

Crop Report

For the Period July 13 to 19, 2021

Published by the Ministry of Agriculture
ISSN 0701 7085
Report number 12, July 22, 2021

Crops remain extremely stressed from the lack of moisture and continue to advance quickly due to the heat and dry conditions throughout the growing season. Many parts of the province saw a break in the heat with clouds and smoke from fires moving in, providing crops a slight reprieve from heat stress. Any rain received now will not help increase crop yield but it will help maintain yields through the heat.

Provincially, 51 per cent of the fall cereals, 52 per cent of the spring cereals, 50 per cent of the oilseeds and 49 per cent of the pulse crops are at their normal stages of development for this time of year. Many cereal crops that have headed out are not developing kernels and some producers have elected to cut these crops as greenfeed. There is a significant shortage of livestock feed, so we encourage producers to consider alternate uses for crops that will not develop.

Provincial			
	% Ahead	% Normal	% Behind
Fall Cereals	44	51	5
Spring Cereals	37	52	11
Oilseeds	36	50	14
Pulse Crops	43	49	8

Rainfall varied throughout the province this past week with many regions receiving from nil up to 75 mm. The Redvers area received the most rainfall with 75 mm, the Kisbey and Stoughton areas received 34 mm and the Kindersley area received two mm.

Cropland topsoil moisture is rated as eight per cent adequate, 39 per cent short and 53 per cent very short. Hay and pasture land topsoil moisture is rated as six per cent adequate, 31 per cent short and 63 per cent very short.

Haying continues in the province with 22 per cent of the hay crop cut and 61 per cent baled or put into silage. Hay quality is currently rated as eight per cent excellent, 51 per cent good, 32 per cent fair and nine per cent poor.

Hay yields are well below normal and most producers are unsure if a second cut will be possible this year. Low hay yields and quality are causing concerns over the amount of feed available to carry cattle over into the winter.

One year ago

Many areas of the province received rain that will help fill crops and replenish the topsoil moisture. Most crops were at their normal stages of development and those that were behind were expected to catch up with warm weather in the forecast.

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



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Estimated average dryland hay yields at this time are 0.70 tons per acre for alfalfa and alfalfa/brome grass, 0.60 tons per acre for other tame hay and wild hay and one tonne per acre for greenfeed. Estimated average irrigated hay yields are 1.79 tons per acre for alfalfa, 1.67 tons per acre for alfalfa/brome grass and 1.23 tons per acre for greenfeed.

Crop damage this week was attributed to localized hail, strong winds, lack of moisture, heat and grasshoppers. Many producers are assessing the benefit of spraying for grasshoppers in fields that are very poor in condition and are considering cutting them as greenfeed.

Estimated Provincial Hay Yields		
	Dry land	Irrigated Land
Alfalfa	0.7	1.7
Brome/Alfalfa	0.7	1.7
Other Tame Hay	0.6	1.5
Wild Hay	0.6	1.2
Greenfeed	1	1.2

Farmers are busy haying, doing yield assessments through SCIC, researching their options around water infrastructure and some have already begun prepping their harvesting equipment.

In response to the feed shortage this year, Saskatchewan Crop Insurance Corporation is doubling the Low Yield Appraisal threshold values for customers who salvage their cereal or pulse crops as feed, without negatively impacting future individual coverage. Customers are asked to contact their local SCIC office before they graze, bale or silage any damaged crops to discuss their options. Additionally, the Government of Saskatchewan is making changes to temporarily increase the maximum funding a livestock producer can receive from the Farm and Ranch Water Infrastructure Program (FRWIP) for dugouts, wells and pipelines for agricultural use. This change will be in effect for the April 1, 2021 to March 31, 2022, time period. The maximum rebate for livestock producers during this time period will increase from \$50,000 to \$150,000. The first \$50,000 will be based on a 50-50 cost-share and the remaining \$100,000 will be on a 70-30 government-producer cost-share. Producers can contact the Agriculture Knowledge Centre at 1-866-457-2377 for more information.

A complete, printable version of the Crop Report is available online – Download Crop Report. <https://www.saskatchewan.ca/crop-report>

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 are advancing so quickly in the region that some producers are indicating that harvest of some pulse and cereal fields is right around the corner. Hot temperatures in the forecast will further deteriorate crops and some producers have already cut multiple crop fields for green feed. Crops in the region range in development and condition; many areas of the province are struggling under heat and moisture stress while other areas like the southeast portion of the region continue to receive crop saving rain and have pockets of very good looking crops.

	% Ahead	% Normal	% Behind
Fall Cereals	23	68	9
Spring Cereals	26	61	13
Oilseeds	22	61	17
Pulse Crops	36	55	9

	Dry land	Irrigated Land
Alfalfa	0.8	0
Brome/Alfalfa	1.0	0
Other Tame Hay	0.7	0.0
Wild Hay	0.5	0.0
Greenfeed	1.2	1.5

Scattered rain showers were received across much of the region, with the Redvers area receiving 75 mm. The Kisbey and Stoughton areas received 34 mm of rain, the Weyburn area 18.5 mm, the Moosomin area 12 mm and the Whitewood area 10 mm.

Topsoil moisture conditions declined from last week even with several rain showers appearing across the region throughout the week. Cropland topsoil moisture is rated as 21 per cent adequate, 56 per cent short and 23 per cent very short. Hay and pasture land topsoil moisture is rated as 13 per cent adequate, 39 per cent short and 47 per cent very short. Crop District 1B is reporting that 31 per cent of the cropland and 63 per cent of the hay and pasture land is very short topsoil moisture at this time.

Haying operations continue in between rain showers. Livestock producers currently have 26 per cent of the hay crop cut and 52 per cent baled or put into silage. Hay quality is rated as four per cent excellent, 52 per cent good, 39 per cent fair and five per cent poor. Overall, hay yields are far less than average and many producers do not expect a second cut at this time.

Most crop damage this past week was due to dry winds, lack of moisture and heat. Grasshoppers continue to be of concern and some producers are applying insecticides to fields that are worth spraying.

Producers are busy haying, doing yield assessments, applying pesticides and getting equipment 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

Many crops in the southwest continue to worsen from the heat and extremely dry growing conditions in the southwest. Some producers have indicated that harvest will soon be approaching as crops are advancing quickly and beginning to dry up from the heat. Overall, the majority of crops in the region are ahead of their normal stages of development for this time of year.

	% Ahead	% Normal	% Behind
Fall Cereals	45	55	0
Spring Cereals	49	41	10
Oilseeds	43	45	12
Pulse Crops	45	46	9

Very little precipitation was received in the region over the week with the most received in the Big Beaver area where nine mm was recorded. The Mortlach area received six mm and the Hazenmore and Blumenhof areas received two mm.

Topsoil moisture conditions have deteriorated across the region. Moisture is desperately needed to maintain dugout levels and quality and to recharge the soil for next year. Cropland topsoil moisture is rated as four per cent adequate, 27 per cent short and 69 per cent very short. Hay and pasture land topsoil moisture is rated as three per cent adequate, 15 per cent short and 83 per cent very short. Crop District 4A is reporting that 68 per cent of the cropland and 75 per cent of the hay and pasture land is very short topsoil moisture at this time.

	Dry land	Irrigated Land
Alfalfa	0.4	1.8
Brome/Alfalfa	0.4	1.7
Other Tame Hay	0.3	0
Wild Hay	0.6	0
Greenfeed	0.6	1.0

Livestock producers currently have 16 per cent of the hay crop cut and 71 per cent baled or put into silage. Hay quality is currently rated as seven per cent excellent, 53 per cent good, 33 per cent fair and seven per cent poor. Overall, hay yields are much less than normal and many producers do not expect a second cut at this time.

The majority of crop damage this past week was due to strong winds, lack of moisture. Grasshoppers continue to be of concern and some producers are applying insecticides.

Producers are busy haying, doing yield assessments, applying pesticides and getting equipment 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

Just like the other regions of the province, the crops in the east-central region are ahead of their normal developmental time frame, after rapidly maturing in response to the extreme heat and dry growing conditions. Crop yield potential continues to fall across the region and many producers have begun to cut and bale their worst fields as greenfeed.

The region received very little rainfall last week that ranged from nil amounts to eight mm in the Semans areas and three mm in the Goodeve area. Without more rain the crops in the region will not be able to withstand the heat and will quickly dry up.

	% Ahead	% Normal	% Behind
Fall Cereals	58	34	8
Spring Cereals	26	58	16
Oilseeds	29	54	17
Pulse Crops	40	56	4

Topsoil moisture conditions have greatly deteriorated in the last week. Cropland topsoil moisture is rated as six per cent adequate, 48 per cent short and 46 per cent very short. Hay and pasture land topsoil moisture is rated as four per cent adequate, 40 per cent short and 56 per cent very short. Crop District 6A is reporting that 80 per cent of the cropland and 82 per cent of the hay and pasture land is very short for topsoil moisture at this time. Rainfall would be extremely welcomed to help alleviate stress from lack of moisture.

	Dry land	Irrigated Land
Alfalfa	0.8	n/a
Brome/Alfalfa	0.8	n/a
Other Tame Hay	0.6	n/a
Wild Hay	0.5	n/a
Greenfeed	1.2	n/a

or put into silage. Hay quality is rated as eight per cent excellent, 46 per cent good, 27 per cent fair and 19 per cent poor. Overall, hay yields are much less than normal and many producers do not expect a second cut at this time.

The majority of crop damage this past week was due to strong winds and lack of moisture. Grasshoppers continue to be of concern and some producers are applying insecticides.

Producers are busy haying, doing yield assessments, applying pesticides and getting equipment ready for harvest.

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

Dryland crops in the region look very poor and have suffered through excessive heat and a massive moisture deficit for several weeks now. Many crops are completely stunted and will no longer advance their lifecycle or are rapidly advancing without the ability to properly develop seed. Crops under irrigation are performing better but even they are beginning to suffer from the unprecedented heat that has gripped the province.

	% Ahead	% Normal	% Behind
Fall Cereals	41	42	17
Spring Cereals	47	41	12
Oilseeds	51	39	10
Pulse Crops	45	44	11

Very little rain fall was recorded in the region with most reports coming back reading trace. The few areas that saw rain are the Macklin area with eight mm, the Langham area with three mm and the Kindersley area with two mm.

Cropland topsoil moisture is rated as four per cent adequate, 24 per cent short and 72 per cent very short. Hay and pasture land topsoil moisture is rated as three per cent adequate,

	Dry land	Irrigated Land
Alfalfa	0.5	1.5
Brome/Alfalfa	0.4	1.5
Other Tame Hay	0.5	1.5
Wild Hay	0.5	1.2
Greenfeed	0.5	1.6

19 per cent short and 78 per cent very short. Crop District 7A is reporting that 22 per cent of the cropland has short topsoil moisture while Crop District 6B is reporting that 32 per cent of the cropland and 23 per cent of the hay and pasture land is rated as short for topsoil moisture at this time.

Livestock producers currently have 22 per cent of the hay crop cut and 71 per cent baled or put into silage. Haying has been going at a steady pace since there has been very little rainfall to cause delay and the weather is drying down windrows quickly.

Hay quality is currently rated as five per cent excellent, 37 per cent good, 42 per cent fair and 16 per cent poor. Overall, hay yields are about average but some producers have indicated that yields are much less than expected due to a drier spring.

The majority of crop damage this past week was due to strong winds and lack of moisture. Grasshoppers continue to be of concern and some producers are applying insecticides, with some areas spraying twice. Producers are only spraying fields that are worth saving and are leaving their very poor fields to be cut and baled as greenfeed.

Producers are busy haying, doing yield assessments, applying pesticides and getting equipment ready 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 continue to deteriorate in the region and a large portion of the crops are ahead of their normal stages of development, causing several producers to predict harvest starting far sooner than normal. Wheat and canola crops appear to have fared the heat better than other crops such as oats and barley but yield assessments need to be conducted to determine if any crop has developed any viable seed.

	% Ahead	% Normal	% Behind
Fall Cereals	67	31	2
Spring Cereals	34	64	2
Oilseeds	42	48	10
Pulse Crops	37	62	1

The entire north-east region received next to no precipitation this week except for the Christopher Lake area which received 15 mm. Topsoil moisture conditions have declined since the previous week and are expected to keep falling. Cropland topsoil moisture is rated as six per cent adequate, 45 per cent short and 49 per cent short. Hay and pasture land topsoil moisture is rated as six per cent adequate, 25 per cent short and 69 per cent short. Crop District 8A is reporting that 50 per cent of the cropland and 24 per cent of the hay land and pasture is rated as short for topsoil moisture at this time.

	Dry land	Irrigated Land
Alfalfa	1.2	n/a
Brome/Alfalfa	1	n/a
Other Tame Hay	0.8	n/a
Wild Hay	0.9	n/a
Greenfeed	1.0	n/a

Livestock producers now have 15 per cent of the hay crop cut and 78 put cent baled or put into silage. Hay quality is currently rated as nine per cent excellent, 45 per cent good, 45 per cent fair and one per cent poor.

The majority of crop damage this past week was due to strong winds and lack of moisture. Grasshoppers continue to be of concern and some producers are applying insecticides, with some areas spraying twice. Producers are only spraying fields that are worth saving and are leaving their very poor fields to be cut and baled as greenfeed.

Producers are busy haying, doing yield assessments, applying pesticides and getting equipment ready 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

The region remains extremely hot and dry, disrupting normal crop development and producer harvest plans. The majority of crops are ahead of their normal stage of crop development and many crops have not filled their heads or pods with seed, and likely won't unless a good rain is received.

	% Ahead	% Normal	% Behind
Fall Cereals	75	25	0
Spring Cereals	40	48	12
Oilseeds	39	48	13
Pulse Crops	44	44	12

The only occurrence of rain in the region happened around the Barthel area and resulted in only six mm of rain.

Topsoil moisture conditions have worsened in the region due to the recent rains. Cropland topsoil moisture is now rated as seven per cent adequate, 38 per cent short and 55 per cent very short. Hay and pasture land topsoil moisture is rated as seven per cent adequate, 46 per cent short and 47 per cent very short. Crop District 9B is reporting that 50 per cent of the cropland and 31 per cent of the hay land and pasture is rated as very short for topsoil moisture at this time.

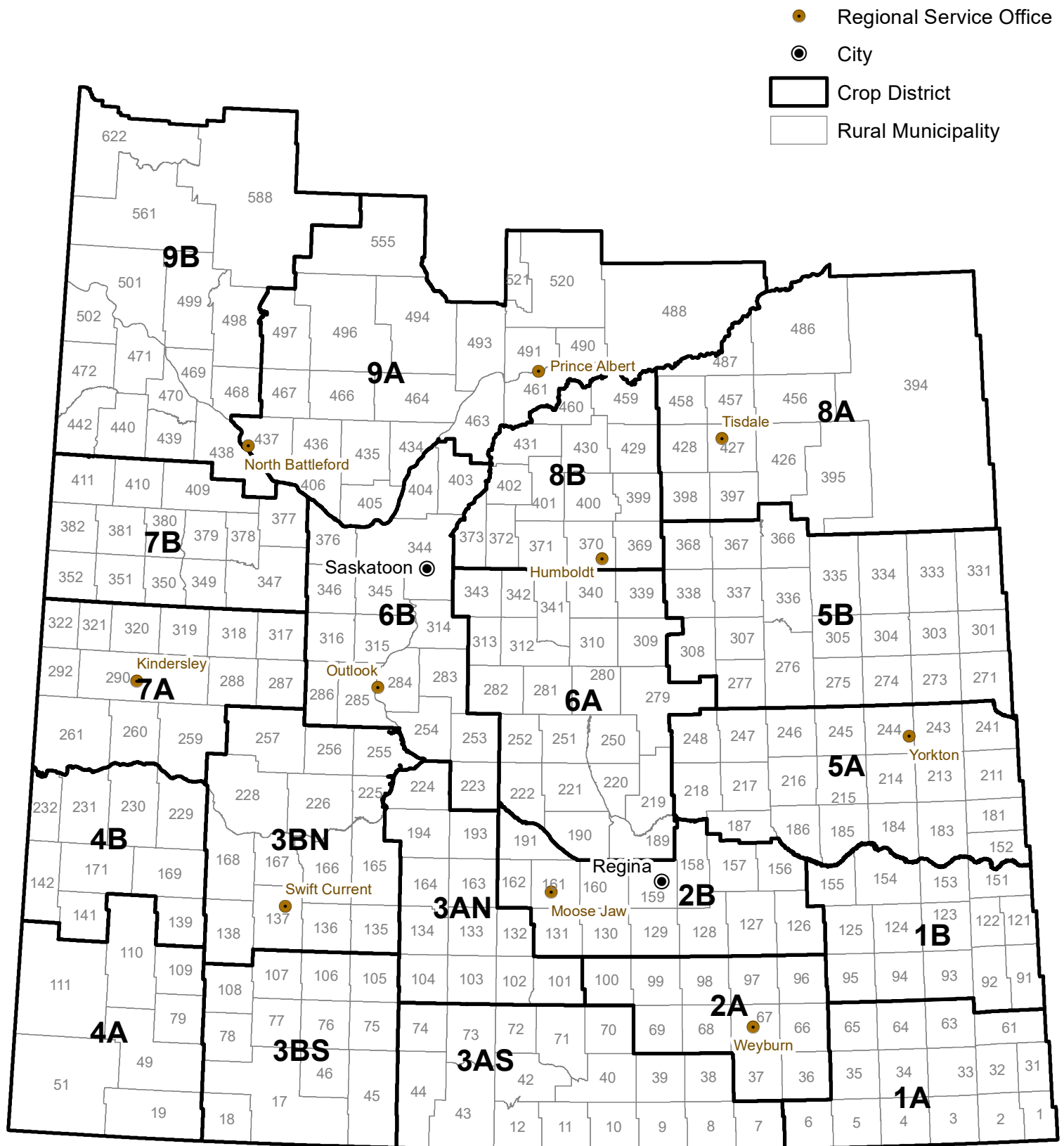
	Dry land	Irrigated Land
Alfalfa	0.75	n/a
Brome/Alfalfa	0.8	n/a
Other Tame Hay	0.8	n/a
Wild Hay	0.7	n/a
Greenfeed	0.8	n/a

Livestock producers currently have 24 per cent of the hay crop cut and 59 per cent baled or put into silage. Hay quality is rated as 20 per cent excellent, 40 per cent good 7 per cent fair and 33 per cent poor.

The majority of crop damage this past week was due to strong winds and lack of moisture. Grasshoppers continue to be of concern and some producers are applying insecticides, with some areas spraying twice. Producers are only spraying fields that are worth saving and are leaving their very poor fields to be cut and baled as greenfeed.

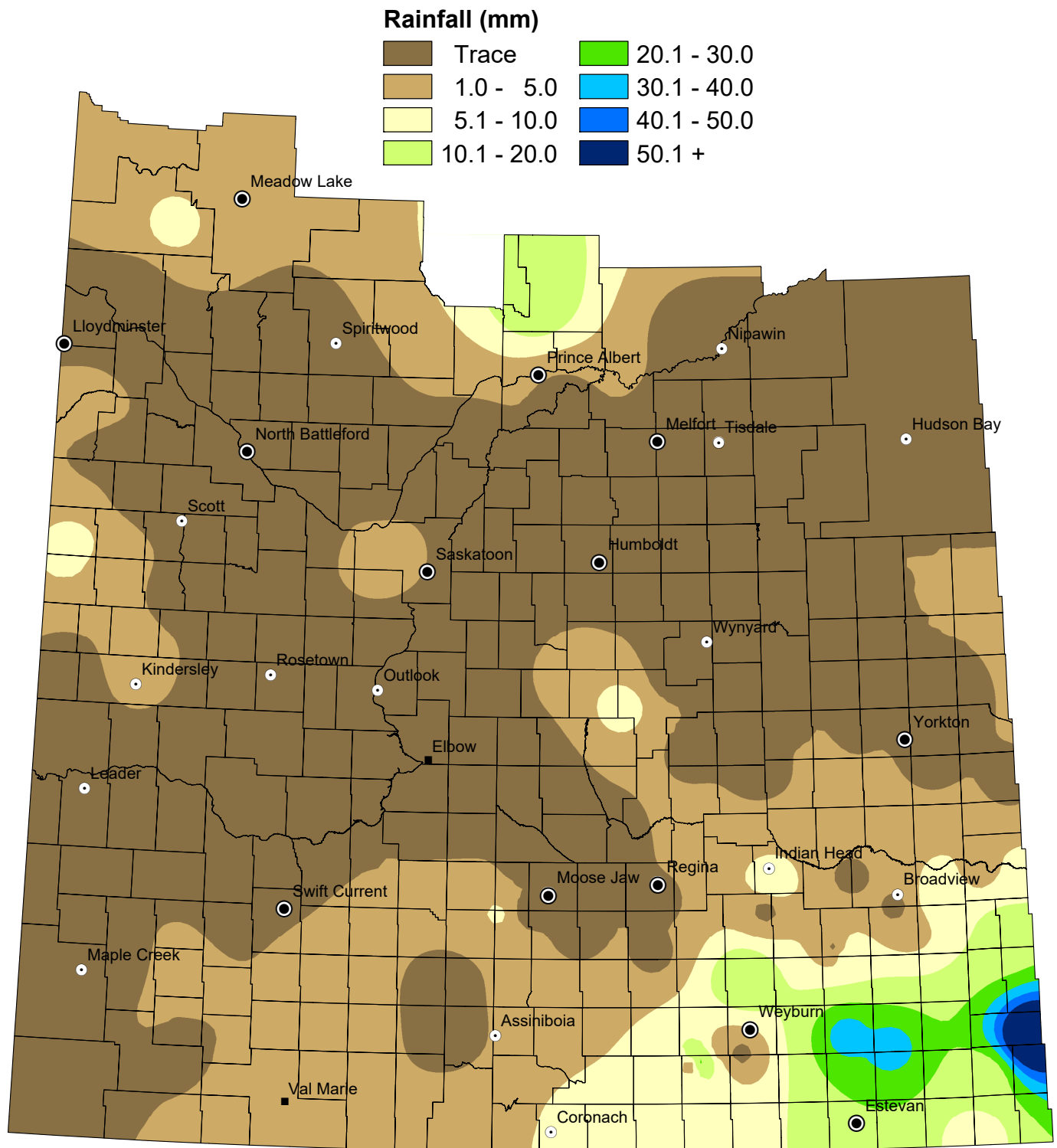
Producers are busy haying, doing yield assessments, applying pesticides and getting equipment ready for harvest.

Crop Districts and Rural Municipalities in Saskatchewan



Weekly Rainfall

from July 13 to July 19, 2021



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)

1 inch = 25 mm

for the period from July 13 to 19, 2021

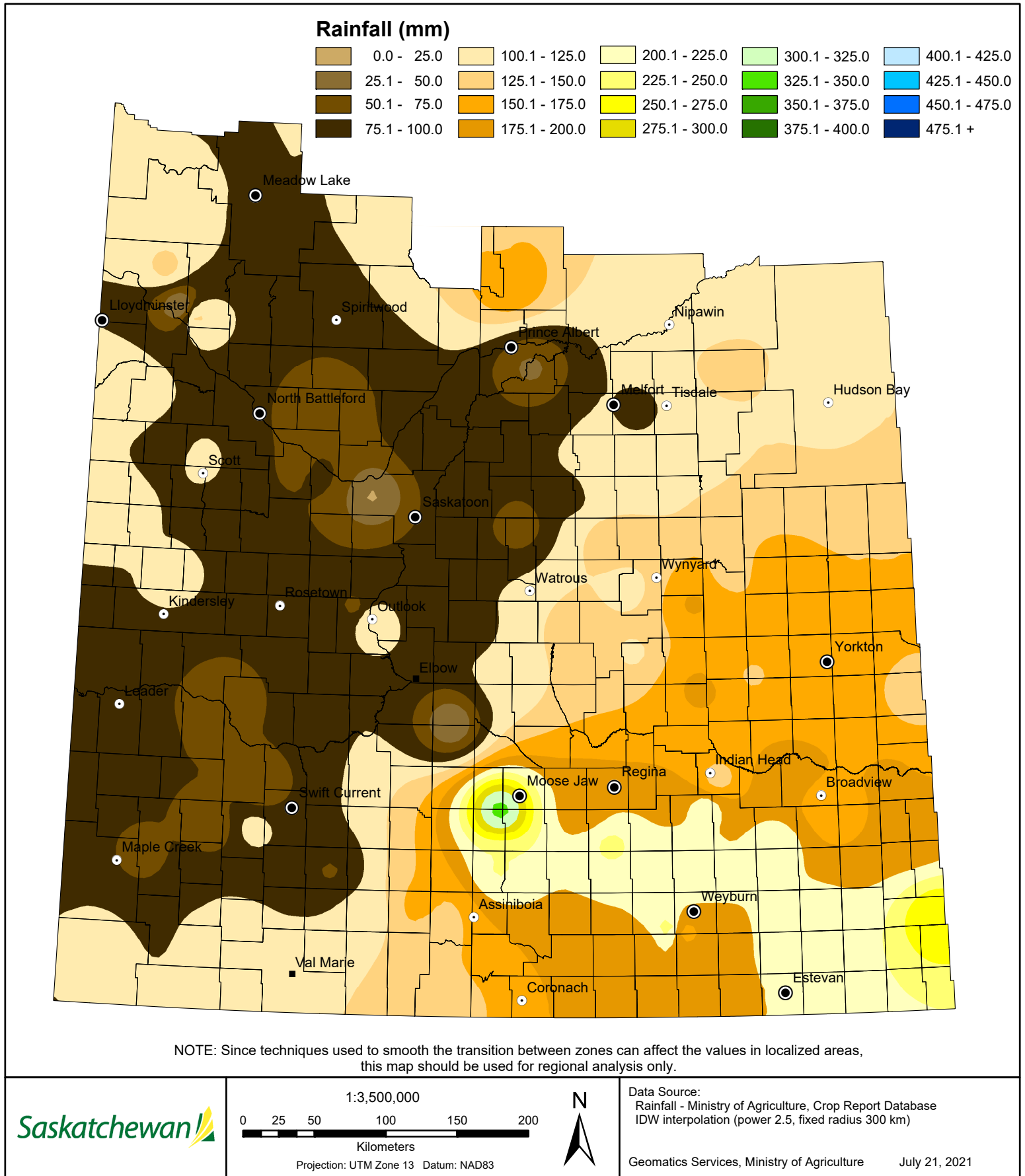
Crop Dist.	R.M. No.	Name	Past Week	Since 1-Apr	Crop Dist.	R.M. No.	Name	Past Week	Since 1-Apr	Crop Dist.	R.M. No.	Name	Past Week	Since 1-Apr
1A	2	Mount Pleasant	6	149	4A	51	Reno	NIL	106.1	7A	287	St. Andrews	N/A	35
	3	Enniskillen	N/A	226		79 A	Arlington	NIL	105		288	Pleasant Valley	trace	74
	32	Reciprocity	13	158		79 B	Arlington	1	95.9		290	Kindersley	trace	67.5
	61	Antler	75	272		109	Carmichael	4	57.1		292	Milton	NIL	64
	64	Brock	34	222		110	Piapot	NIL	69		317	Marriott	N/A	81
	65	Tecumseh	34	201	4B	139	Gull Lake	N/A	58		320 A	Oakdale	1	104
1B	95	Golden West	N/A	56		229	Miry Creek	NIL	74.4		320 B	Oakdale	2	75
	122	Martin	12	176		231	Happyland	NIL	93		321	Prairiedale	N/A	135
	123	Silverwood	10	195	5A	181	Langenburg	N/A	132	7B	347	Biggar	N/A	94
	124	Kingsley	2	167		183	Fertile Belt	2	172		350	Mariposa	NIL	31
	125 A	Chester	NIL	209		211	Churchbridge	trace	141		351	Progress	2	110
	125 B	Chester	9	221		213	Saltcoats	trace	121		377	Glenside	NIL	70.5
	151	Rocanville	4	176		217	Lipton	trace	181		378	Rosemount	NIL	134
	154 A	Elcapo	trace	169		241	Calder	N/A	133		382	Eye Hill	7.6	113
	154 B	Elcapo	N/A	38		243	Wallace	NIL	152	409 A	409 A	Buffalo	N/A	111
	155	Wolseley	NIL	187		245 A	Garry	trace	116	409 B	409 B	Buffalo	NIL	104
2A	67	Weyburn	trace	168.2		245 B	Garry	3	148		410	Round Valley	NIL	89.1
	68	Brokenshell	2	231.5		246 A	Ituna Bon Accord	trace	174	8A	394	Hudson Bay	NIL	101
	97	Wellington	18.5	225		246 B	Ituna Bon Accord	0.5	126		395	Porcupine	N/A	160
	100	Elmsthorpe	trace	173		247	Kellross	N/A	188.1		397	Barrier Valley	0.8	111.6
2B	127 A	Francis	trace	209		248	Touchwood	1	122		428	Star City	trace	96
	127 B	Francis	N/A	111	5B	273	Sliding Hills	NIL	174.5		456	Arborfield	trace	135
	129	Bratt's Lake	NIL	229		277	Emerald	N/A	179		457	Connaught	0.3	60.7
	131	Baildon	NIL	160		301	St.Philips	trace	128		486	Moose Range	trace	105
	156 A	Indian Head	N/A	141.4		305	Invermay	trace	158		487	Nipawin	N/A	71
	156 B	Indian Head	8	231		307	Elfros	trace	156	8B	369	St. Peter	NIL	109
	159	Sherwood	NIL	204		308 A	Big Quill	NIL	114		370 A	Humboldt	trace	94
	160	Pense	NIL	125		308 B	Big Quill	NIL	48		370 B	Humboldt	N/A	61
	161 A	Moose Jaw	1	187		331	Livingston	trace	142.3		371	Bayne	N/A	98
	161 B	Moose Jaw	trace	323		334	Preeceville	NIL	77		372	Grant	trace	91.3
	162 A	Caron	1	176.7		336	Sasman	NIL	138		400	Three Lakes	NIL	79
	162 B	Caron	trace	170		337	Lakeview	N/A	102		429	Flett's Springs	NIL	85
	191	Marquis	N/A	122		366	Kelvington	NIL	144.5		430	Invergordon	trace	121
3ASE	38 A	Laurier	22	145.4		367	Ponass Lake	NIL	122		459	Kinistino	NIL	126
	38 B	Laurier	2	189	6A	190 A	Dufferin	NIL	173		460	Birch Hills	NIL	47.2
3ASW	10	Happy Valley	9	297		190 B	Dufferin	N/A	124	9AE	461	Prince Albert	NIL	100.5
	43	Old Post	5	145		190 C	Dufferin	NIL	178		488	Torch River	NIL	79
	73 A	Stonehenge	NIL	117.5		190 D	Dufferin	NIL	14		491	Buckland	N/A	107
	73 B	Stonehenge	1	92.5		219 A	Longlaketon	N/A	152		520	Paddockwood	15	174
	74	Wood River	NIL	180		219 B	Longlaketon	N/A	209.2		521	Lakeland	15	149
3AN	102	Lake Johnston	2	225.7		220	McKillop	N/A	201	9AW	405	Great Bend	trace	44
	103	Sutton	NIL	86		221	Sarnia	trace	57.5		435	Redberry	N/A	100
	132 A	Hillsborough	6	177.5		222	Craik	NIL	126		436	Douglas	NIL	50
	132 B	Hillsborough	trace	330		251	Big Arm	N/A	50.5		437	North Battleford	NIL	63
	193	Eyebrow	1	129		252	Arm River	NIL	107.5		463	Duck Lake	NIL	120
3BS	75	Pinto Creek	2	105		279	Mount Hope	8	144		466	Meeting Lake	NIL	100
	77	Wise Creek	3	99		282	McCraney	N/A	91.8		467 A	Round Hill	NIL	88
	78	Grassy Creek	1	107		339	Leroy	0.2	141.6		467 B	Round Hill	NIL	88
	106	Whiska Creek	N/A	74		340	Wolverine	trace	108		493	Shellbrook	3.5	80.5
	107	Lac Pelletier	2	100		341	Viscount	N/A	59		496	Spiritwood	trace	130
	108	Bone Creek	N/A	105		343	Blucher	N/A	100		497	Medstead	NIL	64
3BN	138	Webb	NIL	107.5	6B	223 A	Huron	NIL	96	9B	440	Hillsdale	trace	107.5
	165	Morse	N/A	109.3		223 B	Huron	NIL	115.5		442	Manitou Lake	2.3	114.7
	168 A	Riverside	NIL	57		223 C	Huron	trace	22.9		498	Parkdale	N/A	84
	168 B	Riverside	N/A	83.5		284 A	Rudy	trace	94		499	Mervin	NIL	127.9
	226	Victory	N/A	73		284 B	Rudy	NIL	32		501 A	Frenchman Butte	trace	130.2
	228	Lacadena	N/A	63		285	Fertile Valley	NIL	70.5		501 B	Frenchman Butte	NIL	25
	257	Monet	N/A	80.5		286	Milden	N/A	70		501 C	Frenchman Butte	N/A	107
						314	Dundurn	trace	83		502	Britannia	NIL	56.5
						344	Corman Park	3	24		561	Loon Lake	6	123
						376	Eagle Creek	NIL	80		588	Meadow Lake	1	118
						403	Rosthern	NIL	98		622	Beaver River	N/A	68

Municipality No: A, B, C and D - more than one reporter

These precipitation amounts represent point locations within each municipality and do not necessarily reflect the whole R. M.

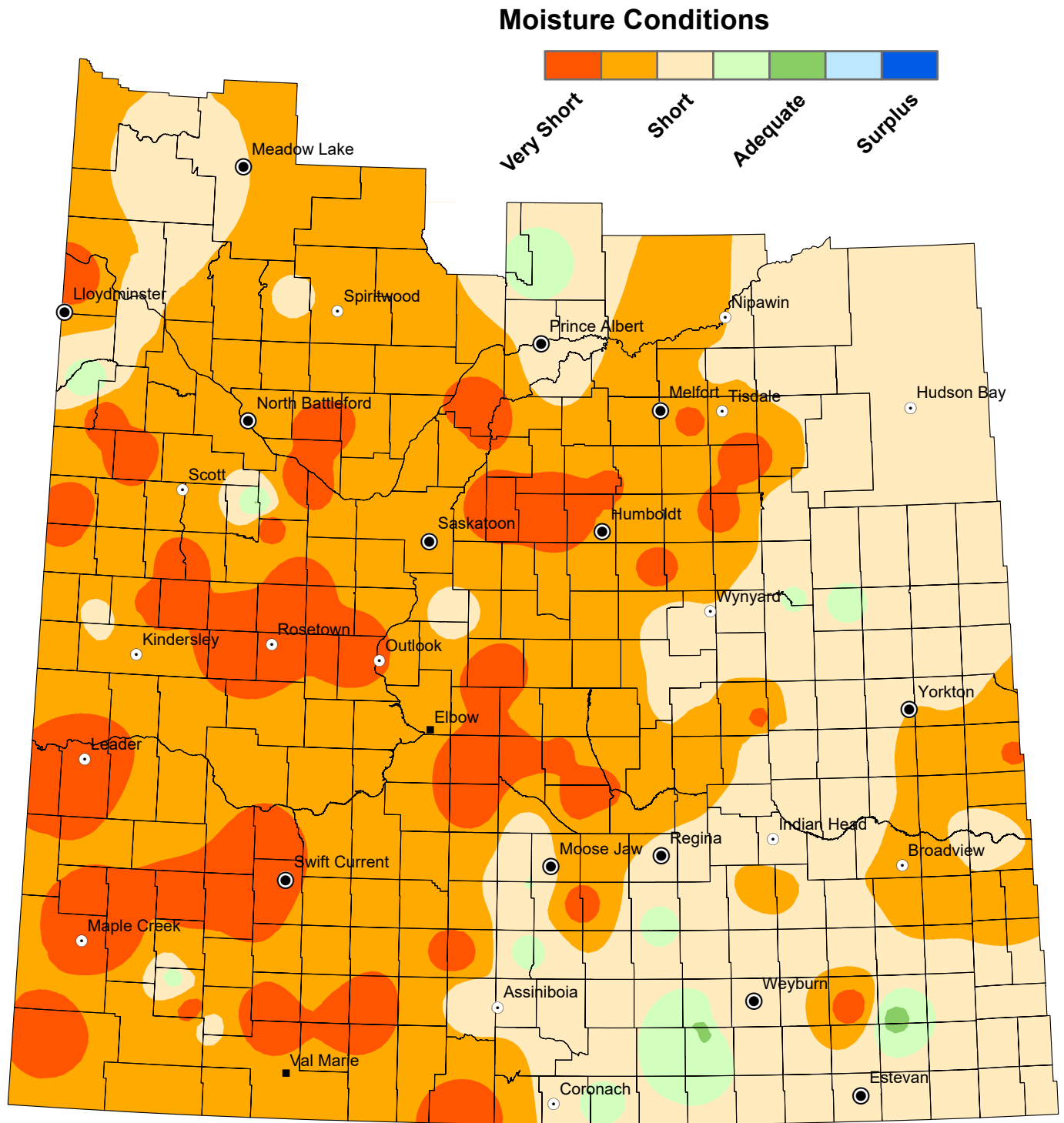
Cumulative Rainfall

from April 1 to July 19, 2021



Cropland Topsoil Moisture Conditions

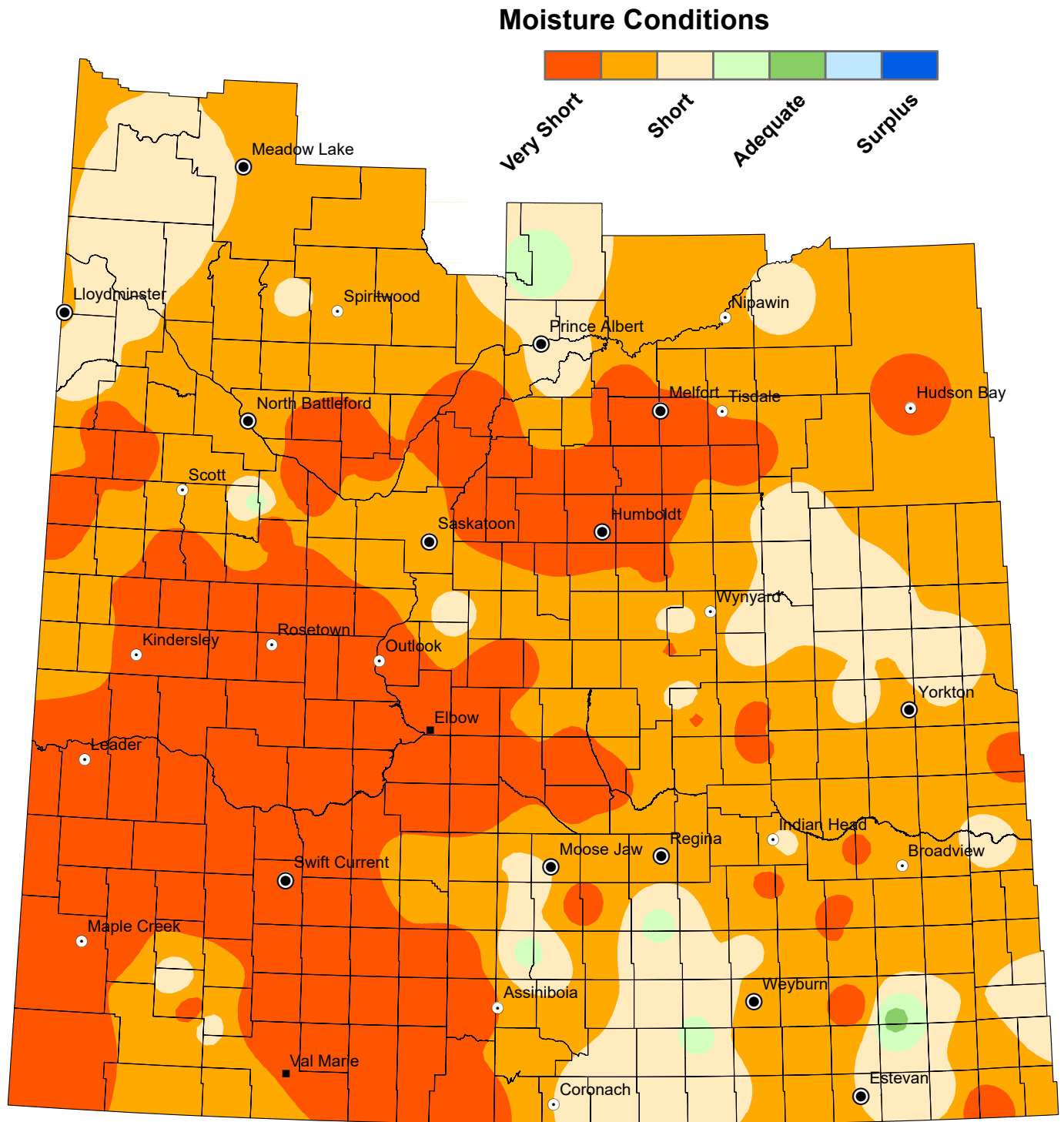
July 19, 2021



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Hay and Pasture Topsoil Moisture Conditions

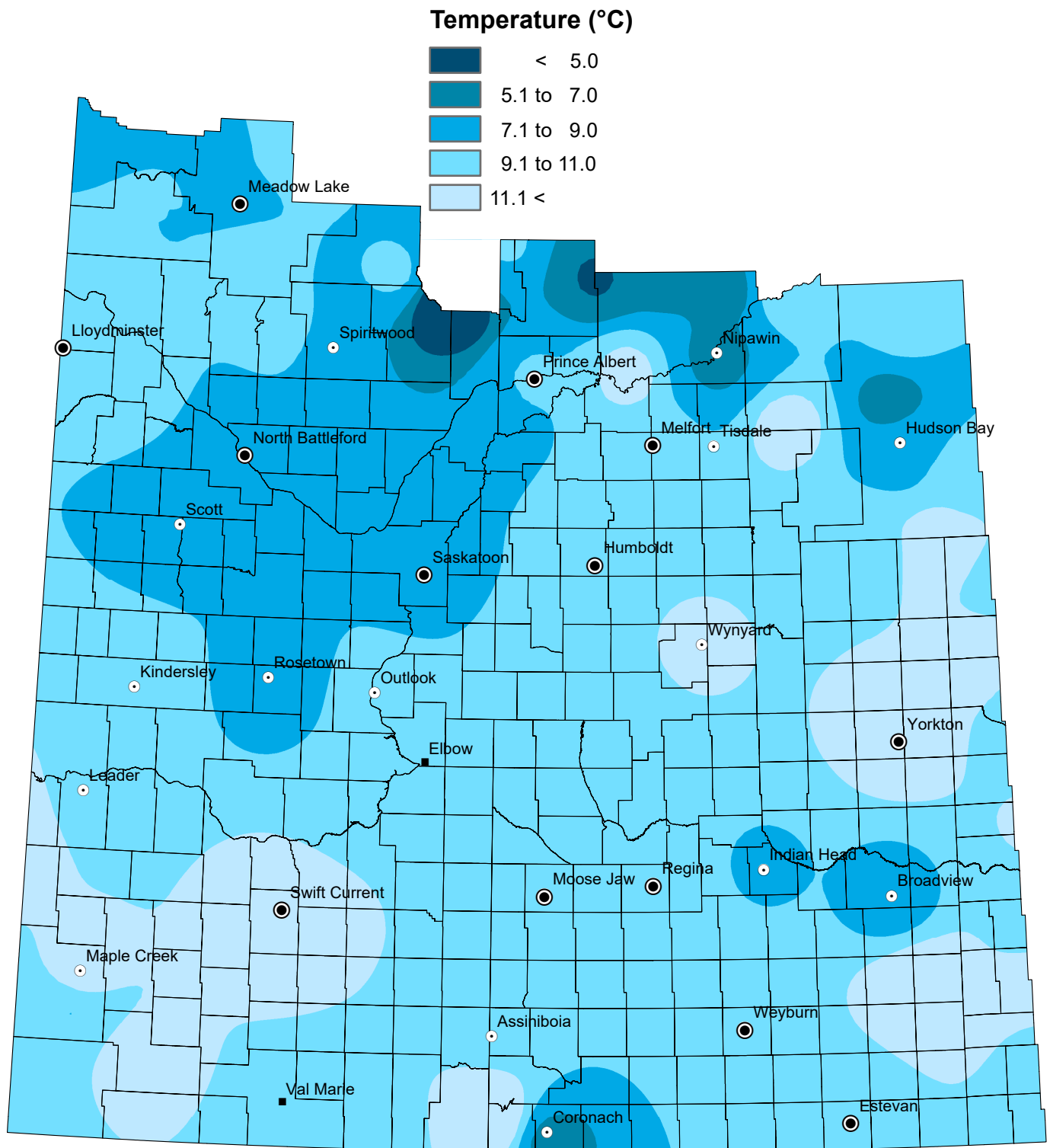
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Minimum Temperature

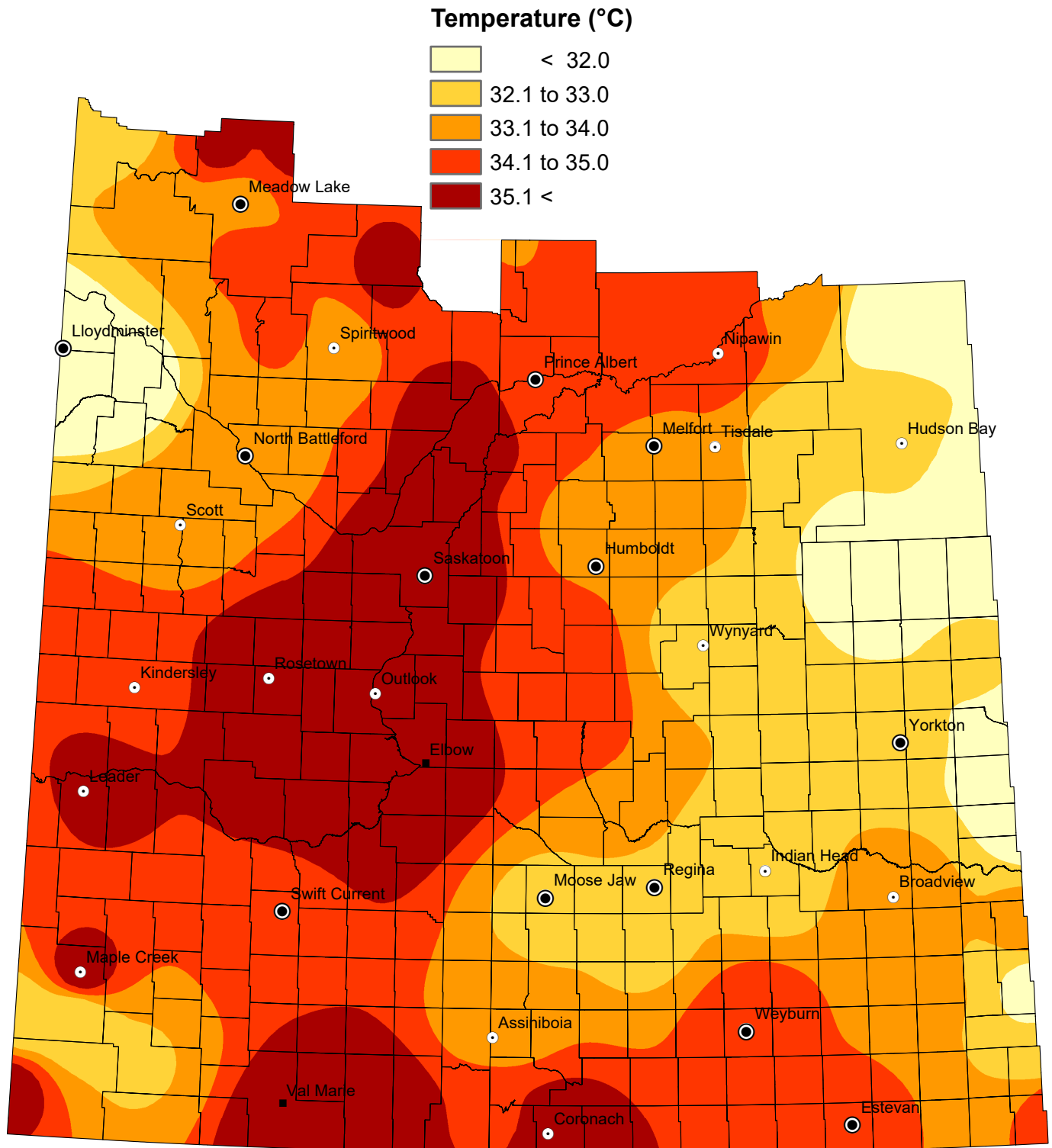
from July 13 to July 19, 2021



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Maximum Temperature

from July 13 to July 19, 2021



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.