South Saskatchewan River Basin and the Ecological Regions of the Prairie Provinces

Annual Total Precipitation 1961 - 1990.

May-June-July Climate Moisture Index 1961-1990.

Percent of Average Precipitation (1936)
(Based upon Historical Data from 1961-1990)
April 1 to August 31

Prepared by PFRA (Prairie Farm Rehabilitation Administration) using the National Climate Data Archive.
Percent of Average Precipitation
April 1, 1961 to August 31, 1961 (A.M.)

Caption: David Sauchyn

www.agr.gc.ca/pfra/drought

Prepared by Agriculture and Agri-Food Canada (PFRA) using data from the Timely Climate Monitoring Network and the many federal and provincial agencies and volunteers that support it.
Percent of Average Precipitation
April 1, 1984 to August 31, 1984 (A.M.)

www.agr.gc.ca/pfraf/drought

Prepared by Agriculture and Agri-Food Canada (PFRA) using data from the Timely Climate Monitoring Network and the many federal and provincial agencies and volunteers that support it.
Percent of Average Precipitation
April 1, 1988 to August 31, 1988 (A.M.)

www.agr.gc.ca/pfra/drought
Prepared by Agriculture and Agri-Food Canada (PFRA) using data from the Timely Climate Monitoring Network and the many federal and provincial agencies and volunteers that support it.
Prairie Ecoregions in the South Saskatchewan River Basin

Agricultural Land includes: Crop Land, Summerfallow Land, Tame, Seeded, and Natural Land for Pasture, Other.

- 242,756 acres - 75% of agricultural land in RM
- 158,551 acres - 77% of agricultural land in RM
- 222,924 acres - 85% of agricultural land in RM
- 159,873 acres - 76% of agricultural land in RM
- 597,603 acres - 60% of agricultural land in MD

Legend:
- 0.1 - 24
- 25 - 49
- 50 - 74
- 75 - 100
- Zero acres or suppressed to protect confidentiality
Percent of Agricultural Land in Pasture Landuse.
Pasture Land use includes Tame, Seeded and Natural Pasture Land.
Agricultural Land includes: Crop Land, Summerfallow Land, Tame, Seeded, and Natural Land for Pasture, Other.

- 41,097 acres - 20% of agricultural land
- 74,207 acres - 23% of agricultural land
- 382,270 acres - 38% of agricultural land
- 45,431 acres - 22% of agricultural land
- 34,175 acres - 13% of agricultural land

Data Source: Statistic Canada Agricultural Census 2001.
Percent Area of Wheat of Total Crop Landuse. Census of Agriculture 1996. Crop Landuse includes Crop Land only.

- 112,847 acres 78% Wheat of Crop Land
- 94,209 acres 76% Wheat of Crop Land
- 65,664 acres 55% Wheat of Crop Land
- 105,550 acres 63% Wheat of Crop Land
- 258,982 acres 54% Wheat of Crop Land

Data Source: Statadistics Canada Agricultural Census 1996.

Farm Crop Expenses includes:
Fertilizer and lime purchases
Herbicides, insecticides, fungicides, etc.
Seed and plant purchases (excluding materials purchased for resale)

Percent Change
- Less than -20
-10.1 - -20
-0.1 - -10
0
0.1 - 10
10.1 - 20
20.1 - 30
More than 30

CPI data source: Note: Annual average indexes are obtained by averaging the indexes for the 12 months of the calendar year.
CPI: 2002: 100.0; 1995: 87.8; 2000: 95.4; (Year/CPI)^100
Use of Irrigation - Acres. Census of Agriculture 2001
South Saskatchewan River Basin

ACRES
- Less than 1,000
- 1,001 - 5,000
- 5,001 - 10,000
- 10,001 - 100,000
- 100,001 - 282,986

Zero acres or suppressed to protect confidentiality

South Saskatchewan River Basin.

- 0.5% of irrigated Crop Land
- 58% of irrigated Crop Land
- 21% of irrigated Crop Land
- 2% of irrigated Crop Land

Percent Area of Wheat of Total Crop Landuse. Census of Agriculture 1996.
Crop Landuse includes Crop Land only.

Data Source: Statadistics Canada, Agricultural Census 1996.
Percent of Hay and Field Crop Other than Wheat - Acres.
Crop Landuse includes Crop Land only.


Oat, barley, mixed grains, rye, alfalfa and alfalfa mixtures, all other tame hay and fodder crops, canola (rapeseed), flaxseed, mustard seed, potatoes, dry field peas, lentiles, total dry field beans, chick peas, forage seed for seed, other field crops.
South Saskatchewan River Basin

4,668 acres
3% of crop land

37,309 acres
8% of crop land

South Saskatchewan River Basin

- 11,711 acres (7% of crop land)
- 16,077 acres (13% of crop land)
- 12,518 acres (9% of crop land)
- 33,569 acres (20% of crop land)

1,846 acres (Less than 1% of crop land)

Data Source: Statistics Canada, 2001 Agricultural Census.

Crop Landuse includes Crop Land only.

- 1,788 acres, 1% of crop land
- 2,701 acres, 2% of crop land
- 11,542 acres, 8% of crop land
- 8,546 acres, 5% of crop land


Dry field beans include: white beans, chick peas, and other dry beans.

- 25,751 acres (14% of crop land)
- 15,798 acres (13% of crop land)
- 5,516 acres (4% of crop land)
- 2,165 acres (1% of crop land)

ACRES
- Less than 10,000
- 10,000 - 19,999
- 20,000 - 29,999
- More than 30,000

Zero acres or suppressed to protect confidentiality

Crop Landuse includes Crop Land only.

- 9,061 acres (5% of crop land)
- 5,810 acres (5% of crop land)
- 10,510 acres (8% of crop land)
- 13,204 acres (8% of crop land)

62,074 acres (13% of crop land)


Crop Landuse includes Crop Land only.

1,949 acres 1% of crop land
2,876 acres 2% of crop land
4,683 acres 3% of crop land
2,761 acres 2% of crop land
5,087 acres 1% of crop land

Change in the Farm Interest Expenses 1995 - 2000.

CPI data source: Note: Annual average indexes are obtained by averaging the indexes for the 12 months of the calendar year. Source: Statistics Canada, CANSIM, table (for fee) 326-0021 and Catalogue nos. 62-001-X, 62-010-X and 62-557-X.
Change in the Average Farm Receipts 1995-2000.


1995: 55 of 285 operators (19%)
1995: 45 of 200 operators (23%)
1995: 60 of 250 operators (24%)
1995: 44 of 260 operators (17%)
1995: 210 of 1,280 operators (16%)

Data Source: Statistics Canada, Agricultural Census 1996.

- 2000: 70 of 255 operators (27%)
- 2000: 75 of 190 operators (39%)
- 2000: 260 of 1,125 operators (23%)
- 2000: 75 of 235 operators (32%)
- 2000: 80 of 250 operators (32%)

Percent Change in the Average Size of Farms.

Percent Change in the Number of Farm Operators.


- Red Deer: -7%
- Riverside: -7%
- Cabri: -17%
- Stewart Valley: -1%
- Sask. Landing: -9%
- Outlook: -8%
- Ruby: 1%
- Fertile Valley: -3%
- Taber: 5%
- Taber MD: 11%

Source: Statistics Canada. 1996 and 2006 Census - 100% Sample Data - Census Subdivision.

<table>
<thead>
<tr>
<th>Location</th>
<th>Percentage Change</th>
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<tbody>
<tr>
<td>Canada</td>
<td>-0.02%</td>
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<tr>
<td>Alberta</td>
<td>14.00%</td>
</tr>
<tr>
<td>Sask.</td>
<td>-8.00%</td>
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</tbody>
</table>

- Riverside No. 168: -17%
- Cabri: -9%
- Sask. Landing No. 167: -16%
- Stewart Valley: -40%
- Rudy No. 284: -3%
- Fertile Valley No. 285: -4%
- Taber: 2%
- Taber MD: 12%