

# Crop Report

For the Period July 11 to July 17, 2023

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Report number 11, July 20, 2023

Another warm week has helped crops maintain the rapid rate of development seen throughout the year. The warm weather has also helped many producers progress through their haying operations and 71 per cent of the province's first cut of hay has been baled or silaged. Provincially, producers are estimating hay yield at 1.08 tons/acre. This is comparable with the five-year average of 1.06 tons/acre and just behind the 10-year average of 1.17 tons/acre.

Pockets of moisture moved through the province this past week. The most rain received this week was reported near Old Wives, with 33 mm being reported. Trace amounts of moisture were reported across much of the province, while some areas received no rain. The warm weather caused another decrease in topsoil moisture this week. Cropland topsoil moisture is 15 per cent adequate, 57 per cent short and 28 per cent very short. Hay and pastureland topsoil moisture is 12 per cent adequate, 50 per cent short and 38 per cent very short. The drought conditions in the southwest and west-central regions were not abated by the trace amounts of moisture or localized thundershowers.

Sixty-one per cent of fall cereals are at normal stages of development for this time of year, while 35 per cent are ahead. Fifty-five per cent of spring cereals are at normal stages of development, while 37 per cent are ahead of normal stages of development. Oilseeds are 58 per cent at normal stages while 33 per cent are ahead of normal stages. Pulses have advanced slightly this week and are now 35 per cent ahead of normal stages of development for this time of year, while 61 per cent are at normal stages of development.

Haying has progressed quickly this week, with only 13 per cent of the first cut of hay still standing, 16 per cent is cut and 71 per cent is baled or silaged. Hay quality ranges from fair to excellent, with the majority of hay rated as good quality.

## One year ago

The lack of rain in the west central part of the province was starting to become apparent in standing crops. Warm July weather began to limit soil moisture, while grasshoppers began to take affect on the crop. Hay yields for the first cutting were well underway and majority of quality was good.

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Provincial			
	Per cent ahead	Per cent normal	Per cent behind
Fall Cereals	35	61	4
Spring Cereals	37	55	8
Oilseeds	33	58	9
Pulse Crops	35	61	4

For further information, contact Mackenzie Hladun, MSc, AAg,  
Crops Extension Specialist, Regional Services Branch,  
Toll Free: 1-866-457-2377 or 306-694-3592, Email: [cropreport@gov.sk.ca](mailto:cropreport@gov.sk.ca).  
Also available on the Ministry of Agriculture website at [saskatchewan.ca/crop-report](http://saskatchewan.ca/crop-report).



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INSURANCE CORPORATION

**Saskatchewan**

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Producers are estimating hay yields are comparable with the five-year average and are also estimating silage yield at 3.13 tons/acre. Few producers are expecting a second cut of hay this year and some are expressing concerns of feed shortages this winter. If producers are concerned about water quality for their livestock, they are encouraged to bring water samples into their [regional office](#) for testing.

Crop damage this past week is mostly due to dry conditions and grasshoppers and there are also a few reports of disease. Producers are encouraged to look at their economic thresholds while scouting for grasshoppers.

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.

Follow the 2023 Crop Report on Twitter at @SKAgriculture.

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*Saskatchewan* The logo for the province of Saskatchewan, featuring the word "Saskatchewan" in a green serif font, followed by a stylized yellow and green flag.

## Crop Development Tables - July 17, 2023

Provincial			
	% Ahead	% Normal	% Behind
Fall Cereals	35	61	4
Spring Cereals	37	55	8
Oilseeds	33	58	9
Pulse Crops	35	61	4

Southeast			
	% Ahead	% Normal	% Behind
Fall Cereals	22	70	8
Spring Cereals	17	66	17
Oilseeds	17	64	19
Pulse Crops	26	61	13

East-Central			
	% Ahead	% Normal	% Behind
Fall Cereals	21	63	16
Spring Cereals	30	61	9
Oilseeds	31	58	11
Pulse Crops	21	79	1

Northeast			
	% Ahead	% Normal	% Behind
Fall Cereals	94	6	0
Spring Cereals	57	40	3
Oilseeds	44	53	3
Pulse Crops	52	46	2

### Estimated Provincial Hay Yields (tons/acre) - July 17, 2023

Provincial		
	Dry land	Irrigated Land
Alfalfa	1.1	2.5
Brome/Alfalfa	1.1	2.6
Other Tame Hay	1.0	1.7
Wild Hay	0.87	1.5
Greenfeed	1.36	1.3

Southeast		
	Dry land	Irrigated Land
Alfalfa	1.3	N/A
Brome/Alfalfa	1.2	N/A
Other Tame Hay	1.2	N/A
Wild Hay	1.1	N/A
Greenfeed	1.8	N/A

Southwest		
	Dry land	Irrigated Land
Alfalfa	0.6	3.2
Brome/Alfalfa	0.8	3.1
Other Tame Hay	0.7	N/A
Wild Hay	1	1.7
Greenfeed	1.4	N/A

East-central		
	Dry land	Irrigated Land
Alfalfa	1.1	N/A
Brome/Alfalfa	1.4	N/A
Other Tame Hay	1.2	N/A
Wild Hay	0.8	N/A
Greenfeed	1.3	N/A

West-central		
	Dry land	Irrigated Land
Alfalfa	0.7	1.5
Brome/Alfalfa	0.7	1.9
Other Tame Hay	0.6	1.7
Wild Hay	0.5	1.2
Greenfeed	0.5	1.3

Northeast		
	Dry land	Irrigated Land
Alfalfa	1.9	N/A
Brome/Alfalfa	1.6	N/A
Other Tame Hay	1.7	N/A
Wild Hay	0.5	N/A

Greenfeed	1.0	N/A
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Northwest		
	Dry land	Irrigated Land
Alfalfa	1.3	N/A
Brome/Alfalfa	1.1	N/A
Other Tame Hay	0.8	N/A
Wild Hay	0.8	N/A
Greenfeed	1.6	N/A

### **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

Crops and haying are progressing quickly in the southeast. Pockets of rain moved through the southeast this week, with the highest in the region, 28 mm being reported in the Pense area. The warm weather seen throughout the region this week led to a decrease in soil moisture. Cropland topsoil moisture is 19 per cent adequate, 57 per cent short and 24 per cent very short. Hay and pasture land topsoil moisture is 12 per cent adequate, 42 per cent short and 46 per cent very short.

<b>Southeast</b>			
	Per cent ahead	Per cent normal	Per cent behind
Fall Cereals	22	70	8
Spring Cereals	17	66	17
Oilseeds	17	64	19
Pulse Crops	26	61	13

Crops are continuing to develop at mostly normal rates for this time of year. Pulse crops are the most ahead in development for this time of year, with 22 per cent of the crop ahead of normal. Oilseeds are the furthest behind in development, with 19 per cent of the crops behind normal stages of development for this time of year.

Haying is nearing completion, with 69 per cent of the first cut of hay baled or silaged in the southeast, 14 per cent is still standing and 17 per cent is cut. The hay is of good quality and producers are not anticipating a second cut of hay for the year. Depending on the type of hay, yields are estimated to be between 1.8 (greenfeed) and 1.1 (wild) tons per acre. Silage yields overall are estimated to be 5.3 tons/acre.

Crop damage this week is due to dry conditions and grasshoppers in the area. Producers are busy finishing haying, scouting their fields and preparing 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

Crops are progressing quickly in the area because of the recent warm and dry conditions. Scattered rain events were seen in the Southwest this past week. The most recorded was 33 mm in the Old Wives area, while other areas received trace amounts or no rain at all. Topsoil moisture remains relatively unchanged this week. Cropland topsoil moisture is six per cent adequate, 49 per cent short and 45 per cent very short. Hay and pasture land is reportedly very similar; four per cent has adequate moisture, 48 per cent is short and 48 per cent is very short.

<b>Southwest</b>			
	Per cent ahead	Per cent normal	Per cent behind
Fall Cereals	50	50	0
Spring Cereals	46	50	4
Oilseeds	47	51	2
Pulse Crops	44	54	2

Crops are developing quickly in the southwest. Crops are now either ahead or at normal stages of development. Fall cereals are the most advanced and are equally split between being ahead of, or at normal stages of development. Spring cereals are the furthest behind in development, with four per cent of the crop behind normal stages of development.

The first cut of hay is almost complete, with 78 per cent of the first cut either baled or silaged. Only 10 per cent of the crop is still standing, while the remaining 12 per cent is cut. Overall, hay in the region is being reported as good to fair quality. Producers in the region are not anticipating a second cut this year. Depending on the type of hay, dryland hay yields are estimated to range between 0.6 (alfalfa) and 1.4 (greenfeed) tons per acre. Irrigated brome/alfalfa hay yield estimates are being reported at 3.2 tons per acre, while irrigated alfalfa has a slightly lower yield at 3.1 tons per acre. Silage yields are estimated to be 2.0 tons per acre.

Crop damage this past week is due to drought conditions and grasshoppers. Producers are expressing thoughts about using grain crops for feed this year, as well as concerns about feed shortages. Producers are busy finishing haying, scouting for grasshoppers and preparing 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

Warm temperatures ensured producers had an uninterrupted week of haying and crop development. Soil moisture reserves from this past spring have run out in the east-central region and producers are hoping for rain in the area soon.

<b>East-Central</b>			
	Per cent ahead	Per cent normal	Per cent behind
Fall Cereals	21	63	16
Spring Cereals	30	61	9
Oilseeds	31	58	11
Pulse Crops	21	79	1

Little precipitation was received in the region this past week. Semans reported the most rain, with 10 mm. Soil moisture diminished in the east-central region this week and cropland topsoil moisture is now 15 per cent adequate, 57 per cent short and 29 per cent very short. Thirteen per cent of hay and pasture land has adequate topsoil moisture, 52 per cent is short and 33 per cent is very short.

Crops are generally at normal stages of development for this time of year. Spring cereals are the most ahead of normal stages of development, at 11 per cent. Fall cereals are the most behind normal stages of development, with 16 per cent behind.

Producers are making swift progress with haying in the region. Sixty-eight per cent of the first cut has been baled or silaged, while 19 per cent is cut and only 13 per cent is still standing. The hay is of excellent to fair quality, with the majority being good quality. Producers are not anticipating a second cut. Hay yield estimates range between 0.8 (wild) to 1.4 (brome/alfalfa) tons per acre and sileage yields are estimated at 3.9 tons per acre.

Crop damage this week is due to dry conditions and grasshoppers. Producers are busy finishing haying and scouting their fields.

### **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

The west-central region has progressed through haying rapidly and are the most advanced in haying progress. With the region experiencing drought, many producers are hoping for rain to replenish soil moisture reserves.

Very little rain was received in the west-central region this week and therefore there was little relief for crops in this moisture-stressed area. The greatest amount of rain recorded this week was in Unity, with 18 mm being reported. Topsoil moisture remains relatively unchanged this week. Sixteen per cent of cropland has adequate moisture, 55 per cent is short and 28 per cent is very short. Eight per cent of hay and pasture land has adequate moisture, 43 per cent is short and 49 per cent is very short.

West-Central			
	Per cent ahead	Per cent normal	Per cent behind
Fall Cereals	19	81	0
Spring Cereals	30	61	9
Oilseeds	32	60	8
Pulse Crops	30	66	4

The majority of crops in the region are at normal stages of development for this time of year. Oilseeds are the most ahead of normal stages of development. Spring cereals are the most behind, with nine per cent of the crop behind normal stages of development for this time of year.

Producers are the most advanced in haying in the west-central region compared to the rest of the province. Only six per cent of the first cut of hay is still standing, 13 per cent is cut and 81 per cent has been baled or silaged. The hay is of good quality. Producers are not anticipating a second cut and are expressing concerns about winter feed supplies. Estimated dryland hay yields in the region range from 0.5 (wild and greenfeed) to 0.7 (alfalfa and alfalfa/brome) tons per acre. Estimated irrigated hay yields are greater and range from 1.3 (greenfeed) to 1.9 (brome/alfalfa) tons per acre. Overall silage crops in the region are estimated to yield 2.0 tons per acre.

Crop damage this week is due to drought conditions and grasshopper damage. Many producers are busy scouting for grasshoppers, while also preparing for harvest.

### **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 progressing quickly in the northeast with the warm and dry weather. Producers are hoping for rain soon to help maintain soil moisture reserves.

Little precipitation was received in the region this week. The Arborfield area received the most at five mm. Other areas in the region reported only trace amounts or none at all. Soil moisture saw a slight decrease this past week. Seventeen per cent of cropland has adequate topsoil moisture, 74 per cent is short and nine per cent is very short.



Hay and pasture land is similar, where 10 per cent has adequate topsoil moisture, 72 per cent is short and 18 per cent is very short.

Crops are progressing quickly in the northeast region. Fall cereals are now 94 per cent ahead of normal stages of development for this week. Oilseeds are the least advanced in stages of development, with 53 per cent being at normal stages.

Northeast			
	Per cent ahead	Per cent normal	Per cent behind
Fall Cereals	94	6	0
Spring Cereals	57	40	3
Oilseeds	44	53	3
Pulse Crops	52	46	2

Producers are progressing through haying.

Only 10 per cent of the first cut of hay is still standing, while 12 per cent is cut and 78 per cent has been baled or silaged. The hay from the first cut is reported as being good quality. Some producers in the region are hoping to achieve a second cut. Hay yield estimates range from 0.5 (wild) to 1.9 (alfalfa) tons per acre. Silage yield for the region is estimated at 2.0 tons per acre.

Crop damage this week is mainly due to dry conditions. Producers are busy finishing haying and are preparing for harvest.

#### **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 hoping for more rain to move through the region to help as the crops develop. Areas that did receive rain this week are grateful for the moisture.

Scattered showers moved through the region this week. The Glaslyn area reported the most rain in the region, with 26 mm being received. A large decrease in soil moisture accompanied the heat this past week. For cropland, 31 per cent has adequate soil moisture, 57 per cent is short and 13 per cent is very short. Twenty-seven percent of hay and pasture land acres have adequate topsoil moisture, 56 per cent are short and 18 per cent are very short.

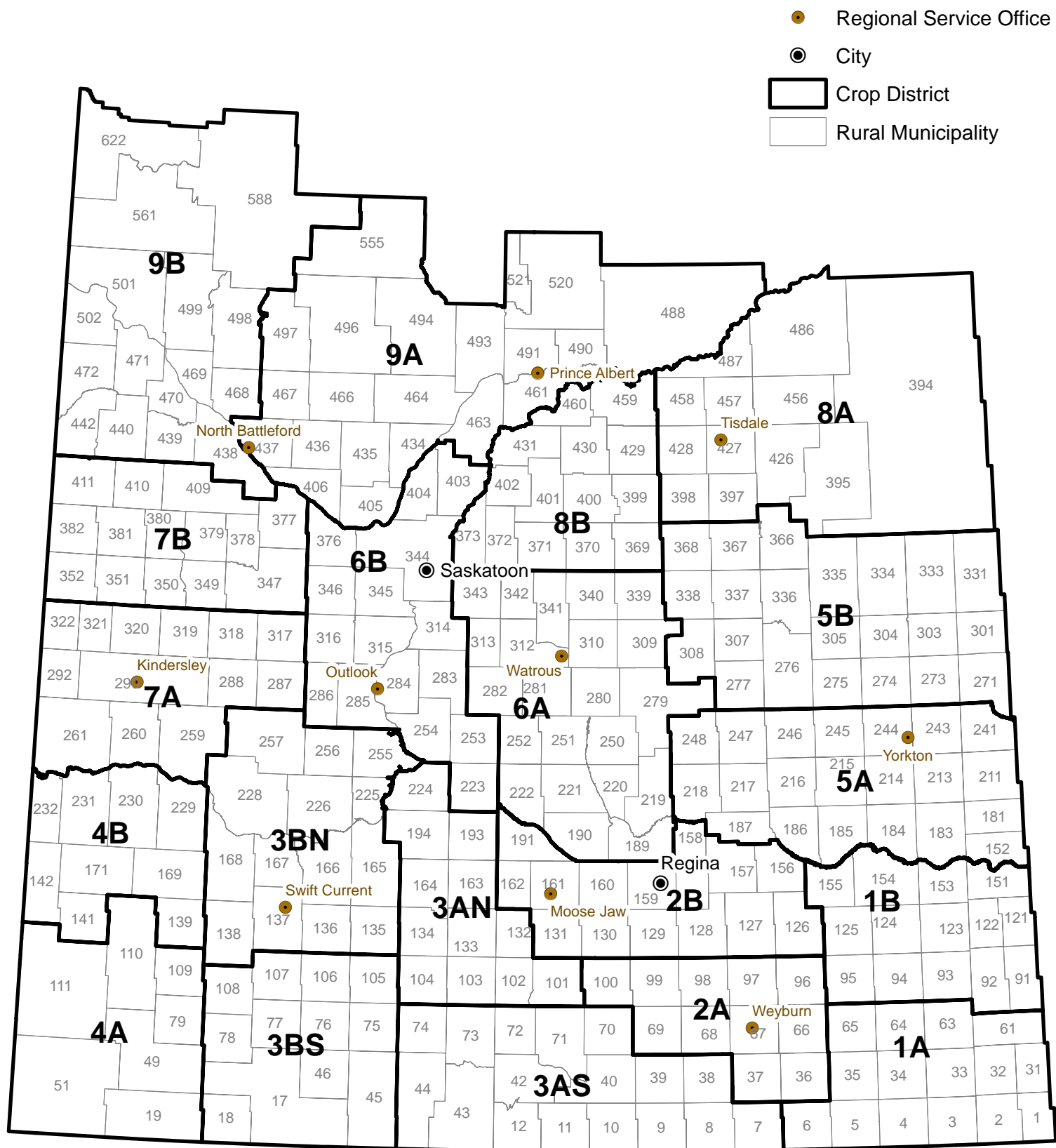
Northwest			
	Per cent ahead	Per cent normal	Per cent behind
Fall Cereals	3	97	0
Spring Cereals	41	57	2
Oilseeds	35	62	3
Pulse Crops	37	63	0

Crops in the northwest are mainly in normal stages of development for this time of year. Spring cereals are the most advanced, with 41 per cent of the crop ahead of normal for this time of year. Oilseeds are the most behind, with three per cent behind normal for this time of year.

Producers in the northwest are making progress with haying. Twenty-seven per cent of the first cut of hay is still standing, 20 per cent is cut and 53 per cent has been baled or silaged. The hay is rated as being good quality. Producers are not anticipating a second cut this year. Hay yield estimates range from 0.8 (other tame hay or wild) to 1.6 (greenfeed) tons per acre. Silage yield estimates for the region are 4.0 tons per acre.

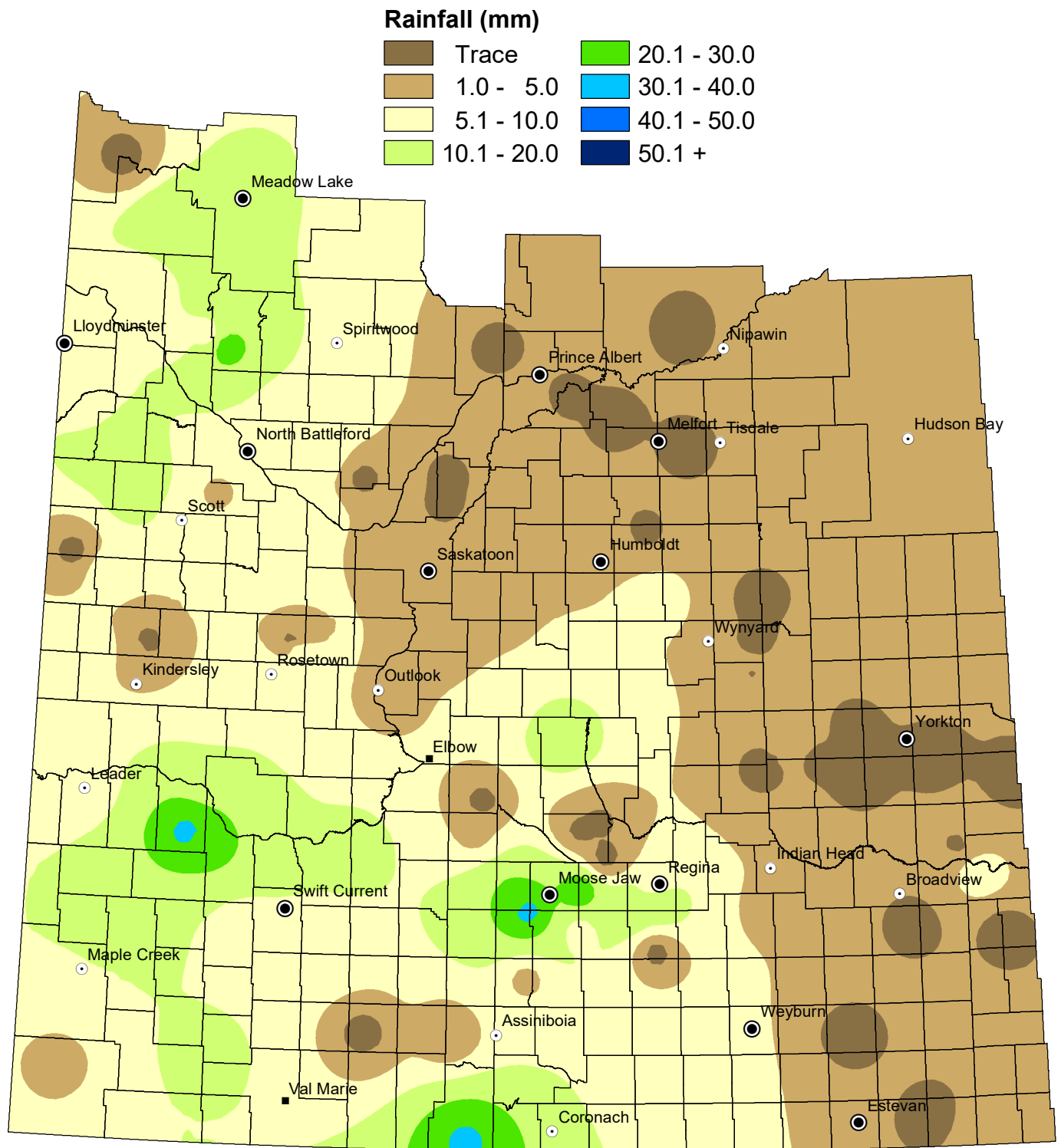
Crop damage this week is due to lack of moisture. Producers are busy haying and preparing for harvest.

# Crop Districts and Rural Municipalities in Saskatchewan



# Weekly Rainfall

from July 11 to July 17, 2023

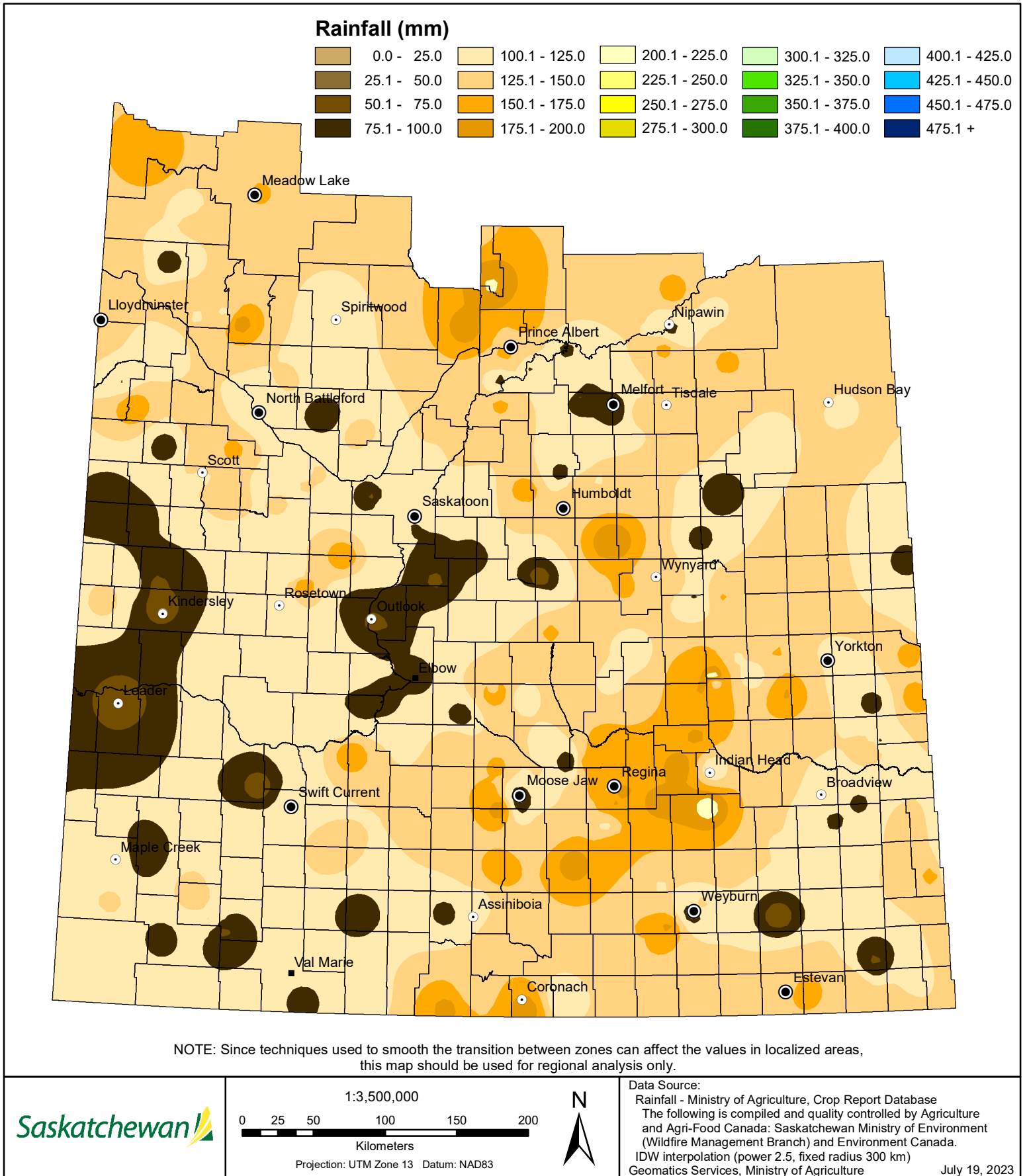


NOTE: Since techniques used to smooth the transition between zones can affect the values in localized areas, this map should be used for regional analysis only.

Weekly Rainfall Summary					(in millimeters)					for the period from July 11 to July 17, 2023						
Crop Dist.	R.M. No.	Name	Past Week	Since 1-Apr	Crop Dist.	R.M. No.	Name	Past Week	Since 1-Apr	Crop Dist.	R.M. No.	Name	Past Week	Since 1-Apr		
1A	2	Mount Pleasant	3	141	4A	51	Reno	4	105	7A	259	Snipe Lake	5	92		
	3	Enniskillen	N/A	150		79 A	Arlington	10	126		287	St. Andrews	8	63		
	4	Coalfields	N/A	161		79 B	Arlington	N/A	149		288	Pleasant Valley	N/A	100		
	6	Cambria	N/A	N/A		109	Carmichael	N/A	N/A		290	Kindersley	N/A	60		
	32	Reciprocity	N/A	147		110	Plapot	10	83		292	Milton	6	138		
	34	Browning	N/A	N/A	4B	139	Gull Lake	10	102		292 B	310	Milton	N/A	74	
	61	Antler	N/A	N/A		229	Miry Creek	32	101.4			317 A	Marriott	8	182	
	64	Brock	N/A	N/A		231	Happyland	7	64			317 B	Marriott	N/A	103	
	65	Tecumseh	N/A	52		5A	181	Langenburg	3			94	319	Winslow	N/A	15
	95	Golden West	N/A	1			183 A	Fertile Belt	N/A			128	320 A	Oakdale	N/A	91
122	Martin	N/A	146	185	McLeod		N/A	40	320 B	Oakdale		2	28			
123	Silverwood	N/A	96	211	Churchbridge		N/A	168	321	Prairiedale		8	105			
124	Kingsley	N/A	94	213	Saltcoats		N/A	103	7B	347		Biggar	9	128		
125 A	Chester	N/A	N/A	215	Stanley	N/A	177	350		Mariposa		5	66			
125 B	Chester	N/A	124	216 A	Tullymet	N/A	148	351		Progress		7	73			
151	Rocanville	8	111	216 B	Tullymet	N/A	59	377		Glenside	6	104				
154 A	Elcapo	N/A	117	217	Lipton	N/A	179	378		Rosemount	10	115				
154 B	Elcapo	N/A	N/A	241	Calder	N/A	163	382		Eye Hill	N/A	85				
155	Wolseley	N/A	139	243	Wallace	N/A	63	409 A		Buffalo	4	162				
2A	67	Weyburn	N/A	143	245 A	Garry	N/A	151		409 B	Buffalo	6	151			
	68	Brokenshell	N/A	104	245 B	Garry	N/A	102		410	Round Valley	18	43			
	96	Fillmore	N/A	N/A	246 A	Ituna Bon Accord	1	237		8A	394	Hudson Bay	4	132		
97	Wellington	N/A	N/A	246 B	Ituna Bon Accord	4	122	395	Porcupine		N/A	110				
100	Elmsthorpe	N/A	175	247	Kellross	N/A	201	397 A	Barrier Valley		N/A	136.4				
2B	127 A	Francis	4	217	248	Touchwood	N/A	101	397 B		Barrier Valley	2	56			
	127 B	Francis	N/A	N/A	5B	273	Sliding Hills	N/A	104		427	Tisdale	N/A	N/A		
	129	Bratt's Lake	N/A	172		275	Insinger	N/A	134		428	Star City	N/A	133		
131	Baldon	8	142	276		Foam Lake	3	152.5	456		Arborfield	N/A	149			
156 A	Indian Head	N/A	N/A	277		Emerald	N/A	138	457 A		Connaught	N/A	N/A			
156 B	Indian Head	N/A	137	277 B		Emerald	3	69	457 B		Connaught	N/A	85			
159 A	Sherwood	16	178	301		St.Philips	4	90.2	486		Moose Range	5	111			
159 C	Sherwood	5	119	305		Invermay	N/A	N/A	8B	487	Nipawin	N/A	59			
160	Pense	28	28	307		Elfros	N/A	121		369	St. Peter	N/A	124			
161 A	Moose Jaw	18	143	308 A		Big Quill	N/A	155		370 A	Humboldt	5	93			
162 A	Caron	22	166	308 B		Big Quill	N/A	N/A		370 B	Humboldt	N/A	N/A			
162 B	Caron	N/A	159	331	Livingston	1	121	371 A		Bayne	N/A	167				
191	Marquis	N/A	N/A	334	Preeceville	N/A	18	371 B		Bayne	5	130				
3ASE	38 A	Laurier	5	163.7	336	Sasman	N/A	N/A		372	Grant	4	102			
	38 B	Laurier	10	146	337	Lakeview	N/A	77		400	Three Lakes	N/A	92			
3ASW	10	Happy Valley	N/A	96	366	Kelvington	N/A	78		429	Flett's Springs	N/A	73			
	40	Bengough	N/A	N/A	6A	367	Ponass Lake	N/A		142	430	Invergordon	N/A	106		
43	Old Post	31	181	190												

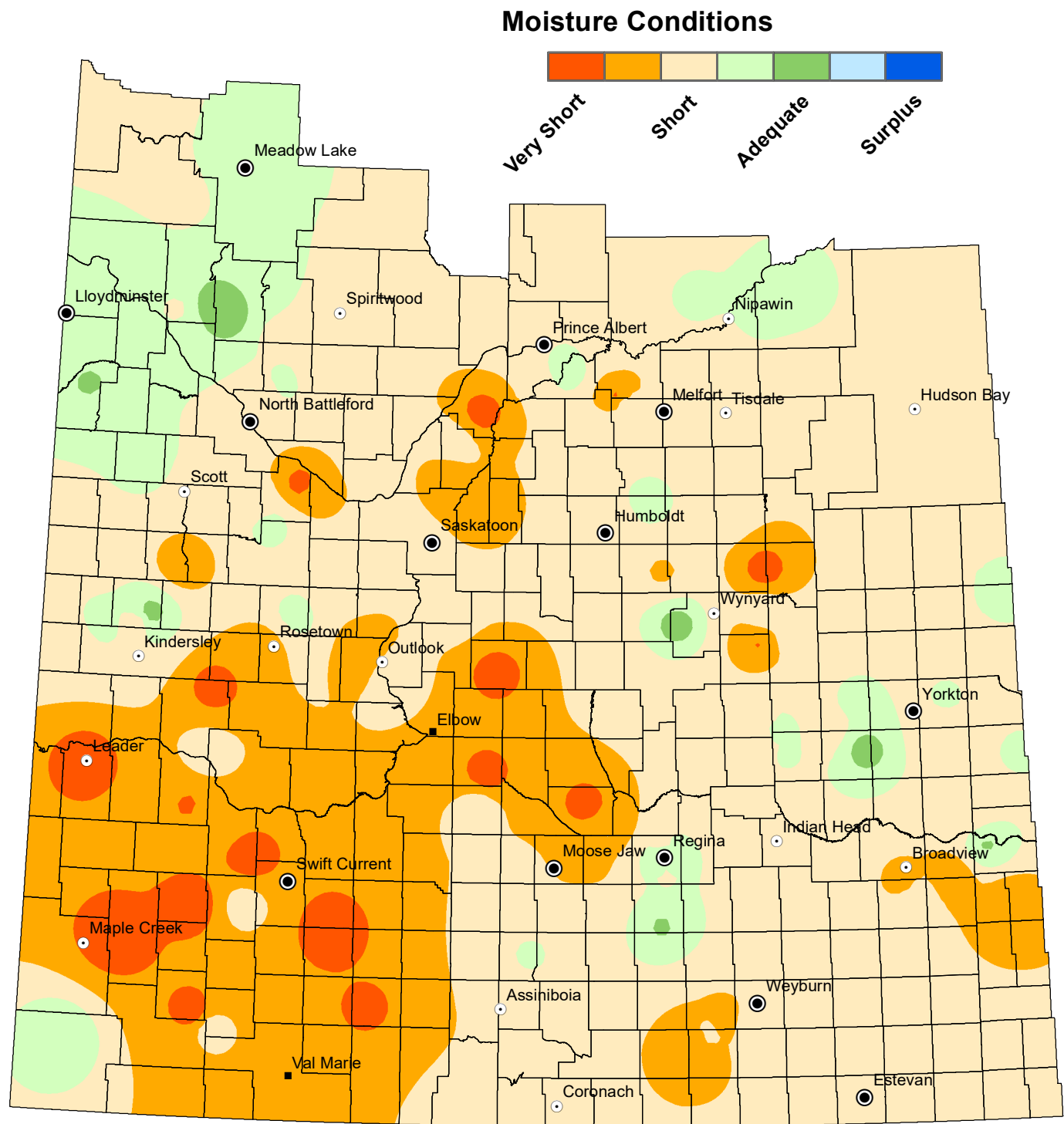
# Cumulative Rainfall

from April 1 to July 17, 2023



# Cropland Topsoil Moisture Conditions

July 17, 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.

**Saskatchewan**

1:3,500,000  
0 25 50 100 150 200  
Kilometers

Projection: UTM Zone 13 Datum: NAD83



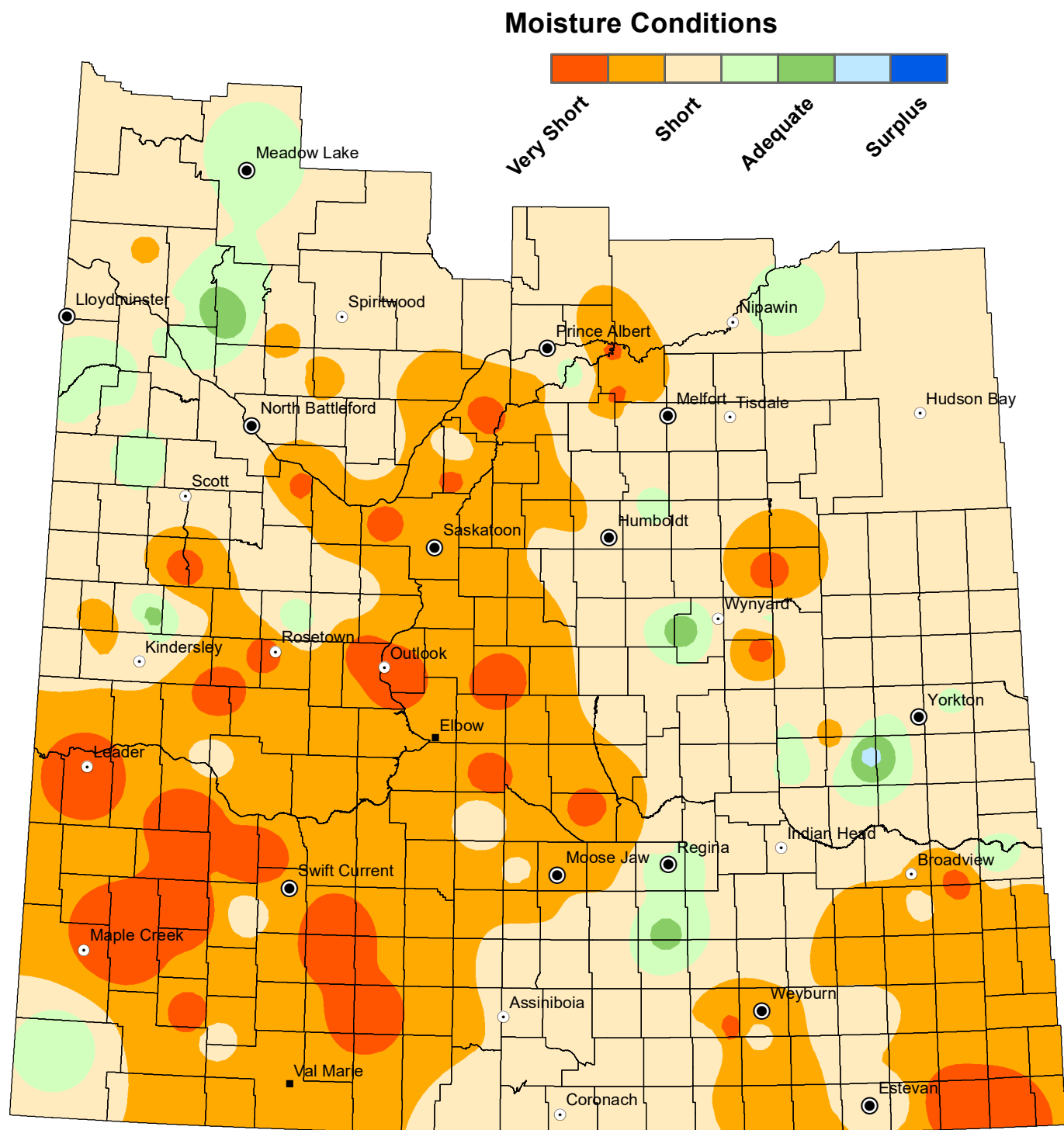
Data Source:  
Moisture - Ministry of Agriculture, Crop Report Database  
IDW interpolation (power 2.5, fixed radius 300 km)

Geomatics Services, Ministry of Agriculture

July 19, 2023

# Hay and Pasture Topsoil Moisture Conditions

## July 17, 2023

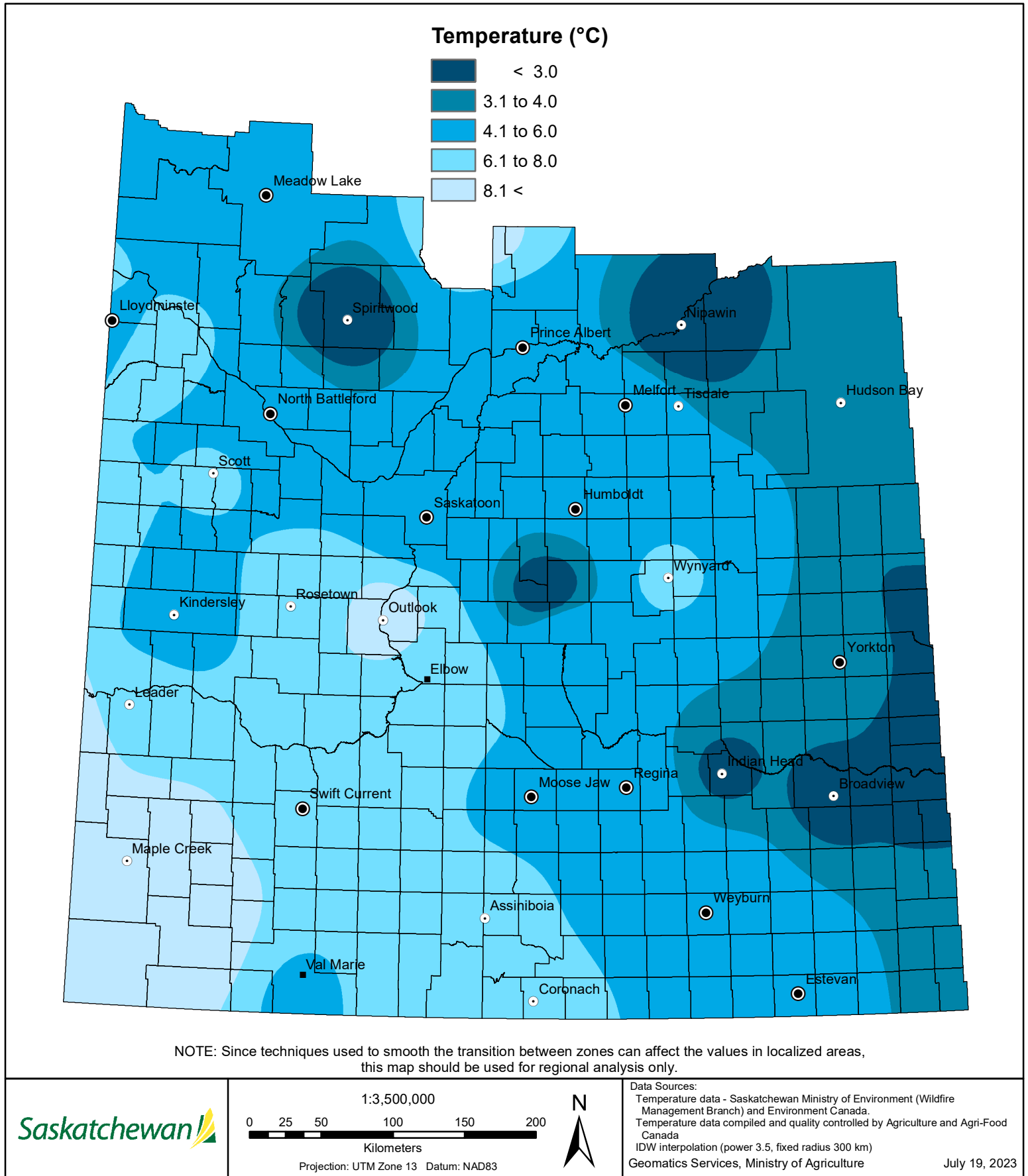


NOTE: Since techniques used to smooth the transition between zones can affect the values in localized areas, this map should be used for regional analysis only.



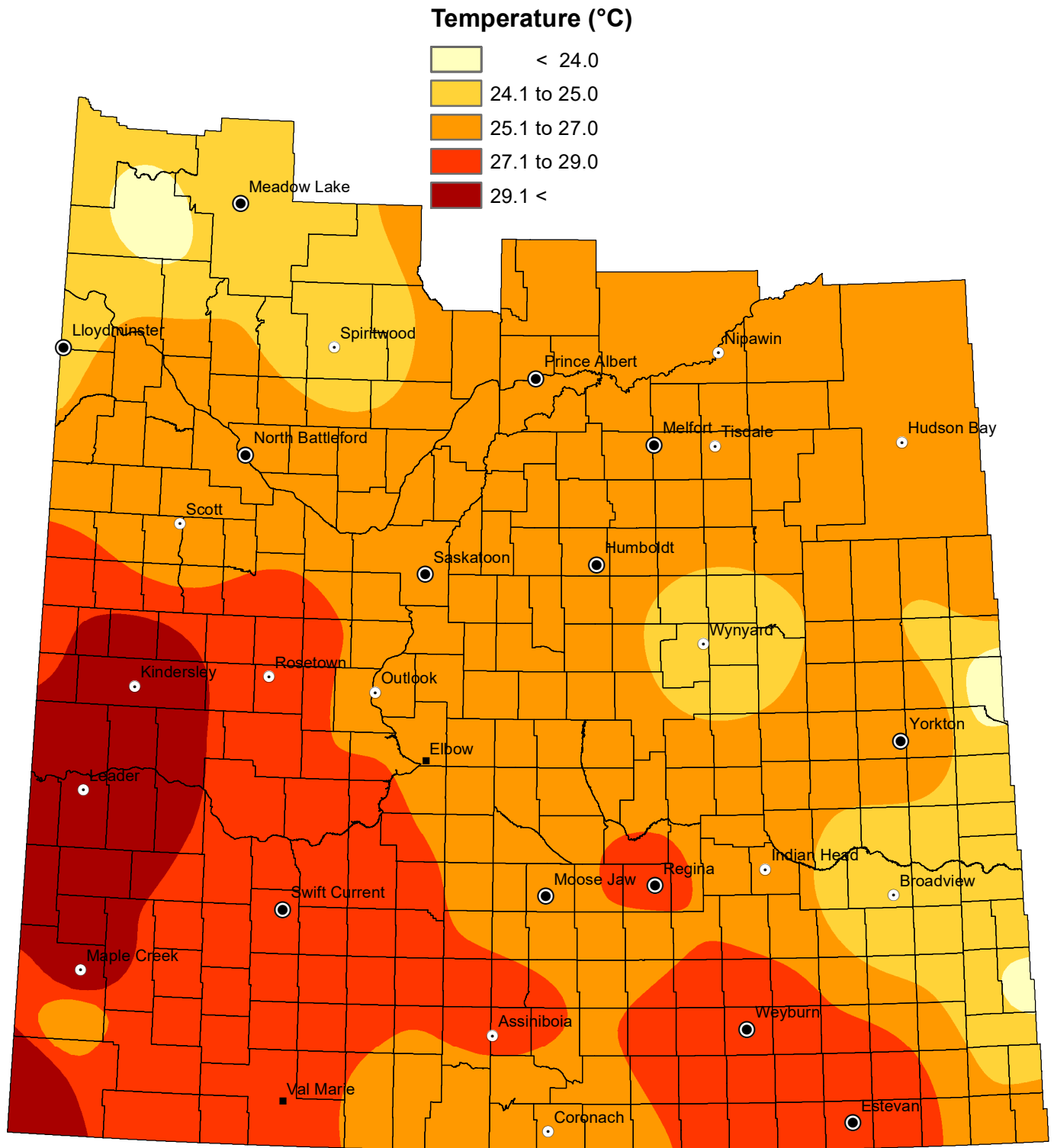
# Minimum Temperature

## from July 11 to July 17, 2023



# Maximum Temperature

from July 11 to July 17, 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.