks. Failed crops will likely be sought by livestock producers looking for feed options.

Most of the crop damage this past week was due to drought stress, strong winds, heat and grasshoppers. Producers are busy finishing up haying, conducting yield assessments, harvesting or getting equipment and bins ready for harvest.

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

Parts of the region had a very dry July and crops have declined from heat and drought stress. Producers are hoping for showers soon to help maintain their current yield potential. In areas where precipitation has been more regular, crops are holding on but signs of stress from the extreme weather of the past few weeks are starting to show.

Rainfall was a welcomed sight in the region, helping cereals fill their head and canola and pulse crops fill their pods as harvest nears. Some crops received the rain too late, which will likely result in disappointing yields. Cropland topsoil moisture is rated as 18 per cent adequate, 47 per cent short and 35 per cent very short. Hay and pasture land topsoil moisture is rated as 12 per cent adequate, 44 per cent short and 44 per cent very short.

Livestock producers across the region have 83 per cent of the hay crop baled or put into silage with another seven per cent cut and waiting to be baled or put into silage. Hay quality is currently rated as 13 per cent excellent, 57 per cent good, 26 per cent fair and four per cent poor.

The majority of the crop in the region is rated as being in poor to good condition, the poorer rated crops are in the western half of the region where rain has been less frequent.

Most of the crop damage this past week was due to heat and drought stress, wind and grasshoppers. Producers are beginning to prep their equipment for harvest and will be desiccating in the coming week.

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

Small, isolated showers dotted the region this week, but it was little benefit to the crop due to it being far too late in the season. Crops in the region held on through the heat and drought of the growing season, but it has now dried down. Some producers have started harvesting lentils and cereals, such as wheat and barley, are not far behind. Yields will be below average for the region and many producers indicate they will be cutting extremely poor fields for livestock feed. For those producers who received small, localized rains over the growing season, yield potential appears to be closer to the regional long-term average.

The dry weather has allowed haying progress to advance in the region with 92 per cent of the hay crop now baled or put into silage and the remaining seven per cent cut and waiting to be baled or put into silage. Hay quality is rated as 68 per cent good and 32 per cent fair. Hay yield is much lower than average for the region and many producers are worried about winter feed supplies, indicating they will be seeking alternative feed sources to avoid reducing herd sizes.

Cropland topsoil moisture is rated as 16 per cent adequate, 45 per cent short and 39 per cent very short. Hay and pasture land topsoil moisture is rated as six per cent adequate, 35 per cent short and 59 per cent very short.

The majority of crops in the west-central region are in very poor-to-good condition. Some producers are preparing for harvest and have desiccated pulse crops such as lentils and field peas.

Most of the crop damage this past week was due to drought, wind, heat and grasshoppers. Some crops in the region have been completely written off by the combination of drought and grasshopper damage.

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 vary greatly across the region, some look great due to timely rains while others are in poor condition. More moisture is needed to fill pods and heads and producers are hoping for a some more rainshowers in the coming weeks. The heat has caused crops in the drier parts of the region to begin to rapidly dry down creating an earlier than normal harvest for some producers.

The hot dry week helped haying operations and livestock producers currently have 81 per cent of the hay baled or put into silage. An additional 12 per cent is cut and ready for baling. Hay quality is currently rated as 14 per cent excellent, 71 per cent good and 15 per cent fair. Cattle producers have indicated that without significant rain there will likely not be a second cut of hay.

Cropland topsoil moisture is rated as 25 per cent adequate, 67 per cent short and nine per cent very short. Hay and pasture land is rated as 16 per cent adequate, 69 per cent short, 15 per cent very short.

The majority of crops are in poor-to-good condition. Crops in the areas of the region that received rain look good, but as hot days continue and moisture becomes sparse, crops have experience yield reducing stress such as heat blasting of flower petals.

Most of the crop damage this past week was from heat, insects and the wind. Producers have not started harvesting but have begun to prep equipment to be ready for when their crop dries down in the coming weeks.

Northwestern Saskatchewan:

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

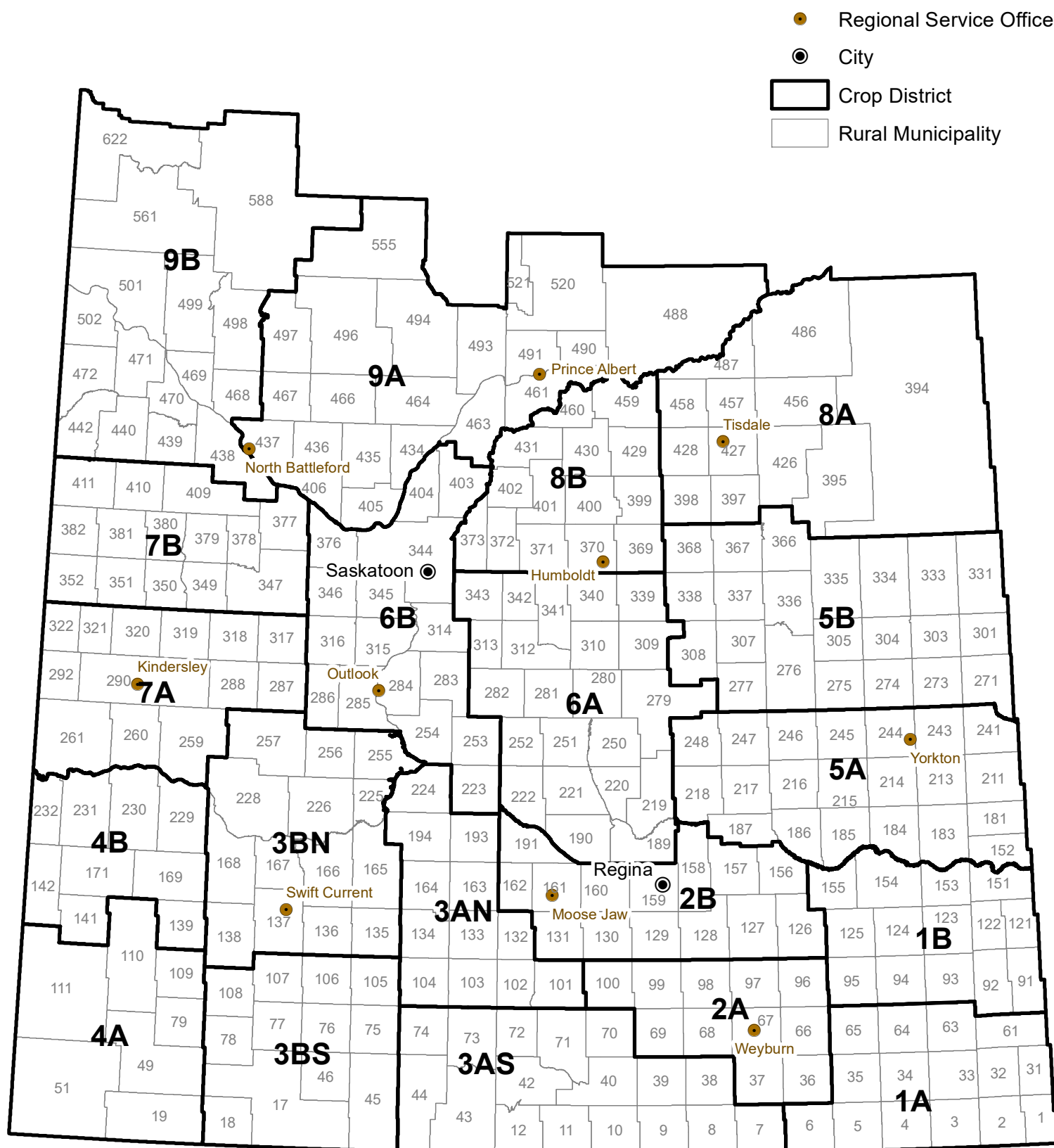
Crops that received rain are managing to hold on, but crops that did not receive much needed rain are rapidly drying down. Some producers are noticing that pods and heads are not filling and without rain soon, the crops in the dry areas of the region will experience drops in their yield potential. Some report that if the heat continues, they will need a inch of rain a week to get their crop to harvest.

Haying has been progressing well in the region and livestock producers currently have 81 per cent of the hay baled or put into silage. An additional 12 per cent is cut and ready for baling. Hay quality is currently rated as 67 per cent good and 33 per cent fair. Livestock producers are hoping for a large precipitation event in order to make a second cut of hay in September.

Cropland topsoil moisture is rated as 32 per cent adequate, 53 per cent short and 16 per cent very short. Hay and pasture land is rated as 15 per cent adequate, 55 per cent short and 30 per cent very short.

Most of the crop damage this past week was due to heat stress, grasshoppers and drought. Producers are beginning to apply desiccants and get their harvest equipment ready.

Crop Districts and Rural Municipalities in Saskatchewan



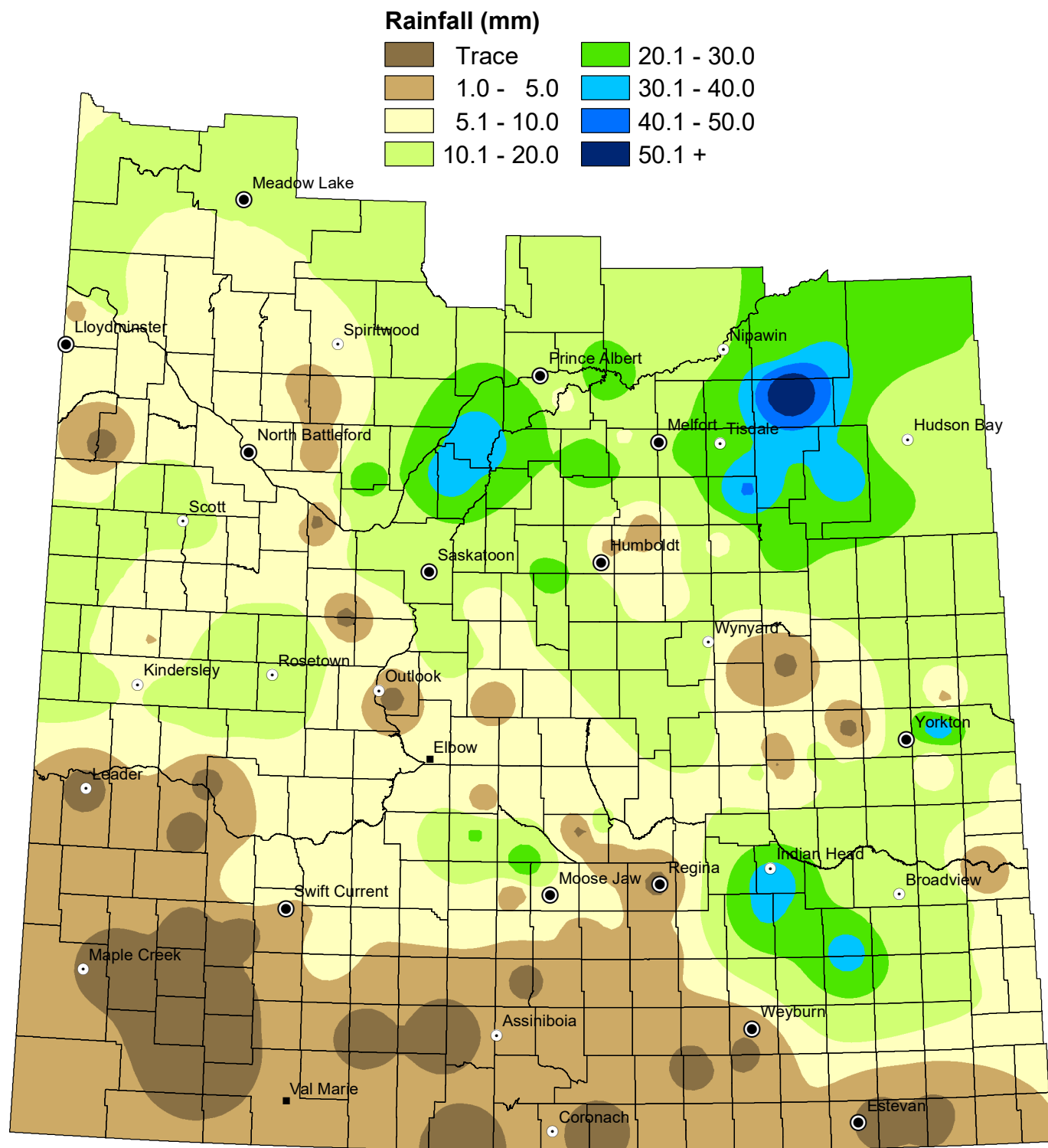
Crop Conditions - July 24, 2023

Provincial							
	Winter wheat	Fall rye	Spring wheat	Durum	Oat	Barley	Canaryseed
% excellent	1	0	2	1	3	2	6
% good	36	23	33	15	36	24	23
% fair	51	41	41	34	43	46	38
% poor	12	21	17	28	14	21	25
% very poor	0	14	7	23	4	7	8
	Flax	Canola	Mustard	Soybean	Pea	Lentil	Chickpea
% excellent	1	3	0	0	8	3	1
% good	22	32	13	80	24	26	25
% fair	47	42	29	18	44	39	48
% poor	17	16	32	2	17	23	9
% very poor	12	7	26	0	8	9	16
Southeast							
	Winter wheat	Fall rye	Spring wheat	Durum	Oat	Barley	Canaryseed
% excellent	2	1	1	2	1	1	0
% good	57	53	50	37	44	38	58
% fair	33	44	40	33	42	47	32
% poor	8	3	8	26	14	14	10
% very poor	0	0	1	3	0	2	0
	Flax	Canola	Mustard	Soybean	Pea	Lentil	Chickpea
% excellent	0	5	0	0	29	8	9
% good	31	41	68	85	29	50	33
% fair	46	42	19	14	19	31	28
% poor	23	11	13	1	12	11	30
% very poor	0	2	0	0	1	1	0
Southwest							
	Winter wheat	Fall rye	Spring wheat	Durum	Oat	Barley	Canaryseed
% excellent	0	0	1	0	6	3	0
% good	0	0	11	6	11	7	4
% fair	85	34	36	34	34	35	20
% poor	12	27	30	28	29	38	59
% very poor	3	39	23	32	20	18	17
	Flax	Canola	Mustard	Soybean	Pea	Lentil	Chickpea
% excellent	0	2	0	N/A	2	3	0
% good	6	10	6	N/A	11	20	24
% fair	37	38	26	N/A	40	35	55
% poor	23	23	35	N/A	28	28	4
% very poor	33	27	32	N/A	19	14	17
East-central							
	Winter wheat	Fall rye	Spring wheat	Durum	Oat	Barley	Canaryseed
% excellent	0	0	1	0	3	3	0
% good	31	41	32	16	42	24	23
% fair	60	50	41	35	38	45	63
% poor	9	9	22	41	13	25	15
% very poor	0	0	5	8	4	3	0

East-central (continued)							
	Flax	Canola	Mustard	Soybean	Pea	Lentil	Chickpea
% excellent	4	3	0	0	5	1	0
% good	23	36	24	22	30	20	40
% fair	67	38	69	65	54	61	20
% poor	7	20	7	13	10	19	40
% very poor	0	3	0	0	2	0	0
West-central							
	Winter wheat	Fall rye	Spring wheat	Durum	Oat	Barley	Canaryseed
% excellent	0	0	2	1	1	1	22
% good	0	1	26	22	26	21	20
% fair	52	46	38	36	31	41	36
% poor	48	53	22	27	20	18	10
% very poor	0	0	13	15	21	19	12
	Flax	Canola	Mustard	Soybean	Pea	Lentil	Chickpea
% excellent	2	3	3	0	3	3	0
% good	33	21	20	0	27	27	7
% fair	38	40	27	88	43	39	21
% poor	15	22	32	4	18	23	0
% very poor	11	15	18	8	10	8	72
Northeast							
	Winter wheat	Fall rye	Spring wheat	Durum	Oat	Barley	Canaryseed
% excellent	0	0	1	N/A	1	1	0
% good	0	0	44	N/A	42	34	31
% fair	100	53	50	N/A	54	59	61
% poor	0	0	6	N/A	3	7	8
% very poor	0	47	0	N/A	0	0	0
	Flax	Canola	Mustard	Soybean	Pea	Lentil	Chickpea
% excellent	0	1	N/A	N/A	2	0	N/A
% good	23	40	N/A	N/A	36	0	N/A
% fair	64	50	N/A	N/A	55	57	N/A
% poor	13	9	N/A	N/A	7	43	N/A
% very poor	0	0	N/A	N/A	0	0	N/A
Northwest							
	Winter wheat	Fall rye	Spring wheat	Durum	Oat	Barley	Canaryseed
% excellent	0	0	7	N/A	9	7	N/A
% good	25	0	33	N/A	35	17	N/A
% fair	38	0	51	N/A	51	51	N/A
% poor	37	100	9	N/A	10	25	N/A
% very poor	0	0	0	N/A	0	0	N/A
	Flax	Canola	Mustard	Soybean	Pea	Lentil	Chickpea
% excellent	0	5	N/A	N/A	3	0	N/A
% good	50	38	N/A	N/A	23	39	N/A
% fair	50	48	N/A	N/A	64	49	N/A
% poor	0	8	N/A	N/A	10	6	N/A
% very poor	0	2	N/A	N/A	0	6	N/A

Weekly Rainfall

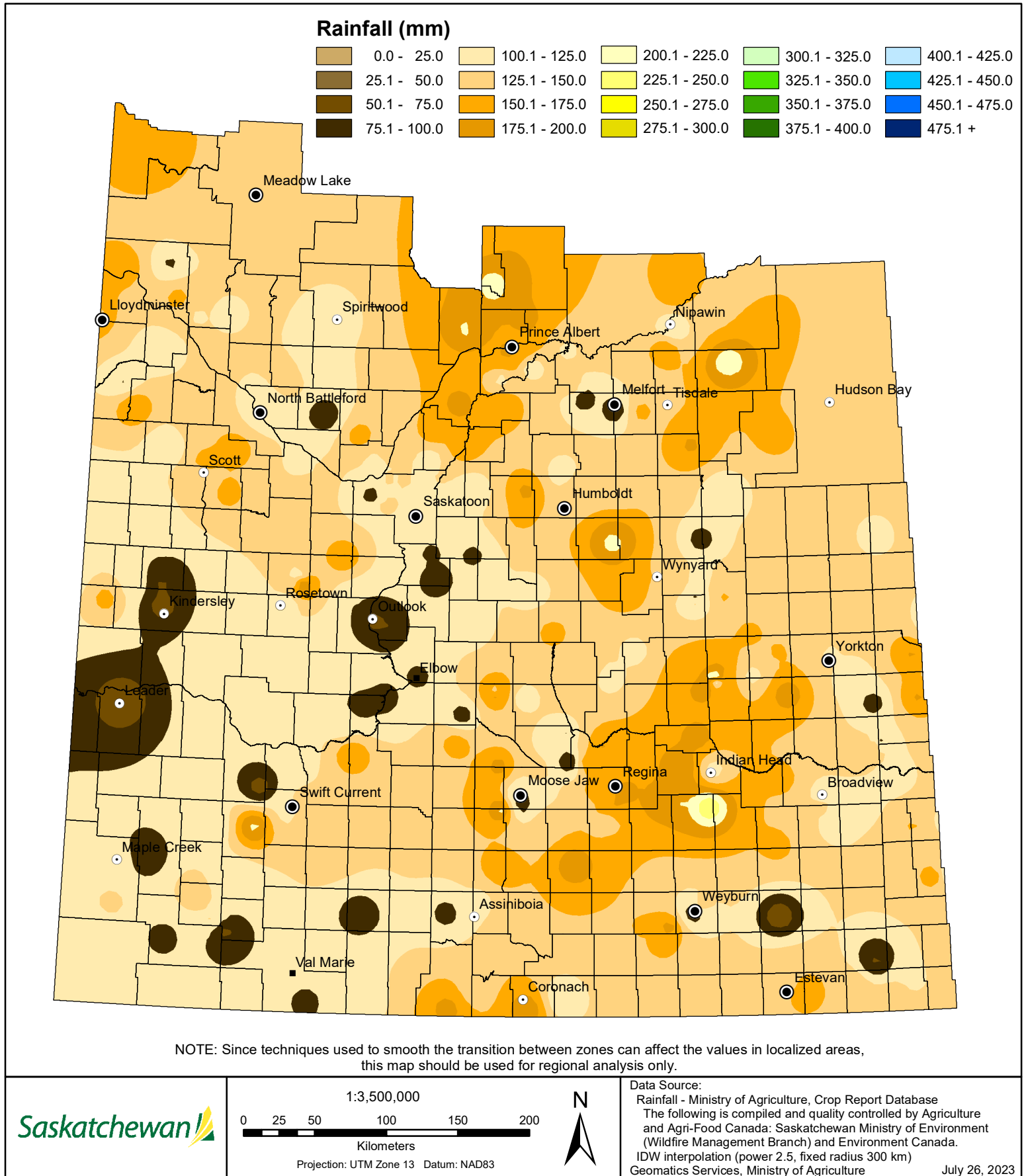
from July 18 to July 24, 2023



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 24, 2023



Weekly Rainfall Summary

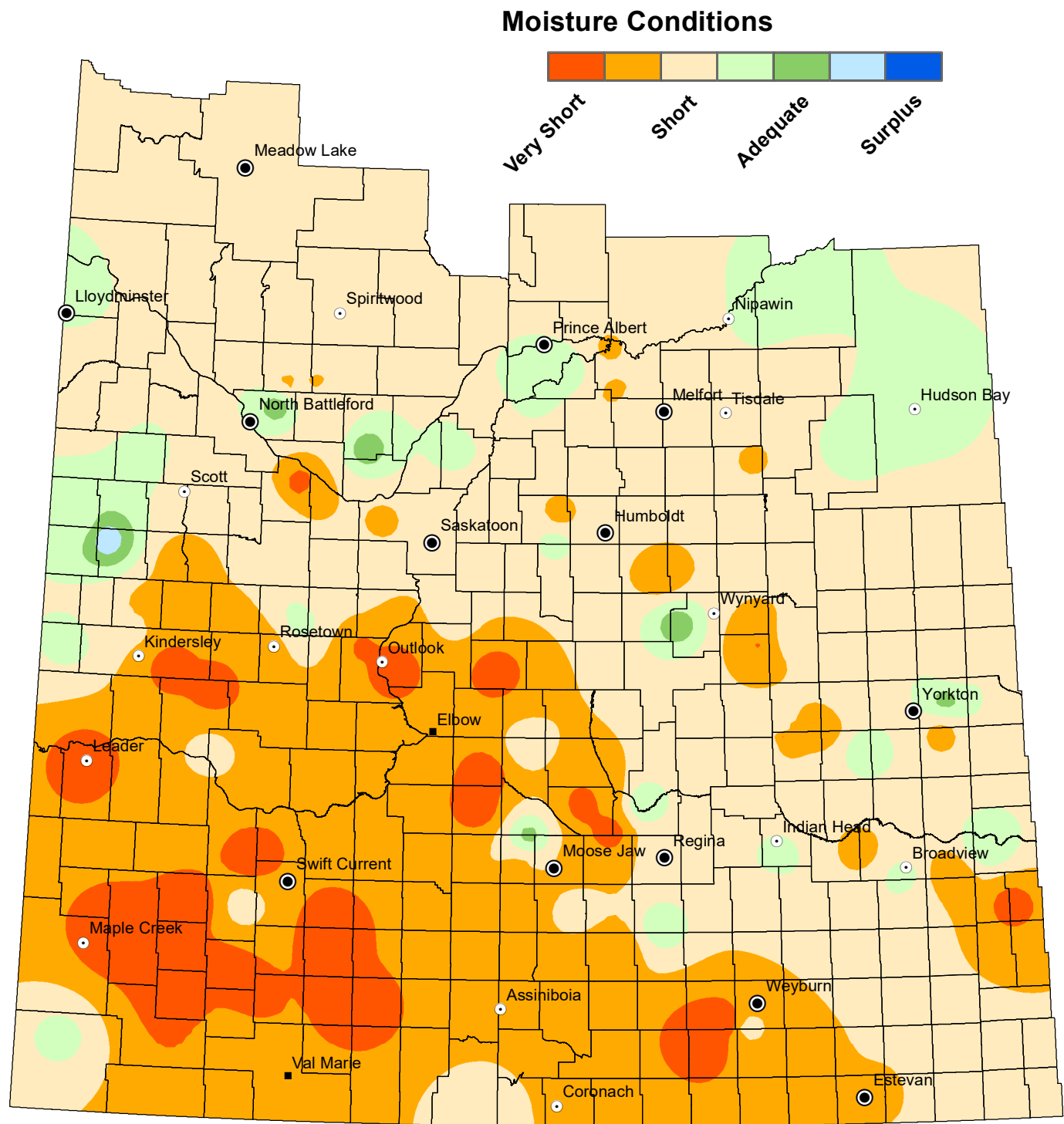
(in millimeters)

for the period from July 18 to July 24, 2023

Crop Dist.	R.M. No.	Name	Past Week	boop	Since 1-Apr	Crop Dist.	R.M. No.	Name	Past Week	boop	Since 1-Apr	Crop Dist.	R.M. No.	Name	Past Week	boop	Since 1-Apr
1A	2	Mount Pleasant	2	143	141	4A	51	Reno	2	107	105	7A	259	Snipe Lake	12	104	92
	3	Enniskillen	N/A	150	150		79 A	Arlington	N/A	126	126		287	St. Andrews	17	80	63
	4	Coalfields	N/A	161	161		79 B	Arlington	N/A	149	149		288	Pleasant Valley	18	118	100
	6	Cambria	N/A	N/A	N/A		109	Carmichael	N/A	N/A	N/A		290	Kindersley	11	71	60
	32	Reciprocity	N/A	147	147		110	Piapot	N/A	83	83		292	Milton	19	157	138
	34	Browning	N/A	N/A	N/A	4B	139	Gull Lake	N/A	102	102		292 B	Milton	N/A	74	74
	61	Antler	N/A	N/A	N/A		229	Miry Creek	N/A	101.4	101.4		317 A	Marriott	15	197	182
	64	Brock	N/A	N/A	N/A		231	Happyland	N/A	64	64		317 B	Marriott	12	115	103
	65	Tecumseh	N/A	52	52	5A	181	Langenburg	N/A	94	94		319	Winslow	N/A	15	15
1B	95	Golden West	5	6	1		183 A	Fertile Belt	16	144	128		320 A	Oakdale	4	95	91
	122	Martin	5	151	146		185	McLeod	N/A	40	40		320 B	Oakdale	10	38	28
	123	Silverwood	17	113	96		211	Churchbridge	9	177	168		321	Prairiedale	9	114	105
	124	Kingsley	17	111	94		213	Saltcoats	6	109	103	7B	347	Biggar	6	134	128
	125 A	Chester	N/A	N/A	N/A		215	Stanley	12	189	177		350	Mariposa	6	72	66
	125 B	Chester	34	158	124		216 A	Tullymet	N/A	148	148		351	Progress	10	83	73
	151	Rocanville	1	112	111		216 B	Tullymet	N/A	59	59		377	Glenside	7	111	104
	154 A	Elcapo	15	132	117		217	Lipton	12	191	179		378	Rosemount	10	125	115
	154 B	Elcapo	N/A	N/A	N/A		241	Calder	14	177	163		382	Eye Hill	15	100	85
	155	Wolseley	18	157	139		243	Wallace	37	100	63		409 A	Buffalo	9	171	162
2A	67	Weyburn	N/A	143	143		245 A	Garry	N/A	151	151		409 B	Buffalo	14	165	151
	68	Brokenshell	2	106	104		245 B	Garry	12	114	102		410	Round Valley	13	56	43
	96	Fillmore	N/A	N/A	N/A		246 A	Ituna Bon Accord	3	240	237	8A	394	Hudson Bay	13	145	132
	97	Wellington	N/A	N/A	N/A		246 B	Ituna Bon Accord	N/A	122	122		395	Porcupine	33	143	110
	100	Elmsthorpe	4	179	175		247	Kellross	N/A	201	201		397 A	Barrier Valley	41	177.4	136.4
2B	127 A	Francis	32	249	217		248	Touchwood	14	115	101		397 B	Barrier Valley	N/A	56	56
	127 B	Francis	N/A	N/A	N/A	5B	273	Sliding Hills	4	108	104		427	Tisdale	N/A	N/A	N/A
	129	Bratt's Lake	3	175	172		275	Insinger	N/A	134	134		428	Star City	21	154	133
	131	Balldon	4	146	142		276	Foam Lake	N/A	152.5	152.5		456	Arborfield	59	208	149
	156 A	Indian Head	N/A	N/A	N/A		277	Emerald	5	143	138		457 A	Connaught	N/A	N/A	N/A
	156 B	Indian Head	37	174	137		277 B	Emerald	N/A	69	69		457 B	Connaught	N/A	85	85
	159 A	Sherwood	N/A	178	178		301	St.Philips	N/A	90.2	90.2		486	Moose Range	21	132	111

Cropland Topsoil Moisture Conditions

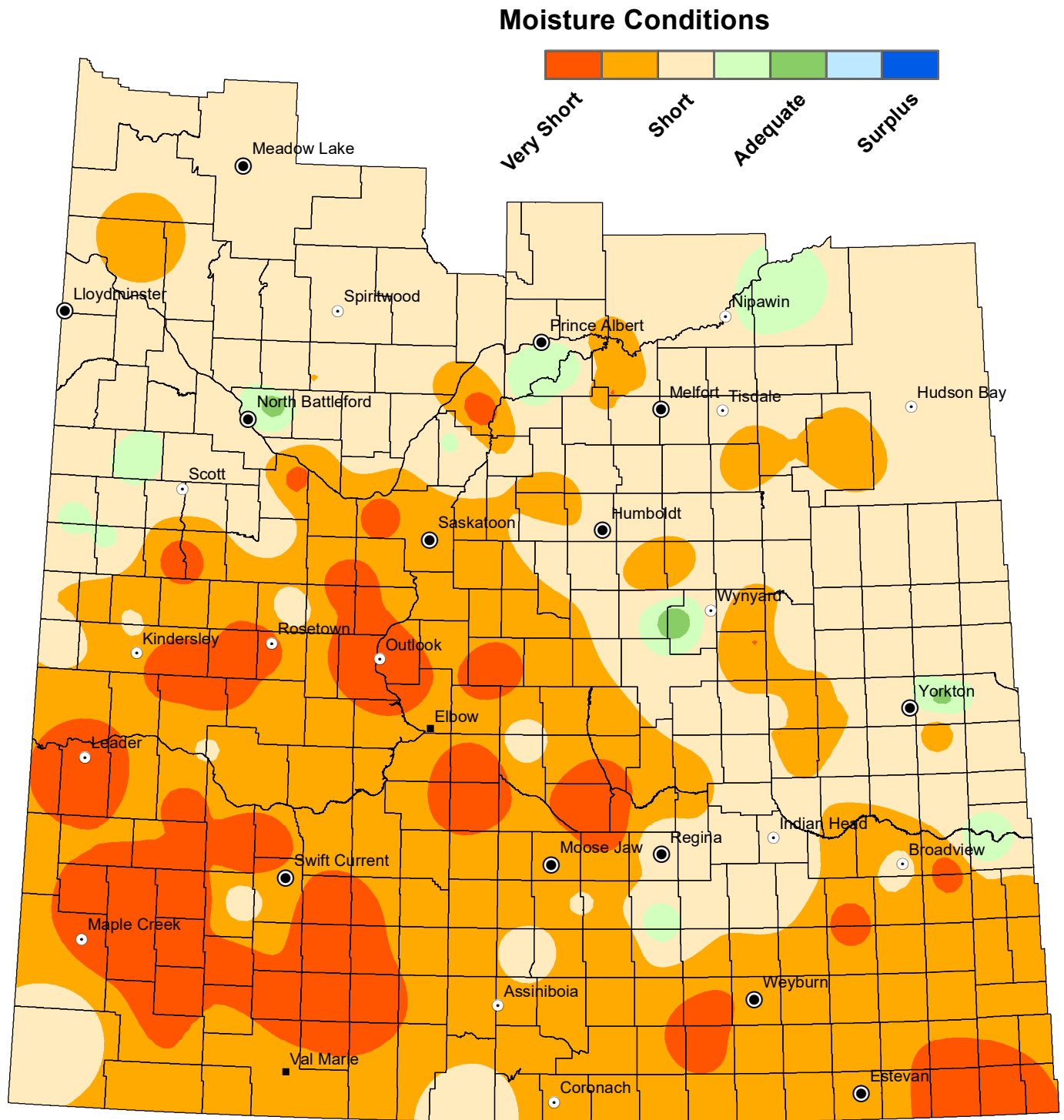
July 24, 2023



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Hay and Pasture Topsoil Moisture Conditions

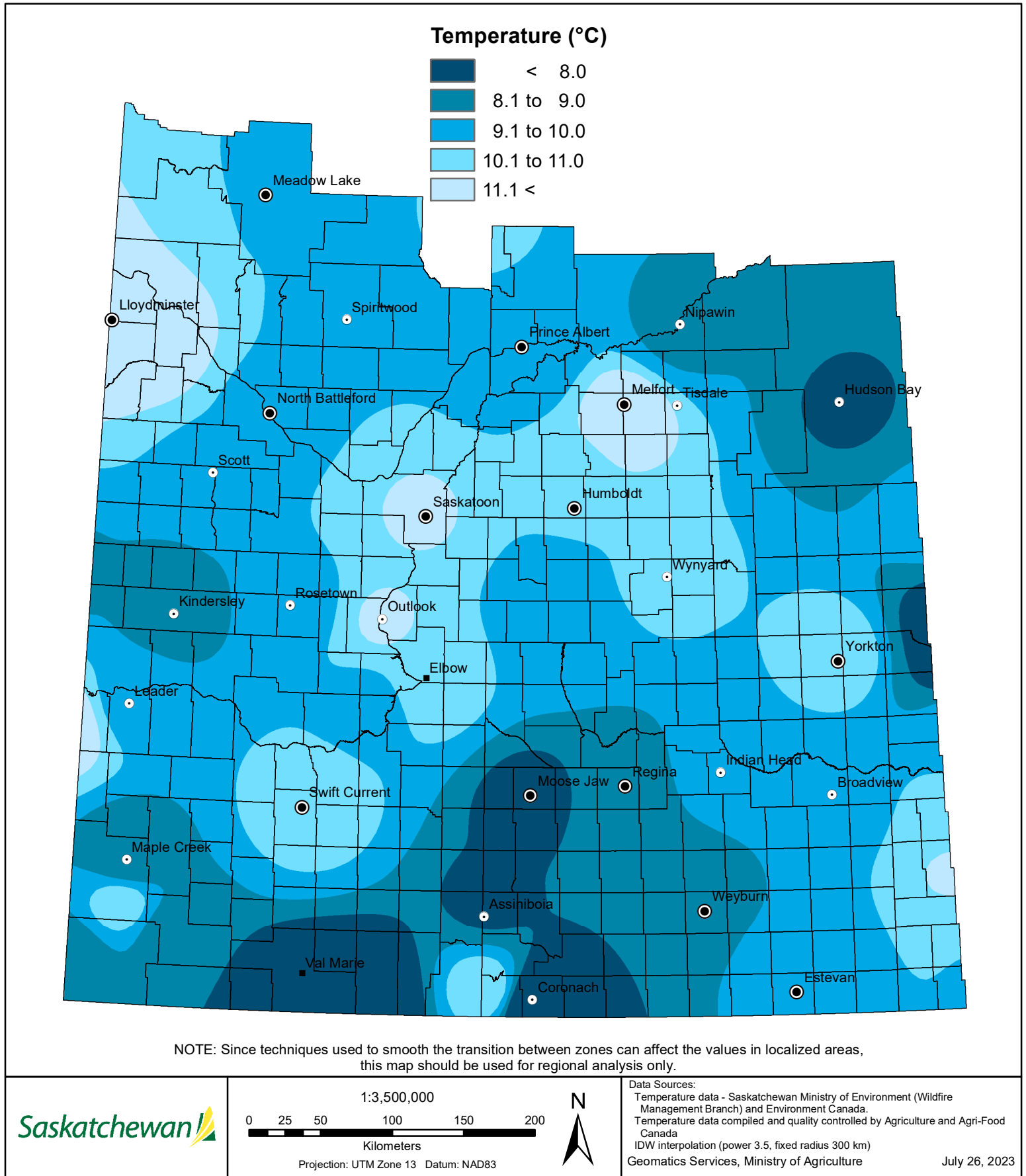
July 24, 2023



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Minimum Temperature

from July 18 to July 24, 2023



Maximum Temperature

from July 18 to July 24, 2023

