

# Crop Report

For the Period June 27 to July 3, 2023

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Crops are quickly progressing in the province with the warm temperatures and widespread rain received this past week. The sight of yellow canola and green wheat fields is now prominent on the landscape across Saskatchewan. Producers made substantial haying progress this past week. Although rain was received across the province, many areas need more to keep moisture levels adequate.

Generally, this week, the north received more rain than the south. The Odessa area, however, recorded the most rain received for the week with 42 mm. Prince Albert and Turtleford also received significant amounts of rainfall with 40 and 37 mm, respectively. Although rain was received, warm temperatures meant it didn't stay long and soil moisture began to diminish. Cropland topsoil moisture is rated as one per cent surplus, 42 per cent adequate, 42 per cent short, and 15 per cent very short. Hay and pasture topsoil moisture follows a similar pattern with 36 per cent adequate, 42 per cent short and 21 per cent very short. Topsoil moisture levels in the southwest and west central are the lowest for the province.

Sixty per cent of canola is in the flowering stage. Just over half, 56 per cent, of this year's flax crop is in the stem extension stage. Fall cereals are beginning to fill across the province, with 51 per cent of this year's crop heading out and 36 per cent at a dough stage. Spring cereals are not far behind, with 43 per cent of the crop heading out. Pulses are the most diverse in staging across the province, with 28 per cent in vegetative stages, 29 per cent flowering and 40 per cent beginning to pod.

Haying is well underway in the province. Forty-eight per cent of the hay crop has been cut for the first time this year and 23 per cent has also been baled or silage. The quality of hay from the first cut is good to fair. Many producers are hoping for a good quality second cut for this year. Producers are closely monitoring pasture conditions with 36 per cent rated as good, 32 per cent fair and 20 per cent poor.

Crop damage this week comes from scattered hailstorms, heat stress and wind damage. Plow winds were a concern in the north.

## One year ago

Rain was received across the province, however many producers on the western side of the province felt it was too little too late. Crops were at normal development stages and pastures were in good condition. Producers were seeing grasshopper and gopher populations increase and were beginning to worry.

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Twitter @SKAgriculture

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Also available on the Ministry of Agriculture website at [saskatchewan.ca/crop-report](http://saskatchewan.ca/crop-report).



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SASKATCHEWAN CROP  
INSURANCE CORPORATION

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In addition to environmental damage, grasshoppers, other insects and gophers are the primary concerns for producers. Crop diseases are beginning to appear after wet and humid conditions accompanied the heat.

Producers are busy haying and spraying both insecticides and fungicides this week. They are also scouting their fields and hoping for additional moisture to ensure proper crop development.

When spraying, producers are reminded to always read the label and follow recommended rates. The [2023 Guide to Crop Protection](#) is available to help producers with spraying decisions.

For many producers, this is still a stressful time of year and are reminded to take all safety precautions in all the work they do. The Farm Stress Line is there to help by providing support for producers toll free at 1-800-667-4442.

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## Crop Staging Tables - July 3, 2023

<b>Fall Cereals</b>	<b>Shot blade</b>	<b>Heading</b>	<b>Dough</b>	<b>Ripe</b>
<b>July 3 Prov. Avg.*</b>	<b>8</b>	<b>51</b>	<b>36</b>	<b>1</b>
Southeast	15	66	17	0
Southwest	0	70	25	5
East central	10	72	18	0
West central*	19	19	38	0
Northeast	3	29	69	0
Northwest	0	50	50	0

<b>Spring Cereals</b>	<b>Tillering</b>	<b>Jointed</b>	<b>Shotblade</b>	<b>Heading</b>
<b>July 3 Prov. Avg.*</b>	<b>7</b>	<b>13</b>	<b>36</b>	<b>43</b>
Southeast	18	21	25	0
Southwest*	5	17	44	32
East central	5	14	38	43
West central	3	6	37	54
Northeast	10	9	23	58
Northwest	1	6	28	65

<b>Flax</b>	<b>Seedling</b>	<b>Stem Ext.</b>	<b>Flowering</b>	
<b>July 3 Prov. Avg.*</b>	<b>12</b>	<b>56</b>	<b>26</b>	
Southeast	18	52	2	
Southwest	20	60	16	
East central	24	67	7	
West central	9	69	22	
Northeast	2	68	31	
Northwest	0	20	80	

<b>Canola and Mustard</b>	<b>Seedling</b>	<b>Rosette</b>	<b>Flowering</b>	
<b>July 3 Prov. Avg.*</b>	<b>4</b>	<b>33</b>	<b>60</b>	
Southeast	10	40	47	
Southwest	1	18	71	
East central	4	47	49	
West central	2	28	68	
Northeast	3	25	70	
Northwest	2	22	74	

<b>Pulse Crops</b>	<b>Vegetative</b>	<b>Flowering</b>	<b>Podding</b>	
<b>July 3 Prov. Avg.*</b>	<b>28</b>	<b>29</b>	<b>40</b>	
Southeast	47	5	40	
Southwest	34	28	31	
East central	24	34	42	
West central	23	45	31	
Northeast	19	28	54	
Northwest	23	37	40	

\* Remaining percentages are above or below the listed crop stages

**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

The moisture received early in the spring is helping the crops progress in southeast. Although in slight excess this spring, producers are hoping the moisture will return as rain is needed soon to help pastures and crops remain in good condition.

Isolated showers were seen across the southeast this past week, with 42 mm being received in the Odessa region. Rainfall in other parts of the region varied. Topsoil moisture is beginning to diminish in cropland, hay and pasture land. In Cropland, two per cent of topsoil moisture is rated as surplus, 43 per cent adequate, 44 per cent short, and 11 per cent very short. Hay and pasture topsoil moisture is rated as one per cent is surplus, 35 per cent is adequate, 45 per cent is short and 20 per cent is very short.

Cereal heads and flowering canola are seen throughout the southeast. Fall cereals are mainly headed out at 66 per cent, while 17 per cent are in the dough stage. Spring cereals are not far behind, with 36 per cent in the shot blade stage and 25 per cent headed out. In canola, the majority of the crop is either in the rosette stage at 40 per cent or flowering stage at 47 per cent. Flax is 52 per cent at the stem elongation stage. Pulses are the most diverse in staging, with 47 per cent in vegetative stages and 39 per cent podded.

Almost half of the first cut of hay is complete for the year, with 24 per cent cut and 20 per cent is baled or silaged. The majority of hay is of good quality, ranging from excellent to fair quality. Pastures are rated as 58 per cent in good condition, while 27 per cent are in fair condition.

Crop damage reported in the southeast this week was due to heat stress, wind damage, grasshoppers and other insect pressures. Producers are currently busy haying and scouting crops while deciding whether or not to spray.

**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

Flowering canola is a more common sight than not in the southwest. Producers hope for rain and moisture as crops and pastures are beginning to show signs of heat stress.

Minimal rain was received in the region this past week. The most was recorded in Rockglen, where producers reported receiving 10 mm. Topsoil moisture levels are beginning to diminish in both cropland as well as hay and pasture land. In cropland, 15 per cent of topsoil has adequate moisture, 48 per cent is short and 37 per cent is very short. In hay and pastures, 11 per cent is adequate, 44 per cent is short, and 45 per cent is very short.

Crops are advanced in the southwest. Fall cereals are 70 per cent headed, 25 per cent in the dough stage and five per cent are ripe. Spring cereals are mainly in the shot blade stage at 44 per cent and 32 per cent at the heading out stage. Flax is mainly in the stem extension stage (60 per cent), while 16 per cent is flowering. Seventy per cent of canola is flowering while 10 per cent is beginning to form pods. Pulses are diverse in their staging, with 34 per cent vegetative and 28 per cent podding.

The first cut of hay is over halfway complete in the southwest. Twenty-five per cent is cut, 34 per cent is baled or silaged, the remaining 40 per cent is still standing. Pastures are in poor condition in the southwest at 38 per cent, ranging from being in fair to very poor condition.

Heat and dry conditions, gophers and grasshoppers continue to be the primary causes of crop damage in the southwest. Producers are busy haying their crops and watching the horizons for possible rain to help with crop and pasture conditions.

#### **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 in the east-central region are thankful for the spring rains they received this year which have kept crops and pastures in good condition. The warm temperatures this past week have increased crop growth in the region.

Isolated showers swept across the region and delivered varying amounts of rain, either in trace amounts or up to 29 mm in the Ituna area. Topsoil moisture levels remained adequate despite the warm temperatures. Two per cent of cropland has excess topsoil moisture, 52 per cent is adequate, 41 per cent is short and four per cent is very short. Hay and pasture land topsoil moisture is rated as 47 per cent adequate, 43 per cent short (43 per cent) for and 10 per cent is very short.

The majority of pulses, 42 per cent are podding in the east-central region. The majority of flax is in the stem elongation stage. Canola is either in the rosette stage at 47 per cent or flowering at 49 per cent. Fall cereals are heading at 72 per cent or in dough stages at 19 per cent. Spring cereals are more diverse in staging throughout the region and range from jointed at 14 per cent to heading at 43 per cent.

Harvesting the first cut of hay is well underway, with 26 per cent of the hay cut and 18 per cent baled or silaged. Hay is of good quality. Pasture conditions range from excellent to fair; 37 per cent of pastures are in good condition.

Crop damage this week is due to some localized flooding, wind damage and grasshoppers. Producers are busy haying and spraying fungicides following the warm and humid weather that is favourable for disease development.

#### **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 were very grateful for some rain in the region this past week as warm and dry conditions continue and hope more will come soon.

Scattered showers moved through the region this week, with trace amounts and up to 34 mm being recorded in the Hague area. Topsoil moisture levels are diminishing in cropland and are limited in hay and pasture land. Forty-six per cent of cropland is adequate for soil moisture, 38 per cent is short and 16 per cent is very short. Hay and pasture land is more limited with 27 per cent rated as adequate, 49 per cent short and 24 per cent very short.

Fall cereals are at diverse stages throughout the region. Seven per cent are tillering, 19 per cent jointed, 19 per cent at the shot blade stage and 19 per cent heading, while 38 per cent are in the dough stage. Spring cereals are either shot blade at 37 per cent or heading at 54 per cent. The majority of flax is in stem elongation stages. Canola is primarily flowering at 68 per cent and pulses are either flowering at 45 per cent or podded at 40 per cent.

Only 36 per cent of hay is left standing for the first cut this year; 33 per cent is cut and 31 per cent is baled or silaged for the year. Hay is of good to fair quality for the first cut. Pastures range from good to poor condition, overall, 47 per cent are in fair condition.

Crop damage in the west-central this past week was caused by grasshoppers and heat stress. Producers are busy haying and spraying fungicides and insecticides.

#### **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 nicely in the northeast. Canola is flowering and cereals are heading out with good conditions throughout the region. Producers are hoping for some timely rains to sustain the conditions they have.

The northeast received rain this week that was also accompanied by some strong winds. The Prince Albert area recorded 40 mm this past week. Rain received helped maintain moisture levels, although they are still diminishing. In cropland, 54 per cent of topsoil moisture is adequate, 45 per cent is short and one per cent is very short. In hay and pastures, 49 per cent is adequate, 50 per cent is short, and one per cent is very short.

The majority of fall cereals are in dough stages at 69 per cent, while 29 percent are heading. In spring cereals, 59 per cent is heading out. Seventy per cent of canola is flowering and 54 per cent of pulses are podding. Sixty-eight per cent of flax is in the stem elongation stage.

Producers are about halfway through their first cut of hay, with 23 per cent cut and another 25 per cent baled or silaged. Producers are happy with the good quality hay. Pasture conditions in the northeast are rated as 63 per cent good with 30 per cent in fair condition.

Crop damage in the northeast this week is due to localized flooding, wind damage and some moisture stress. Producers are busy spraying fungicides and haying this week.

**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 welcomed the rainfall this past week; that helped replenish topsoil moisture levels. However, along with the rain came hail and strong winds that caused some crop damage. The Turtleford area recorded 37 mm.

Topsoil moisture levels were replenished by the rain with 73 per cent of cropland is now adequate and 26 per cent short. In hay and pasture land, 70 per cent is adequate and 27 per cent is short.

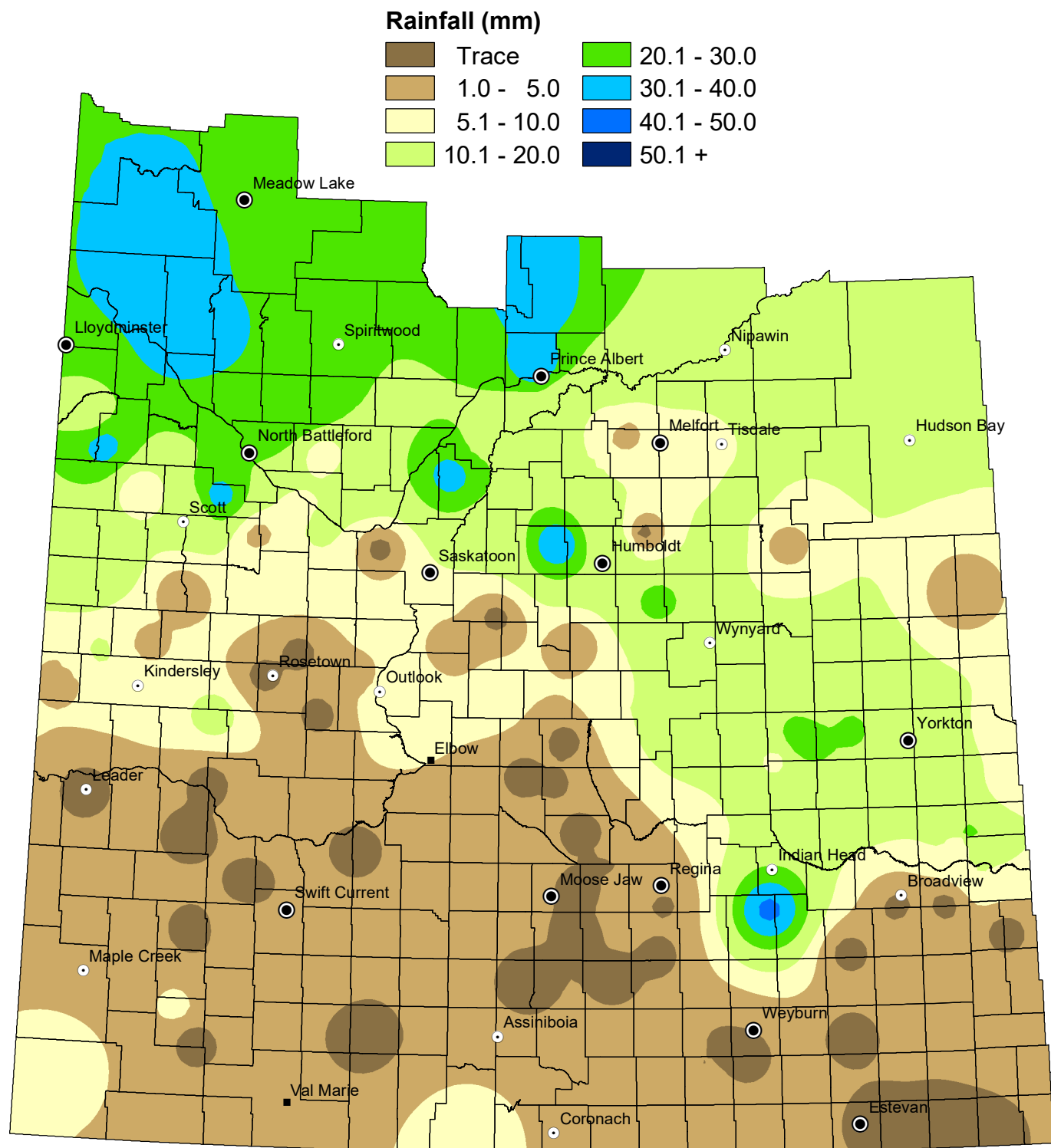
Flax is the most advanced in this region, where 80 per cent of the crop is flowering. Fall cereals are equally split between heading and dough stages. Spring cereals are mainly heading out at 65 per cent. Seventy-four per cent of canola is flowering. Pulses are mainly podding at 40 per cent.

The moisture this past week delayed haying progress in the region. Seventy-five per cent of hay is standing, while 18 per cent is cut and seven per cent is baled or silaged. The majority of first cut hay is of good quality. Pastures are in good to fair condition in the region, with many producers hopeful that condition will hold on after this week's moisture.

Crop damage this week was due to hail and wind that moved through the region. Producers are also scouting crops for disease and insects, with grasshoppers being a primary concern.

# Weekly Rainfall

from June 27 to July 3, 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

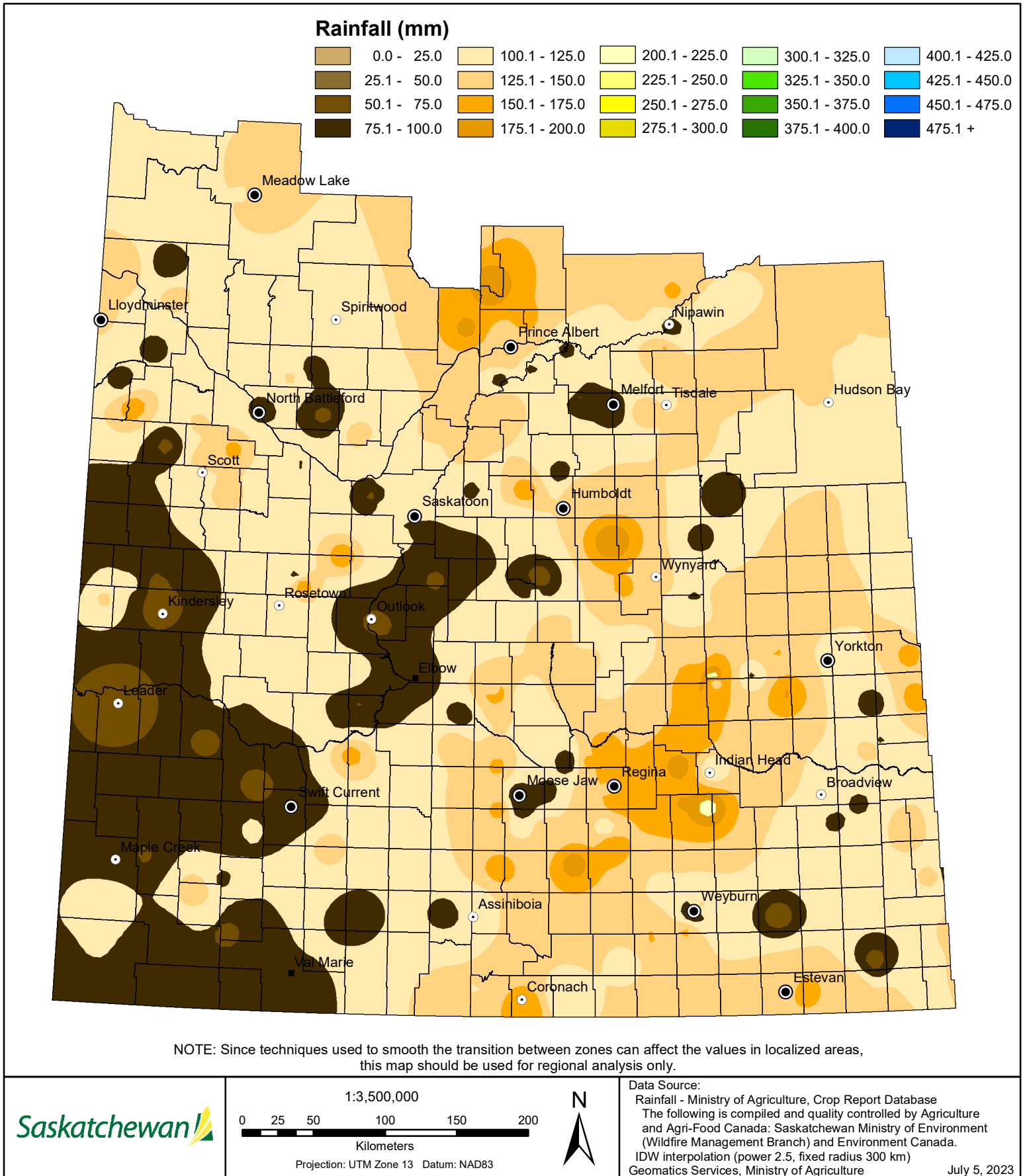
(in millimeters)

for the period from June 27 to July 3, 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	N/A	138	4A	51	Reno	7	101	7A	259	Snipe Lake	13	87
	3	Enniskillen	N/A	150		79 A	Arlington	N	114		287	St. Andrews	N/A	55
	4	Coalfields	N/A	161		79 B	Arlington	6	149		288	Pleasant Valley	N/A	100
	6	Cambria	N/A	N/A		109	Carmichael	N/A	N/A		290	Kindersley	4	59
	32	Reciprocity	N/A	147		110	Plapot	3	73		292	Milton	6	128
	34	Browning	N/A	N/A	4B	139	Gull Lake	N/A	92		292 B	Milton	3	74
	61	Antler	N/A	N/A		229	Miry Creek	N/A	69.4		317 A	Marriott	N/A	174
	64	Brock	N/A	N/A		231	Happyland	N/A	53		317 B	Marriott	N/A	93
	65	Tecumseh	N/A	52	5A	181	Langenburg	24	91		319	Winslow	N/A	15
1B	95	Golden West	N/A	N/A		183 A	Fertile Belt	5	128		320 A	Oakdale	4	89
	122	Martin	N/A	146		185	McLeod	N/A	40		320 B	Oakdale	5	26
	123	Silverwood	N/A	96		211	Churchbridge	8	168		321	Prairiedale	11	97
	124	Kingsley	3	94		213	Saltcoats	16	103	7B	347	Biggar	7	119
	125 A	Chester	N/A	N/A		215	Stanley	20	177		350	Mariposa	1	61
	125 B	Chester	N/A	124		216 A	Tullymet	N/A	148		351	Progress	13	68
	151	Rocanville	10	103		216 B	Tullymet	1	59		377	Glenside	6	98
	154 A	Elcapo	N/A	117		217	Lipton	N/A	178		378	Rosemount	3	105
	154 B	Elcapo	N/A	N/A		241	Calder	7	163		382	Eye Hill	20	85
	155	Wolseley	N/A	139		243	Wallace	12	63	409 A	409 A	Buffalo	34	158
2A	67	Weyburn	N/A	143		245 A	Garry	21	151	409 B	409 B	Buffalo	11	145
	68	Brokenshell	N/A	104		245 B	Garry	5	102		410	Round Valley	5	25
	96	Fillmore	N/A	N/A		246 A	Ituna Bon Accord	9	236	8A	394	Hudson Bay	11	128
	97	Wellington	N/A	N/A		246 B	Ituna Bon Accord	29	117		395	Porcupine	N/A	110
	100	Elmsthorpe	N/A	170		247	Kellross	N/A	201		397 A	Barrier Valley	11	134.4
2B	127 A	Francis	42	213		248	Touchwood	19	101		397 B	Barrier Valley	N/A	54
	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	170		275	Insinger	17	134		428	Star City	6	133
	131	Baldon	N/A	134		276	Foam Lake	12	149.5		456	Arborfield	10	149
	156 A	Indian Head	N/A	N/A		277	Emerald	16	131		457 A	Connaught	N/A	N/A
	156 B	Indian Head	N/A	137		277 B	Emerald	8	66		457 B	Connaught	N/A	85
	159 A	Sherwood	N/A	162		301	St.Philips	N/A	84.2		486	Moose Range	14	106
	159 C	Sherwood	5	112		305	Invermay	N/A	N/A	8B	487	Nipawin	N/A	59
	160	Pense	N/A	63		307	Elfros	15	121		369	St. Peter	N/A	116
	161 A	Moose Jaw	3	125		308 A	Big Quill	10	155		370 A	Humboldt	17	127
	162 A	Caron	1	144		308 B	Big Quill	N/A	N/A		370 B	Humboldt	N/A	N/A
	162 B	Caron	N/A	159		331	Livingston	2	120		371 A	Bayne	39	167
	191	Marquis	N/A	N/A		334	Preeceville	N/A	18		371 B			

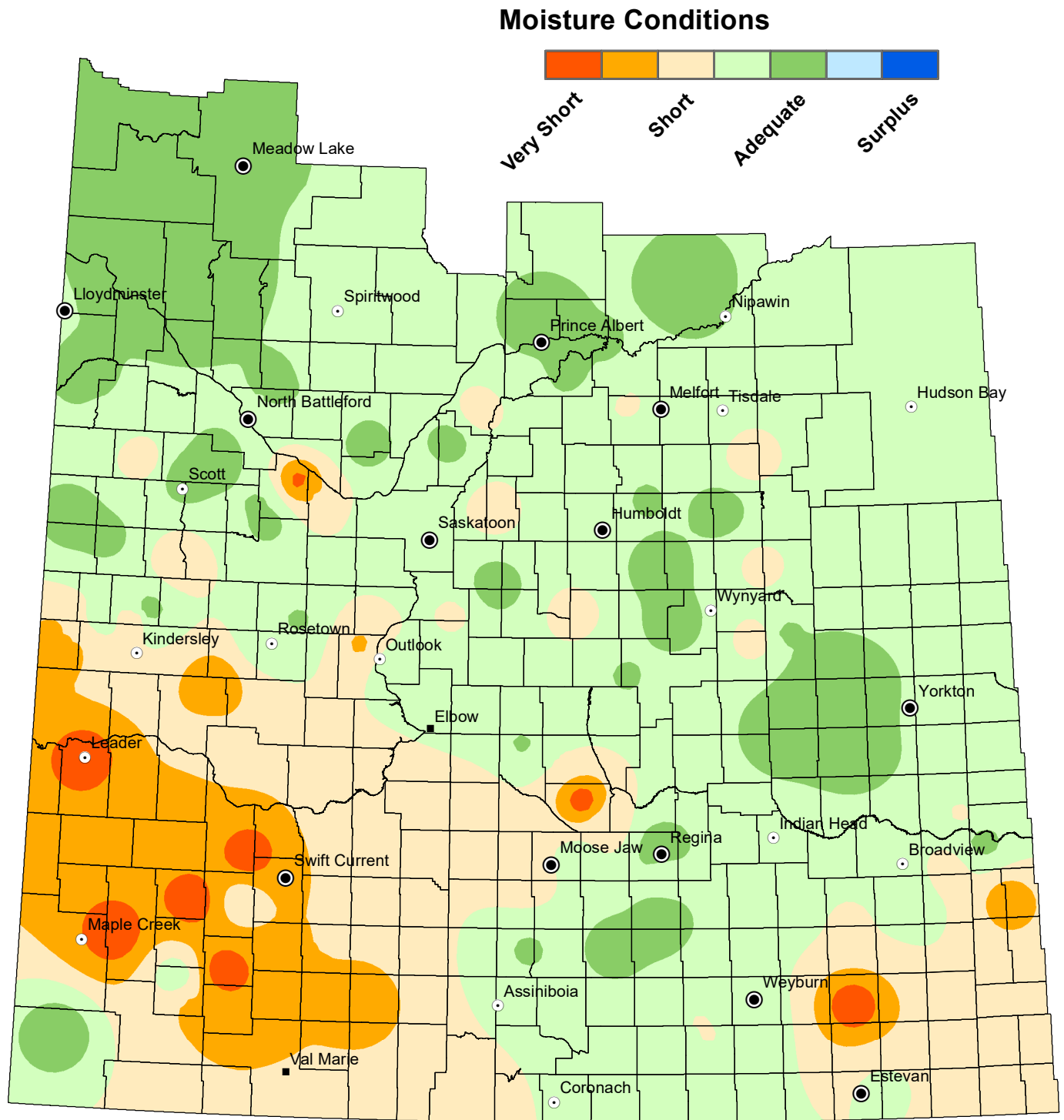
# Cumulative Rainfall

from April 1 to July 3, 2023



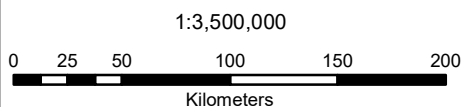
# Cropland Topsoil Moisture Conditions

July 3, 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**



Projection: UTM Zone 13 Datum: NAD83



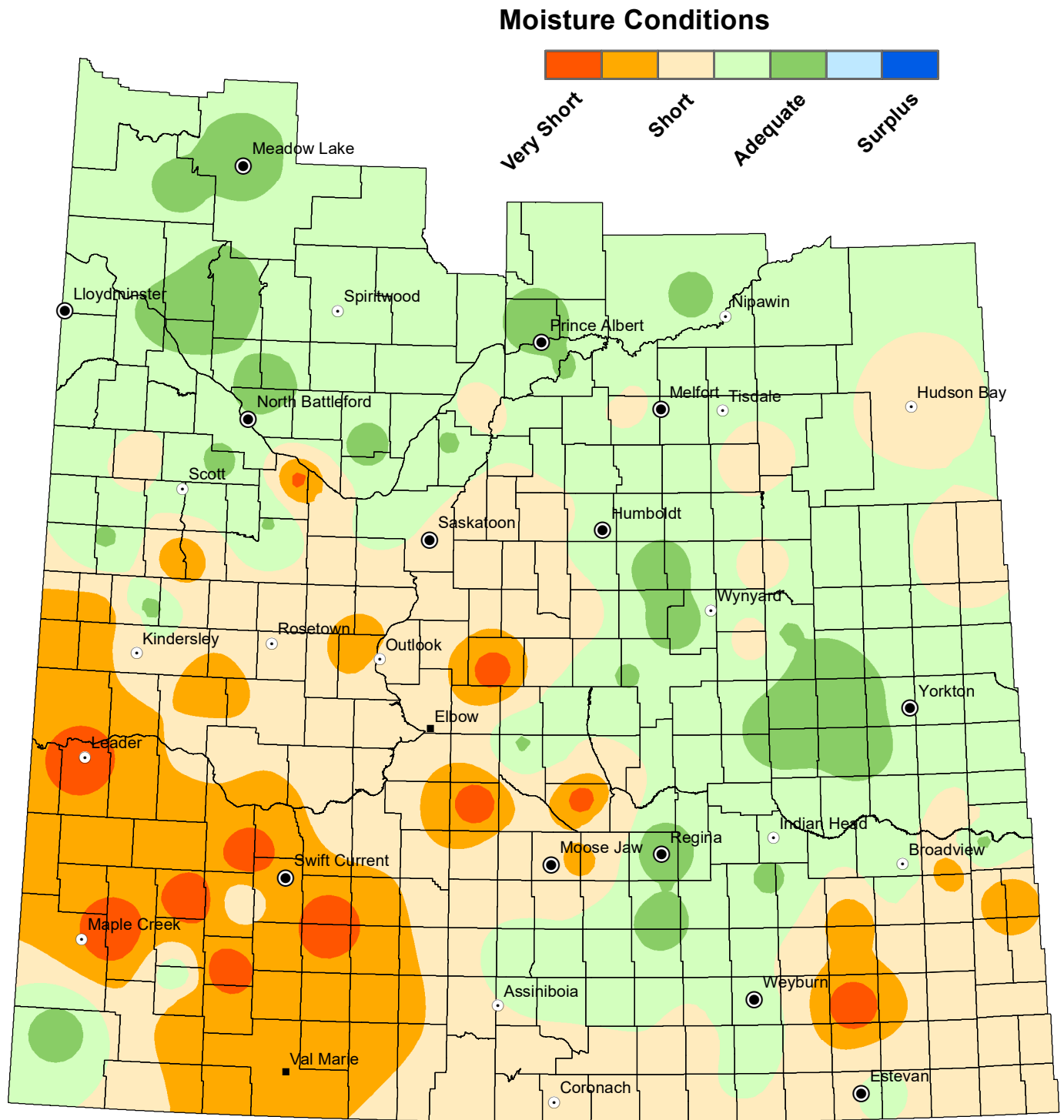
Data Source:  
Moisture - Ministry of Agriculture, Crop Report Database  
IDW interpolation (power 2.5, fixed radius 300 km)

Geomatics Services, Ministry of Agriculture

July 5, 2023

# Hay and Pasture Topsoil Moisture Conditions

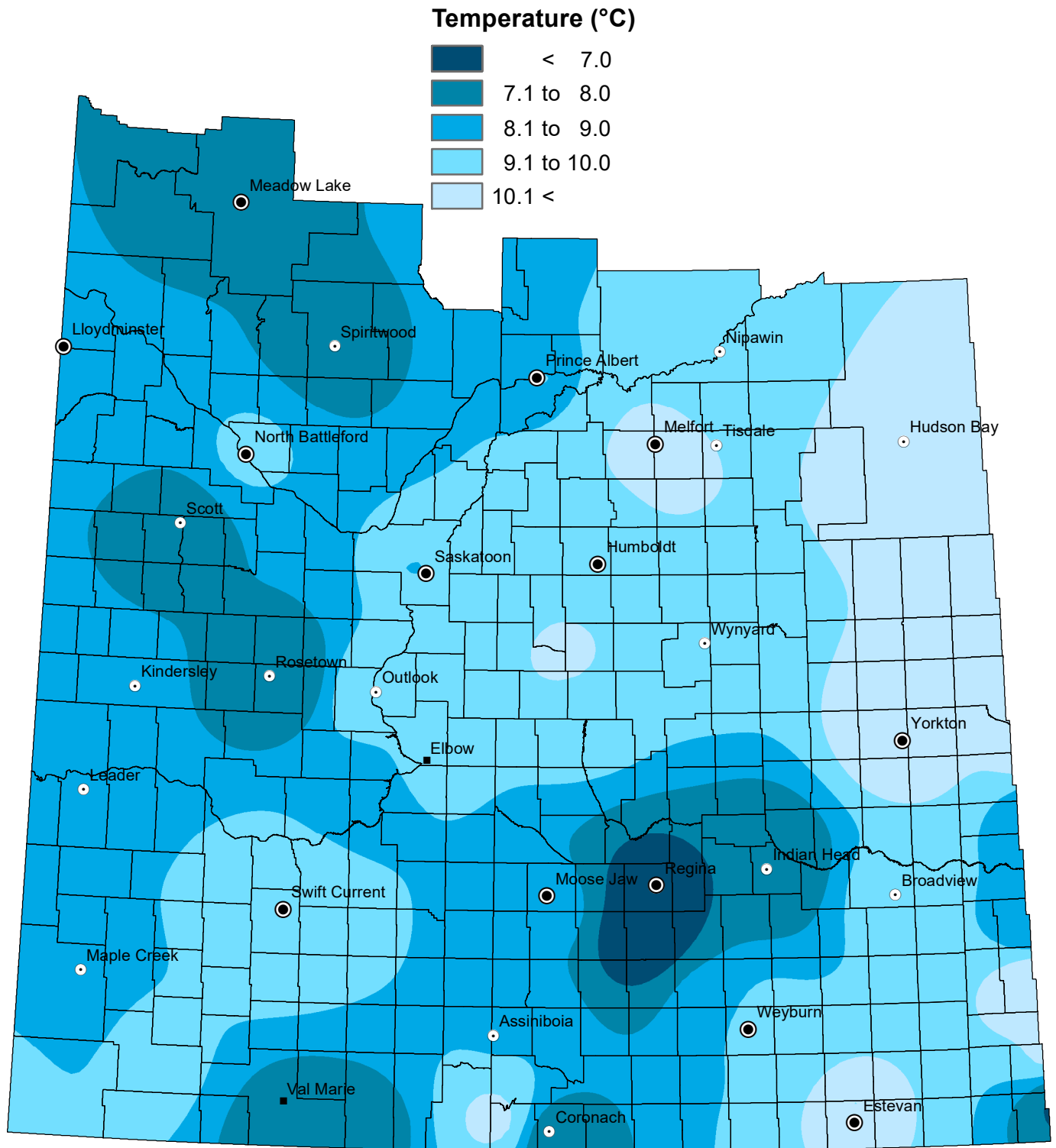
## July 3, 2023



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# Minimum Temperature

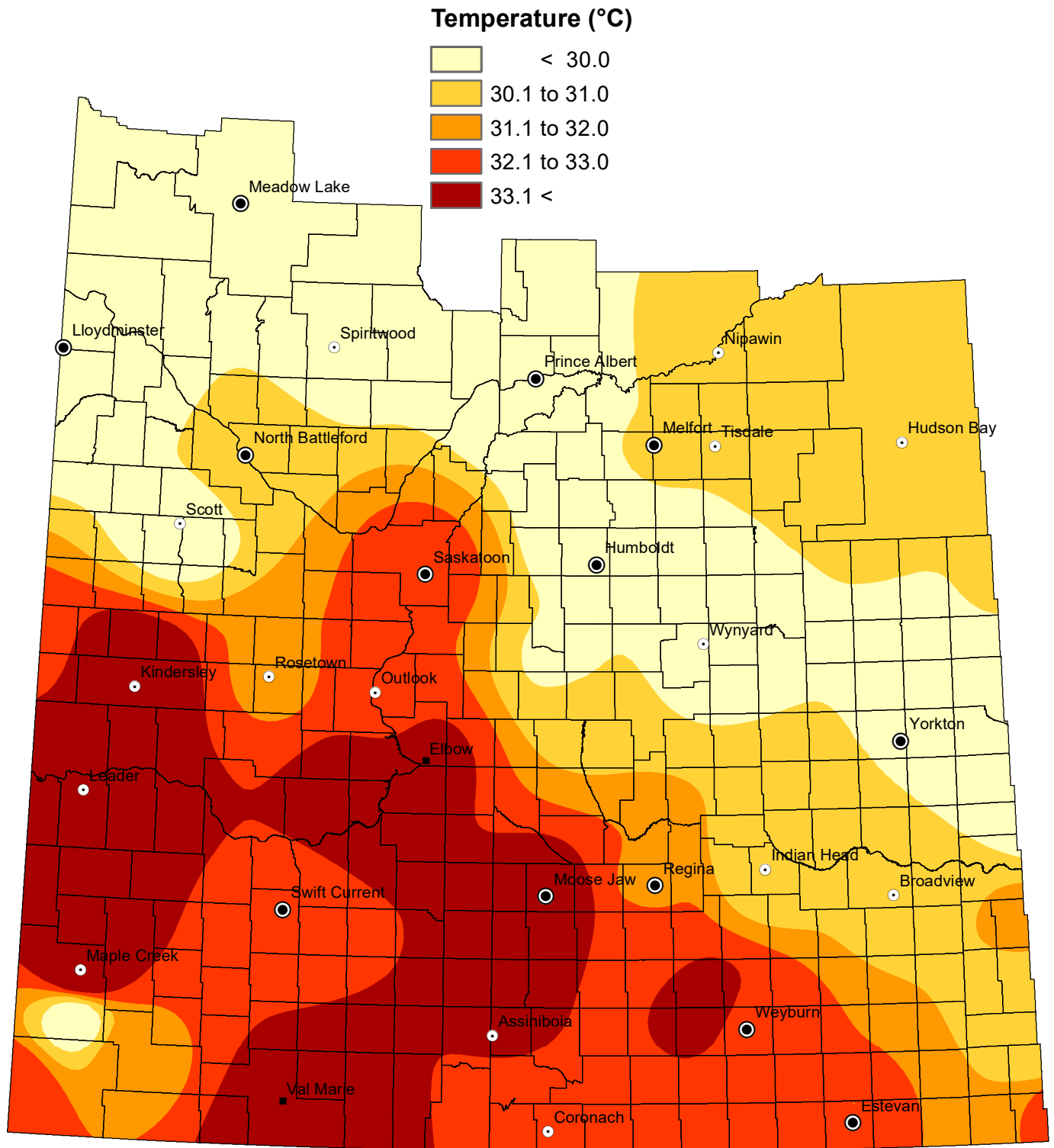
## from June 27 to July 3, 2023



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.

# Maximum Temperature

from June 27 to July 3, 2023



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**Saskatchewan**

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

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

July 5, 2023