

## Crop Report for July 31, 2005

Pre-harvest crop production estimates indicate that Saskatchewan farmers are expected to harvest 30.0 million tonnes of grains, oilseeds, and specialty crops, 26 per cent above the 10 year average, according to Saskatchewan Agriculture and Food's weekly crop report.

Harvest operations are just getting underway in some southern and central areas. Crops being combined include winter wheat, oats, fall rye, and peas.

Yield projections will continue to be monitored throughout the harvest period, and new estimates will be provided if production estimates change significantly. Statistics Canada's July production estimate will be released on August 26, 2005.

Some concerns for realizing yield expectations include heat and drought stress, frost, and disease. Provincial crop yield estimates range from 74 to 181 per cent of the 10-year average. There is variability both at the local and regional levels. Yield prospects for many crops are highest in the northeast and lowest in the southwest.

Topsoil moisture conditions on crop, hay, and pasture land all deteriorated over the past week.

More than half of the reporters rate topsoil moisture as adequate on cropland. Southwestern and northeastern areas report the highest percentage of short topsoil moisture ratings.

The weather has allowed for continued haying progress in many areas. Seventy-six per cent of the first-cut and eight per cent of the

second-cut hay crop has been baled or put into silage. Over half of reporters do not expect to harvest a second cut.

Wind, heat and drought stress caused the most crop damage during the past week. Limited spraying of insecticides and fungicides is underway.

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*Available on the SAF Internet site at:  
[www.agr.gov.sk.ca](http://www.agr.gov.sk.ca)*

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### Saskatchewan Crop Insurance

Saskatchewan Crop Insurance has made the claim process more efficient to improve the customer service you receive. You must submit your net harvested production before you can register any post-harvest claims. 2005 production declarations will soon be in the mail for forage, grains, SMP and organic customers.

Customers are also reminded that:

- Producers seeding fall rye and winter wheat have until August 25 to select winterkill coverage on their crops to be seeded by September 15.

- Customers who wish to put their insured crop to an alternate use (any use other than combining) must contact their customer service office before baling, grazing or working it under.

### 1 Year Ago

Pre-harvest estimates indicated a production of 26.9 million tonnes of grains, oilseeds, and specialty crops.

Delayed crop development was the biggest concern to realizing yield expectations.

Harvest operations were getting underway in oats, barley, fall rye, triticale, canola, and peas.

Sixty-two per cent of the first cut hay had been baled or put into silage.



## **South eastern Saskatchewan (Crop Districts 1, 2, & 3ase)**

The south eastern region was cooler at the beginning of last week and then hot and dry. An average of 5 mm of precipitation was reported, with the highest average, 7 mm, reported in Crop District (CD) 2b. Drought stress was reported across the region. Wind damage was reported in CDs 1a, 2, and 3ase. Hail damage was reported in CDs 2b and 3ase, with localized areas receiving up to 100% damage. Frost damage was reported in CD 1b.

Some harvesting has begun in the southeast with some oats and peas combined and some winter wheat, durum, barley, and lentils swathed. Crops are ripening fast. Some farmers have begun desiccating.

Regional crop yield estimates indicate that south eastern sunflower yields could be the highest in the province while mustard and chickpea yields could be the lowest.

Topsoil moisture conditions on cropland deteriorated this past week. Sixty-one per cent of reporters rated topsoil moisture as adequate compared with 77% last week. Conditions also deteriorated on hay and pasture land with 54% of reporters rating topsoil moisture as adequate compared to 73% last week. Most farmers would like to see some more rain to help the crops finish filling.

The following diseases were reported causing crop damage this past week: rust, mildew, leaf diseases, ascochyta blight, root rot, and mycozphaerella blight. Disease pressures are particularly damaging to some pulse crops. Insect damage came from painted lady butterfly larvae, aphids, flea beetles, sawflies, wheat midge, and diamond back moth larvae. Gophers continued their damage in CD 3ase.

First-cut haying operations continue in the southeast with 73% baled or silaged, and 15% lying in the swath. Quality is generally expected to be good. Many reporters do not expect a second cut in their area. Those that are cutting a second time report that 8% of the second cut has been baled or put into silage.

## **South western Saskatchewan (CDs 3asw, 3an, 3b, & 4)**

The past week saw some cool nights in the southwest, but generally hot, dry days. An average of 1 mm of precipitation was reported during the past week, with the highest average, 4 mm, reported in CD 3an. Wind damage and heat and drought stress were reported across the region. Hail damage was reported in CD 3an.

Some harvesting has begun in the southwest. Some winter wheat, fall rye, and peas have been combined, and some winter wheat, oats, fall rye, triticale, lentils, and peas

have been combined. Some farmers have begun desiccating.

Regional yield estimates indicate that south western fall rye yields could be the highest in the province while spring wheat, durum, oats, barley, flax, canola, pea and canary seed yields could be the lowest.

Topsoil moisture conditions on cropland deteriorated this past week, with only 17% of reporters rating topsoil moisture as adequate, compared with 36% last week. Conditions also deteriorated on hay and pasture land with only 11% of reporters rating topsoil moisture as adequate, compared to 33% last week. Rain is needed to help the late crops, and alleviate crop burning. Dams and dugouts are starting to get low in some areas.

Insect damage came from sawflies, aphids, and grasshoppers. Disease pressures came from ascochyta blight and anthracnose. Gophers caused crop damage in CD 3bs. Deer and antelope damaged crops in CD 4a.

Haying operations are continuing in the southwest with 89% of the first-cut hay either baled or put into silage, and a further 7% lying in the swath. Quality is expected to be good to excellent. Thirty-six per cent of the second-cut hay crop has been baled or put into silage, but close to half of the reporters do not expect to see a second cut in their area. Fox tail problems in hay fields in CD 3bn

are lowering quality and reducing yields.

### **East central Saskatchewan (Crop Districts 5 & 6a)**

The east central region had a cool beginning and a warm ending to the past week. An average of 9 mm of precipitation was reported during the past week, with CD 6a reporting the highest average at 13 mm. Heat and drought stress were reported across the region. Wind damage, including lodging and scattering of swaths, was reported in CDs 5a and 6a. Frost damage was reported in CDs 5b and 6a. Hail damage was reported in CD 6a.

There were reports of swathing winter wheat and fall rye in the east central region during the past week.

Regional crop yield estimates indicate that east central triticale and sunflower yields could be the lowest in the province.

Topsoil moisture conditions on cropland deteriorated, with 63% of reporters rating topsoil moisture as adequate, compared with 76% last week. Conditions also deteriorated on hay and pasture land with 55% of reporters rating topsoil moisture as adequate compared to 74% last week. Crops could use more rain to fill seed coats and stop the burning.

Insect damage came from painted lady butterfly larvae, diamondback moth larvae, sawflies,

bertha armyworms, aphids, and wheat midge. Fungicides are being applied in CD 5b. Disease pressures came from rust, glume blotch, fusarium head blight, tan spot, anthracnose, and ascochyta blight.

First-cut haying operations are progressing, with 72% baled or silaged, and a further 17% lying in the swath. Quality is expected to be generally good. Many reporters do not expect to see a second cut in their areas.

### **West central Saskatchewan (Crop Districts 6b & 7)**

The west central region also had a cool start, but turned warmer this past week. An average of 24 mm of precipitation was reported during the past week, with CD 7b reporting the highest average at 29 mm. Over 50 mm was reported in the Rosetown and Major areas. Wind damage, including lodging, was reported across the region. Heat and drought stress were reported in CD 6. Hail damage was reported in CD 6b. Frost damage was reported in localized areas across the region.

Some west central fall rye has been swathed.

Regional crop yield estimates indicate that west central triticale, mustard, lentils, and chickpeas could be the highest in the province and winter wheat and fall rye yields could be the lowest.

Topsoil moisture conditions on cropland improved, with 74% of reporters rating topsoil moisture as adequate, compared with 47% last week. Conditions also improved on hay and pasture land with 74% of reporters rating topsoil moisture as adequate compared to 57% last week. Moisture would be welcome in eastern areas to finish the crop.

Insect damage came from root maggots, diamondback moth larvae, and aphids. Anthracnose, tan spot, rust, powdery mildew, ascochyta blight, and net blotch were reported.

Cutting and baling the 2005 hay crop is nearing completion with 80% baled or silaged, and a further 11% lying in the swath. Quality is generally expected to be good. A number of reporters do not expect to harvest a second cut.

### **North eastern Saskatchewan (Crop Districts 8 & 9ae)**

The north eastern region saw some cool temperatures in a hot, dry week. An average of 2 mm of precipitation was reported during the past week, with the highest average of 3 mm reported in CD 9ae. Wind damage, including lodging, was reported across the region. Heat and drought stress were reported in CD 8.

Harvesting has not yet begun in the northeast though crops are starting to turn.

Regional crop yield estimates indicate that north eastern winter wheat, spring wheat, durum, oat, barley, and canary seed yields could be the highest in the province, and lentil yields could be the lowest.

Topsoil moisture conditions on cropland deteriorated this past week, with 41% of reporters rating topsoil moisture as adequate, compared with 79% last week. Conditions also deteriorated on hay and pasture land with 38% of reporters rating topsoil moisture as adequate compared to 80% last week. Rain is needed to realize yield potential.

Flea beetles, aphids, and painted lady butterfly larvae caused crop damage during the past week. Leaf diseases were reported in CD 8b.

Haying operations are progressing and 81% of the 2005 crop is baled or silaged, with a further

12% lying in the swath. Quality is generally expected to be good. Many reporters do not expect a second cut in their area.

### North western Saskatchewan (Crop Districts 9aw & 9b)

The north western region started off cooler and then turned warm this past week. An average of 8 mm of precipitation was reported during the past week, with the highest average of 9 mm reported in CD 9b. Heat and drought stress were reported across the region. Damage from wind and hail, including lodging, was reported in CD 9b.

Harvesting has not yet begun in the northwest though fall crops are nearing maturity.

Regional crop yield estimates indicate north western flax, canola, and pea yields could be the highest in the province.

Topsoil moisture conditions on cropland deteriorated this past week, 68% of reporters rating topsoil moisture as adequate, compared with 80% last week. Conditions also deteriorated on hay and pasture land with 68% of reporters rating topsoil moisture as adequate compared to 84% last week.

Insect damage came from diamondback moth larvae, painted lady butterfly larvae, and grasshoppers. Some aerial insecticide application took place. Sclerotinia was reported in CD 9b. Gophers continue to damage crops in CD 9aw.

Haying operations are progressing around weather delays in the northwest with 59% of the crop baled or silaged, and a further 27% lying in the swath. Quality is expected to be good. Many reporters do not expect to see a second cut in their area.

Saskatchewan Crop Production Estimate						
July 31, 2005						
	2005			1995-2004 average		
	acres* '000	bu/ac	prod'n '000 t	acres '000	bu/ac	prod'n '000 t
winter wheat	170	41.1	190.0	123.0	34.9	117.4
spring wheat	9 100	35.7	8 850.0	10 499.5	29.3	8 460.1
durum	4 600	33.1	4 150.0	4 581.0	29.3	3 638.7
oats	1 600	68.9	1 700.0	1 531.5	57.9	1 371.2
barley	4 600	58.4	5 850.0	4 215.0	48.0	4 423.9
fall rye	175	37.1	165.0	147.5	29.9	114.1
triticale	45	30.6	35.0	29.5	32.9	26.5
flax	1 570	20.1	800.0	1 152.0	18.2	531.9
canola	6 500	28.2	4 150.0	5 391.0	22.4	2 751.7
field peas	2 700	35.4	2 600.0	1 859.0	28.1	1 434.1
<b>subtotal</b>	<b>31 060</b>		<b>28 490</b>	<b>29 529.0</b>		<b>22 869.6</b>
		<b>lb/ac</b>		<b>lb/ac</b>		
mustard	420	997	190.0	530.0	770	185.8
sunflowers	30	1 102	15.0	36.8	1 073	17.5
lentils	1 960	1 237	1 100.0	1 161.0	1 063	554.7
canary seed	460	1 198	250.0	429.5	875	169.6
chick peas	150	1 176	80.0	n/a	n/a	n/a
<b>Total</b>	<b>34 080</b>		<b>30 125.0</b>	<b>31 686.3</b>		<b>23 797.2</b>

\* estimated harvested area



# Weekly Rainfall Summary

(in millimeters)

for the week ending July 30, 2005

Crop Municipality		Past	Since	Crop Municipality		Past	Since	Crop Municipality		Past	Since
Dist. No.	Name	Week	April 1	Dist. No.	Name	Week	April 1	Dist. No.	Name	Week	April 1
1A	1 Argyle	5	292	166	Excelsior	NIL	242	344	Corman Park	8	228
	2 Mount Pleasant	7	280	167	Sask. Landing	3	237	345	Vanscoy	26	266
	3 B Enniskillen	8	317	225	Canaan	7	210	346	Perdue	33	282
	31 Storthoaks	4	273	226	Victory	5	283	376 A	Eagle Creek	13	251
	32 Reciprocity	NIL	260	228 B	Lacadena	1	236	376 B	Eagle Creek	18	262
	33 A Moose Creek	7	317	255	Coteau	3	286	403	Rosthern	3	215
	33 B Moose Creek	2	235	256	King George	NIL	272	404	Laird	2	194
	34 Browning	NIL	262	257	Monet	TR	233	7A	259 Snipe Lake	1	222
	35 Benson	6	293	4A	19 Frontier	NIL	323	260	Newcombe	2	178
	63 A Moose Mountain	2	224	51	Reno	NIL	137	288	Pleasant Valley	44	317
	63 B Moose Mountain	3	221	79	Arlington	NIL	132	290	Kindersley	3	212
	64 Brock	TR	289	109 A	Carmichael	NIL	300	317 B	Marriott	51	321 *
	65 Tecumseh	NIL	298	109 B	Carmichael	NIL	248	317 C	Marriott	40	249
1B	91 Maryfield	1	242	110	Piapot	NIL	257	318 A	Mountain View	33	259
	94 Hazelwood	NIL	288	111 A	Maple Creek	TR	254	318 B	Mountain View	29	285
	95 Golden West	2	258	111 B	Maple Creek	NIL	253	320	Oakdale	34	236
	123 Silverwood	3	310	4B	139 Gull Lake	NIL	201	321	Prairiedale	21	238
	124 Kingsley	2	275	141	Big Stick	2	225	322	Antelope Park	36	243
	151 A Rocanville	10	365	171	Fox Valley	NIL	251	7B	347 A Biggar	33	252
	151 B Rocanville	12	311	229	Miry Creek	NIL	198	347 B	Biggar	29	240
	153 Willowdale	NIL	221	231	Happyland	2	259	350 A	Mariposa	15	189
	154 Elcapo	2	200	232	Deer Forks	2	243	351	Progress	32	229
	155 Wolseley	5	309	5A	152 Spy Hill	4	228	352	Heart's Hill	60	335
2A	36 Cymri	6	299	181	Langenburg	3	265	377 B	Glenside	20	269
	66 Griffin	0	188	183	Fertile Belt	8	285	378 A	Rosemount	46	251
	67 Weyburn	TR	197	184 A	Grayson	20	240	378 B	Rosemount	27	264
	68 Brokenshell	3	209	184 C	Grayson	8	245	379	Reford	25	254
	96 Fillmore	5	263	185	Mcleod	10	318	380 A	Tramping Lake	15	212
	97 Wellington	4	238	187	North Qu'appelle	16	196	382	Eye Hill	24	344
	99 Caledonia	11	303	211	Churchbridge	6	306	409	Buffalo	17	228
2B	126 Montmartre	2	230	213	Saltscoats	2	251	8A	397 Barrier Valley	1	256
	127 Francis	6	292	214	Cana	17	310	398	Pleasantdale	NIL	289
	128 Lajord	3	153	241	Calder	2	336	456	Arborfield	TR	223
	129 Bratt's Lake	5	199	243	Wallace	3	317	457 A	Connaught	NIL	169
	131 Baildon	5	274	245 A	Garry	3	231	457 B	Connaught	NIL	145
	156 A Indian Head	10	325	245 B	Garry	6	252	486	Moose Range	7	155
	156 B Indian Head	11	285	246	Ituna Bon Accord	12	296	487	Nipawin	NIL	152
	157 South Qu'appelle	19	343	247	Kellross	10	272	8B	369 St. Peter	TR	192
	158 Edenwold	14	190	248	Touchwood	11	196	370	Humboldt	4	242
	160 Pense	NIL	146	5B	271 Cote	5	302	371	Bayne	3	205
	161 Moose Jaw	8	199	277	Emerald	8	240	372	Grant	3	215
	191 Marquis	10	232	303	Keys	10	293	373 B	Aberdeen	2	149 *
3ASE	8 Lake Alma	9	225	307	Elfros	10	224	401	Hoodoo	6	237
	9 Surprise Valley	2	213	308	Big Quill	6	231	402	Fish Creek	TR	235
	39 A The Gap	2	166	335	Hazel Dell	2	261	429 A	Flett's Springs	NIL	306
	39 B The Gap	6	212	336	Sasman	2	203	429 B	Flett's Springs	NIL	256
3ASW	12 Poplar Valley	NIL	152	337	Lakeview	6	209	430	Invergordon	NIL	195
	40 Bengough	1	213	338	Lakeside	3	172	431 A	St. Louis	0	195
	42 Willow Bunch	NIL	201	366 A	Kelvington	TR	163	459	Kinistino	NIL	211
	43 A Old Post	NIL	197	366 B	Kelvington	2	183	9AE	461 Prince Albert	NIL	200
	44 Waverley	NIL	165	367	Ponass Lake	2	226	488	Torch River	2	267
	70 Key West	NIL	185	368	Spalding	3	135	520 A	Paddockwood	5	56 *
	71 A Excel	NIL	206	6A	189 Lumsden	25	234	520 B	Paddockwood	3	164
	71 C Excel	NIL	139	190 A	Dufferin	19	196	9AW	406 Muffield	14	237
	73 B Stonehenge	NIL	191	190 B	Dufferin	16	183	435	Redberry	5	228
3AN	101 A Terrell	5	133	190 C	Dufferin	9	174	436	Douglas	5	182
	101 B Terrell	6	207	219 C	Longlaketon	27	189	463	Duck Lake	NIL	237
	102 Lake Johnston	4	194	220	Mckillop	19	178	464	Leask	2	221
	103 Sutton	NIL	189	221	Sarnia	21	218	466	Meeting Lake	26	273
	104 Gravelbourg	NIL	156	251	Big Arm	15	289	467	Round Hill	6	211
	132 Hillsborough	NIL	153	252	Arm River	12	206	493	Shellbrook	NIL	133
	134 Shamrock	2	248	279 B	Mount Hope	8	290	494	Canwood	4	169
	164 Chaplin	NIL	173	280	Wreford	11	207	496	Spiritwood	5	210
	193 Eyebrow	22	238	281	Wood Creek	15	213	497	Medstead	12	212
3BS	17 A Val Marie	NIL	110	309	Prairie Rose	5	190	555	Big River	7	320
	17 B Val Marie	NIL	131	310	Usborne	10	292	9B	438 A Battle River	8	276
	45 Mankota	1	121	312	Morris	14	183	438 B	Battle River	13	217
	46 A Glen Mcpherson	NIL	131	313	Lost River	17	180	440	Hillsdale	4	213
	76 A Auvergne	NIL	101	339 A	Leroy	3	155	472	Wilton	16	281
	77 Wise Creek	NIL	150	339 B	Leroy	4	168	498 A	Parkdale	28	224
	78 A Grassy Creek	NIL	185	340 A	Wolverine	10	210	499	Mervin	20	294
	78 B Grassy Creek	NIL	116	340 B	Wolverine	8	216	501 A	Frenchman Butte	6	254
	78 C Grassy Creek	NIL	170	341	Viscount	8	187	501 B	Frenchman Butte	11	214
	106 Whiska Creek	NIL	139	343	Blucher	13	168	501 C	Frenchman Butte	3	244
	108 Bone Creek	2	208	6B	283 Rosedale	26	321	502	Britannia	15	255
3BN	135 Lawtonia	NIL	202	284	Rudy	27	302	561	Loon Lake	1	335
	136 Coulee	NIL	236	285	Fertile Valley	32	339	588 A	Meadow Lake	NIL	219
	137 Swift Current	NIL	141	286	Milden	15	253	588 B	Meadow Lake	NIL	297
	138 Webb	NIL	188	314	Dundurn	14	281	588 C	Meadow Lake	6	314

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

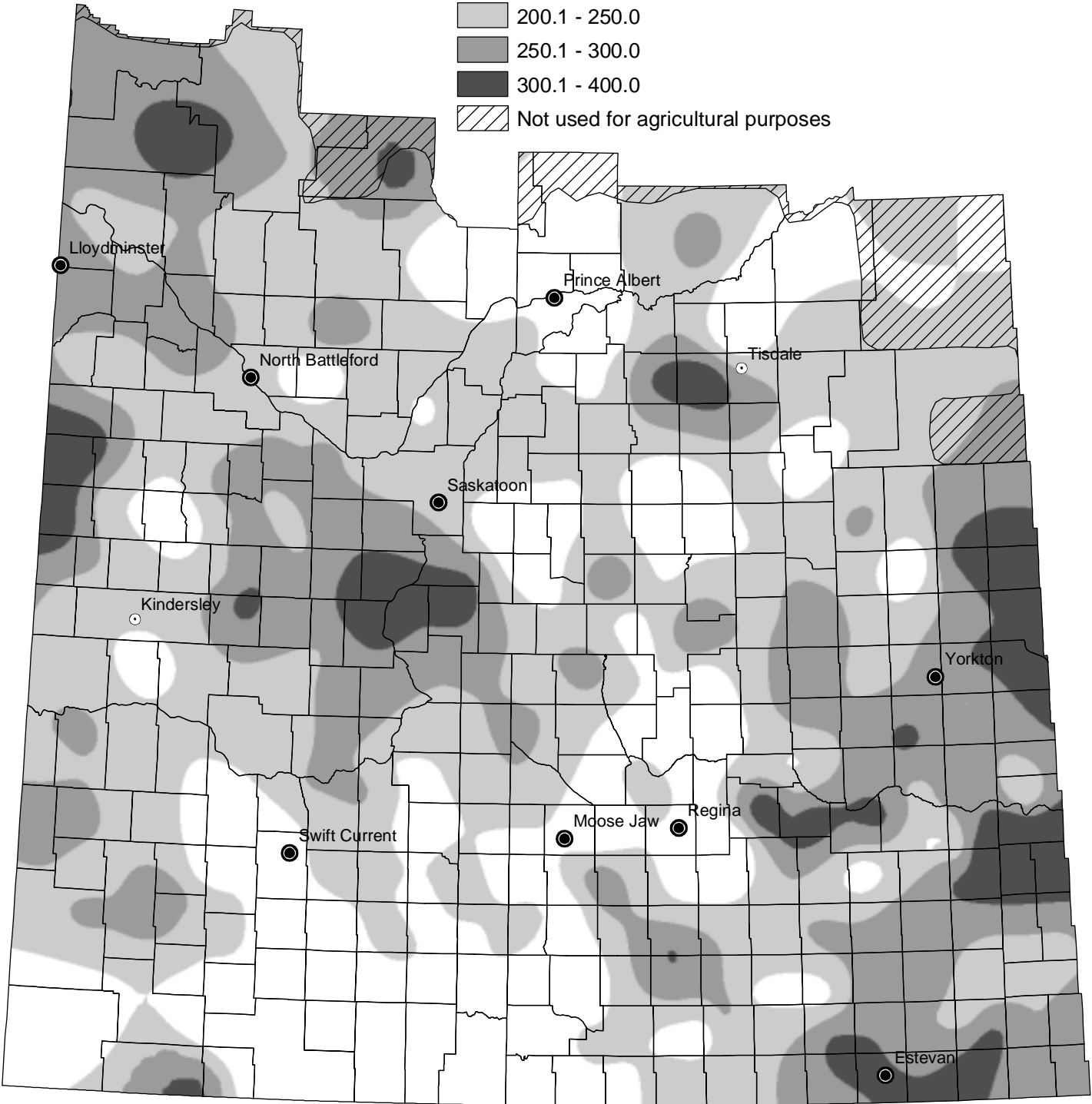
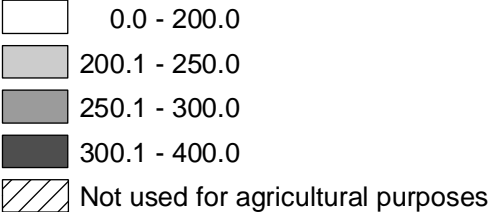
\* incomplete

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

# Cumulative Rainfall

## From April 1 to July 30, 2005

### Rainfall (mm)



# Crop Districts and Rural Municipalities

