# Crop Report

#### For the Period June 28 to July 4, 2022

Published by the Ministry of Agriculture ISSN 0701 7085 Report number 10, July 7, 2022

Crops are quickly progressing across the province thanks to recent widespread rainfall and relatively warm weather. Although many areas continue to struggle with excess moisture and yellowing crops, others welcomed the rain as it has helped crops and pastures recover from dry conditions. Many crops are behind their normal stages of development for this time of year and warm temperatures would be appreciated to help them advance and for wet fields to dry up. The rain has come too late in the southwest and west-central regions and crops that were already prematurely advancing will likely not be able to recover.

#### One year ago

Crops were rapidly advancing across the province due to a long stretch of hot weather and very little precipitation. Haying was almost halfway complete; hay yields were reported to be lower than average due to the heat. Pasture conditions were reported to be declining due to the heat and drought. Livestock producers were beginning to worry about winter feed supplies.

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Sixty-one per cent of the fall cereals are now heading out while 28 per cent of the spring cereals are now at the shot blade stage; an additional 12 per cent is heading out. Fifty per cent of the flax crop is at the stem elongation stage, 62 per cent of the pulses are at the vegetative stage and 38 per cent are flowering. Fifty-four per cent of the canola and mustard is in the rosette stage while 16 per cent is now flowering.

Widespread rainfall ranged from trace amounts to 67 mm in the Vanguard area. There are reports of localized flooding due to heavy downpours in some areas of the southeast.

Topsoil moisture conditions have improved this past week. Cropland topsoil moisture is currently rated as nine per cent surplus, 71 per cent adequate, 18 per cent short and two per cent very short. Hay and pasture land topsoil moisture is rated as eight per cent surplus, 66 per cent adequate, 22 per cent short and four per cent very short.

Haying operations have been slower than normal due to the frequent rain, high humidity and lack of growth in some areas. Livestock producers now have eight per cent of the hay crop cut and three per cent baled or put into silage. Hay quality is rated as 19 per cent excellent, 62 per cent good, 16 per cent fair and three per cent poor. The recent rain will improve hay crops, although estimated yields continue to be lower than average.

Pasture conditions have also improved and are now rated as 17 per cent excellent, 48 per cent good, 20 per cent fair, 13 per cent poor and two per cent very poor.

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



Agriculture and Agri-Food Canada





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Crop damage this past week was due to localized flooding, strong winds, extremely dry soil conditions, hail and leaf spot diseases. Grasshopper populations have drastically increased in many areas and gophers continue to cause damage in many fields.

Producers are busy applying fungicides and insecticides, scouting for pests, fixing equipment and haying.

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### Crop Staging Tables - July 4, 2022

Fall Cereals	Shot blade	Heading	Dough	Ripe
July 4 Prov. Avg.	24	61	15	0
Southeast	30	65	5	0
Southwest	9	66	24	1
East central	33	65	2	0
West central	0	94	6	0
Northeast	11	76	13	0
Northwest	N/A	N/A	N/A	N/A

Spring Cereals	Tillering	Jointed	Shotblade	Heading
July 4 Prov. Avg.	38	34	28	12
Southeast	34	38	23	5
Southwest	15	18	37	30
East central	46	30	19	5
West central	20	29	36	15
Northeast	36	36	25	3
Northwest	18	33	39	10

Flax	Seedling	Stem Ext.	Flowering	
July 4 Prov. Avg.	46	50	4	
Southeast	45	50	5	
Southwest	29	55	16	
East central	50	49	1	
West central	25	60	15	
Northeast	32	68	0	
Northwest	5	88	7	

Canola and Mustard	Seedling	Rosette	Flowering	
July 4 Prov. Avg.	30	54	16	
Southeast	32	58	10	
Southwest	11	37	52	
East central	48	48	4	
West central	13	59	28	
Northeast	26	66	8	
Northwest	9	74	17	

Pulse Crops	Vegetative	Flowering	Podding	
July 4 Prov. Avg.	62	38	0	
Southeast	72	28	0	
Southwest	55	45	0	
East central	73	27	0	
West central	55	45	0	
Northeast	92	8	0	
Northwest	74	26	0	


#### 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

More rainfall has delayed pesticide spraying and haying operations in much of the region. While the rain was welcomed by many, producers would like warm and dry weather soon to help crops recover from excess moisture damage. Overall crops are in good condition but are behind their normal stages of development for this time of year.

Rainfall in the region ranged from trace amounts to 63 mm in the Wilcox area. The Redvers area received 56 mm of rainfall, the Radville area 35 mm, the Whitewood area 33 mm, the Broadview area 30 mm, the Moose Jaw area 24 mm, the Weyburn area 22 mm, the Glenavon area 17 mm, the Carnduff area 16 mm, the Outram area 15 mm, the Indian Head area 14 mm, the Avonlea area 10 mm. There were several reports of localized heavy downpours that caused some flooding in the Redvers area.

Cropland topsoil moisture conditions are currently rated as 13 per cent surplus, 80 per cent adequate and seven per cent short. Hay and pasture land topsoil moisture is rated as seven per cent surplus, 88 per cent adequate and five per cent short. Crop District 1B is reporting that 20 per cent of the cropland and 11 per cent of the hay and pasture land has surplus topsoil moisture at this time.

Haying operations continue when producers are able to get out into the field; there have been many delays due to excess moisture and poor drying conditions from the frequent rain and high humidity. Livestock producers now have seven per cent of the hay crop cut and two per cent has been baled or put into silage. Hay quality at this time is rated as 17 per cent excellent and 83 per cent good.

Pastures continue to improve and are now rated as 32 per cent excellent, 63 per cent good and five per cent fair.

Most crop damage this past week was due to localized flooding, hail, strong winds and lack of moisture. Gophers continue to be an issue across the region while grasshopper populations are growing in many southern and western areas. Producers are busy controlling these pest outbreaks when warranted.

#### 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

Despite recent patchy rain in the region, many areas are still in need of significant rainfall to help crops recover from the frequent strong winds and dry conditions. Overall crops are in fair to good shape but some are rapidly and prematurely advancing due to drought stress. In other areas the crop is delayed and warmer temperatures are needed to help with growth.

Rainfall in the region ranged from small amounts to 67 mm in the Vanguard area. The Maple Creek area received 55 mm of rain, the Consul area 42 mm, the Shaunavon and Gull Lake areas 40 mm, the Cabri area 33 mm, the Eyebrow area received 32 mm, the Rockglen area 27 mm, the Limerick area nine mm, the Hazenmore area eight mm, the Kyle area six mm.

Topsoil moisture conditions have slightly improved with the recent rainfall. Cropland topsoil moisture is rated as three per cent surplus, 59 per cent adequate, 34 per cent short and four per cent very short. Hay and pasture land topsoil moisture is rated as seven per cent surplus, 40 per cent adequate, 42 per cent short and 11 per cent very short. Crop District 3AN is reporting that 11 per cent of the cropland and 33 per cent of the hay and pasture land is very short topsoil moisture at this time.

Haying operations have begun in the region, although progress is slow due to lack of growth. Livestock producers now have nine per cent of the hay crop cut and six per cent is baled or put into silage. Hay quality at this time is rated as 19 per cent excellent, 44 per cent good, 31 per cent fair and six per cent poor. Hay yields are expected to be well below normal and more rain is needed to help with growth.

Pasture conditions are currently rated as 11 per cent excellent, 11 per cent good, 34 per cent fair, 38 per cent poor and six per cent very poor.

The majority of crop damage this past week was due to strong winds, hail and drought. Gophers and grasshoppers continue to damage many fields and producers are busy controlling them as time and conditions allow. Producers are also busy spraying fungicides when warranted.

#### 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

Wet field conditions continue to delay haying operations and pesticide applications for many areas of the region. Warmer weather is needed soon for crops to advance as many are at least a week or more behind their normal stages of development for this time of year. Crops are in good condition overall but will need some heat and timely rains to help things along. Crops that have been in standing water have yellowed and will need dry weather to improve.

Rainfall in the region ranged from 56 mm in the Craik area to trace amounts. The Esterhazy area reported 38 mm of rain, the Bulyea area 20 mm, the Foam Lake area 15 mm, the Ituna area 14 mm, the Bethune area eight mm the Kelvington area 6 mm and the Yorkton area 1 mm.

Cropland topsoil moisture conditions have improved and are now rated as nine per cent surplus, 73 per cent adequate and 18 per cent short. Hay and pasture land is rated as six per cent surplus, 74 per cent adequate, 17 per cent short and three per cent very short. Crop District 5A is reporting that 21 per cent of the cropland and 18 per cent of the hay and pasture land has surplus topsoil moisture at this time.

Haying continues when field and weather conditions allow. Livestock producers in the region now have six per cent of the crop cut and two per cent baled or put into silage. Hay quality is rated as 32 per cent excellent, 64 per cent good and four per cent fair.

Pasture conditions are currently rated as 16 per cent excellent, 68 per cent good, 14 per cent fair and two per cent poor.

Crop damage this past week is attributed to wind, localized flooding and lack of moisture. Like much of the province, producers continue to deal with gophers and grasshoppers and are controlling these pests when conditions allow. There have also been reports of aphids starting to show up in some fields.

#### West-Central Saskatchewan:

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

Cooler temperatures, spotty rains and lack of growth have delayed haying operations for many producers in the region. Although crops are nicely advancing and are in relatively good shape overall, many are behind their normal developmental stages for this time of year. Significant rainfall and warmer weather is needed to improve plant growth for crops, hay land and pasture. For those areas that have not received rainfall lately, drought stress has taken a toll and crops are prematurely advancing and drying down. Many producers have indicated that so far crops are in much better condition than this time last year.

Most of the region received trace amounts to no rain while others had spotty showers or localized downpours. The Smiley area received 39 mm, the Tugaske area 33 mm, the Marengo area 26 mm, the Kerrobert area 14 mm, the Wilkie area six mm the Rosthern area five mm, the Cando area three mm and the Conquest area two mm.

Topsoil moisture conditions have improved in the region. Cropland topsoil moisture is rated as six per cent surplus, 64 per cent adequate, 25 per cent short and five per cent very short. Hay land and pasture topsoil moisture is rated as 55 per cent adequate, 40 per cent short and five per cent very short. While Crop District 7A is reporting that 18 per cent of the cropland has surplus topsoil moisture, 12 per cent is currently very short topsoil moisture.

Livestock producers now have eight per cent of the hay crop cut and four per cent baled or put into silage. Hay quality at this time is rated as 14 per cent excellent, 38 per cent good, 38 per cent fair and 10 per cent poor. Pasture conditions are currently rated as three per cent excellent, 42 per cent good, 42 per cent fair, 12 per cent poor and one per cent very poor.

Strong winds, drought and localized flooding were the main causes of crop damage this week while producers continue to control pests such as gophers and grasshoppers. Producers are also spraying fungicides on pulse and cereal crops.

#### 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

Cool and wet weather has delayed haying operations and crop spraying for many producers. Many crops are behind their normal stages of development for this time of year and warm and dry weather will be needed soon to help them advance. Overall, crops are in good condition, although some that have been drowned out or standing in excess moisture are yellowing and yields will likely be reduced.

Reported rainfall varied from trace amounts to 18 mm in the Prince Albert region. The Lake Lenore area 13 received mm of rain, the Tisdale area reported 12 mm, the Birch Hills area eight mm, the Melfort area three mm and the Star City area one mm.

Crop land topsoil moisture is rated as seven per cent surplus, 91 per cent adequate and two per cent short. Hay and pasture land topsoil moisture is rated as three per cent surplus, 95 per cent adequate and two per cent short.

Haying is well underway in the region as 17 per cent of the hay crop has been cut and one per cent baled or put into silage. Hay quality at this time is rated as 12 per cent excellent and 88 per cent good.

Pasture conditions are currently rated as 22 per cent excellent, 75 per cent good, two per cent fair and one per cent poor.

Crop damage this past week was due to winds, hail and pests such as gophers and grasshoppers. Producers are busy spraying fungicides on pulse crops and are getting equipment ready for 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 advancing in the region thanks to recent rainfall, but heat will be needed soon for them to catch up to their normal developmental stages for this time of year. While parts of the region are reporting very dry conditions, other areas are under water from frequent, localized heavy rains. Overall crops remain in good condition but will need better weather in order to further develop. Rainfall in the region ranged from small amounts to 47 mm in the Spiritwood area. The Turtleford area 31 mm of rain, the St. Walburg area 30 mm, the North Battleford and Meadow Lake areas 23 mm, the Lloydminster area 22 mm and the Pierceland area 14 mm, the Hafford area reported 10 mm of rain and the Speers area eight mm.

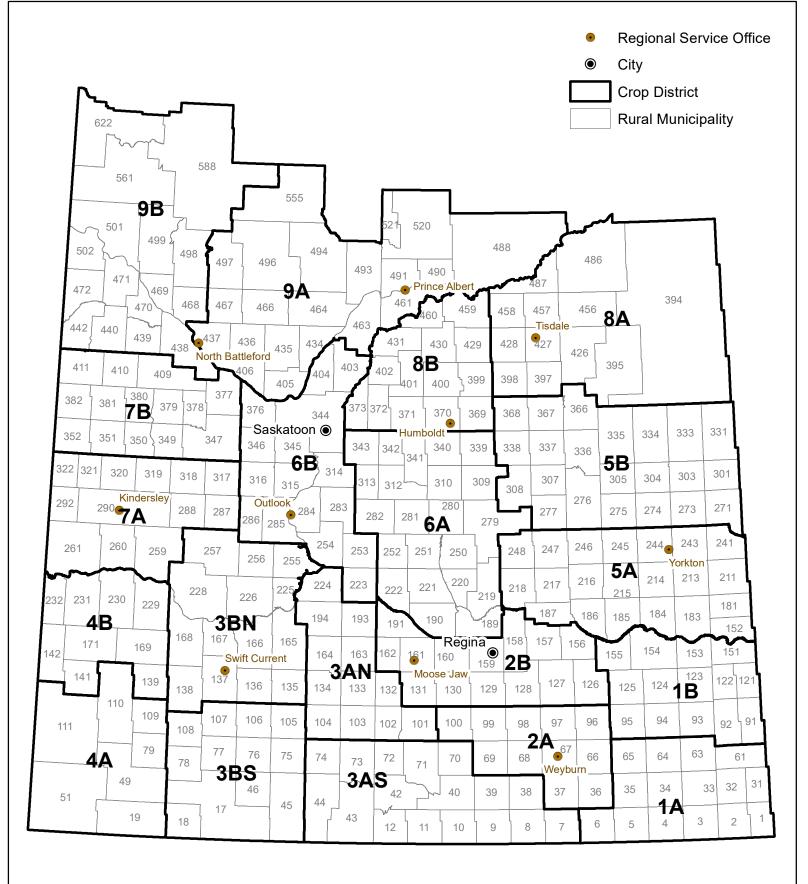
Topsoil moisture conditions have improved overall. Cropland topsoil moisture conditions are rated as 21 per cent surplus, 66 per cent adequate, 12 per cent short and one per cent very short. Hay land and pasture topsoil moisture is rated as 22 per cent surplus, 66 per cent adequate and 12 per cent short. Crop District 9B is reporting that 31 per cent of the cropland and 29 per cent of the hay land and pasture has surplus topsoil moisture at this time.

Haying is underway in the region as five per cent of the hay crop has now been cut and less than one per cent has been baled or put into silage. Hay quality is currently rated as eight per cent surplus, 75 per cent good and 17 per cent fair. Livestock producers are hopeful that the weather will improve and they will be able to get back out there soon.

Pasture conditions are currently rated as 15 per cent excellent, 62 per cent good, 21 per cent fair and two per cent poor.

Most crop damage this past week was due to localized flooding, hail and wind. Pests such as grasshoppers continue to cause damage in many fields and producers are busy controlling them. With the wet field conditions, some producers have opted for aerial spraying by plane or helicopter to avoid getting stuck in ruts.

## Crop Districts and Rural Municipalities in Saskatchewan



Saskatchewan

50 100 150 Kilometers

1:3,200,000

25

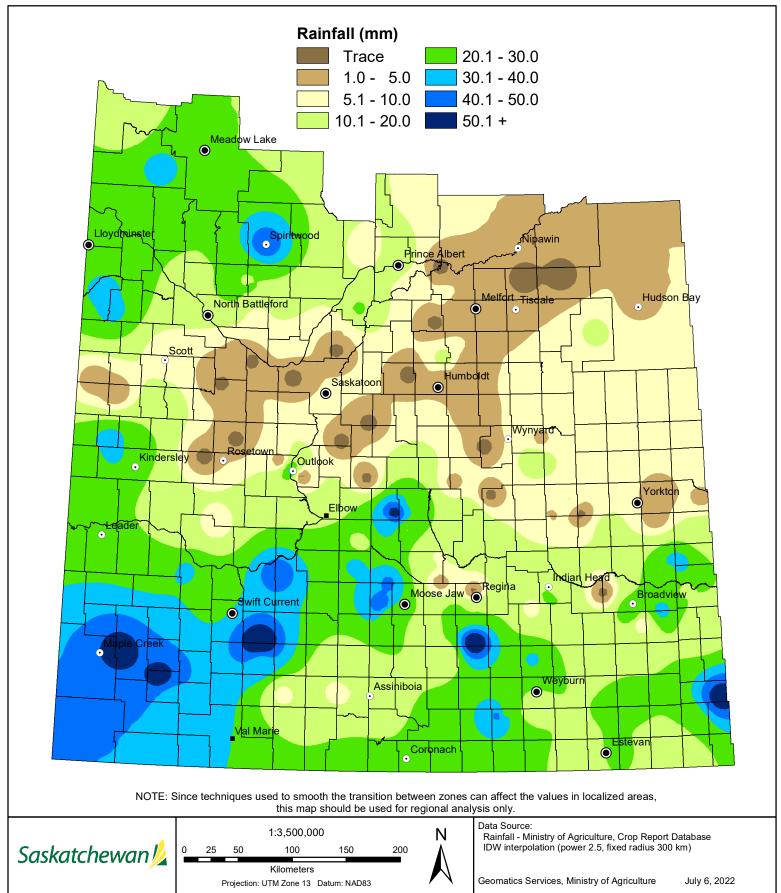
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Crop Districts - Saskatchewan Ministry of Agriculture

## Weekly Rainfall

from June 28 to July 4, 2022



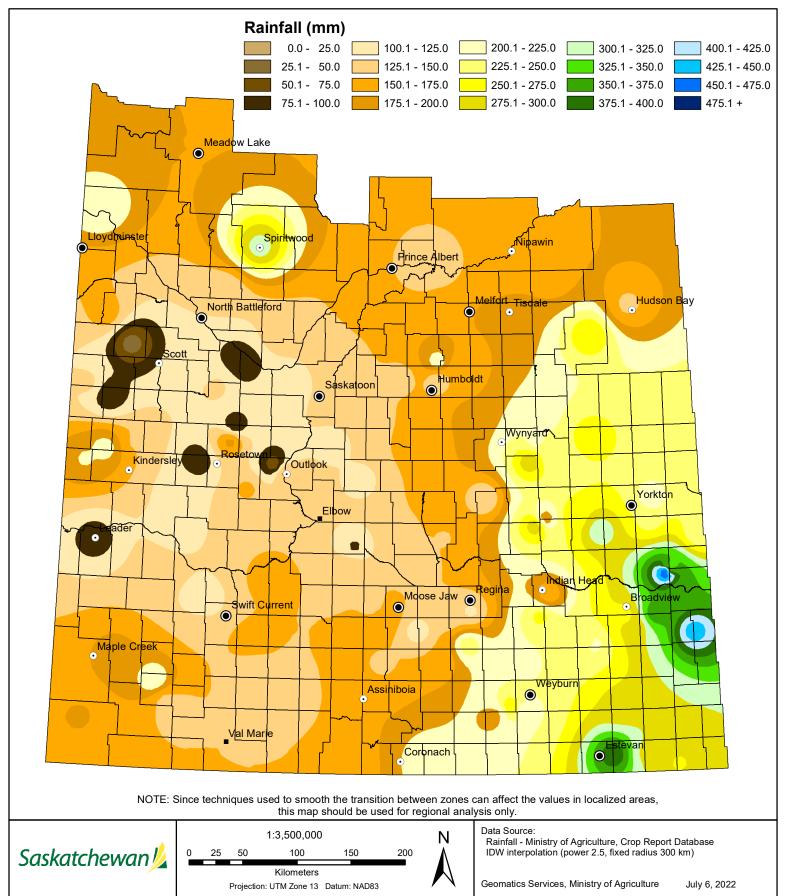
#### Weekly Rainfall Summary

(in millimete										8 to July 4, 2022				
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	16	274	4B	139	Gull Lake	40	138	7A	259	Snipe Lake	N/A	114
	3	Enniskillen	11	293		229	Miry Creek	24.2	142.2		287	St. Andrews	N/A	61
	4	Coal Fields	23	390		231	Happyland	10	99		288	Pleasant Valley	trace	81
	6	Cambria	15	256	5A	181	Langenburg	38	326		290	Kindersley	17.7	104.1
	32	Reciprocity	56	256		183 A	Fertile Belt	26	483		292	Milton	26	202
	34	Browning	N/A	0		211	Churchbridge	13	227		317 A	Marriott	2	81
	61	Antler	56	355		213	Saltcoats	2	242		317 B	Marriott	trace	181.6
	64	Brock	25	285		215	Stanley	12	317		319	Winslow	N/A	75.1
	65	Tecumseh	N/A	231		216	Tullymet	13.8	58.9		320 A	Oakdale	N/A	125.8
1B	95	Golden West	N/A	0		217	Lipton	10	296		320 B	Oakdale	26	162
	122	Martin	10	439		241	Calder	4	241		321	Prairiedale	39	210.5
	123	Silverwood	33	368		243	Wallace	1	209	7B	347	Biggar	nil	135
	124	Kingsley	5	286		245 A	Garry	N/A	264		350	Mariposa	14	87
	125 A 125 B	Chester Chester	17	249		245 B	Garry	nil	265		351	Progress	1	78
	125 B	Rocanville	11 19	213 353		246 A 246 B	Ituna Bon Accord Ituna Bon Accord	4 10.2	183 260.2		377 378	Glenside Rosemount	2	89 108
		Elcapo	30	266		240 B 247	Kellross	trace	196.5		376	Eye Hill	2.5	129
	154 7	Wolseley	nil	195		247	Touchwood	trace	130.5		409 A	Buffalo	2.5 N/A	0
2A	67	Weyburn	13	210	5B	273	Sliding Hills	N/A	200		409 A 409 B	Buffalo	5.5	48.3
27	68	Brokenshell	22	274	00	275	Insinger	N/A	285		410	Round Valley	N/A	40.7
	96	Fillmore	N/A	0		276	Foam Lake	N/A	203	8A	394	Hudson Bay	4	146
	97	Wellington	31	222		277 A	Emerald	15	296		395	Porcupine	11	269
	100	Elmsthorpe	10	151		277 B	Emerald	N/A	248		397 A	Barrier Valley	11.6	206.6
2B		Francis	16.5	256		301	St.Philips	7.1	264.2		397 B	Barrier Valley	11	128
			5	130		305	Invermay	5	267		427	Tisdale	N/A	0
	129	Bratt's Lake	63	240.5		307	Elfros	4	220		428	Star City	1	177
	131	Baildon	15	111		308 A	Big Quill	nil	156		456	Arborfield	trace	166
	156 A	Indian Head	14.3	156.1		308 B	Big Quill	N/A	0		457 A	Connaught	N/A	0
	156 B	Indian Head	26	231		331	Livingston	5	231		457 B	Moose Range	trace	118.8
	159 A	Sherwood	20	120.5		334	Preeceville	N/A	18		486	Moose Range	N/A	156.2
	159 B	Sherwood	nil	65		336	Sasman	N/A	117		487	Nipawin	N/A	180
	160	Pense	N/A	66		337	Lakeview	N/A	173	8B	369	St. Peter	1	150.5
	161 A	Moose Jaw	24	127		366	Kelvington	6	186		370 A	Humboldt	2	133
	162 A		48.3	143		367	Ponass Lake	5	75		370 B	Humboldt	N/A	0
		Caron	42.5	165.5	6A	189	Lumsden	N/A	70		371	Bayne	trace	144
	191	Marquis	N/A	0		190 A	Dufferin	8	169		372	Grant	N/A	145
3ASE		Laurier	26.8	194.6		190 B	Dufferin	18	135		400	Three Lakes	13	214
			43	193		190 C	Dufferin	nil	81		429	Flett's Springs	3	171
SASW	10	Happy Valley	20	216		190 D	Dufferin	6	64		430	Invergordon	nil	162
	40	Bengough	N/A	0		219 A		16	164		459	Kinistino	7	222
	43	Old Post	27	155.5		219 B	Longlaketon	N/A	111	0.4 5	460	Birch Hills	8.4	96.9
	73 A		9	128.9		220	McKillop	20	149	9AE	461	Prince Albert	nil	125.5
	73 B 74	Stonehenge Wood River	10	140.8		221	Sarnia	19.9	145		488	Torch River	N/A	189
3AN	102		9 11	107.4 158.5		222 251	Craik Big Arma	33 28	213 113		491 520	Buckland Paddockwood	18 N/A	217
SAN	102	Lake Johnston Sutton	13	64		251	Big Arm Arm River	 56	60		520 521	Lakeland	N/A N/A	104
		Hillsborough	N/A	04		279	Mount Hope	3.6	82.6	9AW	405	Great Bend	N/A	104
	132 A	•	20	173		279	McCraney	nil	116	37111	405	Mayfield	trace	9.8
	193	Eyebrow	32	145		310	Usborne	3.2	162.9		435	Redberry	10	140
3BS	75	Pinto Creek	8	131		312	Morris	3.7	156.1		436	Douglas	8	73
-	77	Wise Creek	N/A	89		339	Leroy	1.4	180.2		437	North Battleford	N/A	151.5
	78	Grassy Creek	40	139		340	Wolverine	N/A	0		463	Duck Lake	21	168.5
		Whiska Creek	35	128		341	Viscount	N/A	0		466	Meeting Lake	21	128
		Whiska Creek	67	171.5		343	Blucher	nil	129		467 A	Round Hill	23	130.5
	107	Lac Pelletier	N/A	0	6B		Huron	17	97		467 B	Round Hill	19	119
	108	Bone Creek	N/A	150		223 B	Huron	33	154		493	Shellbrook	7	94.5
3BN	138	Webb	N/A	148.8		223 C	Huron	N/A	0		496	Spiritwood	47	310
	165	Morse	47	164.5		284 A	Rudy	nil	86		497	Medstead	N/A	133.5
	168 A	Riverside	22	102		285	Fertile Valley	2	60	9B	440	Hillsdale	32	161
		Riverside	33	131.1		286	Milden	N/A	154		442	Manitou Lake	32	152.1
	226	Victory	N/A	0		314	Dundurn	nil	118		498	Parkdale	37	243
	228	Lacadena	11	110		344	Corman Park	nil	115		499 A	Mervin	31	271
	257	Monet	6	17		376	Eagle Creek	nil	68		499 B	Mervin	21	175.5
4A	51	Reno	42.2	175.7			Rosthern	5	131		501 A		30	185
		Arlington	34	145		403 B	Rosthern	trace	78		501 B	Frenchman Butte	N/A	60
		Arlington	55	223							501 C		23	222
	109	Carmichael	N/A	0							502	Britannia	22.5	86
	110	Piapot	55	181.9							561	Loon Lake	32	193
	111	Maple Creek	N/A	173							588	Meadow Lake	23	214
											622	Beaver River	14	180.4

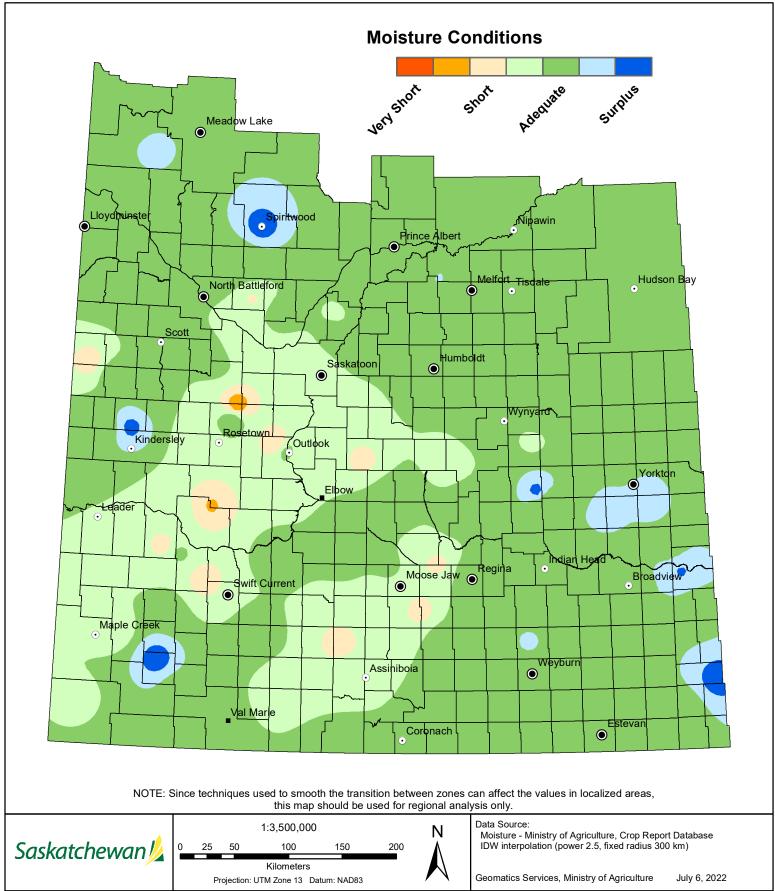
Municipality No: A, B, C and D - more than one reporter These precipitation amounts represent point locations within each municipality and do not necessarily reflect the whole R. M.

## **Cumulative Rainfall**

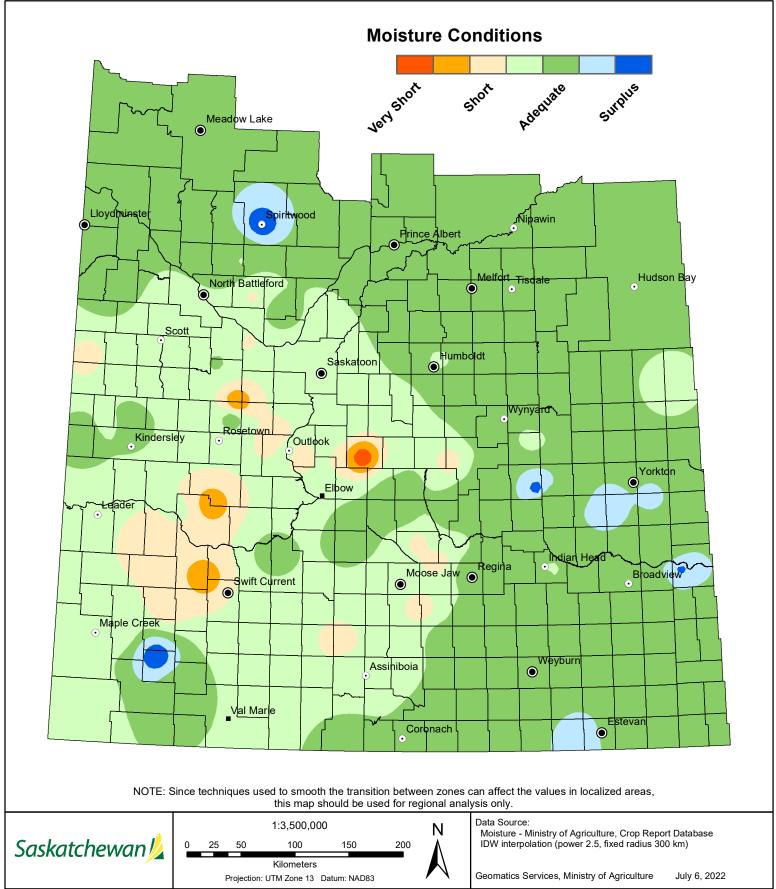
from April 1 to July 4, 2022



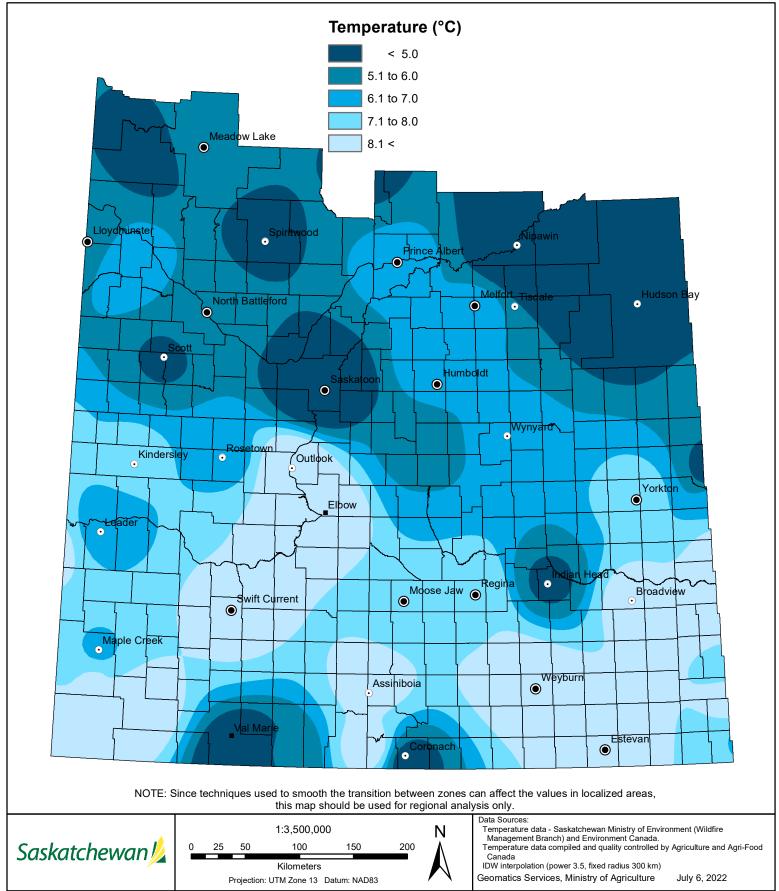
## Cropland Topsoil Moisture Conditions July 4, 2022



## Hay and Pasture Topsoil Moisture Conditions July 4, 2022



## Minimum Temperature from June 28 to July 4, 2022



## **Maximum Temperature**

from June 28 to July 4, 2022

