

Crop Report

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For the Period August 1 to 7, 2017

Producers in the province have two per cent of the crop combined and three per cent swathed or ready to straight-cut, according to Saskatchewan Agriculture's weekly Crop Report. The five-year (2012-2016) average for this time of year is two per cent combined and two per cent swathed or ready to straight-cut.

Seventy-five per cent of the fall rye, 31 per cent of the winter wheat, 11 per cent of the field peas and 10 per cent of the lentils are now in the bin. Five per cent of the mustard and one per cent of the canola has been swathed.

Harvest is most advanced in the southwest, where six per cent of the crop is now combined. Producers in the southeast have four per cent combined, while many producers in the central and northern regions expect to be in the field in the coming weeks.

The majority of the province received rainfall last week that has replenished topsoil moisture and helped later-seeded crops fill. Rainfall ranged from trace amounts to 80 mm in the Turtleford area. There were reports of heavy downpours in some areas of the north that have flooded fields, roads and yards. While the rain has been welcomed in some areas, it is too late to be of benefit in more southern areas where crops are rapidly drying down.

Topsoil moisture conditions have slightly improved with the recent rainfall. Across the province, topsoil moisture on cropland is rated as two per cent surplus, 36 per cent adequate, 38 per cent short and 24 per cent very short. Hay land and pasture topsoil moisture is rated as two per cent surplus, 29 per cent adequate, 34 per cent short and 35 per cent very short.

One year ago

Harvest was underway in much of the province. Frequent rains were delaying both harvest and haying operations. Many areas received around 100 mm of rain in heavy downpours, causing crops to lodge and fields to flood.

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Harvest Progress Per cent Combined All Crops	
Aug 7/17	2
5 year avg. (2012-2016)	2
Aug 8/16	1
Aug 10/15	4
Aug 11/14	1
Aug 5/13	1
Aug 6/12	1
10 year avg. (2007-2016)	2

Estimated Provincial Hay Yields (tons/acre) - August 7, 2017		
	Dry land	Irrigated Land
Alfalfa	1.0	2.3
Brome/Alfalfa	1.0	2.0
Other Tame Hay	0.8	2.8
Wild Hay	0.9	1.1
Greenfeed	1.5	3.1

For further information, contact Shannon Friesen, PAg,
Cropping Management Specialist, Moose Jaw, Regional Services Branch,
Toll Free: 1-866-457-2377 or 306-694-3592, E-mail: cropreport@gov.sk.ca.
Also available on the Ministry of Agriculture website at www.saskatchewan.ca/crop-report.



Hay yields are below average overall. Estimated average dryland hay yields for the province are one ton per acre for alfalfa and alfalfa/bromegrass; 0.83 ton per acre for other tame hay and 1.5 tons per acre for greenfeed. Estimated average irrigated hay yields are 2.3 tons per acre for alfalfa; 2.0 tons per acre for alfalfa/bromegrass and 3.1 tons per acre for greenfeed.

Crop damage this past week is mainly attributed to hail, localized flooding, strong winds and lack of moisture. Producers continue to spray for bertha armyworms and diamondback moths in canola fields.

Producers are getting ready for harvest and hauling bales.

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 and Lake Alma areas

Harvest continues in the region as four per cent of the crop is now combined and three per cent is swathed or ready to straight-cut. The five-year (2012-2016) average for this time of year is one per cent combined and three per cent swathed or ready to straight-cut. Seventy-three per cent of the fall rye, 41 per cent of the winter wheat, 19 per cent of the lentils, 14 per cent of the field peas, three per cent of the oats and two per cent of the barley are now in the bin, while one per cent of the canola has been swathed.

Estimated Southeast Hay Yields (tons/acre) - August 7, 2017		
	Dry land	Irrigated Land
Alfalfa	0.9	N/A
Brome/Alfalfa	0.9	N/A
Other Tame Hay	0.7	N/A
Wild Hay	0.7	N/A
Greenfeed	1.1	N/A

Much of the region received much-needed rainfall last week, ranging from trace amounts to 40 mm in the Baildon area. The Glenavon area holds the record for the most precipitation (184 mm) in the region since April 1. Although the rain will help replenish the topsoil and fill out later-seeded crops, it will be of little benefit to those crops that are already drying down.

Topsoil moisture conditions have slightly improved thanks to the rain. Topsoil moisture on cropland is rated as 22 per cent adequate, 48 per cent short and 30 per cent very short. Hay land and pasture topsoil moisture is rated as 12 per cent adequate, 48 per cent short and 40 per cent very short. Despite the recent rain, Crop District 2A is still reporting that 100 per cent of cropland, hay land and pasture is very short topsoil moisture at this time, while CD 3ASE is reporting that 98 per cent of cropland, hay land and pasture is short to very short topsoil moisture.

Reported crop yields are anywhere from average to well-below average, while the quality of combined crops has been reported as good to excellent so far. The majority of crop damage is attributed to lack of moisture, strong winds, high temperatures and insects such as aphids. Producers continue to spray for diamondback moths in canola as economic thresholds are reached. Haying operations have generally wrapped up and reported yields are significantly lower than normal; there is a shortage of hay in much of the region.

Producers are busy combining, clearing bins for harvest and scouting for pests.

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

Harvest is underway in the region as six per cent of the crop is now combined and nine per cent is swathed or ready to straight-cut. The five-year (2012-2016) average for this time of year is three per cent combined and three per cent swathed or ready to straight-cut. Ninety-six per cent of the fall rye, 33 per cent of the winter wheat, 23 per cent of the field peas, 13 per cent of the lentils and one per cent of the mustard, durum and barley are now in the bin. Seven per cent of the mustard and four per cent of the canola have been swathed.

Estimated Southwest Hay Yields (tons/acre) - August 7, 2017		
	Dry land	Irrigated Land
Alfalfa	0.8	2.3
Brome/Alfalfa	0.8	1.7
Other Tame Hay	0.7	2.2
Wild Hay	0.8	1.9
Greenfeed	1.5	3.3

Many areas received much-needed rain that will replenish topsoil moisture and help fill out later-seeded crops. For many other crops in the region, however, the rain will be of little benefit as they are already drying down. Rainfall ranged from trace amounts to 30 mm in the Mortlach area. The Moose Jaw area holds the record for the most precipitation (162 mm) in the region since April 1.

Topsoil moisture conditions have slightly improved with the recent rain. Topsoil moisture on cropland is rated as 15 per cent adequate, 40 per cent short and 45 per cent very short. Hay land and pasture topsoil moisture is rated as eight per cent adequate, 33 per cent short and 59 per cent very short. All crop districts in the region continue to report that at least 93 per cent of cropland, hay land and pasture is short to very short topsoil moisture at this time. CDs 3BS, 4A and 4B report that 100 per cent of cropland, hay land and pasture is short to very short topsoil moisture.

Reported crop yields are anywhere from average to well-below average, while the quality of combined crops has been reported as good to excellent so far. Some producers have indicated that yields are significantly lower than was expected even a few weeks ago. The majority of crop damage is attributed to lack of moisture, strong winds, high temperatures and insects such as aphids and grasshoppers. Producers continue to spray for diamondback moths and bertha armyworms in canola as economic thresholds are reached. Haying operations have generally wrapped up and reported yields are significantly lower than normal; there is a shortage of hay in much of the region. Many producers are concerned about combine fires as fields remain severely dry.

Producers are busy combining, clearing bins for harvest and scouting for pests.

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

Some producers are in the field, but the majority expect to begin harvest by the end of the month. Four per cent of the winter wheat and two per cent of the lentils and field peas have now been combined. Pulses are being desiccated in some areas of the region. Producers have indicated that, at this time, crop yields will range from average to below average overall.

Estimated East-central Hay Yields (tons/acre) - August 7, 2017		
	Dry land	Irrigated Land
Alfalfa	0.9	N/A
Brome/Alfalfa	0.9	N/A
Other Tame Hay	0.8	N/A
Wild Hay	0.9	N/A
Greenfeed	1.5	N/A

Most areas received some welcome rain but more will be needed in the coming weeks to help fill later-seeded crops and replenish topsoil moisture. For some areas in the region, the rain will be of little benefit as crops are already drying down. Rainfall ranged from trace amounts to 30 mm in the Langenburg area. The Kelvington area holds the record for the most precipitation (253 mm) in the region since April 1.

Topsoil moisture conditions have slightly improved with the recent rain. Across the region, topsoil moisture on cropland is rated as one per cent surplus, 40 per cent adequate, 37 per cent short and 22 per cent very short. Hay land and pasture topsoil moisture is rated as 31 per cent adequate, 42 per cent short and 2 per cent very short. Crop District 6A is reporting that three per cent of the cropland and 40 per cent of the hay land and pasture are very short topsoil moisture at this time.

The majority of crop damage is attributed to lack of moisture, strong winds, hail and insects such as aphids, diamondback moths and bertha armyworms. Producers continue to spray for these insects as economic thresholds are reached. Haying operations have generally wrapped up and reported yields are lower than normal.

Producers are busy getting ready for harvest, scouting for pests and hauling bales.

West-Central Saskatchewan:

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

Some producers are busy in the field, while others expect to be harvesting within the next couple of weeks. Twenty-nine per cent of the fall rye, 23 per cent of the winter wheat and one per cent of the field peas are in the bin, while two per cent of the canola has been swathed. Producers have indicated that, at this time, crop yields will range from average to below average overall.

Estimated West-central Hay Yields (tons/acre) - August 7, 2017		
	Dry land	Irrigated Land
Alfalfa	0.8	2.4
Brome/Alfalfa	0.8	2.6
Other Tame Hay	0.7	3.0
Wild Hay	0.7	0.5
Greenfeed	1.7	3.0

Some areas in the region received rain last week that will help fill later-seeded crops and replenish topsoil moisture. For other crops, however, the rain is too late to be of benefit as they are already drying down. Rainfall ranged from trace amounts to 32 mm in the Dinsmore area. The Cando area holds the record for the most precipitation (257 mm) in the region since April 1.

Thanks to the rain, topsoil moisture has slightly improved. Topsoil moisture on cropland is rated as 29 per cent adequate, 49 per cent short and 22 per cent very short. Hay land and pasture topsoil moisture is rated as 28 per cent adequate, 37 per cent short and 35 per cent very short. Crop District 7A is reporting that 86 per cent of the cropland and 97 per cent of the hay land and pasture remain short to very short topsoil moisture at this time.

The majority of crop damage this past week was due to hail, strong winds, lack of moisture, localized flooding and insects such as diamondback moths, aphids and grasshoppers. Some producers continue to spray canola crops for bertha armyworms and diamondback moths as economic thresholds are met. Haying operations are wrapping up and yields are lower than normal.

Producers are busy getting ready for harvest, scouting for pests and cleaning out bins 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 develop in the region and some producers are expected to start harvest by the end of the month. Producers have indicated that, at this time, crop yields will be about average overall. However, there are some areas that could use some rain to help pods and heads fill, as crops have been heat stressed.

Estimated Northeast Hay Yields (tons/acre) - August 7, 2017		
	Dry land	Irrigated Land
Alfalfa	1.2	N/A
Brome/Alfalfa	1.5	N/A
Other Tame Hay	1.2	N/A
Wild Hay	1.5	N/A
Greenfeed	1.9	N/A

The majority of the region received some rainfall this past week that will help replenish topsoil moisture. Rainfall ranged from trace amounts to 26 mm in the Vonda area. The Nipawin area holds the record for the most precipitation (516 mm) in both the region and the province since April 1.

Topsoil moisture conditions have improved in some areas. Topsoil moisture on cropland is rated as three per cent surplus, 75 per cent adequate, 21 per cent short and one per cent very short. Hay land and pasture topsoil moisture is rated as two per cent surplus, 73 per cent adequate, 24 per cent short and one per cent very short.

Most crop damage this past week was due to strong winds, hail, localized flooding, lack of moisture and insects such as diamondback moths and bertha armyworms. Haying operations are wrapping up as weather permits; yields are about normal.

Producers are busy getting ready for harvest, scouting for pests and finishing haying.

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 are developing quickly in the region and most producers will be in the field by the end of the month. At this time, yields are expected to be about average overall; however, there are some areas that may see above-average yields due to timely moisture.

Some areas in the region received rain last week that will help fill later-seeded crops and replenish topsoil moisture. Other areas had heavy downpours that flooded fields and lodged crops. Rainfall ranged from trace amounts to 80 mm in the Turtleford area, although there are reports of areas around Edam receiving up to seven inches of rain in a short amount of time. The Pierceland area holds the record for the most precipitation (453 mm) in the region since April 1.

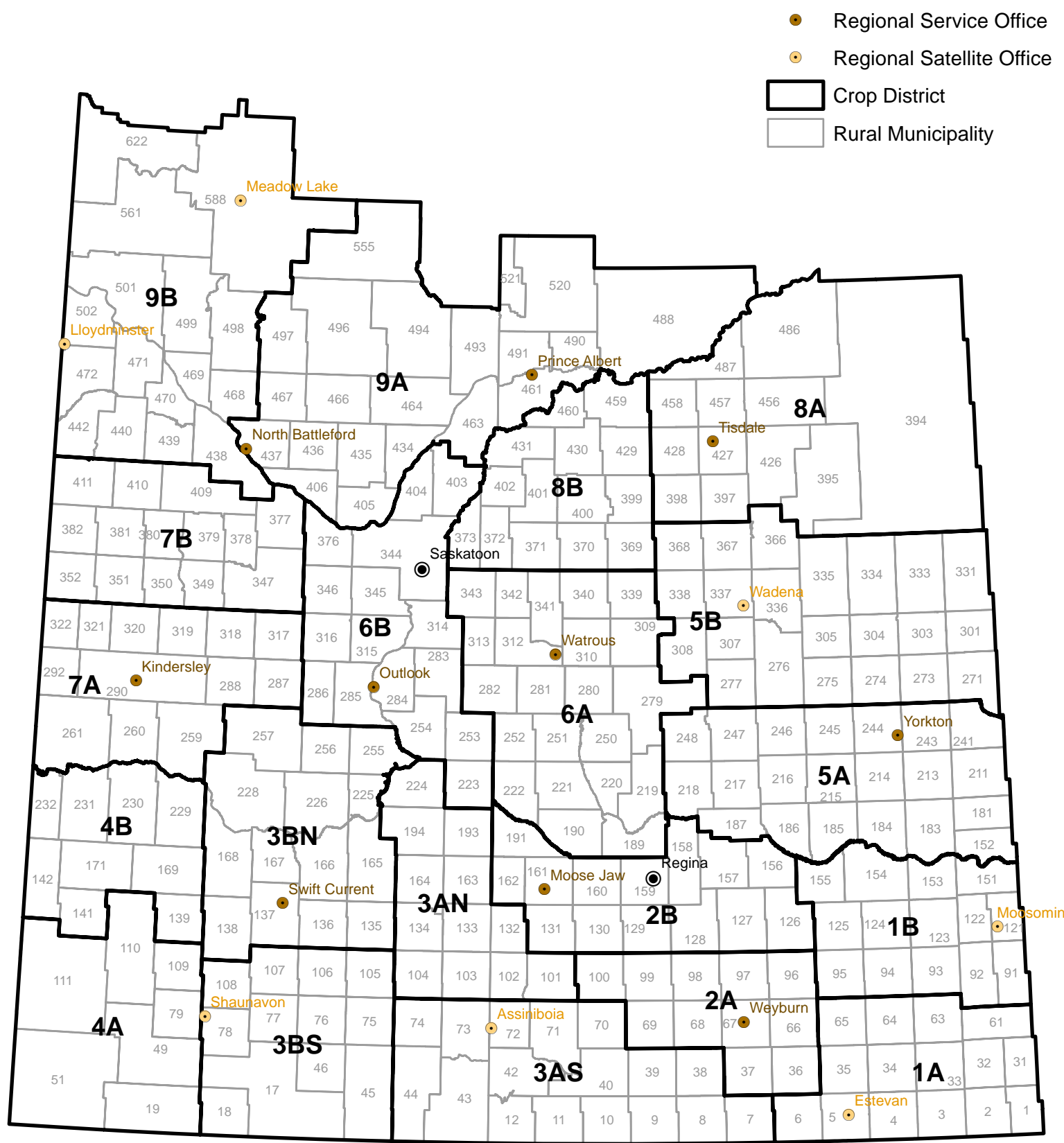
Estimated Northwest Hay Yields (tons/acre) - August 7, 2017		
	Dry land	Irrigated Land
Alfalfa	1.6	N/A
Brome/Alfalfa	1.4	N/A
Other Tame Hay	1.4	N/A
Wild Hay	1.2	N/A
Greenfeed	1.9	N/A

Topsoil moisture conditions on cropland are currently rated as 15 per cent surplus, 69 per cent adequate, 10 per cent short and six per cent very short. Hay land and pasture topsoil moisture is rated as 11 per cent surplus, 70 per cent adequate, 14 per cent short and five per cent very short. Crop District 9B is reporting that 20 per cent the cropland and 11 per cent of the hay land and pasture have surplus topsoil moisture at this time.

The majority of crop damage this past week was due to hail, strong winds, lack of moisture, localized flooding and insects such as diamondback moths, aphids and grasshoppers. Some producers continue to spray canola crops for bertha armyworms and diamondback moths as economic thresholds are met. Haying operations are wrapping up and yields are about normal.

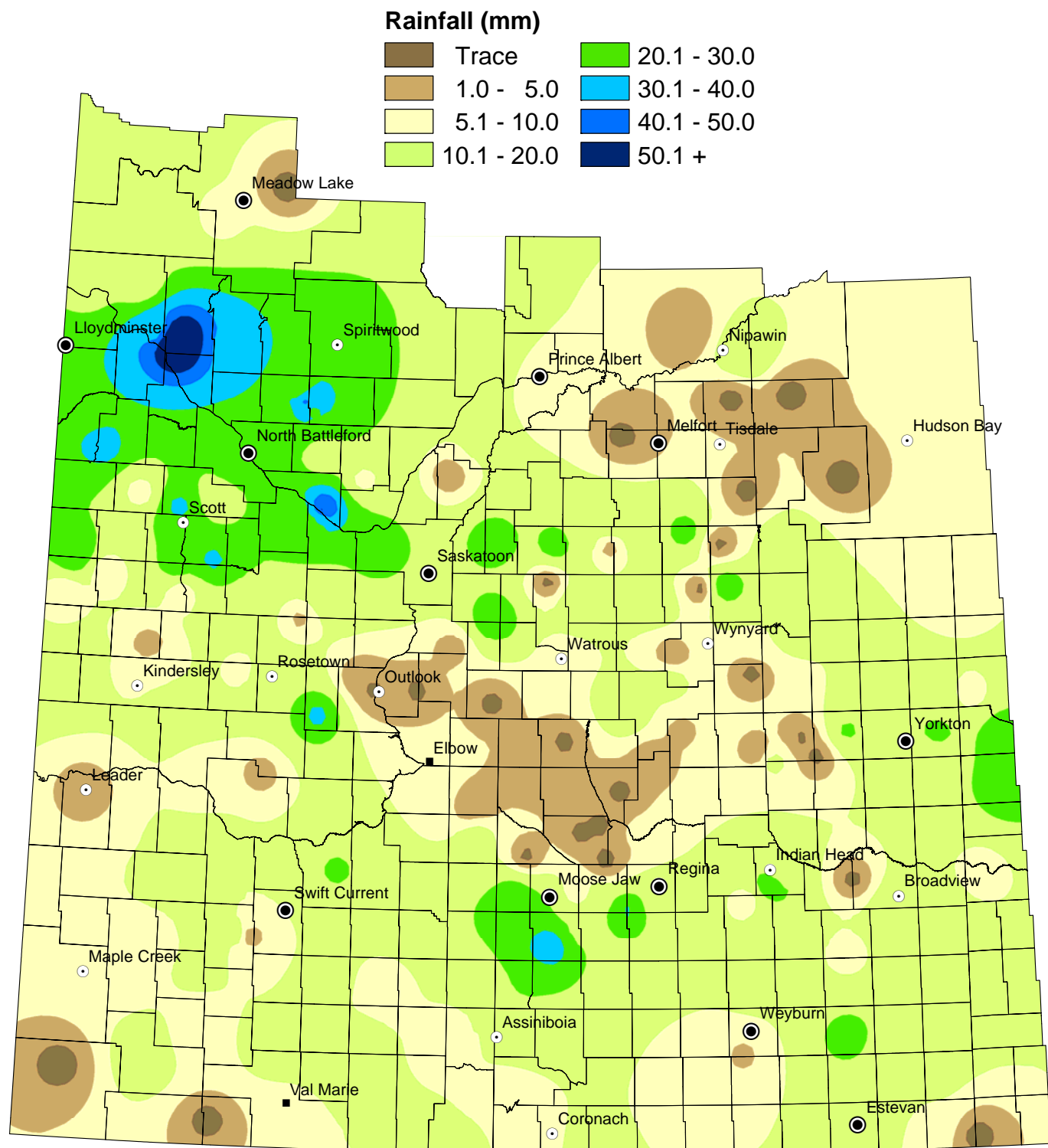
Producers are busy getting ready for harvest and hauling grain and bales.

Crop Districts and Rural Municipalities in Saskatchewan



Weekly Rainfall

from August 1 to August 7, 2017



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 August 1 to 7, 2017

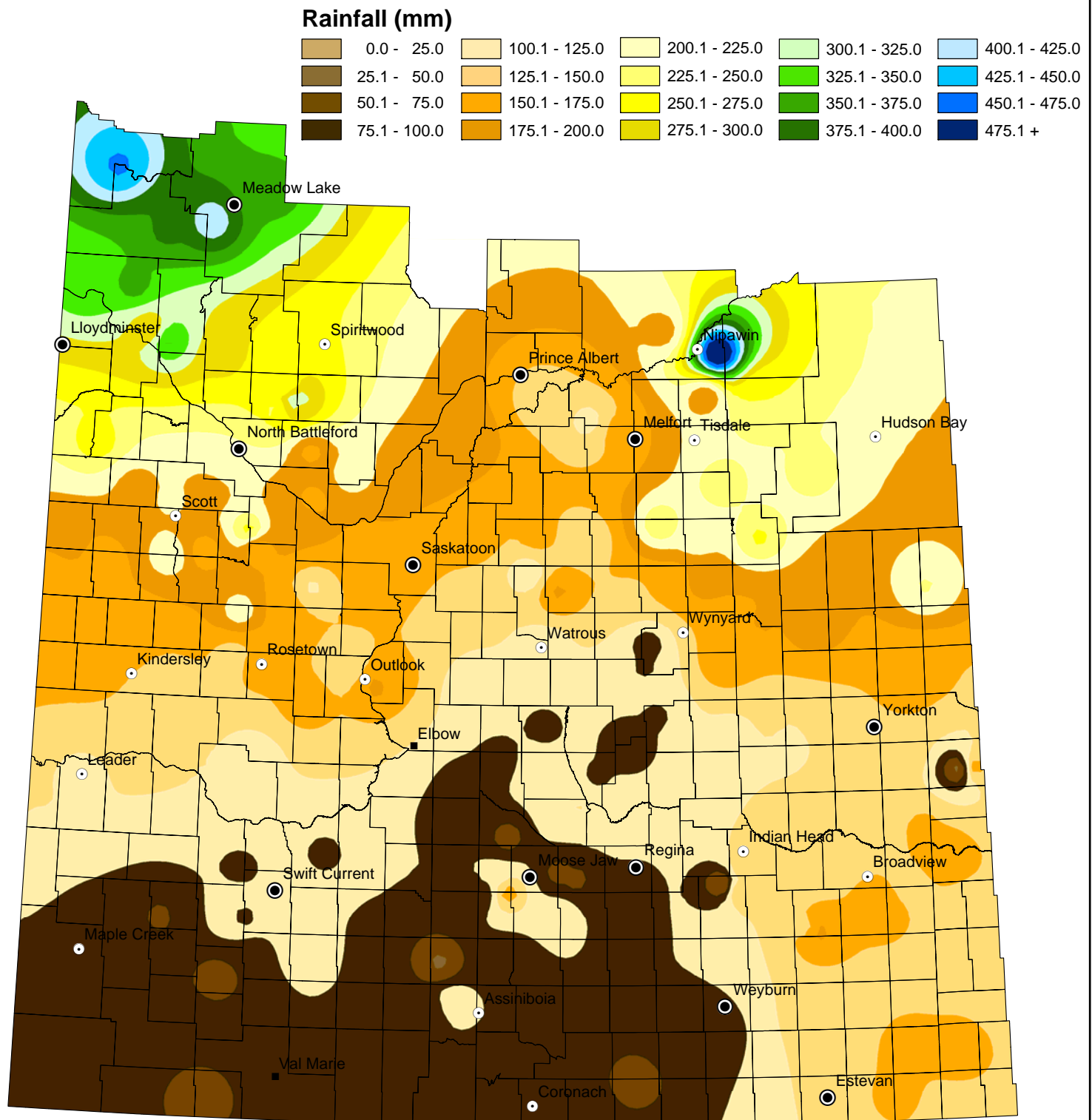
Crop Dist.	R.M. No.	Name	Past Week	Since 1-Apr	Crop Dist.	R.M. No.	Name	Past Week	Since 1-Apr	Crop Dist.	R.M. No.	Name	Past Week	Since 1-Apr	
1A	2	Mount Pleasant	NIL	141	4A	49	White Valley	16	92	7A	287	St. Andrews	17	156	
	3	Enniskillen	9	156		51	Reno	NIL	80.8		288	Pleasant Valley	7	136	
	31	Storchoaks	N/A	10		79	Arlington	8	86		290 A	Kindersley	14	125.7	
	32	Reciprocity	N/A	157		109	Carmichael	N/A	95		290 B	Kindersley	7	69.4	
	33	Moose Creek	12	161		110	Piapot	7	78.5		290 C	Kindersley	N/A	24	
	34	Browning	15	146		111	Maple Creek	10	84		292	Milton	16	150	
	61	Antler	N/A	108		4B	139 A	Gull Lake	20		96	317 A	Marriott	N/A	107
	64	Brock	14	142			139 B	Gull Lake	6		69.5	317 B	Marriott	4	161
	65	Tecumseh	25	143			169	Pittville	N/A		24	318	Mountain View	12	203
	91	Maryfield	10	150			231	Happyland	2		110	320 A	Oakdale	2.5	155
94	Hazelwood	17.8	141.9	183	Fertile Belt		N/A	153	320 B	Oakdale	5	164			
122	Martin	10	138	211 A	Churchbridge		30	161	321	Prairiedale	11	161			
123	Silverwood	17	142	211 B	Churchbridge		N/A	44	7B	347	Biggar	20	158		
124	Kingsley	15	166	213	Saltcoats		15	145		350 A	Mariposa	24.3	217.8		
125 A	Chester	10	141	241	Calder		26	125		350 B	Mariposa	6	163		
125 B	Chester	8	384	243	Wallace		22	120		351	Progress	5	157		
151	Rocanville	6	169	244	Orkney	N/A	149	352		Heart's Hill	5	150			
154 A	Elcapo	18	135	245 A	Garry	21	147	377		Glenside	24	189			
154 B	Elcapo	N/A	107	245 B	Garry	N/A	107	378		Rosemount	21	257			
155	Wolseley	NIL	140.9	245 C	Garry	NIL	129	379		Reford	32	161			
2A	67	Weyburn	4	91	246 A	Ituna Bon Accord	12	118		381	Grass Lake	N/A	92.5		
	68	Brokenshell	6	80	246 B	Ituna Bon Accord	0.5	131.8		382	Eye Hill	30	182.5		
	96	Fillmore	N/A	19	247	Kellross	2	115	409 A	Buffalo	10	188			
	97	Wellington	14	102	248	Touchwood	4	97	409 B	Buffalo	32	202			
2B	127 A	Francis	16.5	148.5	5B	271	Cote	7	156	8A	410	Round Valley	7	193.3	
	127 B	Francis	5	46.3		273	Sliding Hills	14	161		395	Porcupine	NIL	227	
	129	Bratt's Lake	20	87.5		277	Emerald	NIL	238.8		397	Barrier Valley	NIL	238.8	
	131 A	Baildon	19	117		305	Invermay	10	198		426	Bjorkdale	N/A	45	
	131 B	Baildon	40	158		307	Elfrs	9	160		428	Star City	N/A	207	
	156 A	Indian Head	14.9	130.4		308 A	Big Quill	1	89		456	Arborefield	NIL	250	
	156 B	Indian Head	30	151		308 B	Big Quill	14	84		457	Connaught	NIL	184	
	159	Sherwood	15	93		331	Livingston	6	226		486	Moose Range	N/A	249	
	160 A	Pense	6	56		335	Hazel Dell	N/A	112.5		487	Nipawin	20	515.5	
	160 B	Pense	17.7	68.2		336	Sasman	13	177		8B	369	St. Peter	18	127
161	Moose Jaw	31	96	337	Lakeview	27.5	193	370 A	Humboldt	3		130			
162	Caron	26	111	338	Lakeside	NIL	110	370 B	Humboldt	12		122			
191	Marquis	NIL	59	366	Kelvington	18	253	371	Bayne	25		157			
3ASE	38 A	Laurier	6	78.9	6A	367	Ponass Lake	NIL	135.4	372	Grant	26.1	161.5		
	38 B	Laurier	7	83		368	Spalding	24	246	400	Three Lakes	19	149		
39	The Gap	9	62	190 A		Dufferin	NIL	132	429 A	Flett's Springs	NIL	132			
3ASW	10	Happy Valley	12	83		190 B	Dufferin	NIL	168.5	429 B	Flett's Springs	1	169.5		
	12	Poplar Valley	6	84		190 C	Dufferin	NIL	111	459	Kinistino	N/A	111		
	42	Willow Bunch	8	86		190 D	Dufferin	NIL	125.7	460	Birch Hills	5.2	130.9		
	43	Old Post	11	92		219 A	Longlaketon	1	71	9AE	488	Torch River	1	191	
73 A	Stonehenge	NIL	67.9	219 B		Longlaketon	6	125	491		Buckland	N/A	140.5		
73 B	Stonehenge	10	124.5	220		McKillop	NIL	174	520		Paddockwood	N/A	174		
74	Wood River	NIL	1.3	221 A		Sarnia	2.3	124.4	521		Lakeland	N/A	91		
3AN	102	Lake Johnston	20.6	81.7	221 B	Sarnia	N/A	140.2	9AW	406	Mayfield	51	163		
	103	Sutton	N/A	47	222	Craik	1	84		435	Redberry	8	211		
	132 A	Hillsborough	23.5	76.5	251	Big Arm	NIL	154		436	Douglas	13	167		
	132 B	Hillsborough	30	162	252	Arm River	5	100		463	Duck Lake	11	273		
3BS	193	Eyebrow	15	79	279	Mount Hope	19.8	98.4	466	Meeting Lake	25	289			
	17	Val Marie	N/A	28.9	282	McCraney	NIL	220	467 A	Round Hill	28	248			
	18	Lone Tree	NIL	64	312	Morris	7	105.5	467 B	Round Hill	25	259			
	75	Pinto Creek	12	96	313	Lost River	N/A	123	467 C	Round Hill	46	334			
	76	Auvergne	N/A	66	339	Leroy	15	146.8	493	Shellbrook	9	33			
	77	Wise Creek	12	88	340	Wolverine	16	178	494	Canwood	N/A	230			
	78	Grassy Creek	7	85.5	341	Viscount	NIL	15.5	497	Medstead	59	74.5			
	105	Glenbain	6	84	343	Blucher	29	121	9B	438	Battle River	28	220		
	106	Whiska Creek	12	115	223 A	Huron	2	86		440	Hillsdale	33	259		
	107	Lac Pelletier	N/A	64.5	223 B	Huron	NIL	261.7		442	Manitou Lake	29	290.7		
108	Bone Creek	N/A	61	284 A	Rudy	NIL	282	498 A		Parkdale	N/A	282			
3BN	138 A	Webb	15	127	284 B	Rudy	4	179.5	498 B	Parkdale	38	237.5			
	138 B	Webb	NIL	90	284 C	Rudy	3	147	499	Mervin	80	352.1			
	165	Morse	N/A	126	285	Fertile Valley	1	130	501 A	Frenchman Butte	12	358			
	166	Excelsior	21	98	286	Milden	32	162	501 B	Frenchman Butte	34	279			
	168 A	Riverside	10	97	314	Dundurn	3	95	501 C	Frenchman Butte	16	342			
	168 B	Riverside	13.8	95	344	Corman Park	26	169	502	Britannia	N/A	233.5			
	226	Victory	N/A	51	346	Perdue	14	122	561	Loon Lake	13	378			
	228 A	Lacadena	7	125	376	Eagle Creek	28	187	588 A	Meadow Lake	NIL	358			
	228 B	Lacadena	N/A	6.5	403	Rosthern	2	180	588 B	Meadow Lake	7	413			
	257	Monet	3	104					622	Beaver River	11.2	452.2			

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

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

Cumulative Rainfall

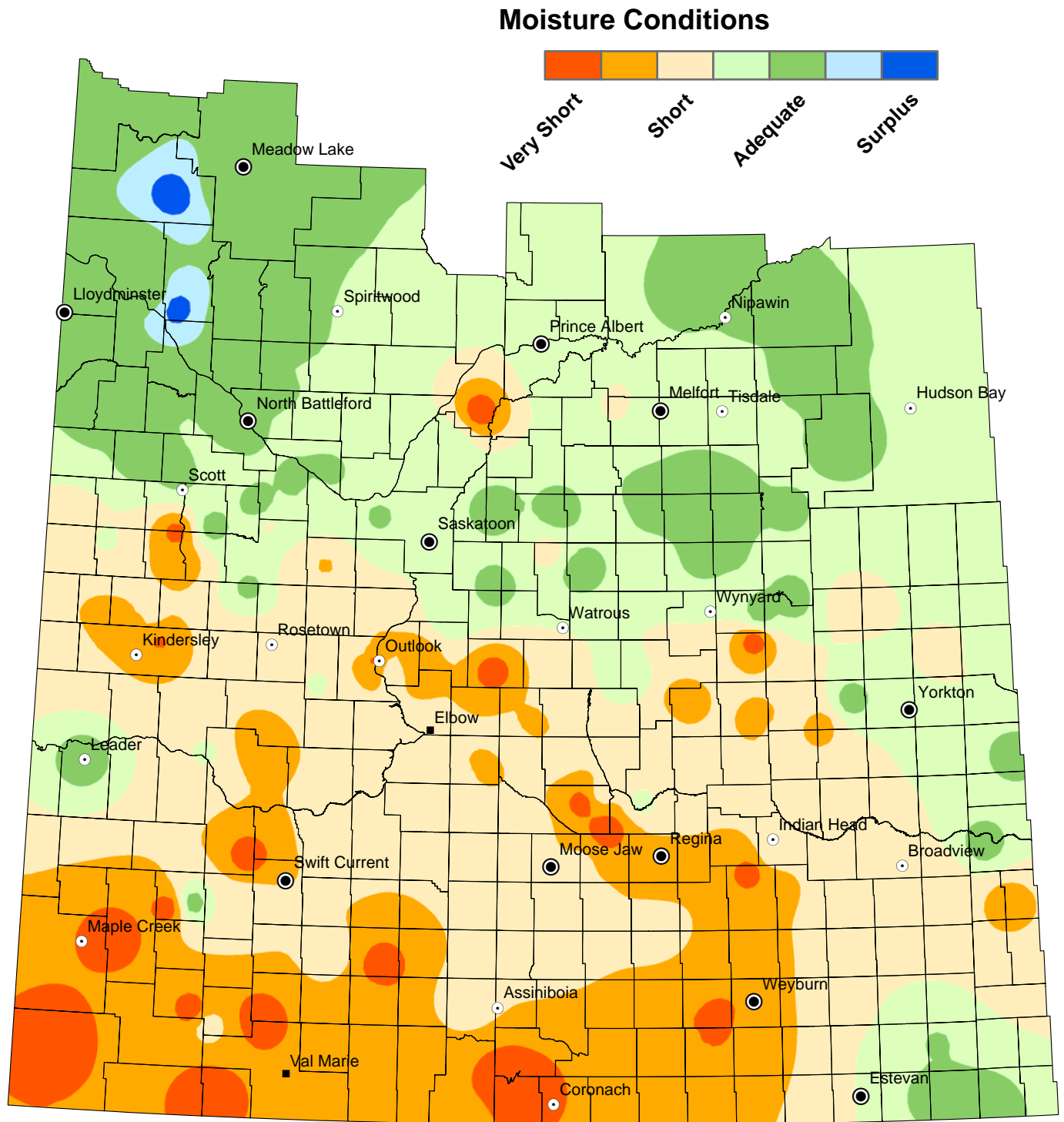
from April 1 to August 7, 2017



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.

Cropland Topsoil Moisture Conditions

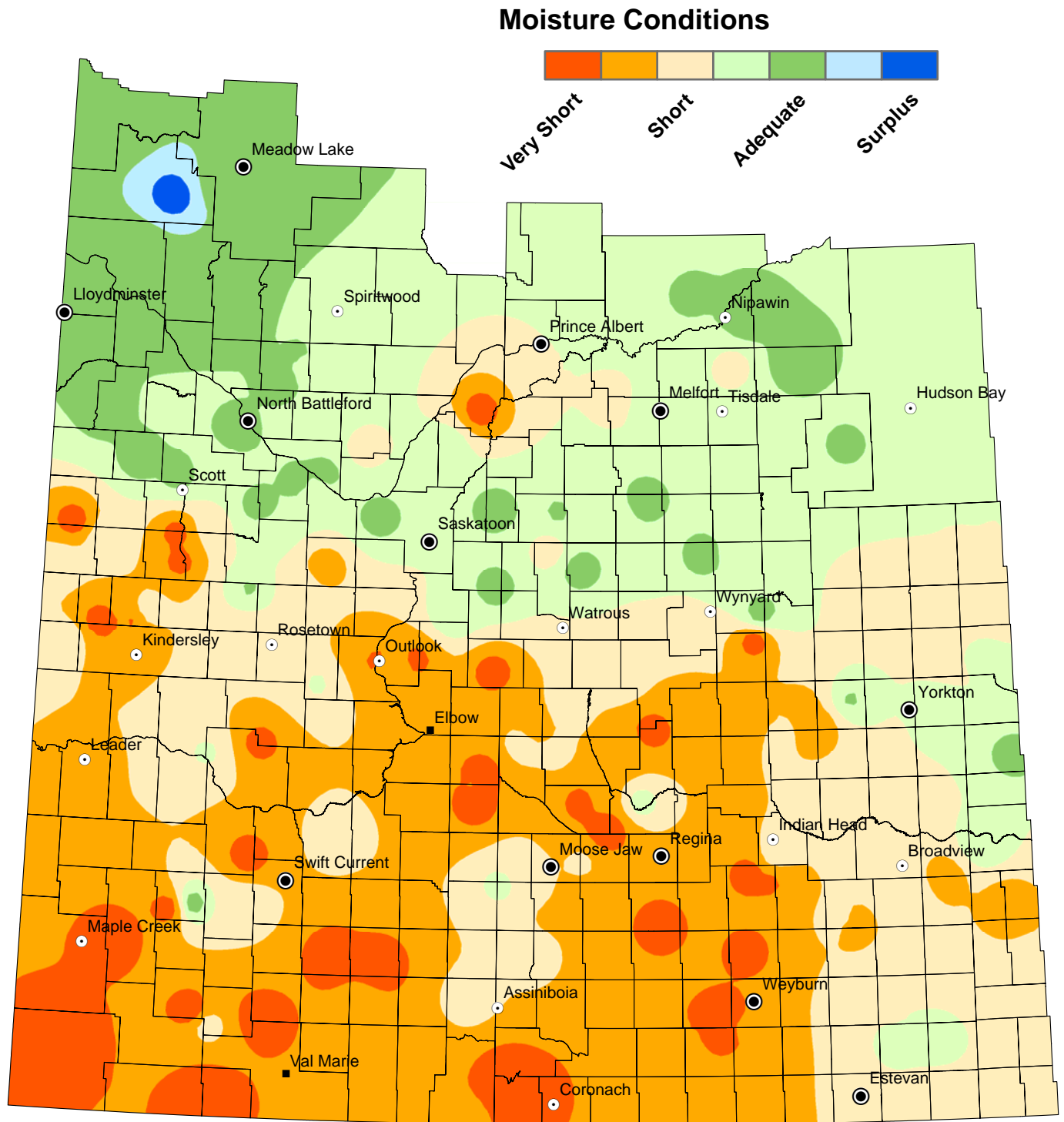
August 7, 2017



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Hay and Pasture Topsoil Moisture Conditions

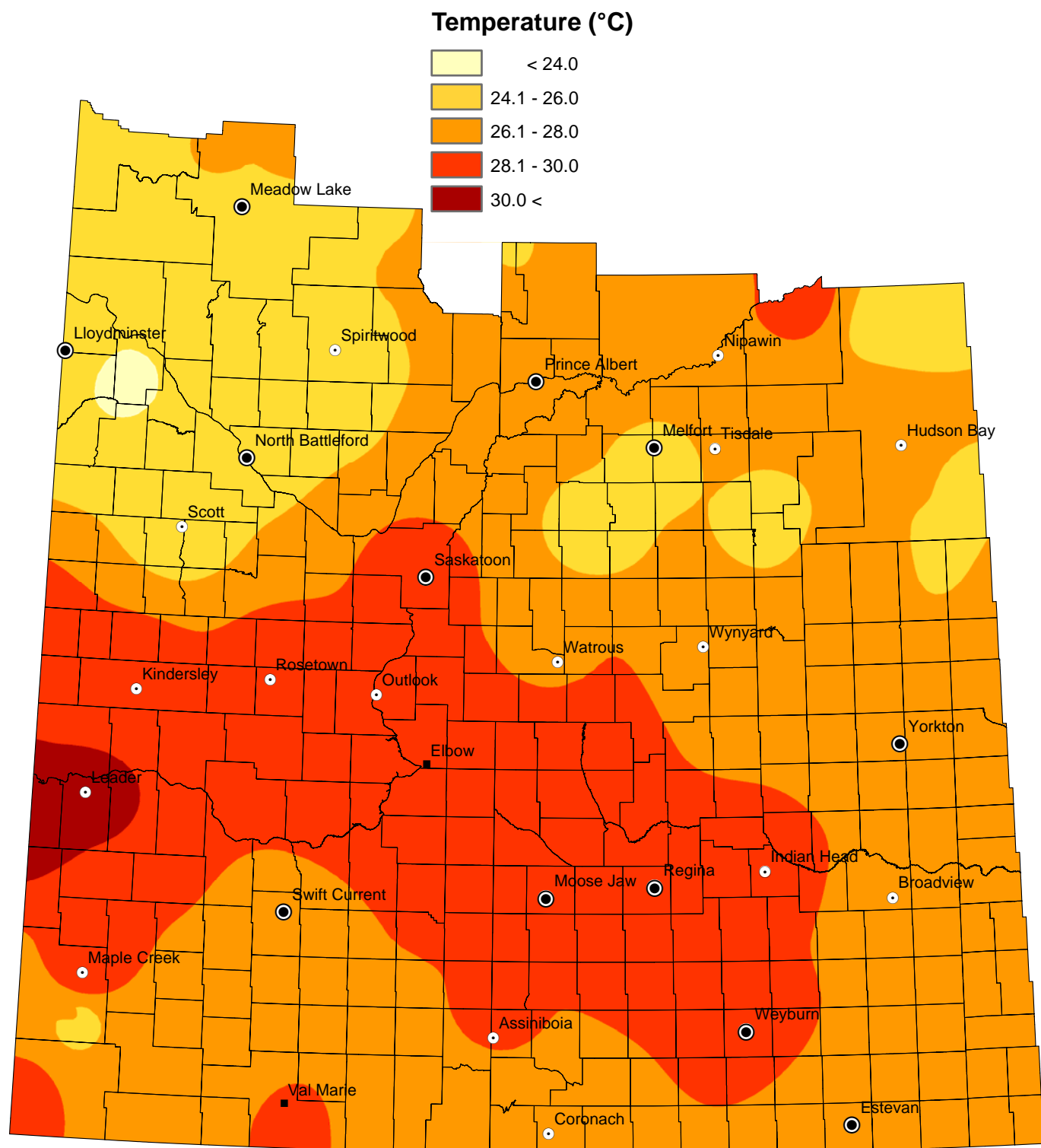
August 7, 2017



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Maximum Temperature

from August 1 to August 7, 2017



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