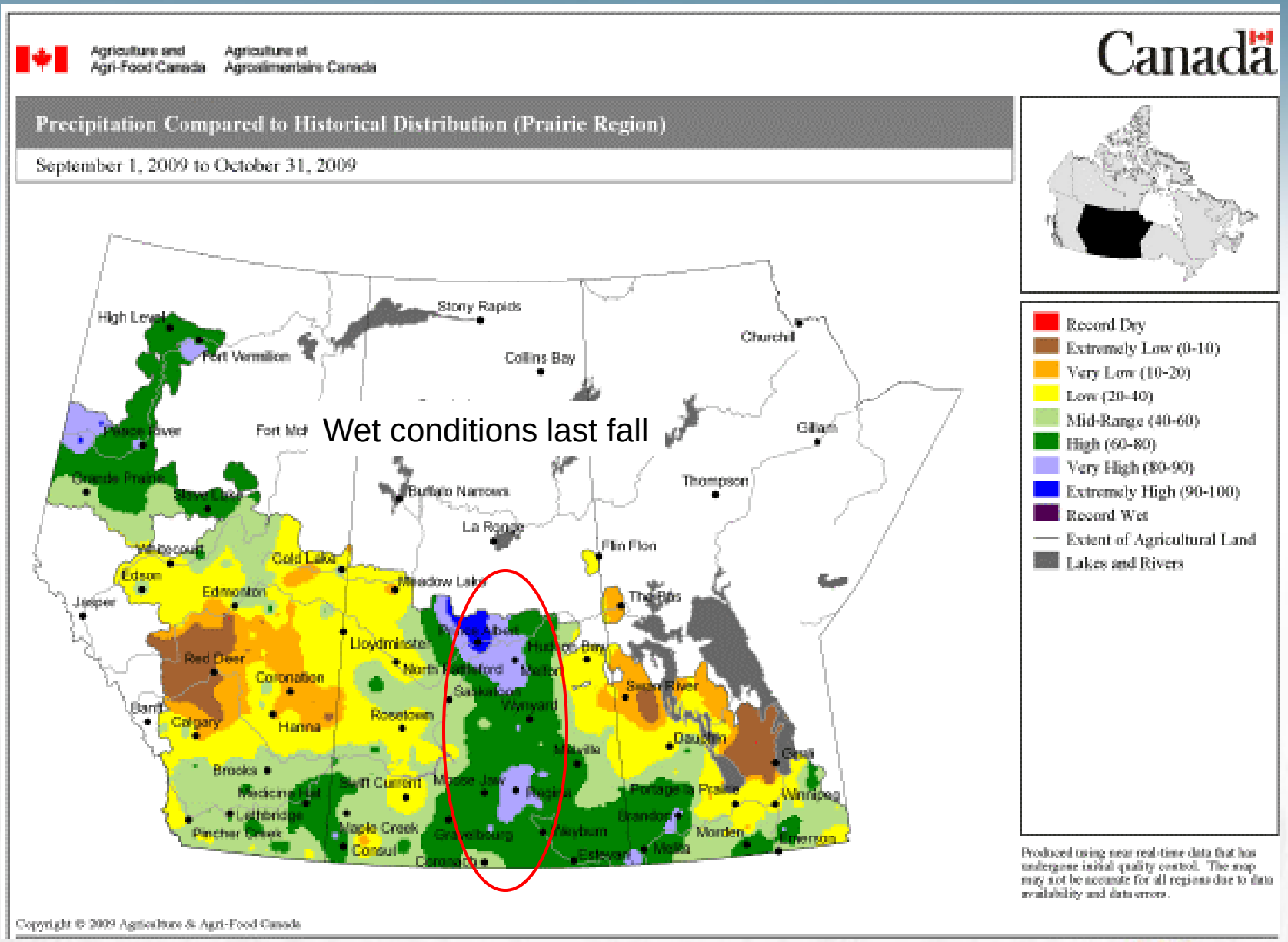
Overview of the wheat and durum crops in Western Canada in 2010

Canadian Wheat Board


Agriculture and Agri-Food Canada
Agriculture et Agroalimentaire Canada
Canada
Precipitation Compared to Historical Distribution (Prairie Region)
September 1, 2009 to October 31, 2009
Wet conditions last fall
Record Dry
Extremely Low (0-10)
Very Low (10-20)
Low (20-40)
Mid-Range (40-60)
High (60-80)
Very High (80-90)
Extremely High (90-100)
Record Wet
Extent of Agricultural Land
Lakes and Rivers
Produced using near real-time data that has undergone initial quality control. The map may not be accurate for all regions due to data availability and data errors.
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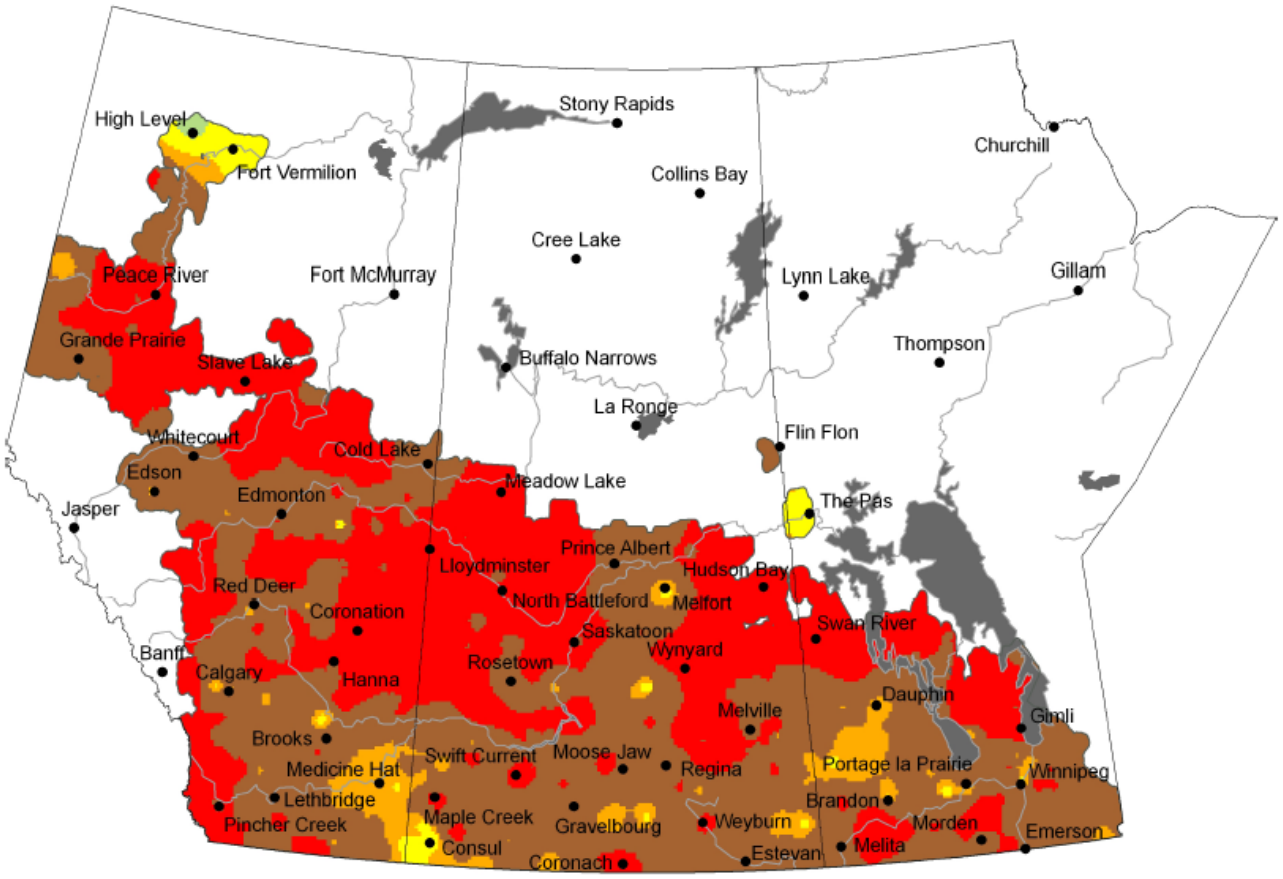
Canada

Precipitation Compared to Historical Distribution (Prairie Region)

November 1, 2009 to March 31, 2010



- Record Dry
- Extremely Low (0-10)
- Very Low (10-20)
- Low (20-40)
- Mid-Range (40-60)
- High (60-80)
- Very High (80-90)
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- Lakes and Rivers

Produced using near real-time data that has undergone initial quality control. The map may not be accurate for all regions due to data availability and data errors.

CWB

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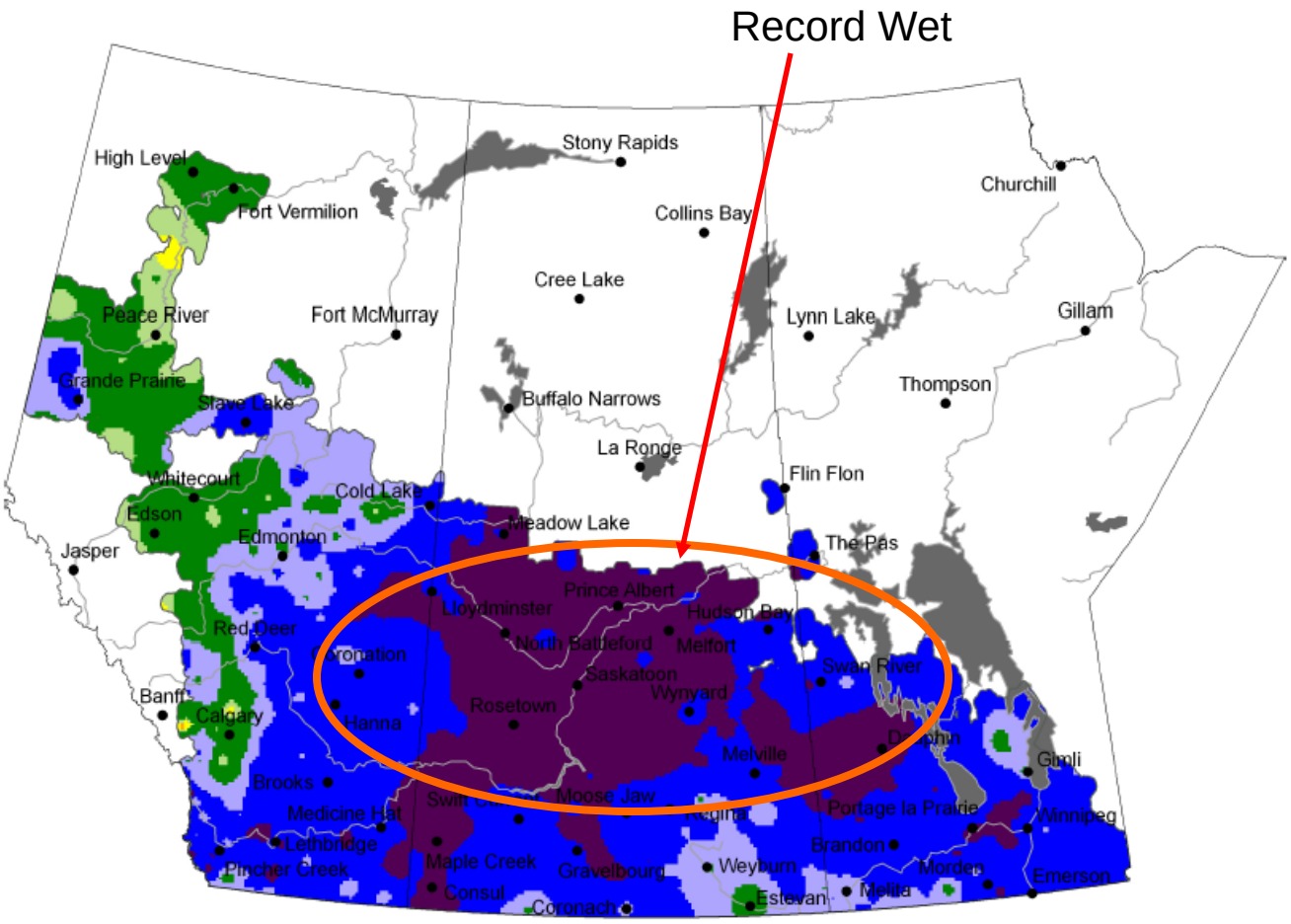
Canada

Precipitation Compared to Historical Distribution (Prairie Region)

April 1, 2010 to June 2, 2010



- Record Dry
- Extremely Low (0-10)
- Very Low (10-20)
- Low (20-40)
- Mid-Range (40-60)
- High (60-80)
- Very High (80-90)
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- Record Wet
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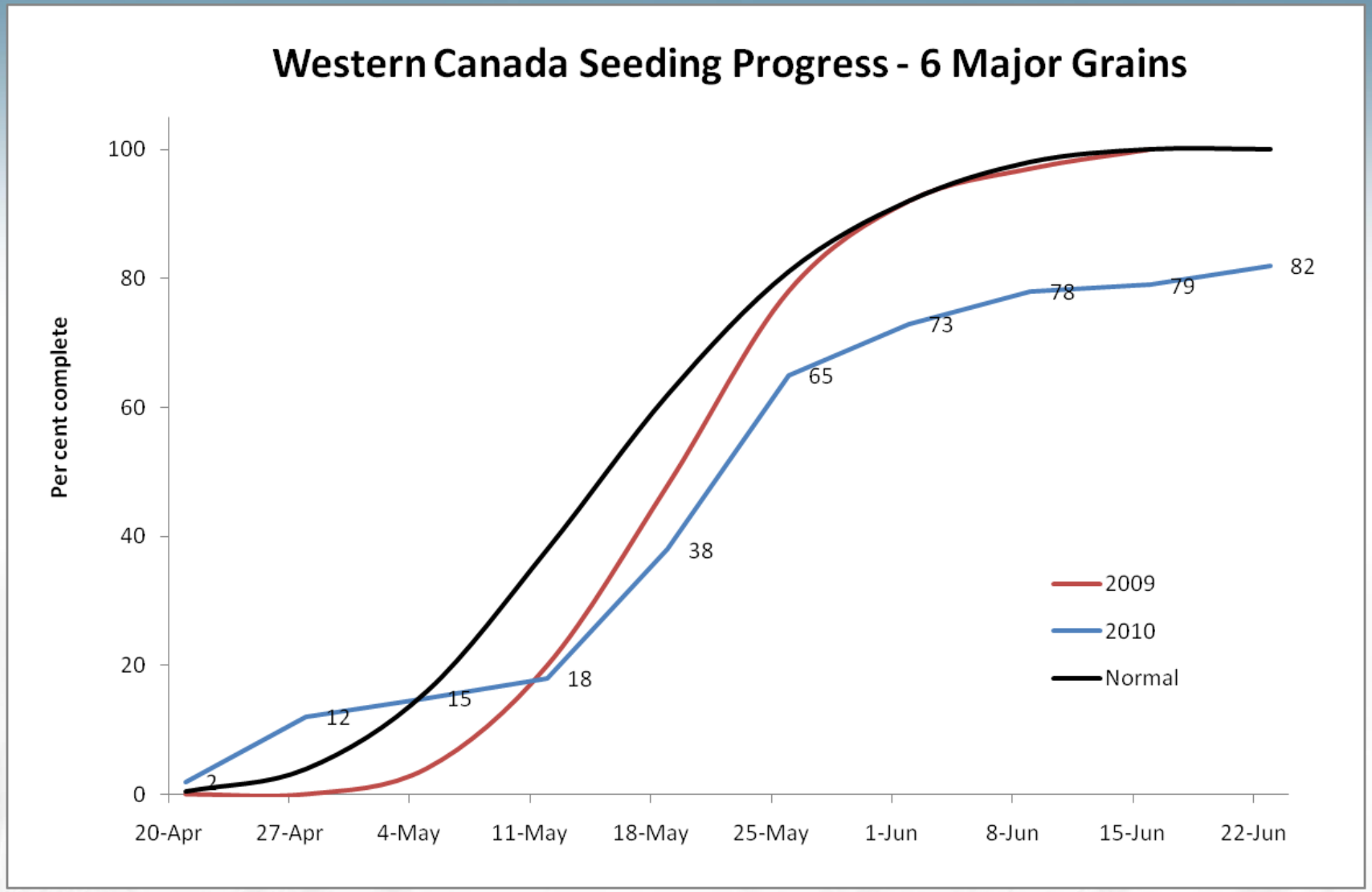
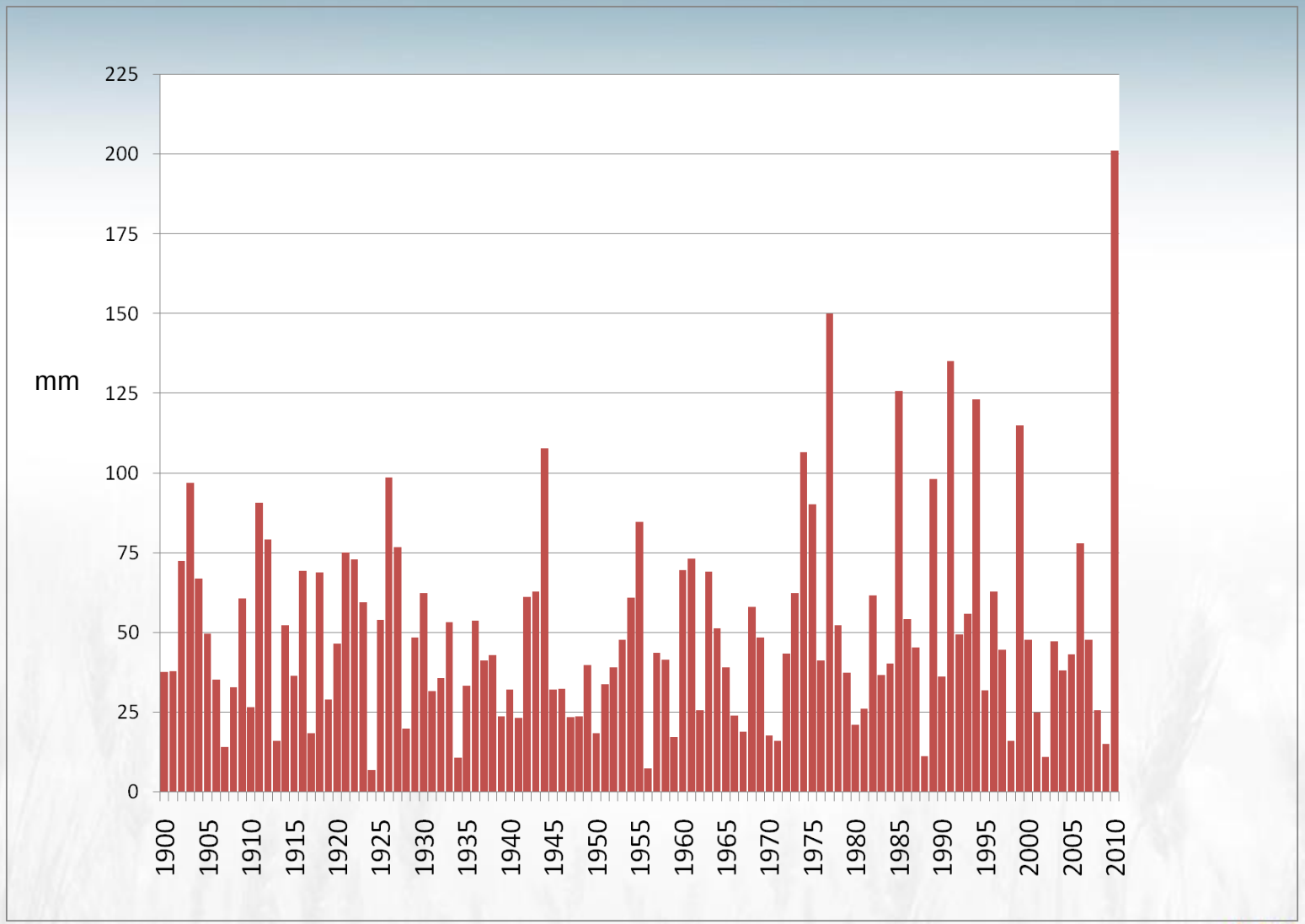
- Lakes and Rivers

Produced using near real-time data that has undergone initial quality control. The map may not be accurate for all regions due to data availability and data errors.

CWB


Western Canada Seeding Progress - 6 Major Grains
Per cent complete
100
80
60
40
20
0
20-Apr
27-Apr
4-May
11-May
18-May
25-May
1-Jun
8-Jun
15-Jun
22-Jun
2
12
15
18
38
65
73
78
79
82
2009
2010
Normal

Saskatoon April & May Precipitation



Western Canadian Impact

Medicine Hat, AB

Cypress County, AB

Trans-Canada Highway

Medicine Hat, AB Monday June 21

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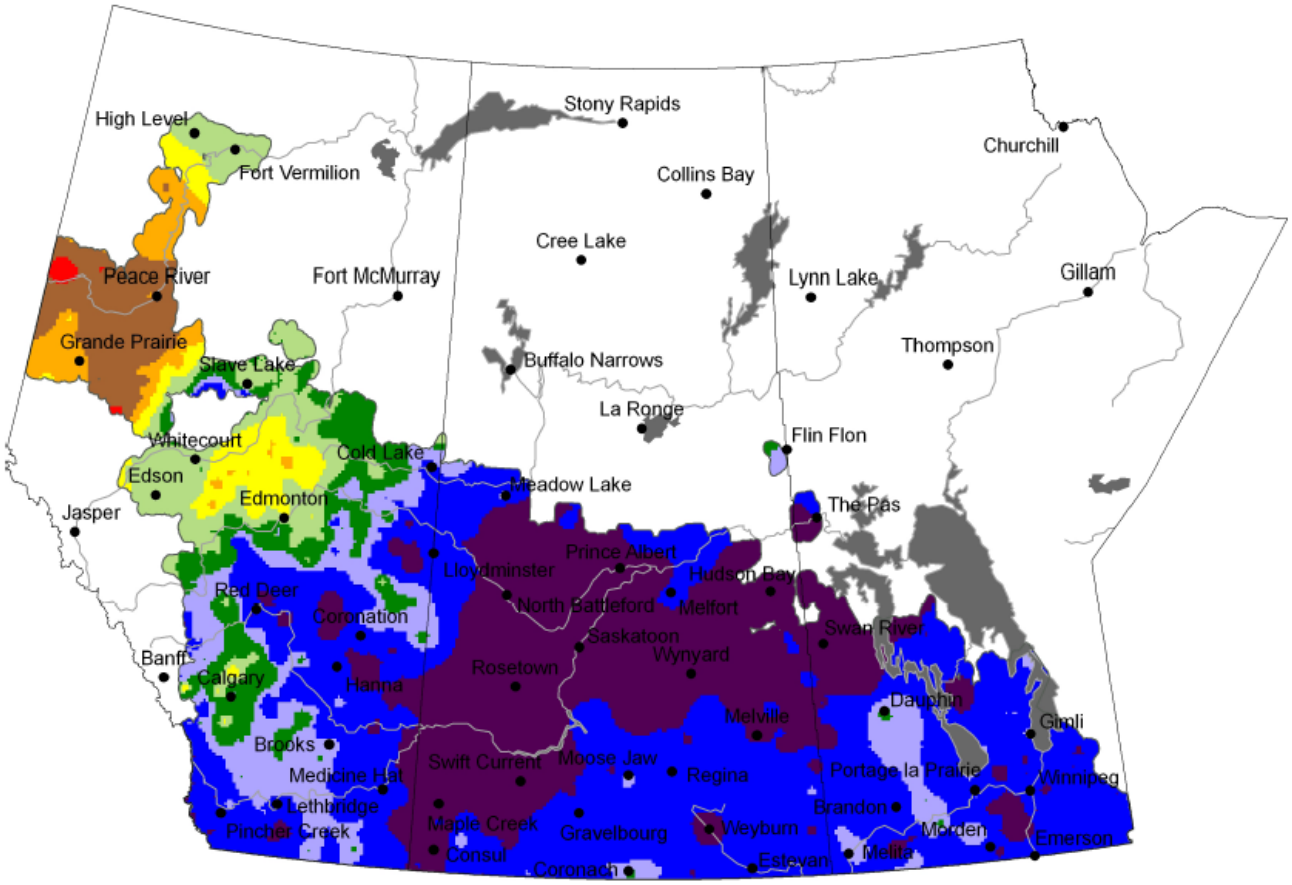
Canada

Precipitation Compared to Historical Distribution (Prairie Region)

April 1, 2010 to October 13, 2010



- Record Dry
- Extremely Low (0-10)
- Very Low (10-20)
- Low (20-40)
- Mid-Range (40-60)
- High (60-80)
- Very High (80-90)
- Extremely High (90-100)
- Record Wet
- Extent of Agricultural Land
- Lakes and Rivers

Produced using near real-time data that has undergone initial quality control. The map may not be accurate for all regions due to data availability and data errors.

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Created: 10/14/10
www.agr.gc.ca/drought

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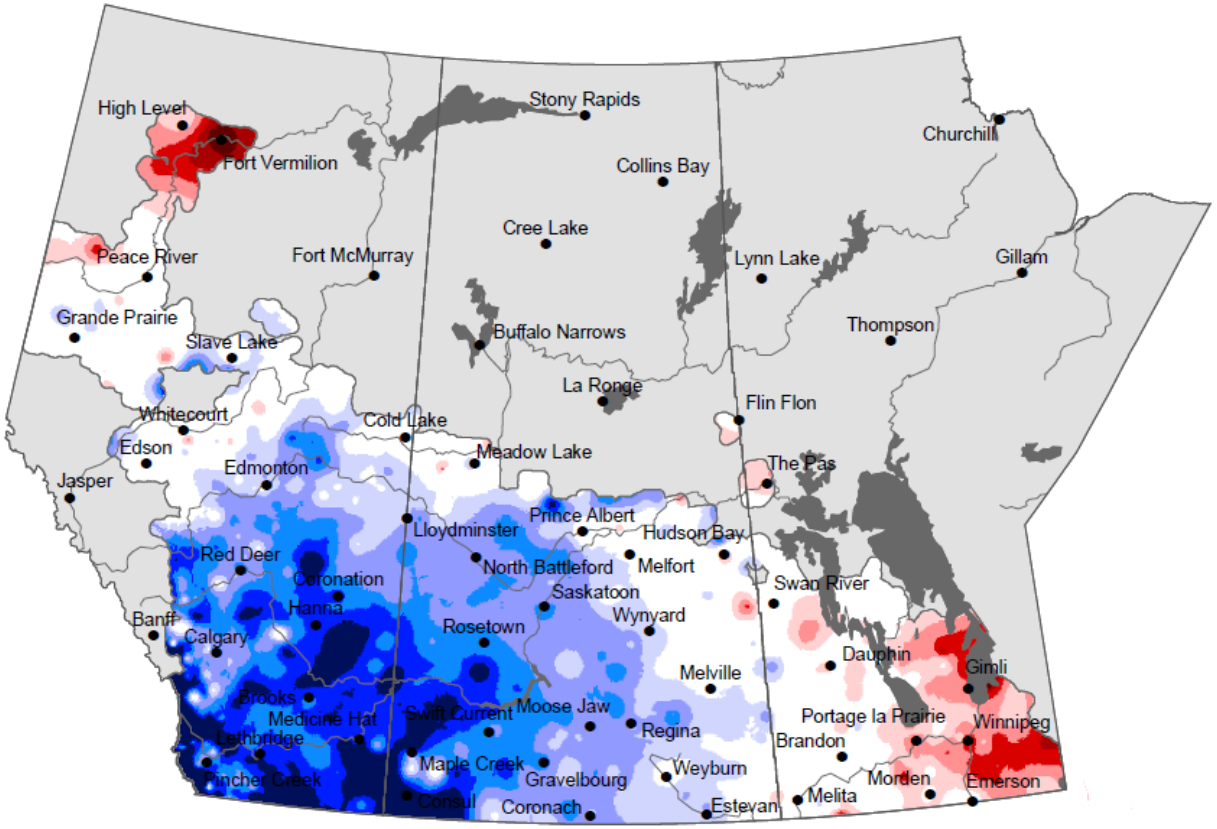
Growing Degree Days Departure From Normal - Base 5 (Prairie Region)

April 1 to September 20, 2010



- <= -250
- -249.9 to -200
- -199.9 to -150
- -149.9 to -100
- -99.9 to -50
- -49.9 to 50
- 50.1 to 100
- 100.1 to 150
- 150.1 to 200
- 200.1 to 250
- > 250
- Non-Agricultural Areas

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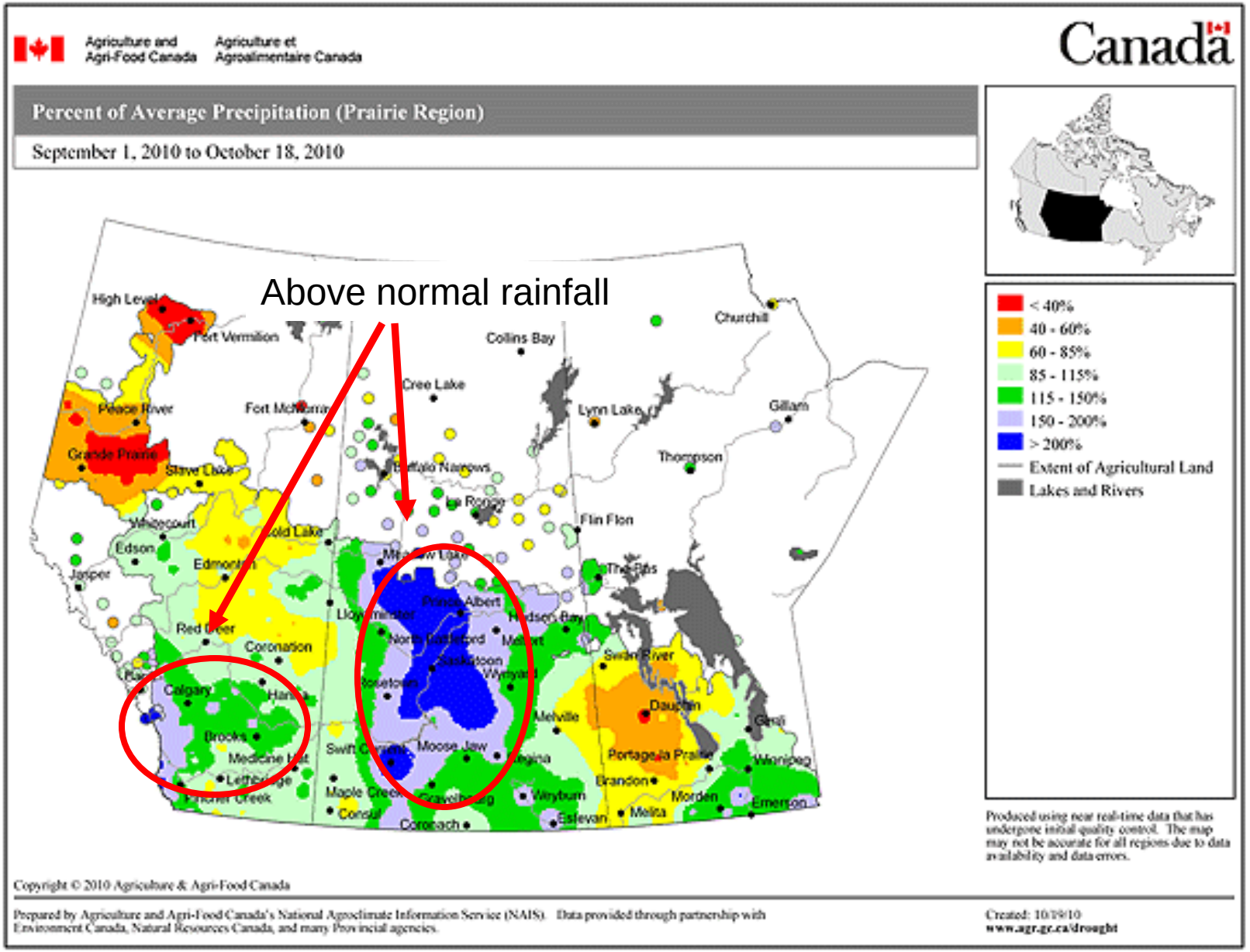
Agriculture and Agri-Food Canada
Agriculture et Agroalimentaire Canada
Canada
Percent of Average Precipitation (Prairie Region)
September 1, 2010 to October 18, 2010
Above normal rainfall
< 40%
40 - 60%
60 - 85%
85 - 115%
115 - 150%
150 - 200%
> 200%
Extent of Agricultural Land
Lakes and Rivers
Produced using near real-time data that has undergone initial quality control. The map may not be accurate for all regions due to data availability and data errors.
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Created: 10/19/10
www.agr.gc.ca/drought

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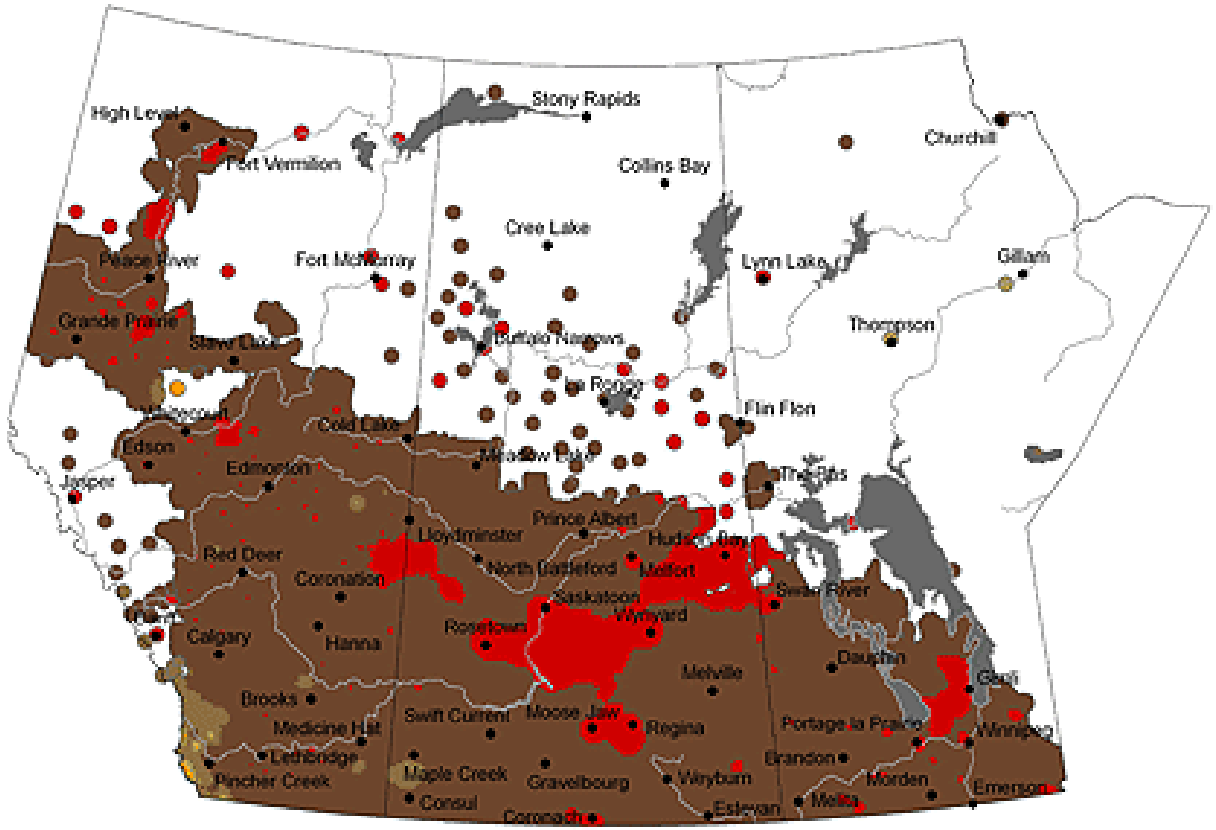
Canada

7 Day Accumulated Precipitation (Prairie Region)

October 7, 2010 to October 13, 2010



- 0 mm
- 0 - 5 mm
- 5 - 10 mm
- 10 - 15 mm
- 15 - 20 mm
- 20 - 25 mm
- 25 - 30 mm
- 30 - 40 mm
- 40 - 50 mm
- 50 - 60 mm
- 60 - 70 mm
- 70 - 80 mm
- 80 - 90 mm
- 90 - 100 mm
- 100 - 125 mm
- 125 - 150 mm
- 150 - 200 mm
- > 200 mm
- Extent of Agricultural Land
- Lakes and Rivers

Produced using near real-time data that has undergone initial quality control. The map may not be accurate for all regions due to data availability and data errors.

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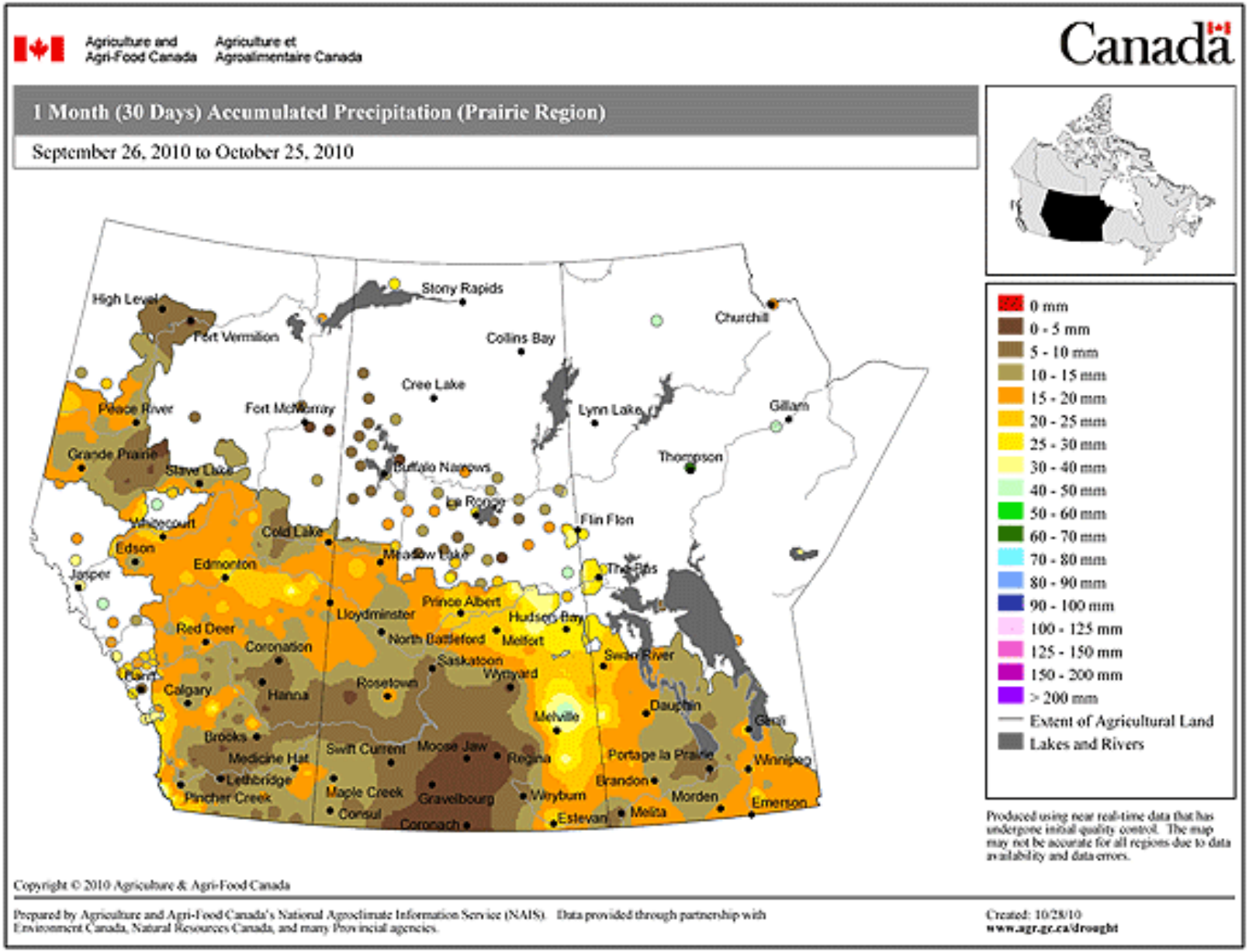
Created: 10/14/10
www.agr.gc.ca/drought


Agriculture and Agri-Food Canada
Agriculture et Agroalimentaire Canada
Canada
1 Month (30 Days) Accumulated Precipitation (Prairie Region)
September 26, 2010 to October 25, 2010
High Level
Fort Vermilion
Stony Rapids
Churchill
Collins Bay
Cree Lake
Peace River
Fort McMurray
Lynn Lake
Gillam
Grande Prairie
Slave Lake
Buffalo Narrows
Thompson
La Ronge
Whitecourt
Cold Lake
Flin Flon
Edson
Meadow Lake
Edmonton
The Pas
Jasper
Prince Albert
Lloydminster
Hudson Bay
Red Deer
North Battleford
Melfort
Coronation
Saskatoon
Swan River
Wynyard
Rosetown
Calgary
Hanna
Melville
Dauphin
Gimli
Brooks
Swift Current
Moose Jaw
Medicine Hat
Regina
Portage la Prairie
Winnipeg
Lethbridge
Brandon
Pincher Creek
Maple Creek
Gravelbourg
Virden
Morden
Emerson
Consul
Estevan
Melita
Coronach
0 mm
0 - 5 mm
5 - 10 mm
10 - 15 mm
15 - 20 mm
20 - 25 mm
25 - 30 mm
30 - 40 mm
40 - 50 mm
50 - 60 mm
60 - 70 mm
70 - 80 mm
80 - 90 mm
90 - 100 mm
100 - 125 mm
125 - 150 mm
150 - 200 mm
> 200 mm
Extent of Agricultural Land
Lakes and Rivers
Produced using near real-time data that has undergone initial quality control. The map may not be accurate for all regions due to data availability and data errors.
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Created: 10/28/10
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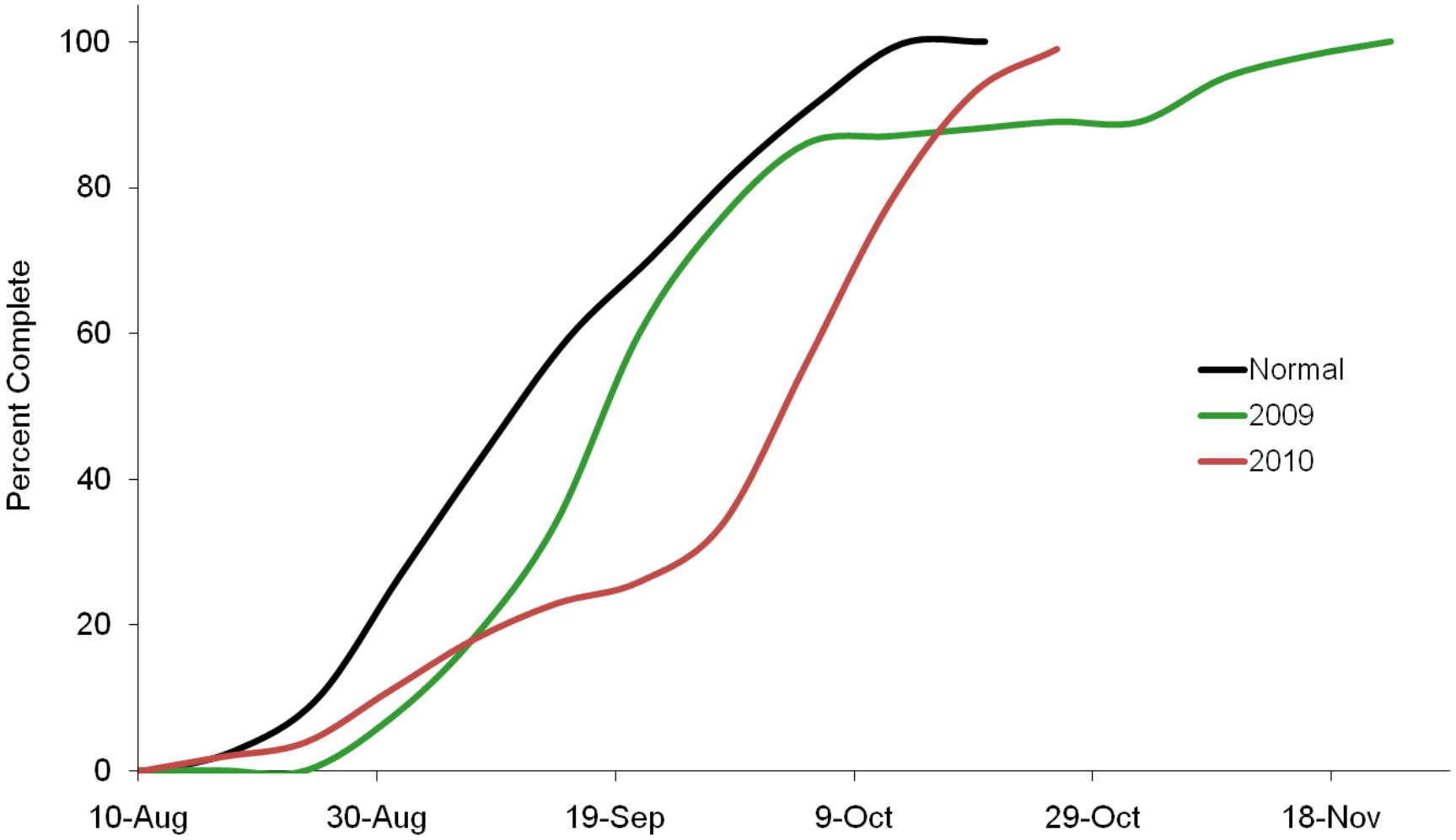
Western Canada Harvest Progress

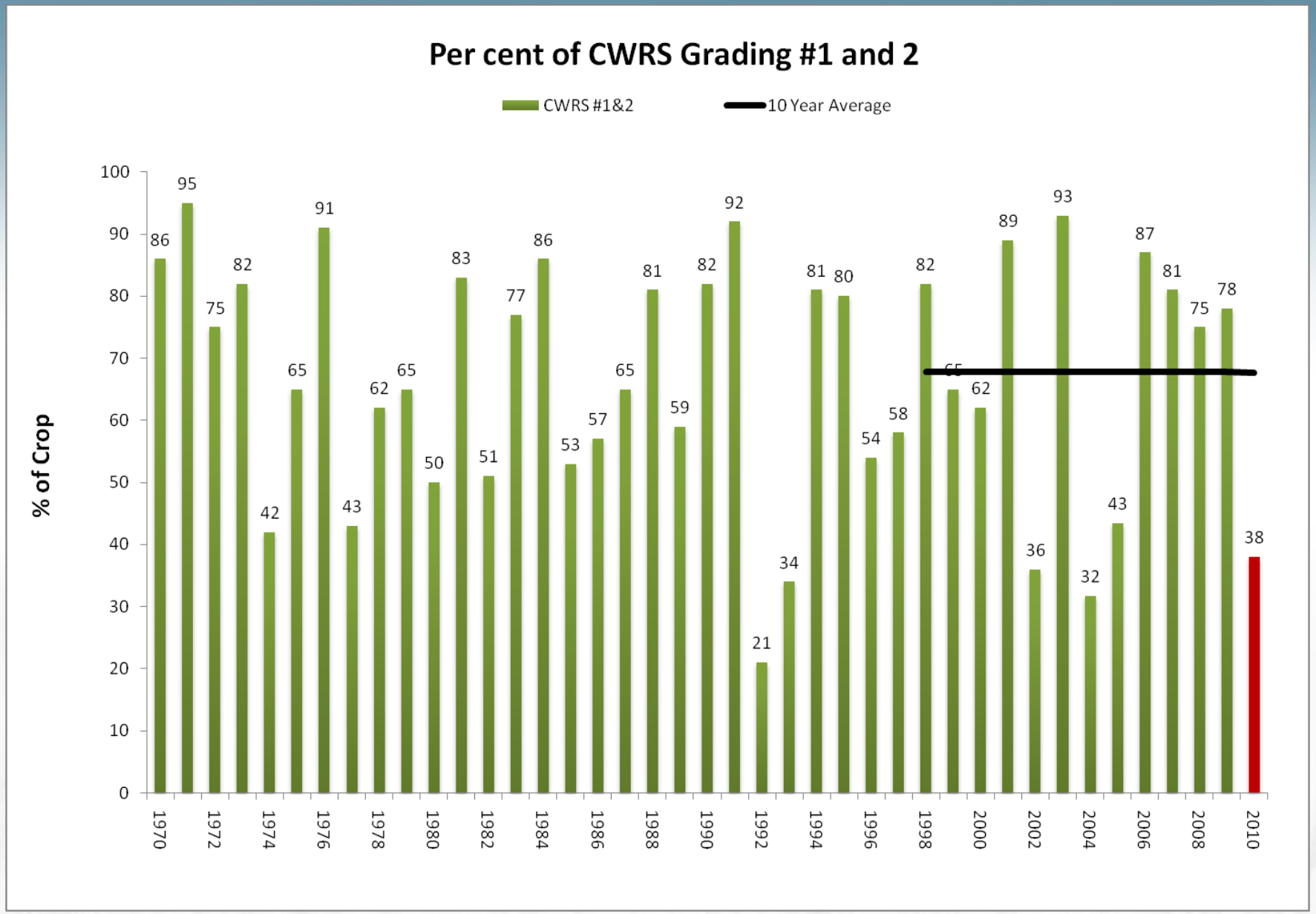


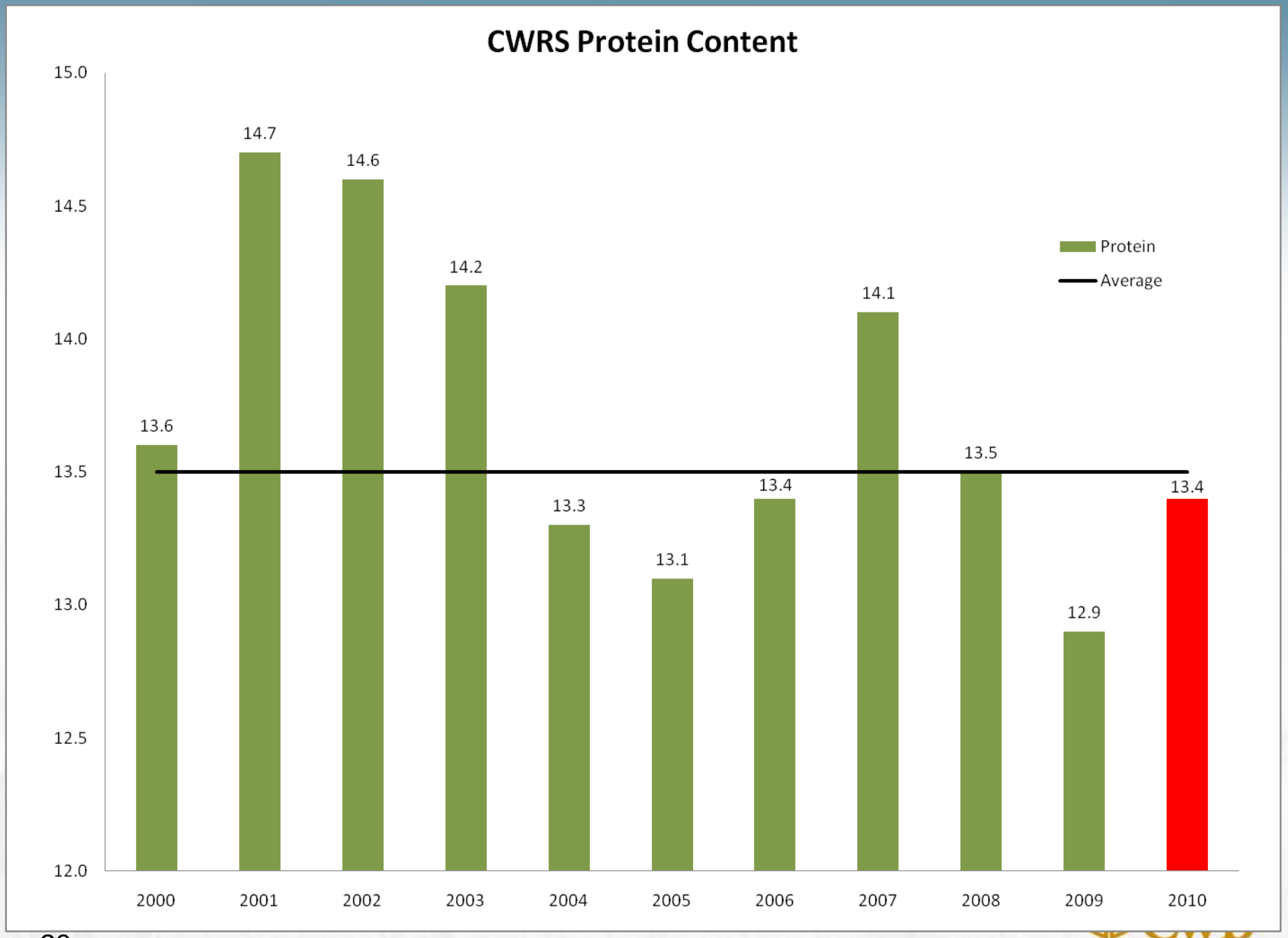
Western Canada Harvested Area (million ha)

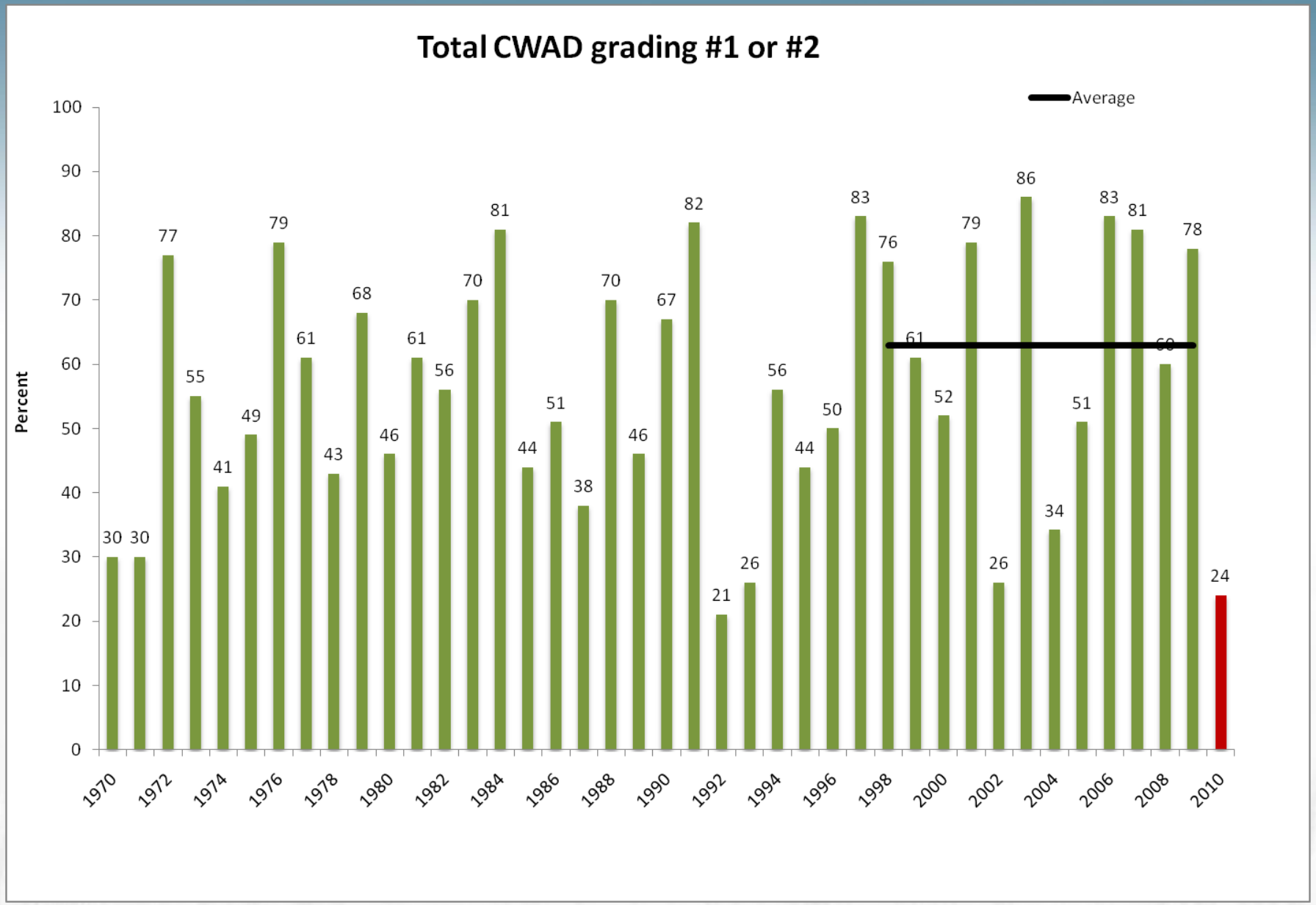
	2005-09 Avg.	Stats. Can. 2008	Stats. Can. 2009	WMA 2010	% Change 2010/09
All Wheat	9.08	9.39	9.279	7.342	-20.9%
Spring Wheat	6.66	6.43	6.691	5.826	-12.9%
Durum	2.08	2.42	2.230	1.278	-42.7%
Winter Wheat	0.34	0.54	0.358	0.237	-33.9%
Oats	1.33	1.31	1.174	0.791	-32.6%
Barley	3.31	3.30	2.843	2.399	-15.6%
Rye	0.12	0.11	0.111	0.081	-27.3%
Flax (incl. Solin)	0.69	0.63	0.690	0.368	-46.6%
Canola	5.79	6.45	6.151	5.365	-12.8%
Six Major Grains	20.31	21.20	20.248	16.346	-19.3%
Peas	1.41	1.58	1.487	1.365	-8.2%
Lentils	0.68	0.61	0.935	1.088	16.4%

Western Canada Grain Production (million tonnes)

	2005-09 Avg.	Stats. Can. 2008	Stats. Can. 2009	WMA 2010	% Change 2010/09
All Wheat	23.08	25.48	24.65	20.48	-16.9%
Spring Wheat	17.15	17.99	18.13	16.31	-10.1%
Durum	4.79	5.52	5.40	3.26	-39.6%
Winter Wheat	1.15	1.98	1.12	0.91	-18.9%
Oats	3.51	3.96	2.57	2.07	-19.7%
Barley	10.19	11.21	8.92	8.10	-9.2%
Rye	0.27	0.27	0.24	0.20	-18.4%
Flax (incl. Solin)	0.91	0.86	0.93	0.47	-49.7%
Canola	10.18	12.56	12.35	10.12	-18.1%
Six Major Grains	48.15	54.34	49.67	41.43	-16.6%
Peas	3.06	3.57	3.38	2.89	-14.5%
Lentils	1.00	0.93	1.41	1.48	5.1%


Per cent of CWRS Grading #1 and 2
CWRS #1&2
10 Year Average
% of Crop
100
90
80
70
60
50
40
30
20
10
0
86
95
75
82
42
65
91
43
62
65
50
83
51
77
86
53
57
65
81
59
82
92
21
34
81
80
54
58
82
65
62
89
36
93
32
43
87
81
75
78
38
1970
1972
1974
1976
1978
1980
1982
1984
1986
1988
1990
1992
1994
1996
1998
2000
2002
2004
2006
2008
2010


CWRS Protein Content
15.0
14.5
14.0
13.5
13.0
12.5
12.0
13.6
14.7
14.6
14.2
13.3
13.1
13.4
14.1
13.5
12.9
13.4
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
Protein
Average


Total CWAD grading #1 or #2
Average
Percent
100
90
80
70
60
50
40
30
20
10
0
30 30 77 55 41 49 79 61 43 68 46 61 56 70 81 44 51 38 70 46 67 82 21 26 56 44 50 83 76 61 52 79 26 86 34 51 83 81 60 78 24
1970 1972 1974 1976 1978 1980 1982 1984 1986 1988 1990 1992 1994 1996 1998 2000 2002 2004 2006 2008 2010

Canadian Wheat S&D (Aug - Jul)

in MT

	2007-08	2008-09	2009-10	2010-11
Harvested Area (MHA)	*8.64*	*10.03*	*9.77*	*7.93*
Yield (T/Ha)	*2.32*	*2.85*	*2.72*	*2.86*
Carry-in	6.87	4.38	6.50	6.72
Production	20.05	28.61	26.57	22.69
Total Supply	26.92	32.99	33.07	29.41
Domestic Use	6.68	7.89	8.00	7.60
Exports	15.86	18.61	18.35	15.79
Carry-out	4.38	6.50	6.72	6.02

Source: CWB

Canadian durum S&D (Aug - Jul)

in MT

	2007-08	2008-09	2009-10	2010-11
Harvested Area (MHA)	*1.93*	*2.42*	*2.23*	*1.36*
Yield (T/Ha)	*1.91*	*2.28*	*2.45*	*2.40*
Carry-in	1.26	0.82	1.90	2.65
Production	3.68	5.52	5.47	3.26
Total Supply	4.94	6.34	7.37	5.91
Domestic Use	0.95	0.80	0.88	0.87
Exports	3.17	3.64	3.85	3.70
Carry-out	0.82	1.90	2.65	1.34

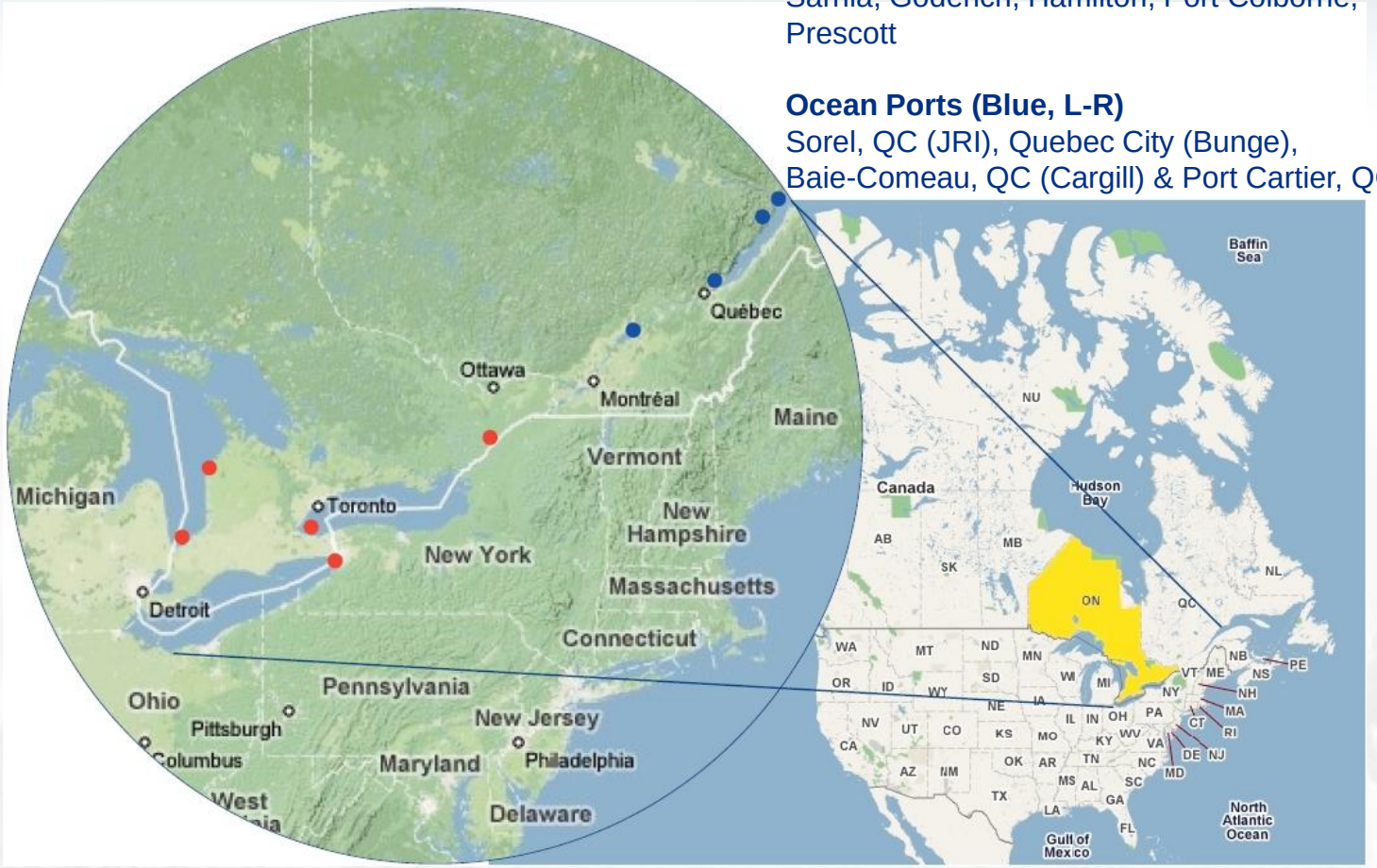
Source: CWB

CWB

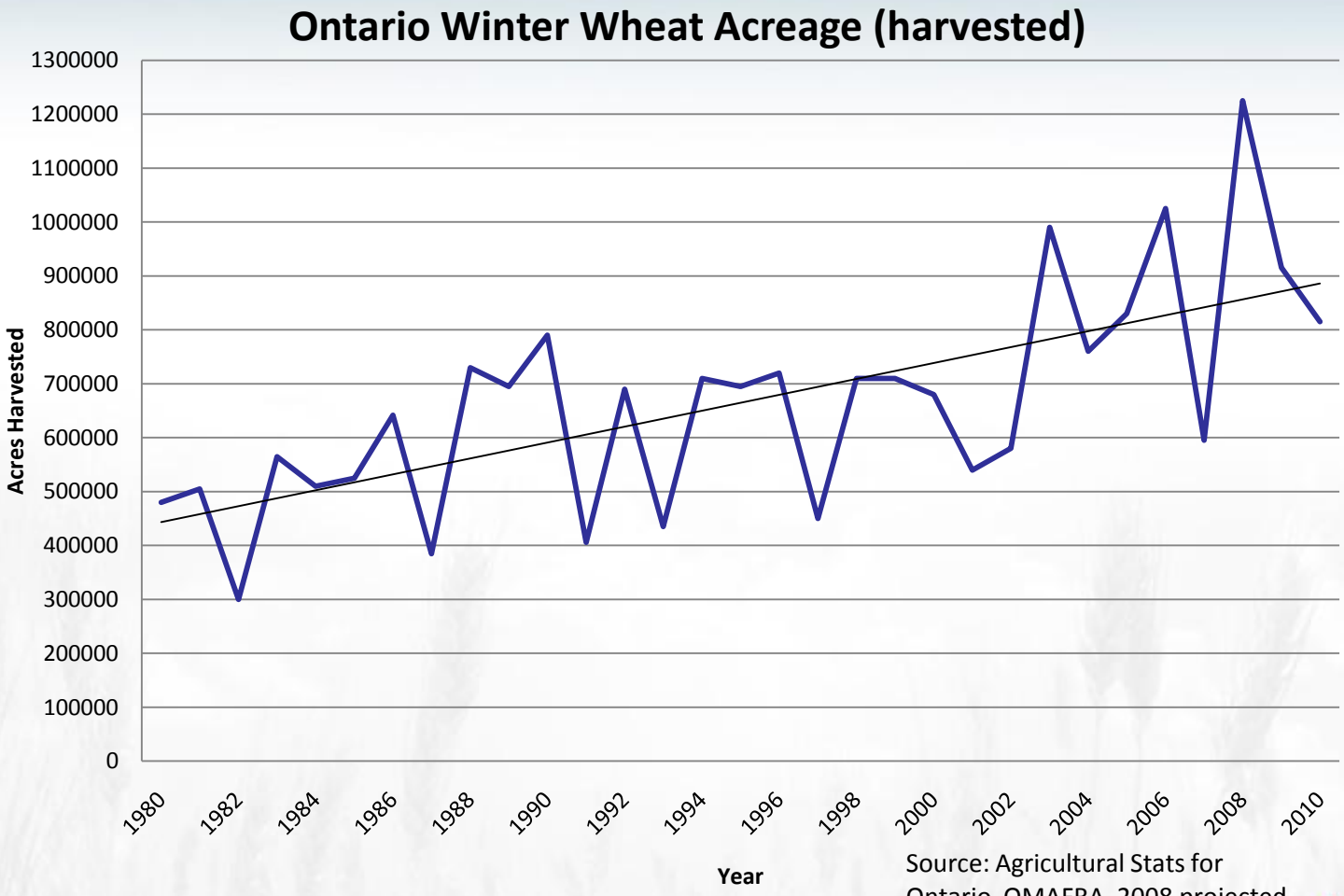
Ontario Wheat Location

Ontario Bay Ports (Red, L-R)
Sarnia, Goderich, Hamilton, Port Colborne, Prescott

Ocean Ports (Blue, L-R)
Sorel, QC (JRI), Quebec City (Bunge), Baie-Comeau, QC (Cargill) & Port Cartier, QC (LD)

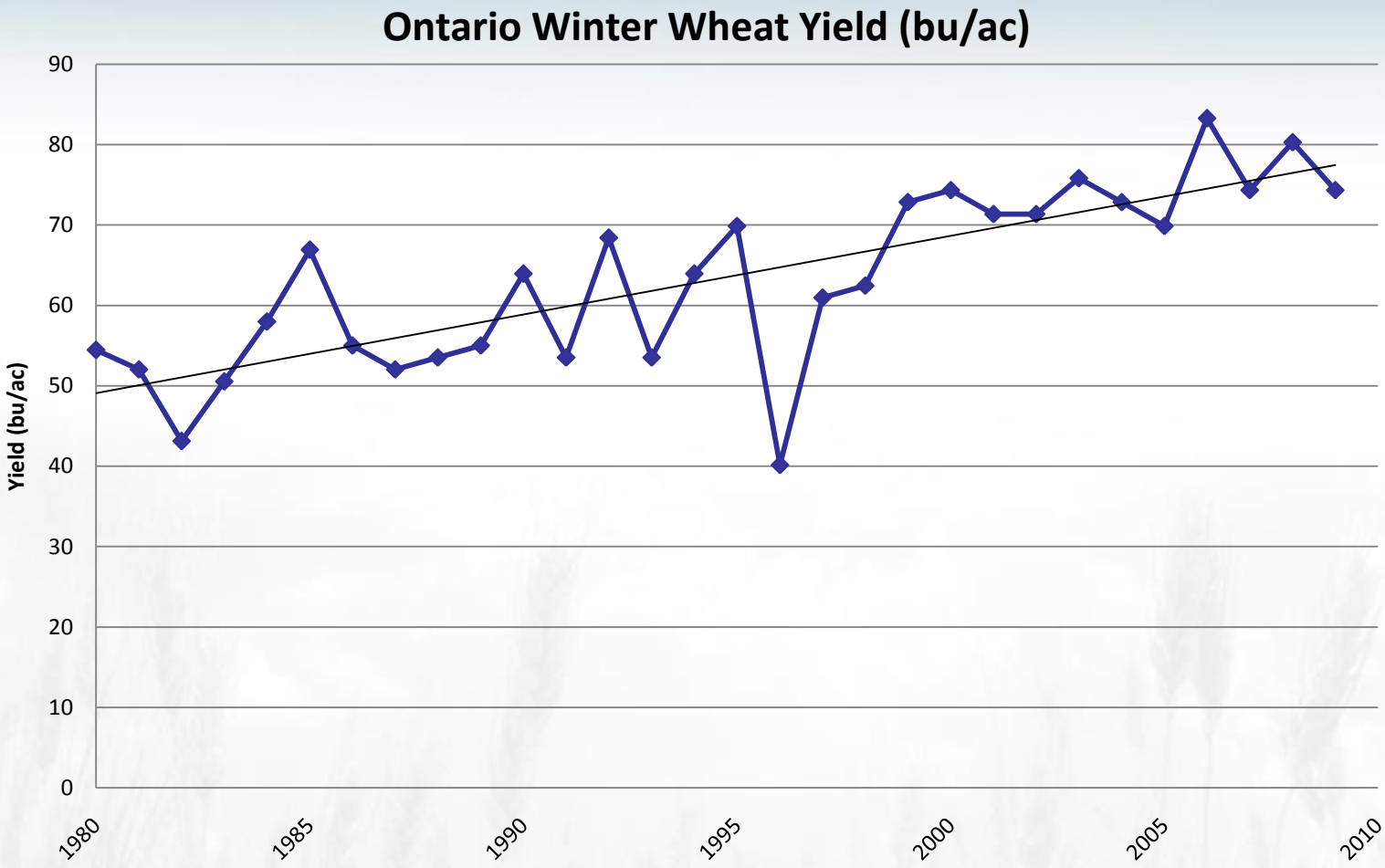


Ontario Wheat Increasing Acreage



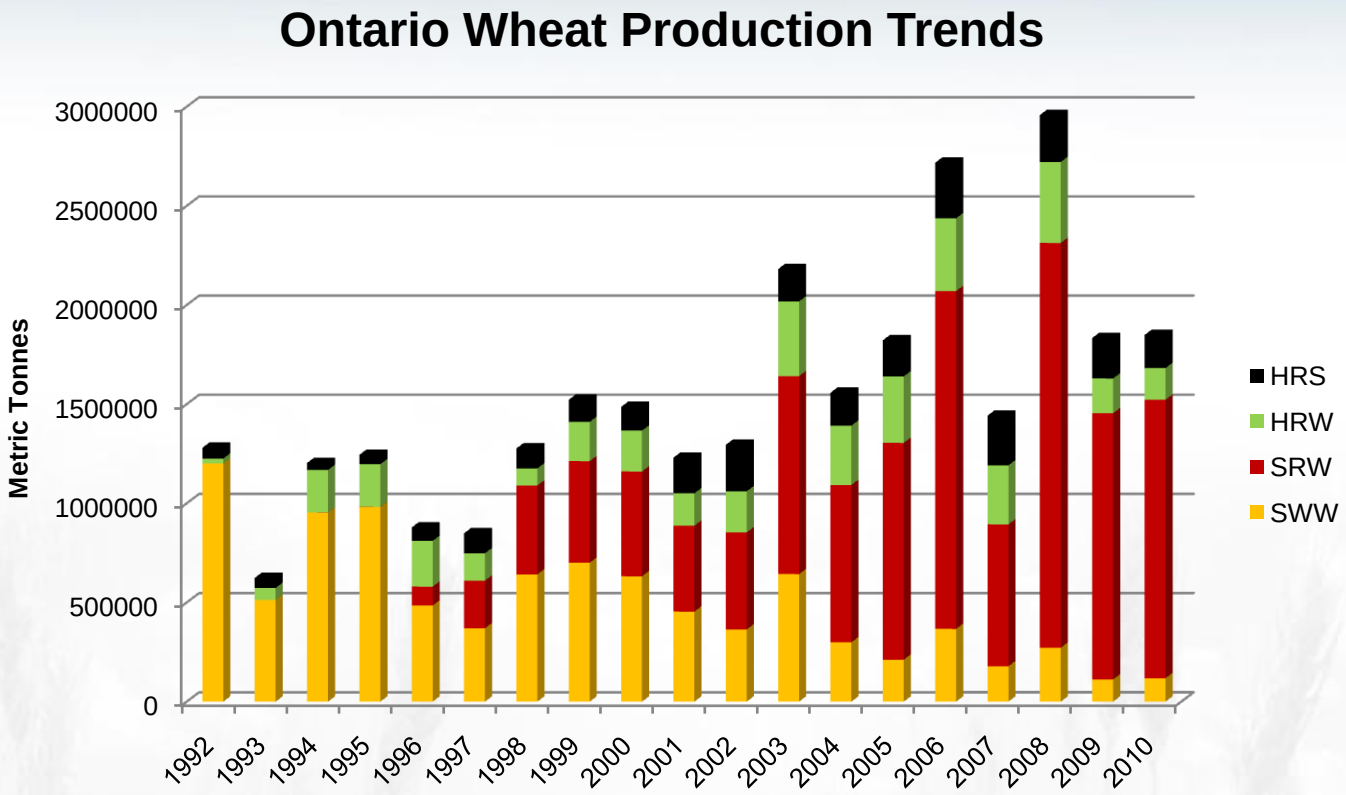
Source: Agricultural Stats for Ontario, OMAFRA, 2008 projected

Ontario Wheat Increasing Yield



Source: Agricultural Stats for Ontario, OMAFRA,

Ontario Wheat Increasing Diversity



On average, Ontario exports 1 million tonnes of wheat.

Contacts:

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