

Crop Report

For the Period October 10 to October 16, 2023

Published by the Ministry of Agriculture
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Harvest is virtually complete in Saskatchewan with 98 per cent of the crop in the bin. Producers were resilient this growing season. The warm, dry conditions led to an early harvest for many and there were some concerns related to water quality and feed access for livestock.

Once harvest began, producers in some areas were pleased to see yields better than expected. In many cases, harvest progressed smoothly with little interruption. Now that harvest is complete, producers are hoping for rain to replenish soil moisture for next year.

Crop yields varied throughout the province, depending heavily on the amount of moisture received. Yields in the southwest and west-central regions were below average due to sustained dry conditions. Some reported yields were better than expected, but overall, the majority of crop yielded below the 10-year average. Winter wheat and hard-red spring wheat were the only crops above the 10-year averages. The largest impact on yields this year was drought, heat stress, gophers and grasshoppers.

Average yields in the province are being estimated for all crops. Hard-red spring wheat is estimated to yield 43 bushels per acre, durum 24 bushels per acre, oats 82 bushels per acre, barley 56 bushels per acre and fall rye 36 bushels per acre. Flax is estimated to yield 18 bushels per acre, canola 33 bushels per acre and soybeans 17 bushels per acre. Field peas are estimated to yield 31 bushels per acre. Mustard is estimated to yield 636 lbs. per acre, lentils 1,101 lbs per acre, canary seed 982 lbs. per acre and chickpeas 858 lbs. per acre. All crops are estimated to be above the 10-year average for quality and to be in the top two categories for all crops.

Provincially, seeded acreage for fall cereals is expected to be relatively unchanged, with a slight reduction of one per cent for both fall rye and winter wheat. The southwest is expected to increase fall rye by 15 per cent and winter wheat by seven per cent. The west-central region is also expected to increase their fall cereal acres, with winter wheat expected to increase 14 per cent and fall rye by three per cent.

One year ago

Dry weather in September and October allowed producers a quick harvest in 2022. The dry harvest left soil moisture limited, and many producers hoped for lots of snow over the winter to help with seeding in the spring. Having battled some adverse conditions throughout the year, producers were happy to see harvest grain was within the top two quality categories.

Follow the 2023 Crop Report on Twitter @SKAgriculture

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



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Fall rains and heavy, wet snow are needed around the province as soil moisture continued to decline throughout the fall. Provincially, cropland topsoil moisture is 31 per cent adequate, 44 per cent short and 25 per cent very short. Hay and pastures are 27 per cent adequate for moisture, 43 per cent are short and 29 per cent are very short.

While producers were concerned about their winter feed supplies early in the growing season, many have secured feed from other parts of the province or neighbouring provinces and now have adequate supplies. Provincially, alfalfa yields are 1.22 tons per acre, brome/alfalfa is 1.19 tons per acre and greenfeed is 1.69 tons per acre. On irrigated land yields are higher, with alfalfa yielding 2.8 tons per acre and brome/alfalfa yielding 2.12 tons per acre. Silage yields are provincially at 7.0 tons per acre. Producers are reporting the hay and feed they have been able to source is mainly of good quality.

While harvest is over for many, fall work is still underway for producers. Where there is enough moisture, producers are applying fall fertilizer for next year and harrowing harvested crops. Livestock producers are hauling water for animals to ensure they have a safe water source, hauling feed and bringing cattle home for the winter. Fall calving is occurring on some operations. Producers are planning for next year and hoping soil moisture improves to start next year's growing season off well.

For any producers or their families experiencing stress, the Farm Stress Line is available support to toll free at 1-800-667-4442.

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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.

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Saskatchewan Agriculture has a group of just over 200 volunteer crop reporters from across the province. Thank you for your valued dedication to the crop report. In 2023, there are three crop reporters reaching their 25-year milestones, five reaching their 30-year milestones, five reached their 35-year milestones, and four reaching their 40-year milestones.
Congratulations!!

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Saskatchewan Harvest Progress - October 16, 2023

*Other - crop that will not be harvested due to weather, insect or disease damage or will be greenfeed or silage

Winter Wheat	% Standing	% In Swath	% Ready to Straight Combine	% Combined	% Other (greenfeed/silage)
Southeast	0.0	0.0	0.0	100.0	0.0
Southwest	0.0	0.0	0.0	100.0	0.0
East central	0.0	0.0	0.0	100.0	0.0
West central	0.0	0.0	0.0	100.0	0.0
Northeast	0.0	0.0	0.0	100.0	0.0
Northwest	NA	NA	NA	NA	NA
Provincial	0.0	0.0	0.0	100.0	0.0
Fall Rye	% Standing	% In Swath	% Ready to Straight Combine	% Combined	% Other (greenfeed/silage)
Southeast	0.0	0.0	0.0	100.0	0.0
Southwest	0.0	0.0	0.0	86.5	13.5
East central	0.0	0.0	0.0	100.0	0.0
West central	0.0	0.0	0.0	93.7	6.3
Northeast	0.0	0.0	0.0	100.0	0.0
Northwest	0.0	0.0	0.0	100.0	0.0
Provincial	0.0	0.0	0.0	96.0	4.0
Spring Wheat	% Standing	% In Swath	% Ready to Straight Combine	% Combined	
Southeast	0	0	0	100	
Southwest	0	0	0	100	
East central	0	0	0	100	
West central	0	0	0	100	
Northeast	0	0	0	100	
Northwest	0	0	0	100	
Provincial	0	0	0	100	
Durum	% Standing	% In Swath	% Ready to Straight Combine	% Combined	
Southeast	0	0	0	100	
Southwest	0	0	0	100	
East central	0	0	0	100	
West central	0	0	0	100	
Northeast	0	0	0	100	
Northwest	0	0	0	100	
Provincial	0	0	0	100	
Barley	% Standing	% In Swath	% Ready to Straight Combine	% Combined	% Other (greenfeed/silage)
Southeast	0.0	0.0	0.0	97.0	3.0
Southwest	0.0	0.0	0.0	88.0	12.0
East central	0.0	0.0	0.0	94.0	6.0
West central	0.0	0.0	0.0	97.0	3.0
Northeast	0.0	0.0	0.0	100.0	0.0
Northwest	0.0	0.0	0.0	NA	0.0
Provincial	0	0	0	96	4
Oats	% Standing	% In Swath	% Ready to Straight Combine	% Combined	% Other (greenfeed/silage)
southeast	0.0	0.0	0.0	95.0	5.0
southwest	0.0	0.0	0.0	88.0	12.0
east central	0.0	0.0	0.0	95.0	5.0
west central	0.0	0.0	0.0	95.0	5.0
northeast	0.0	0.0	0.0	95.0	5.0
northwest	0.0	0.0	0.0	87.0	13.0
Provincial	0.0	0.0	0.0	92.0	8.0

Canaryseed	% Standing	% In Swath	% Ready to Straight Combine	% Combined	
Southeast	0.0	0.0	0.0	100.0	
Southwest	0.0	0.0	0.0	100.0	
East central	0.0	0.0	0.0	100.0	
West central	0.0	0.0	0.0	100.0	
Northeast	0.0	0.0	0.0	100.0	
Northwest	NA	NA	NA	NA	
Provincial	0	0	5	93	
Flax	% Standing	% In Swath	% Ready to Straight Combine	% Combined	
Southeast	1.0	1.0	2.0	96.0	
Southwest	0.0	0.0	9.0	91.0	
East central	5.0	10.0	2.0	83.0	
West central	3.0	0.0	0.0	97.0	
Northeast	0.0	8.0	2.0	90.0	
Northwest	0.0	0.0	0.0	100.0	
Provincial	2	3	3	92	
Canola	% Standing	% In Swath	% Ready to Straight Combine	% Combined	
Southeast	2.0	0.0	2.0	96.0	
Southwest	0.0	0.0	0.0	100.0	
East central	0.0	4.0	4.0	92.0	
West central	0.0	0.0	0.0	100.0	
Northeast	0.0	0.0	2.0	98.0	
Northwest	0.0	0.0	2.0	98.0	
Provincial	1	2	7	90	
Mustard	% Standing	% In Swath	% Ready to Straight Combine	% Combined	
Southeast	0.0	0.0	0.0	100.0	
Southwest	0.0	0.0	0.0	100.0	
East central	0.0	0.0	0.0	100.0	
West central	0.0	0.0	0.0	100.0	
Northeast	NA	NA	NA	NA	
Northwest	NA	NA	NA	NA	
Provincial	0	0	0	100	
Soybeans	% Standing	% In Swath	% Ready to Straight Combine	% Combined	
Southeast	5.0	0.0	0.0	94.0	
Southwest	NA	NA	NA	NA	
East central	0.0	0.0	27.0	73.0	
West central	0.0	0.0	0.0	100.0	
Northeast	NA	NA	NA	NA	
Northwest	NA	NA	NA	NA	
Provincial	2	0	9	89	
Field Peas	% Standing	% In Swath	% Ready to Straight Combine	% Combined	
Southeast	0	0	0	100	
Southwest	0	0	0	100	
East central	0	0	0	100	
West central	0	0	0	100	
Northeast	0	0	0	100	
Northwest	0	0	0	100	
Provincial	0	0	0	100	
Lentils	% Standing	% in swath	% ready to straight combine	% combined	
Southeast	0	0	0	100	
Southwest	0	0	0	100	
East central	0	0	0	100	

West central	0	0	0	100	
Northeast	0	0	0	100	
Northwest	0	0	0	100	
Provincial	0	0	0	100	
Chickpeas	% Standing	% in swath	% ready to straight combine	% combined	
Southeast	0.0	0.0	0.0	100.0	
Southwest	0.0	0.0	0.0	100.0	
East central	0.0	0.0	2.0	98.0	
West central	0.0	0.0	0.0	100.0	
Northeast	0.0	0.0	1.0	99.0	
Northwest	NA	NA	NA	NA	
Provincial	0	0	1	99	

Provincial Estimated Crop Yields - October 16, 2023								
	Winter wheat	Fall rye	HRSW	Other wheat*	Durum	Oats	Barley	Canaryseed
Southeast	40.7	42.7	45.8	48.8	41.3	73.9	59.6	1221.0
Southwest	11.6	12.4	20.9	13.6	17.0	36.4	25.5	507.0
East Central	51.6	44.8	49.0	47.8	36.8	80.2	63.4	1739.0
West Central	10.0	15.4	33.1	27.2	21.0	52.6	42.2	700.0
Northeast	52.5	37.5	53.7	50.5	40.0	99.8	72.0	1231.0
Northwest	46.3	98.3	49.0	53.5	NA	92.8	67.9	NA
Provincial	44.1	36.1	42.6	43.5	23.8	82.0	55.6	982.0
10-Year Average (2013-2022)	40.0	37.0	42.0	46.0	36.0	84.0	61.0	1138.1
	Flax	Canola	Mustard	Soybeans	Pea	Lentil	Chickpea	
Southeast	21.5	31.2	1026.0	16.0	30.2	1632.0	1355.0	
Southwest	10.3	14.3	490.0	NA	25.1	845.0	605.0	
East Central	20.6	36.3	1461.0	32.0	38.4	1561.0	NA	
West Central	19.7	27.0	709.0	NA	27.3	1096.0	NA	
Northeast	22.7	46.2	1500.0	40.0	44.6	1500.0	1410.0	
Northwest	18.0	42.7	NA	NA	38.4	980.0	NA	
Provincial	18.0	33.2	636.0	17.0	31.4	1101.0	858.0	
10-Year Average (2013-2022)	23.0	35.0	947.5	25.0	35.0	1301.1	1278.9	

* 'Other wheat' includes all wheat classes other than Hard Red Spring Wheat

** Crop yield predictions at this point in time. Please keep in mind these are regional averages, and yields can vary greatly across an area

*** canaryseed, mustard, lentil and chickpea in lbs/ac. All other crops in bu/ac.

**** there is no 10-year provincial average for soybean and 'other wheat' as these categories were first reported in 2014

2023 Crop Grades - October 16, 2023

*10 year average is calculated from 2013 to 2022

	1CW	2 CW	3CW	CW feed
	Winter Wheat			
2013	42	45	10	3
2014	3	38	44	15
2015	36	45	17	2
2016	33	37	20	10
2017	76	19	5	0
2018	70	21	7	2
2019	23	34	26	17
2020	74	24	1	1
2021	62	25	9	4
2022	77	22	1	0
10 yr avg	50	31	14	5
2023	38	54	7	1

	1CW	2CW	3CW	4CW
	Oats			
2013	36	54	9	1
2014	10	62	23	5
2015	19	51	23	7
2016	13	59	18	10
2017	37	57	5	1
2018	32	53	11	4
2019	19	52	20	9
2020	40	48	7	5
2021	17	54	24	5
2022	41	51	8	1
10 yr avg	26	54	15	5
2023	36	57	5	2

	1CAN	2CAN	3CAN	Sample
	Mustard			
2013	86	13	1	0
2014	56	30	12	2
2015	80	18	2	0
2016	64	29	6	1
2017	87	13	0	0
2018	80	19	1	0
2019	75	15	10	0
2020	89	10	1	0
2021	64	13	23	0
2022	79	21	0	0
10 yr avg	76	18	6	0
2023	62	34	4	0

	1CW	2CW	3CW	CW feed
	Spring Wheat			
2013	57	32	9	2
2014	9	42	29	20
2015	26	41	23	10
2016	10	42	28	20
2017	77	20	3	0
2018	46	28	19	7
2019	13	35	28	24
2020	67	26	5	2
2021	49	37	11	2
2022	74	22	3	1
10 yr avg	43	33	16	9
2023	59	35	5	1

	1CW	2 CW	3CW	Sample
	Rye			
2013	53	42	4	1
2014	10	72	12	6
2015	40	53	6	1
2016	65	27	5	3
2017	88	9	3	0
2018	9	91	1	0
2019	48	23	20	9
2020	60	36	3	1
2021	39	40	21	0
2022	56	39	4	2
10 yr avg	47	43	8	2
2023	62	34	4	0

	1 CAN	2CAN	3CAN	4&5CAN
	Soybeans			
2014	33	41	19	7
2015	39	49	10	2
2016	50	41	8	1
2017	38	59	2	1
2018	41	34	17	8
2019	39	48	13	0
2020	46	39	9	6
2021	28	59	13	0
2022	72	27	1	0
2023	29	70	1	0

*2014 is the first year the Crop Report included soybeans

	1CW	2 CW	3CW	Other (4&5)
	Durum			
2013	21	34	34	11
2014	2	13	37	48
2015	20	40	25	15
2016	4	14	34	48
2017	72	23	4	1
2018	51	23	16	10
2019	12	26	33	29
2020	58	28	8	6
2021	39	36	21	4
2022	52	36	10	2
10 yr avg	33	27	22	17
2023	46	36	16	2

	1CW	2 CW	3CW	Sample
	Flax			
2013	91	8	1	0
2014	71	21	7	1
2015	73	23	3	1
2016	64	27	7	2
2017	89	10	1	0
2018	78	20	2	0
2019	50	28	19	3
2020	86	12	2	0
2021	71	24	4	1
2022	87	10	1	2
10 yr avg	76	18	5	1
2023	83	16	1	0

	1CAN	2CAN	extra 3 &/or 3 CAN	Sample
	Lentils			
2013	35	54	11	0
2014	5	32	53	10
2015	21	54	24	1
2016	4	38	45	13
2017	52	44	4	0
2018	37	51	11	1
2019	18	49	27	6
2020	37	58	5	0
2021	32	54	13	1
2022	36	56	8	0
10 yr avg	28	49	20	3
2023	29	60	10	1

	Malt	1CW	2CW & Sample
	Barley		
2013	36	53	11
2014	19	51	30
2015	22	56	22
2016	26	42	32
2017	51	42	7
2018	36	46	18
2019	18	48	34
2020	40	56	4
2021	19	56	25
2022	40	51	9
10 yr avg	30	50	20
2023	30	54	16

	1CAN	2CAN	3CAN	Sample
	Canola			
2013	92	7	1	0
2014	74	20	5	1
2015	80	14	4	2
2016	79	14	5	2
2017	91	8	1	0
2018	79	14	4	3
2019	70	19	8	3
2020	84	14	2	0
2021	79	17	4	0
2022	89	9	2	0
10 yr avg	81	14	4	1
2023	83	13	4	0

	1CAN	2CAN	Extra 3 &/or 3 CAN	Sample
Field Peas				
2013	36	61	3	0
2014	13	68	17	2
2015	36	55	8	1
2016	27	60	11	2
2017	61	36	3	0
2018	46	51	3	0
2019	30	58	10	2
2020	48	50	2	0
2021	34	57	9	0
2022	48	46	6	0
10 yr avg	37	55	7	1
2023	46	50	3	1

	1CW	2 CW	3CW	Sample
	Chickpea			
2013	46	44	10	0
2014	13	47	37	3
2015	72	19	8	1
2016	10	36	41	13
2017	78	22	0	0
2018	58	37	4	1
2019	27	38	12	23
2020	63	33	4	0
2021	38	49	11	2
2022	51	43	6	0
10 yr avg	45	36	14	5
2023	50	49	1	0

Estimated Provincial Hay Yields (tons/acre) - October 16, 2023

Provincial		
	Dry land	Irrigated Land
Alfalfa	1.2	2.8
Brome/Alfalfa	1.2	2.1
Other Tame Hay	1.0	2.4
Wild Hay	0.9	1.7
Greenfeed	1.7	N/A

Southeast		
	Dry land	Irrigated Land
Alfalfa	1.5	N/A
Brome/Alfalfa	1.5	N/A
Other Tame Hay	1.1	N/A
Wild Hay	1.0	N/A
Greenfeed	1.8	N/A

Southwest		
	Dry land	Irrigated Land
Alfalfa	0.6	
Brome/Alfalfa	0.6	
Other Tame Hay	0.6	N/A
Wild Hay	0.4	
Greenfeed	1	N/A

East-central		
	Dry land	Irrigated Land
Alfalfa	1.4	N/A
Brome/Alfalfa	1.4	N/A
Other Tame Hay	1.1	N/A
Wild Hay	1.1	N/A
Greenfeed	1.9	N/A

West-central		
	Dry land	Irrigated Land
Alfalfa	0.7	2.2
Brome/Alfalfa	0.7	N/A
Other Tame Hay	0.5	N/A
Wild Hay	0.6	N/A
Greenfeed	1.1	N/A

Northeast		
	Dry land	Irrigated Land
Alfalfa	1.9	N/A
Brome/Alfalfa	1.9	N/A
Other Tame Hay	1.7	N/A
Wild Hay	1.2	N/A

Greenfeed	2.0	N/A
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Northwest		
	Dry land	Irrigated Land
Alfalfa	1.7	N/A
Brome/Alfalfa	1.4	N/A
Other Tame Hay	1.2	N/A
Wild Hay	1.0	N/A
Greenfeed	2.5	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

Early rains and moisture gave crops and pastures in the southeast a reservoir to pull from during the high temperatures this summer. While the moisture delayed seeding, many producers were happy to have it during the growing season and it led to higher yields in the area. Although moisture meddled with progress at times, harvest is now completed in the southeast with 98 per cent of the crop off for the year.

Yields in the southeast are generally higher than the provincial averages; regions that received early moisture and timely rains benefitted from that moisture. The majority of crops are rated as top quality in the region, with few crops being in the second quality category. The main decrease in quality was due to insect damage and drought conditions.

Precipitation this year was scattered throughout the region, with the amounts varying between 104 mm to 325 mm in the southeast. Topsoil moisture is evenly spread across the different moisture categories. Thirty-eight per cent of cropland has adequate topsoil moisture, 30 per cent is short and 32 per cent is very short. Similarly, four per cent of hay and pasture have a surplus of moisture, 34 per cent have adequate moisture, 31 per cent is short and 32 per cent is very short. Many producers are hoping for fall rains and heavy snowfall this winter to help with topsoil moisture before this spring.

With the limited fall moisture being seen in the region, fall seeded cereals are not being seeded right now, and the region is anticipating a decrease in winter wheat (six per cent) and fall rye (five per cent) this year.

Hay is of good to excellent quality this year, with alfalfa yielding an average 1.46 tons per acre, alfalfa/brome yielding 1.5 tons per acre and greenfeed yielding 1.84 tons per acre. Average silage yield is 6.3 ton per acre across the region. With the feed supplies in for the year, producers are now reporting that they have an adequate supply of feed for the winter.

Producers are busy working their fields before the ground freezes, applying fall fertilizers, post-harvest herbicides and controlling weed populations before the spring. Livestock producers are also working cattle, hauling feed, weaning calves and marketing cattle.

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

It was another tough year for producers in the southwest. With very few rain events in the region, drought in the southwest limited crop and pasture production this year. Some producers in the region are remarking on the number of years it's been since they've had a big rain. Producers in the southwest were able to both seed and harvest their crops ahead of the rest of the province this year. Despite the growing conditions, producers were still pleased with the yields they were able to maintain this year. With the combines put away,

many producers are hoping for lots of rain and snow to help replenish the depleted soil moisture levels.

Crop yields in the region are less than half that of the provincial averages with the depleted soil moisture levels taking their tolls on seeded crops. The majority of crops are within the top-quality two quality ratings.

Minimal moisture was received this year, with the overall precipitation ranging from 104 mm to 282 mm. Topsoil moisture for the region has been depleted this year. Producers are hoping rain and snow can help fill the soil moisture levels before the next growing season. Thirteen per cent of cropland has adequate topsoil moisture, 50 per cent is short, and 37 per cent is very short. Eleven per cent of hay and pasture have adequate topsoil moisture, 52 per cent is short, and 37 per cent is very short.

The dry conditions this year have caused producers to closely look at their feed supplies and have forced some producers to source feed from other regions. The majority of producers feel their winter feed supplies are adequate, but some are still facing shortages. Producers are now anticipating an increase in their fall cereal acres in the hopes of ensuring feed availability next year. This year, hay was of good to poor quality, with alfalfa yielding 0.56 tons per acre, brome/alfalfa yielding 0.64 tons per acre and greenfeed yielding 1.03 tons per acre. Irrigated hay yielded better, with alfalfa yielding 3.2 tons per acre, and brome/alfalfa yielding 2.1 tons per acre. Silage yielded 3.6 tons per acre.

With the crops off and the combines away, producers are working their fields to control weed populations, harrowing and rock picking. Producers are also hauling feed and water to livestock, marketing their animals and preparing for winter.

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 were delayed getting into the fields this spring due to consistent moisture. That moisture proved imperative during the high heat of the summer and gave the region a step up in both yields and grades of crops. Throughout harvest the moisture continued into the fall, causing many combines to frequently pause. Harvest is virtually completed for most in the region with 94 per cent of the crop now off. Once their final acres are harvested, producers in the region are hoping for the rain to continue to help with soil moisture in the spring.

Early moisture and timely rains during the growing season helped the east-central region achieve some of the best yields in the province this year. Yields in the region are above the provincial averages, and the majority of crops are above the 10-year provincial averages. The majority of all crops are within the top two categories for quality.

The East-Central region received the most rain in general this year, accumulating between 133 to 366 mm depending on location within the region. Topsoil moisture is reflecting this, with 38 per cent of cropland having adequate moisture, 47 per cent is short, and 14 per cent is very short. Hay and pastures are very similar, with 35 per cent having adequate topsoil moisture, 43 per cent are short and 22 per cent are very short.

Hay yields within the region benefitted from the moisture as well, with brome yielding 1.4 tons per acre, brome/alfalfa yielding 1.36 tons per acre and greenfeed yielding 1.92 tons per acre. The hay is generally in good quality, and depending on location can be excellent or poor. Although producers are generally pleased with their winter feed supply there is significant variation in the region, some producers have a surplus of feed and others are facing shortages. The region is also anticipating a decrease of 15 per cent of fall rye to be seeded this year. Projected winter wheat acres remain unchanged.

Producers are busy wrapping up their last few fields, drying grain, and working their fields before the ground freezes. Producers are also marketing grain and livestock and preparing for winter overall.

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 extremely dry conditions continued this year in the west-central region. Many producers watched as their early seeded crops matured and were harvested well ahead of normal timelines. Producers in the region were pleasantly surprised with the yields they were able to achieve this year with such limited soil moisture. With the combines having been put away for a few weeks now, producers in the area are happy to put 2023 behind them and are hoping for a better 2024.

The limited moisture greatly hindered crop production this year. Crop yields in the west-central are well below the provincial averages for the year, and also below the 10-year averages for the province. While yields are hindered, quality still remains high for harvested grain, and the majority of crops are being marketed in the top-quality category, while others are in the second category for quality. Crop down grading is mostly due to drought conditions taking its toll during kernel establishment and insect damage.

Producers are desperately hoping for rain this fall before the ground freezes, a wet winter, and a slow thaw next spring to keep the moisture in the soil and not running off. The west-central received the least rain in the province this year, with rainfall ranging from 111 to 257 mm in the region. Topsoil moisture is limited in the region, with 11 per cent of cropland having adequate moisture, 57 per cent short, and 33 per cent very short. Hay and pastures are equally limited; four per cent have adequate moisture, 52 per cent are short, and 44 per cent are very short.

Livestock producers are closely evaluating their feed supplies for this winter, and while some feel as though they will have enough for the winter, a third of producers in the region are facing shortages. While generally of good quality, hay yields in the region were impacted by the drought; alfalfa yielded 0.70 tons per acre, brome/alfalfa yielded 0.72 tons per acre, and greenfeed yielded 1.07 tons per acre. Irrigated land yielded better overall, with alfalfa yielding 2.20 tons per acre and brome/ alfalfa yielding 2.20 tons per acre. Silage yielded 4.20 tons per acre. Producers are increasing their winter wheat and fall rye acres this year in the hopes of producing more feed next year.

Farmers are busy hauling bales, picking rocks, harrowing and conducting other miscellaneous farm chores.

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

Producers in the northeast are remarking on an overall dry year, although soil moisture levels are not quite limiting yet. Harvest has wrapped up in the majority of the region, with only a few late maturing crops left standing. With the early season moisture and periodic rains throughout the growing season, many producers are pleased with the 2023 growing season overall.

Crop yields in the northeast are showing the benefits of sustained moisture this year. Producers are reporting crop yields above both the provincial average and the provincial 10-year average. The region was able to obtain the best yields this year with the moisture they received. Quality for the crops is within the top two categories for all crops. In some cases, crops were downgraded because of crop disease and insect damage. Sooty moulds moved into the region resulting in downgrading of harvested crops in some instances.

Moisture varied within the region, depending on location rainfall amounts were between 59 mm and 338 mm. Topsoil moisture is the least limited within the province, with 80 per cent of cropland having adequate moisture, 19 per cent is short and one per cent is very short. One per cent of hay and pastures have a surplus of moisture, 74 per cent have adequate moisture, 24 per cent are short and one per cent is very short.

Producers in the northeast are generally pleased with their overall winter feed supplies, and some have a surplus of hay, straw, and feed grain. Alfalfa hay fields yielded 1.94 tons per acre, brome/alfalfa yielded 1.93 tons per acre and green feed yielded 2.11 tons per acre. Average silage yield was reported at 7 tons per acre. Hay is of good quality overall. With some producer increasing the amount seeded, there is a projected three per cent increase of winter wheat acres in the region.

Producers are busy drying and marketing grain, performing fall operations on their fields and preparing machinery for winter. Producers are also marketing livestock and moving their animals home.

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 have finished harvest with remarkable speed this year. Many producers in the region are content with the 2023 cropping season overall. Many were able to enter the field early this year due to a dry spring. Some significant rain events moved through the region, and while causing some hail damage, many producers were

happy with the moisture overall. Having put the combines away for the year, producers are now working cattle and their fields.

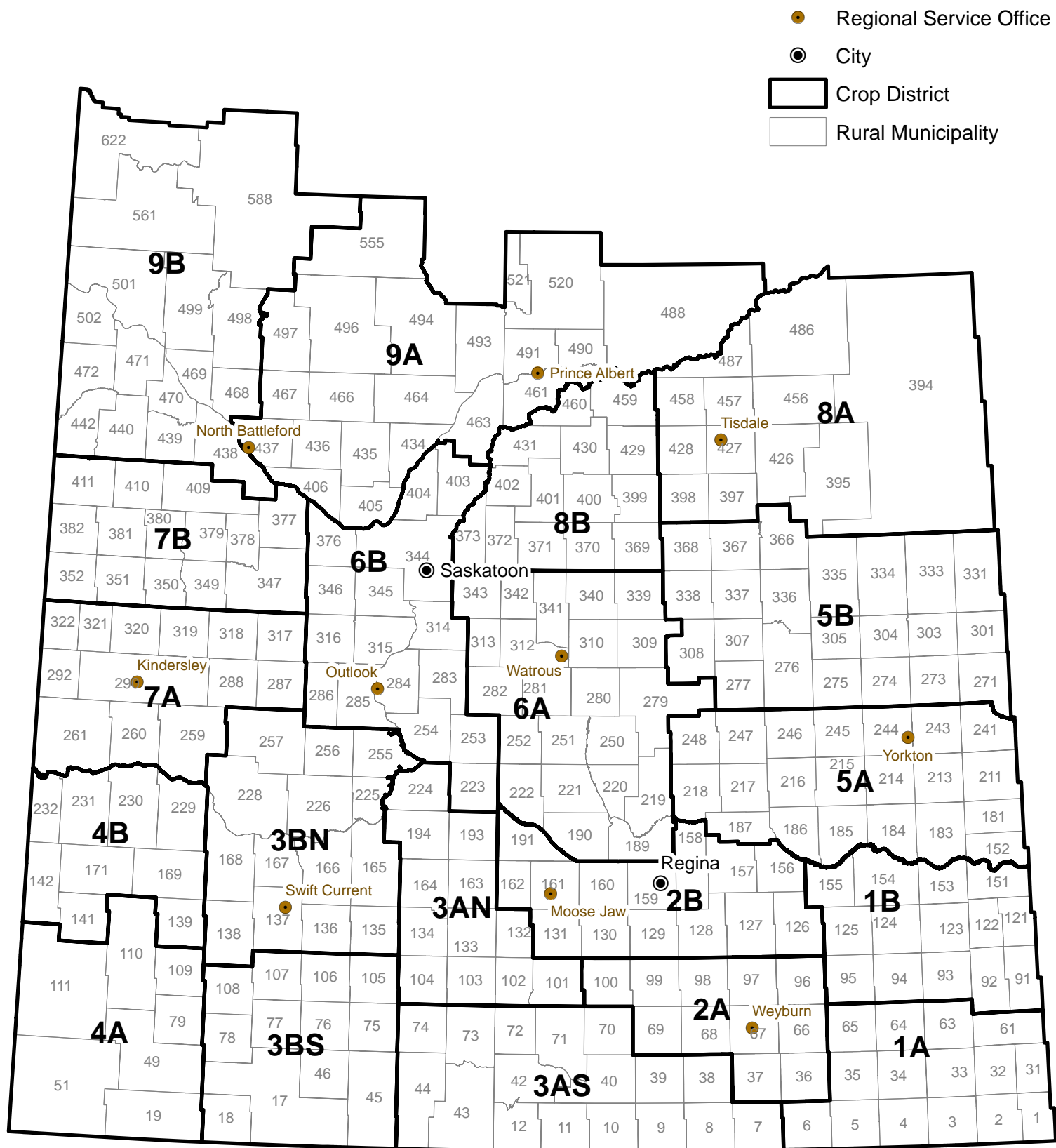
Crops in the northwest benefitted from the timely rains that moved through the region, and yields are now at or above the provincial average for the year. The majority of crops are also above the 10-year provincial yield averages. While crops are being marketed in all quality categories, the majority of crops are within the top two categories for the year. Crop damage was due to plant disease affecting seed quality, insect damage, and drought damage resulting in light kernels.

The northwest received varying levels of moisture this year. Depending on the exact location within the region, there was between 106 to 381 mm received this year. Topsoil moisture is beginning to show the effects of reduced moisture, with 27 per cent of cropland having adequate moisture, 52 per cent is short, and 21 per cent is very short. Twenty-six per cent of hay and pastures have adequate topsoil moisture, 46 per cent are short, and 28 per cent are very short for moisture.

The majority of producers are comfortable with their feed supply going into the winter this year. Generally, hay in the region is reported as good quality and yielding sufficient levels. Alfalfa yielded 1.72 tons per acre, brome/alfalfa yielded 1.44 tons per acre and greenfeed yielded 2.52 tons per acre. Silage yielded 6.33 tons per acre. Producers are also expecting to increase their winter wheat acres this year by approximately eight per cent.

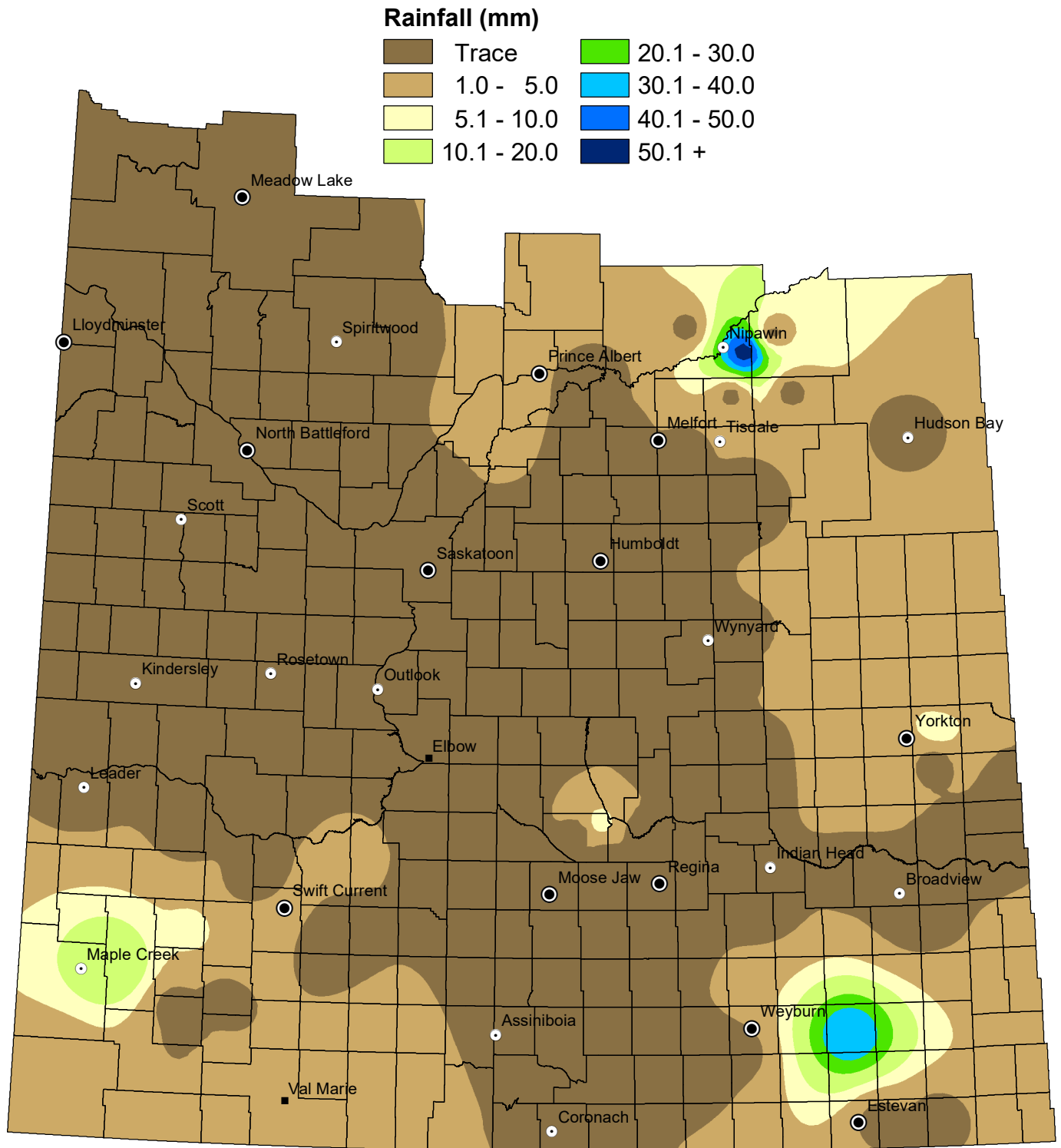
Farmers are busy harrowing, applying fertilizer, hauling bales, fixing fences and moving cattle home.

Crop Districts and Rural Municipalities in Saskatchewan



Weekly Rainfall

from October 10 to October 16, 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.

2023 Rainfall Summary

in mm

RM		April	May	June	July	Aug	Sept	Oct 1-16	Total Yr Precip
2		21	87	37	5	39	17	46	252
3		43	54	25	0	96	45	32	295
4		26	84	51	11	61	17	46	296
10		52	27	45	26	26	10	2	188
32		12	95	34	N/A	34	15	N/A	190
38	A	29.1	28.8	32.4	8.8	24.6	5.6	13.4	142.7
38	B	50	26	70	10	27	9	15	207
51		4.318	45	50.4	20.1	13.2	22.4	10.4	165.818
65		10	40	11	0	10	10	45	126
67		60	63	33	N/A	7	4	20	187
68		61	32	87	2	14	4	19	219
73	A	26	18	37	22	32	45	N/A	180
73	B	9	N/A	N/A	N/A	N/A	N/A	N/A	9
74		28	27	37	20	26	37	N/A	175
75		28.5	34.5	25	5	10	17	6	126
78		10	27	24	11	28	51	2	153
79	A	24	45	50	25	39	42	12	237
79	B	10	60	64	N/A	29	54	N/A	217
100		70	58	61	14	29	17	N/A	249
102		49	31	83	4	26	31	5	229
106	A	55	51	39	15	24	37	17	238
106	B	44	56	36	13	24	47	N/A	220
108		26	48	27	3	22	39	0	165
110		0	45	25	13	0	25	20	128
122		45	76	25	5	42	30	42	265
123		30	32	34	17	69	20	43	245
124		26	32	36	17	60	32	43	246
125	B	40	15	83	34	49	39	54	314
127	A	51.5	50.8	105.7	36.9	42.7	13.7	19.3	320.6
129		60	46	64	7	28	11	12	228
131		40	41	53	12	27	13	8	194
132	B	92	23	52	42	26	30	10	275
138		39	44	15	102	31	27	20	278
139		20	37	35	10	45	6	33	186
151		23	41	29	19	63	19	61	255
154	A	14	36	57	15	52	9	87	270
155		45	44	50	18	65	20	8	250
156	B	40	16	81	37	60	18	N/A	252
159	A	30	66	60	16	30	13	2	217
160		20	12	48	36	35	18	N/A	169
161	A	50	28	47	21	26	34	3	209

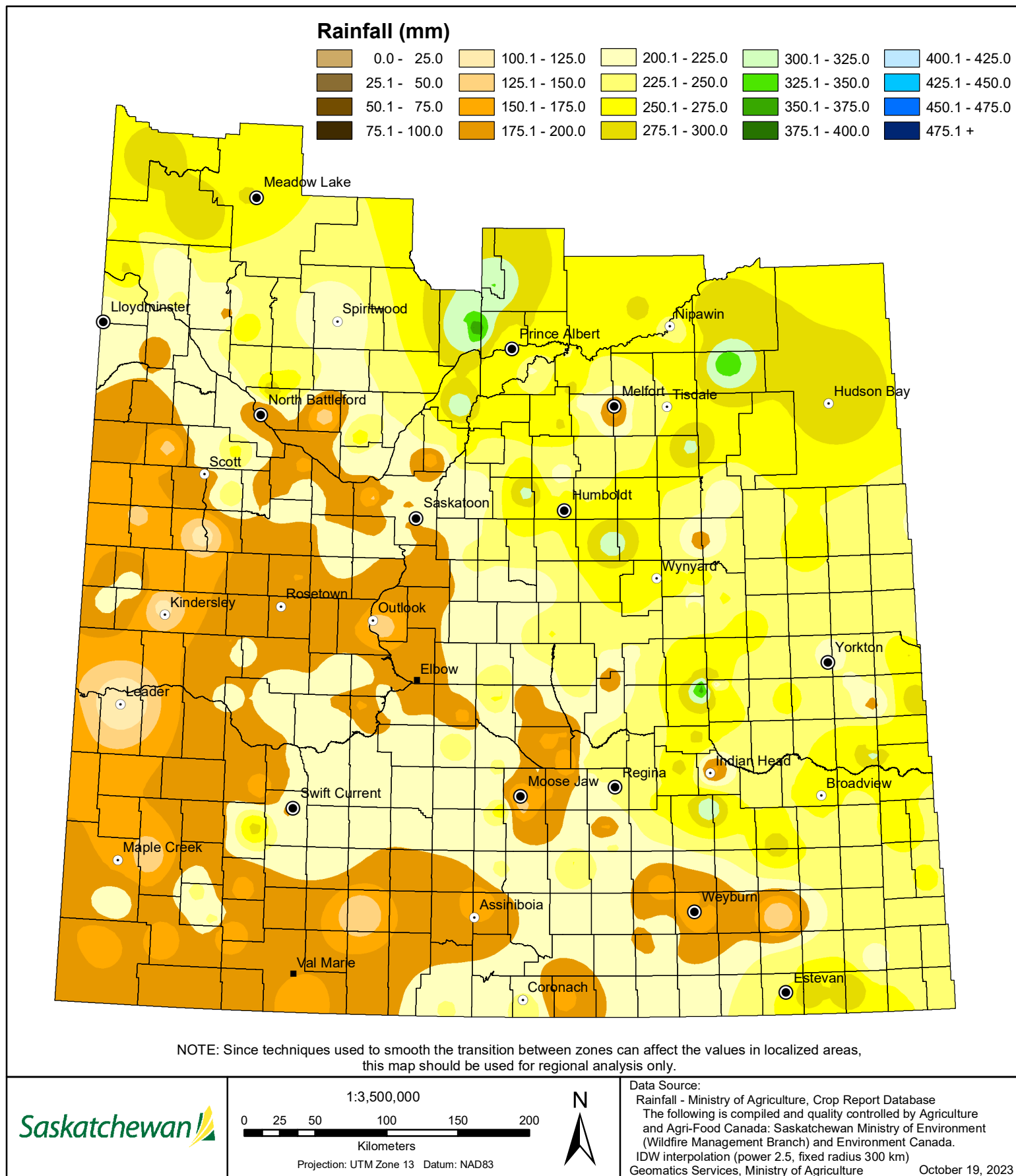
162	A	90	22	32	28	18	22	5	217
162	B	33	72	54	27	32	15	N/A	233
165		41	13	93	13	10	23	5	198
168	A	20	23	15	8	62	34	N/A	162
168	B	19	6	25	28	39	N/A	N/A	117
181		16	17	55	6	107	50	2	253
183	A	29	27	75	16	111	24	66	348
190	A	23	10	57	16	42	12	13	173
190	B	41.5	18	58	0	41	7	2.5	168
190	C	29	16	48	8	49	13	3	166
190	D	N/A	29	45	N/A	49	18	N/A	141
193		18	37	79	26	74	5	4	243
211		31	15	113	17	66	19	33	294
213		23	17	54	24	74	13	30	235
215		15	67	95	12	57	N/A	9	255
216		N/A	36	112	N/A	7	3	N/A	158
216	B	20	5	63.5	1	75	7.5	0	172
217		53	22	111	15	126	13	25	365
219	A	11	35	69	15	42	7	0	179
219	B	5	44	88	20	41	11	14	223
221		24	19.4	55.3	20.6	52.2	10	9.7	191.2
222		49	63	79	15	75	1	15	297
223	A	23	27	36	3	77	1	1	168
228		8	27	67	20	40	17	26	205
229		13	30	27	32	43	30	8	183
231		2	33	18	16	19	0	16	104
241		23	13	127	14	58	13	28	276
243		35	1	15	49	68	16	8	192
245	A	49	19	71	18	51	14	16	238
245	B	31	17	54	16	68	27	12	225
246	A	145.5	75.5	13	79	8	8	6	335
246	B	21	20	74	6	79	2	N/A	202
247		21	24	156	N/A	64	5	25	295
248		4	23	69	19	89	9	10	223
251		N/A	45	60	20	82	N/A	10	217
257		8	N/A	N/A	N/A	N/A	N/A	N/A	8
273		31	28	45	4	21	4	20	153
275		29	7	87	10	23	3	N/A	159
277	A	26	11	89	17	87	22	20	272
277	B	12	4	50	3	61	4	26	160
279		27	34.1	50.6	34.5	131.5	16	7	300.7
282		14	46	35	18	67	15	6	201
284	A	17	20	34	3	34	20	10	138
285		23	29	36	13	53	24	9	187

286		13	9	81	14	40	0	31	188
287		2	53	N/A	26	31	26	N/A	138
288		10	41	50	19	54	15	13	202
290		0	17.5	44	28.8	12.1	25.7	5.5	133.6
292		5	78	41	62	13	8	N/A	207
301		21	31	32	6	41	N/A	2	133
307		19	22	78	8	108	13	11	259
308	A	16	22	116	21	90	5	5	275
314		15	13	35	28	66	21	10	188
317	A	7	109	58	23	38	N/A	N/A	235
317	B	N/A	45	48	22	31	20	8	174
320	A	8.5	25.5	72	13.9	27.2	11	0	158.1
320	B	11	8	36	54	29	23	4	165
321		14.5	39	39	71	29	21	3	216.5
331		14	49	56	6	97	3	13	238
334		18	N/A	N/A	N/A	N/A	N/A	N/A	18
337		N/A	14	70	20	88	N/A	N/A	192
339		43.2	51.2	112.8	32.4	85.8	13	10	348.4
343		20	32.5	33.25	9	106.5	10.7	23	234.95
344		17	35	16	20	36	6	14	144
346		0	55	30	10	42	7.5	15	159.5
347		13	40	59	22	48	13	11	206
350		1	9	50	12	26	6	7	111
351		5	24	51	33	32	1	N/A	146
366		16	38	21	27	97	3	12	214
367		18	46	71	28	88	N/A	N/A	251
369		28	62	26	12	95	10	12	245
370	A	24	46	53	21	100	13	9	266
371		37	49	74	39	76	21	12	308
371	B	22	30	71	36	69	33	24	285
372		19.2	22.4	47.4	14.8	69.2	18	16	207
376		30	33	53	14	27	20	5	182
377		18	26	50	18	35	5	13	165
378		17	31	54	23	28	5	15	173
382		3	45	33	45	5	18	3	152
394		20	43	64	60	79	14	8	288
395		24	77	18	54	97	2	14	286
397	A	53.2	39.8	71.2	71.4	74.8	18.2	29.8	358.4
397	B	N/A	4	50	2	2	2	N/A	60
400		40	36	56	21	128	24	19	324
403	A	16.5	48.5	38	65	53	1	25	247
403	B	16	57	41	N/A	20	8	20	162
405		N/A	73	N/A	N/A	30	N/A	N/A	103
409	A	N/A	30	93	67	47	7	13	257

409	B	7	65	70	28	38	8	3	219
410		0	0	92.5	30	17.5	0	0	140
428		24	68	47	34	83	0	32	288
429		12	29	31	15	69	16	30	202
430		14	35	52	43	83	35	16	278
435		26	58	39	44	64	16	13	260
436		5	35	28	15	18	33	10	144
437		N/A	13	82	6	4	N/A	N/A	105
440		8	11	117.5	42	19.5	2.5	N/A	200.5
442		1	10	75	13	N/A	N/A	N/A	99
456		17	75	49	89	69	20	19	338
457		9	64	13	N/A	74	N/A	N/A	160
459		20	50	41	42	87	32	20	292
460		12	44	35	35	55	21	18	220
461		11	43	35	80	49	15	18	251
463		10	39	78	80	93	0	21	321
466		17	21	36	43	35	6	9	167
467	A	22	42	39	53	49	30	25	260
467	B	14	21	34	40	31	6	8	154
486		19.5	50	34	96	55	16.5	26	297
487		13	46	N/A	N/A	15	N/A	55	129
488		0	56	33	54	64	48	7	262
491		N/A	45	40	N/A	N/A	N/A	N/A	85
493		7	57	110	154	38	12	20	398
497		11	10	63	13	26	12	N/A	135
498		17	3	135	34	69	13	4	275
499	A	13	7	58	51	72	13	10	224
499	B	19.26	25.25	80.14	35.4	53.25	18.75	0	232.05
501	A	4	10	59	32	72	24	2	203
501	C	11	19	143	37	54	13	N/A	277
502		N/A	47	142	14	57	N/A	N/A	260
520		45	8	24	70	68	N/A	N/A	215
521		45	9	24	70	68	N/A	N/A	216
561		9	24	75	56	105	28	1	298
588		22	83	56	113	37	7	N/A	318
622		4.5	2	111	51.5	96	21	0	286
259		7	44	43	30	20	23	8	173

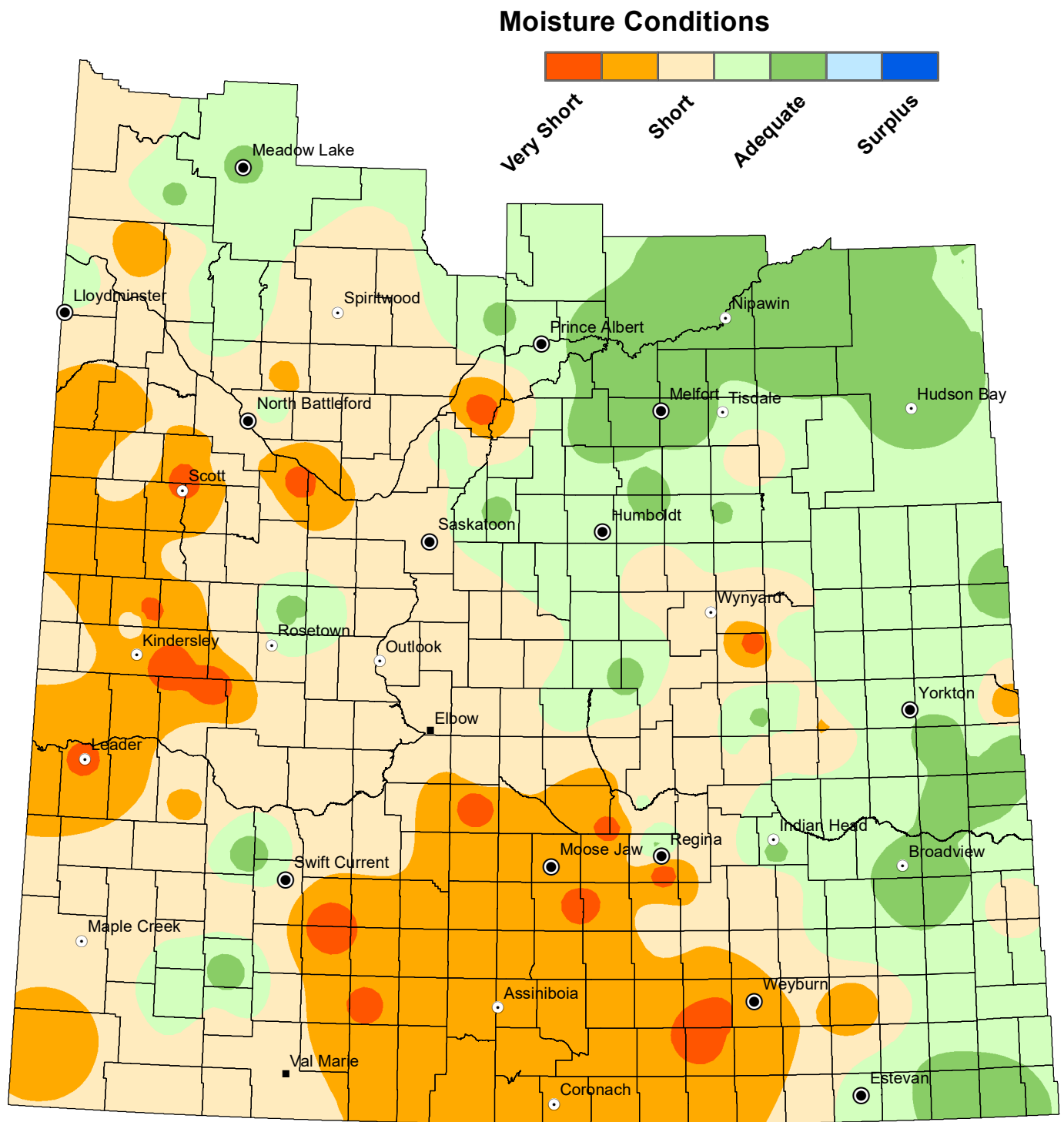
Cumulative Rainfall

from April 1 to October 16, 2023



Cropland Topsoil Moisture Conditions

October 16, 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



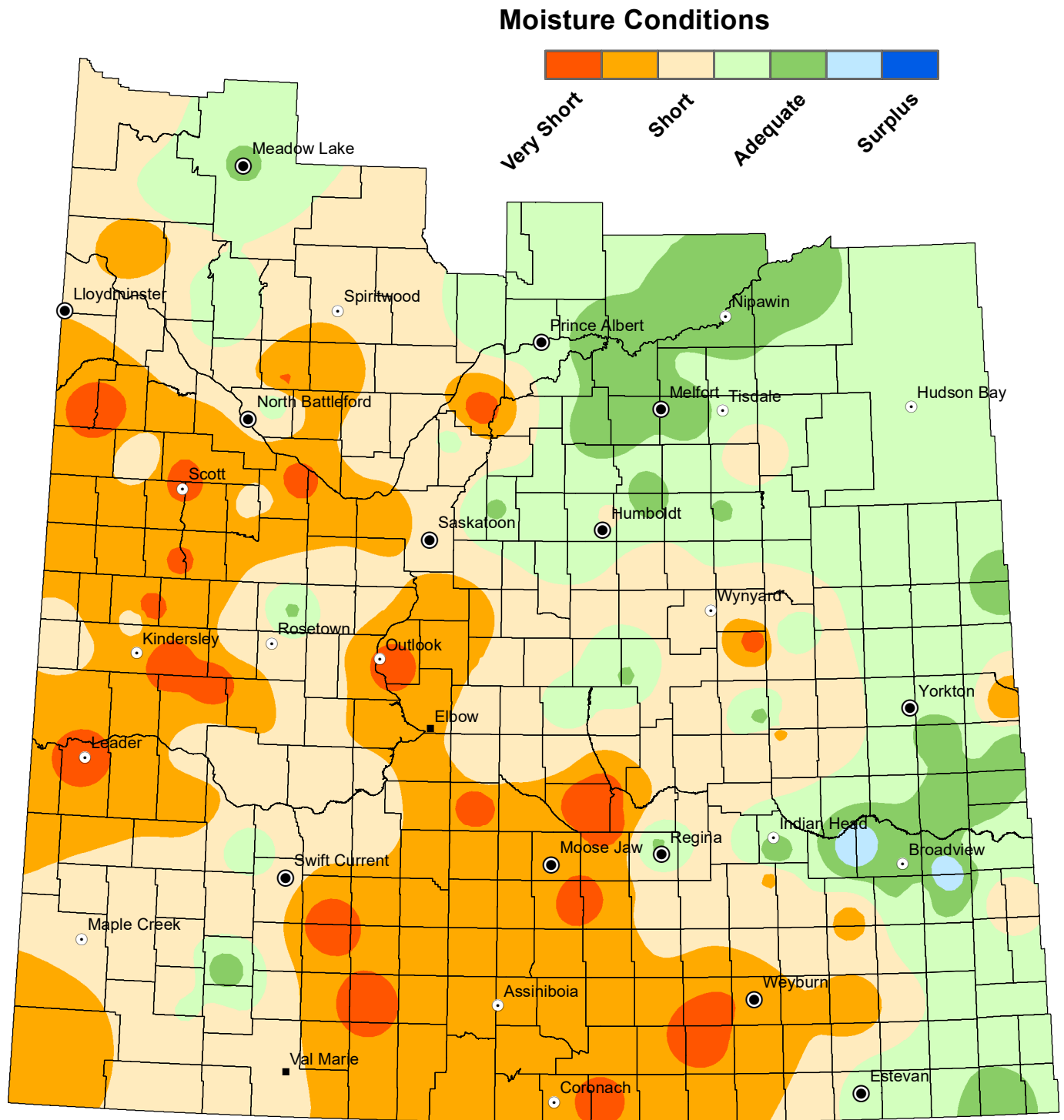
Data Source:
Moisture - Ministry of Agriculture, Crop Report Database
IDW interpolation (power 2.5, fixed radius 300 km)

Geomatics Services, Ministry of Agriculture

October 19, 2023

Hay and Pasture Topsoil Moisture Conditions

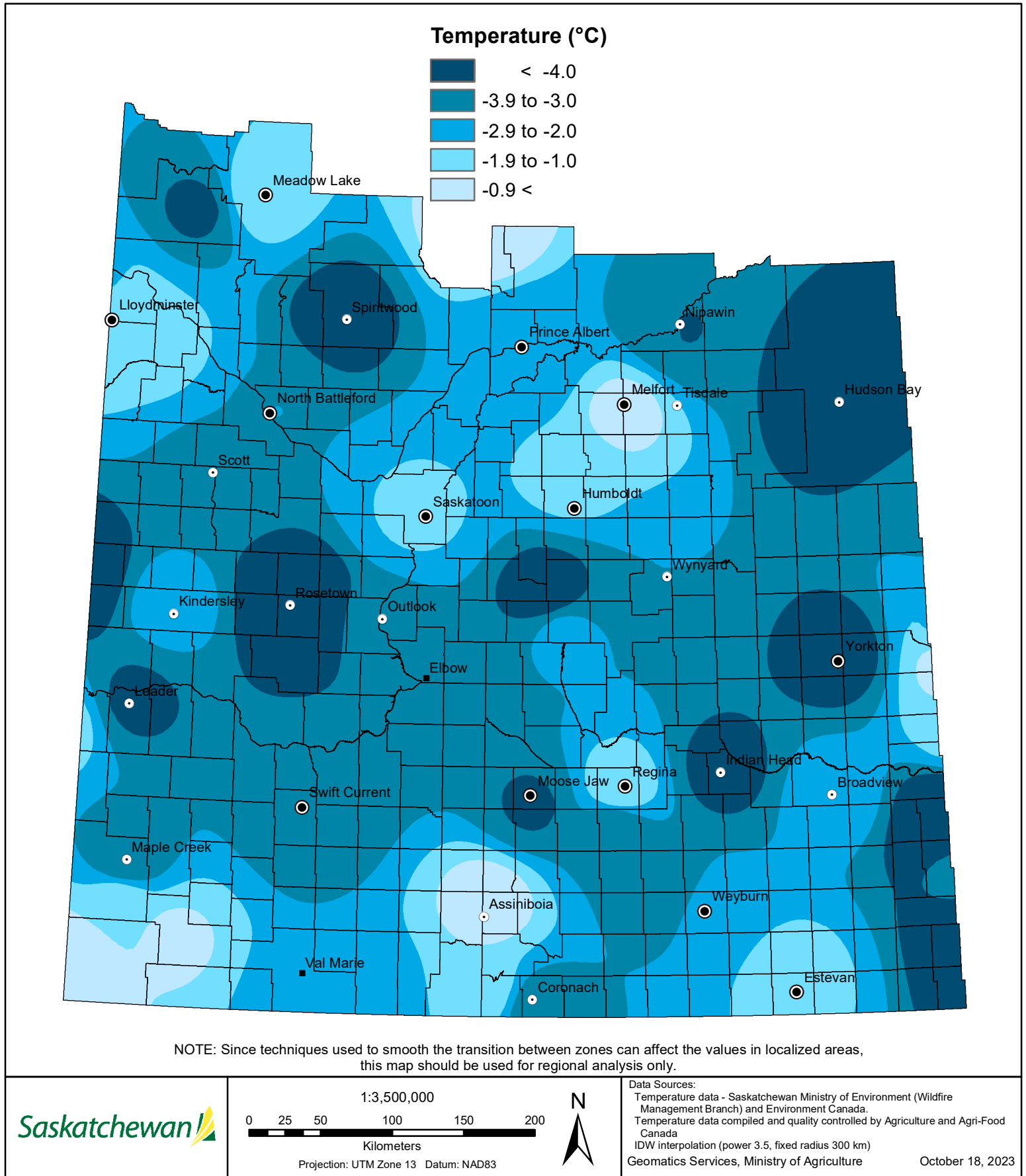
October 16, 2023



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 October 10 to October 16, 2023



Maximum Temperature

from October 10 to October 16, 2023

