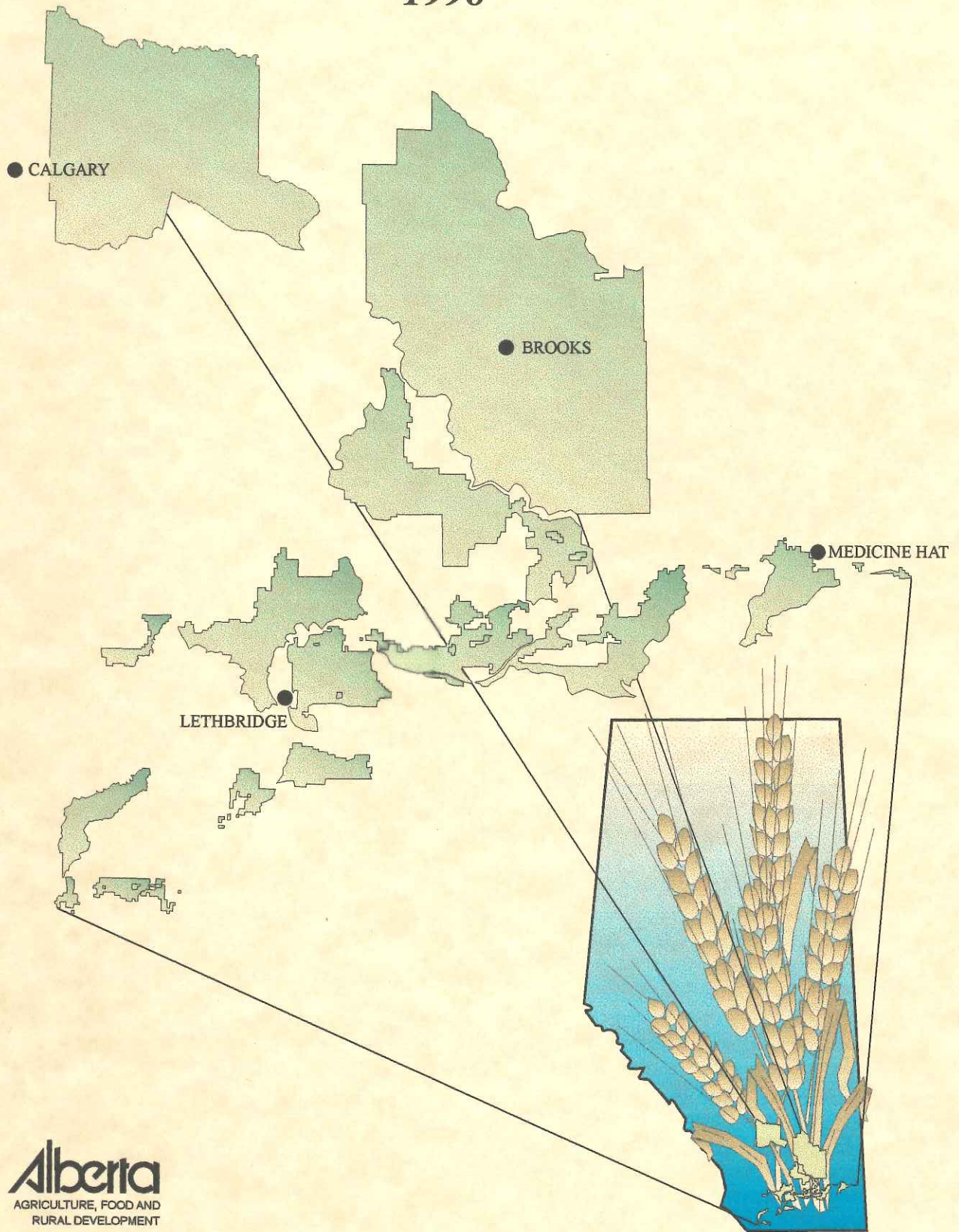


ALBERTA IRRIGATION INFORMATION 1998



ALBERTA IRRIGATION DISTRICTS

Crop and Water Information

1998



May 1999

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Internet address: <http://www.agric.gov.ab.ca/navigation/engineering/irrigation/index.html>

INTRODUCTION

This report is prepared by Alberta Agriculture, Food and Rural Development; Irrigation Branch. The purpose of this booklet is to provide a statistical overview of pertinent irrigation data, relating primarily to the thirteen irrigation districts situated in southern Alberta.

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TABLE II - CROPS GROWN ON ACTUALLY IRRIGATED ACRES WITHIN THE THIRTEEN IRRIGATION DISTRICTS - 1998

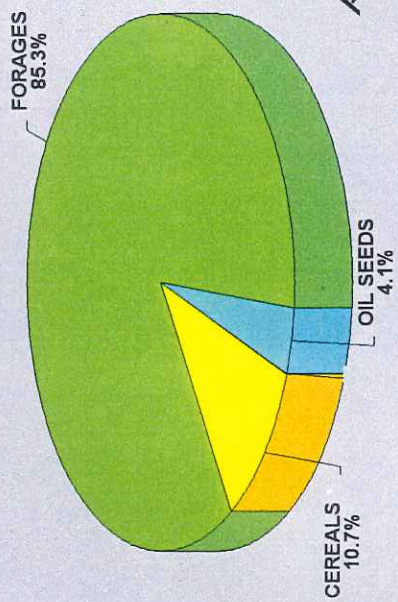
IRRIGATION DISTRICTS														DISTRICT TOTALS			
CROPS	AID	LID	MVID	RCID	sub-total	SMRID West	SMRID East	SMRID sub-total	BRID	EID	LNID	MID	RID	TID	UID	WID	DISTRICT TOTALS
CEREALS	0	500	0	421	921	64,594	81,587	146,181	85,331	69,533	29,609	3,791	10,275	26,396	5,811	16,818	394,666
FORAGES	1,930	3,750	1,053	634	7,367	41,094	53,242	94,336	53,862	159,471	79,109	6,090	18,068	22,907	10,785	38,776	490,771
OIL SEEDS	0	350	0	0	350	18,599	27,354	45,953	27,251	24,814	7,116	1,228	3,861	2,078	584	4,620	117,855
SPECIALTY CROPS	0	0	0	0	0	16,164	38,475	54,639	31,494	20,288	5,749	80	15	25,278	96	2,448	140,087
OTHER	0	0	0	0	0	1,025	624	1,649	259	836	796	0	40	213	0	4,981	8,774
ACTUALLY IRRIGATED ACRES	1,930	4,600	1,053	1,055	8,638	141,476	201,282	342,758	198,197	274,942	122,379	11,189	32,259	76,872	17,276	67,643	1,152,153

This table is a summary of the data from Table I. The data in this table is comprised from the addition of a number of columns from Table I. These are listed below for each title and shown on the pie charts.

CROPS	COLUMNS
Cereals	a to k
Forages	l to x
Oil Seeds	y to ac
Specialty Crops	ad to ba
Other	bb to bc (not shown on pie charts)

IRRIGATED CROPS - 1998

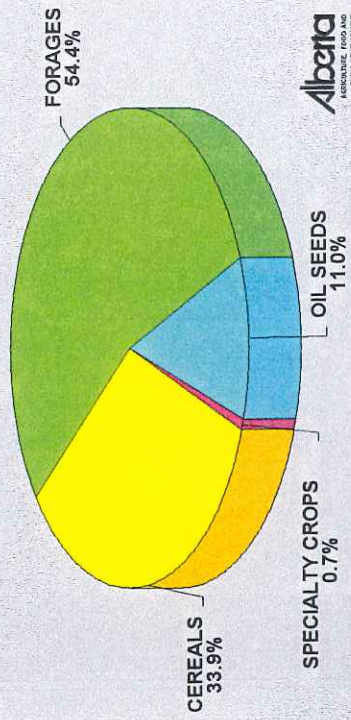
Aetna, Leavitt, Mountain View and Ross
Creek Irrigation Districts



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IRRIGATED CROPS - 1998

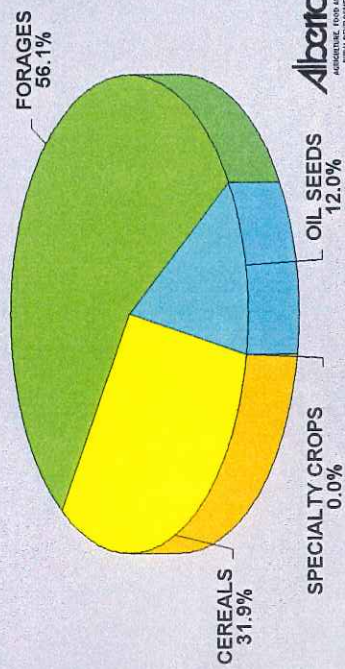
Magrath Irrigation District



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IRRIGATED CROPS - 1998

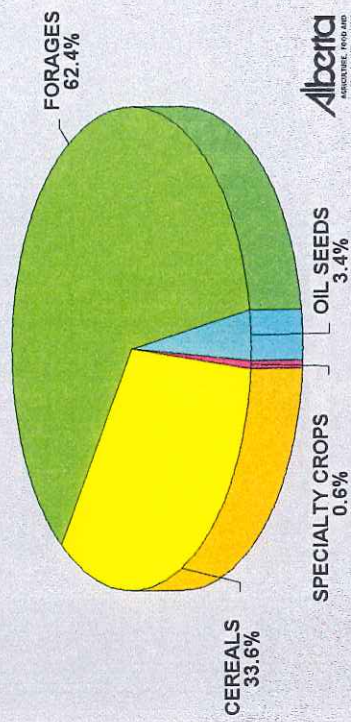
Raymond Irrigation District



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IRRIGATED CROPS - 1998

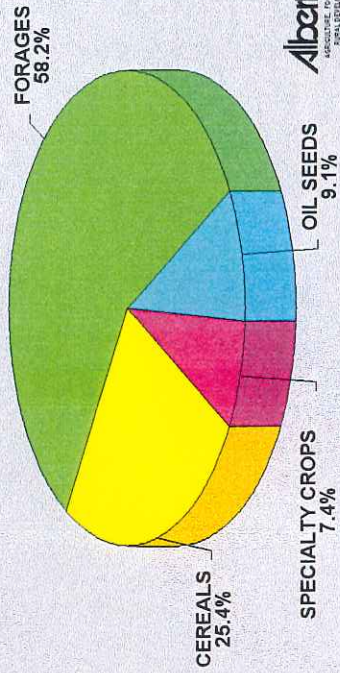
United Irrigation District



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IRRIGATED CROPS - 1998

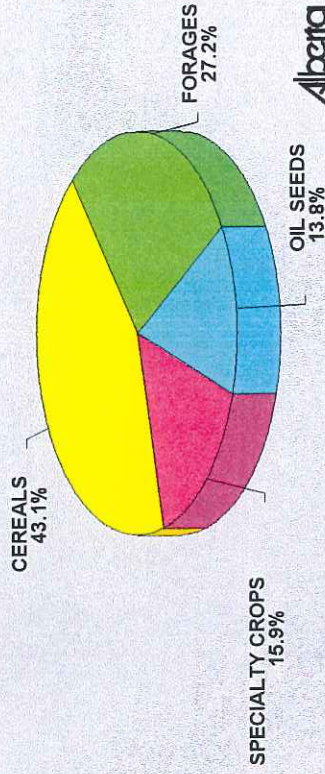
Eastern Irrigation District



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IRRIGATED CROPS - 1998

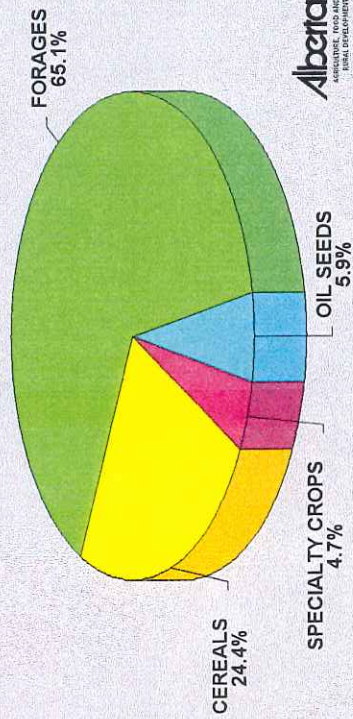
Bow River Irrigation District



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IRRIGATED CROPS - 1998

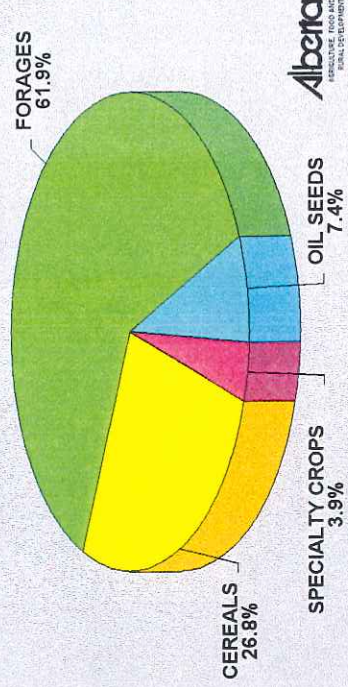
Lethbridge Northern Irrigation District



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IRRIGATED CROPS - 1998

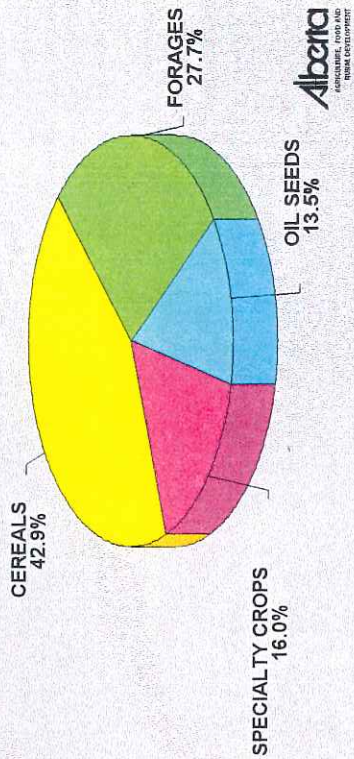
Western Irrigation District



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IRRIGATED CROPS - 1998

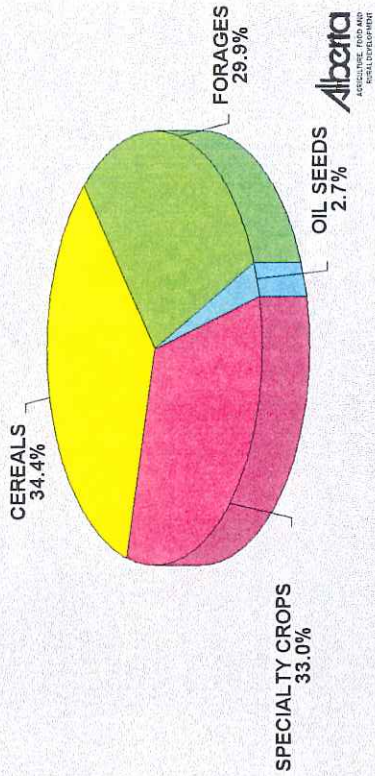
St. Mary River Irrigation District



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IRRIGATED CROPS - 1998

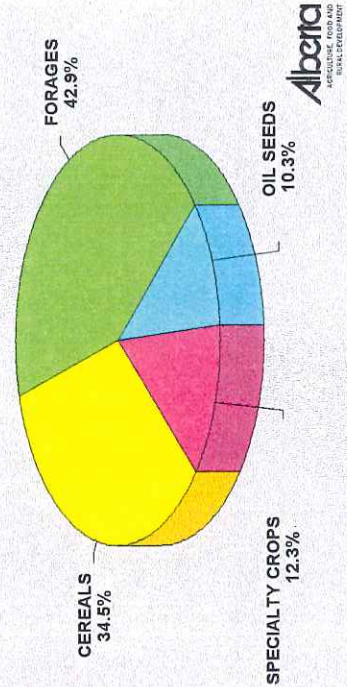
Taber Irrigation District



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IRRIGATED CROPS - 1998

Alberta Irrigation Districts



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**ASSESSED ACREAGE WITHIN THE THIRTEEN IRRIGATION DISTRICTS
OF SOUTHERN ALBERTA**

YEAR	AID	BRID	EID	LID	LNID	MID	MVID	RID	RCID	SMRID	TID	UID	WID	TOTAL
1970	6,673	23,783	199,729	4,523	89,360	8,506	3,719	20,847	2,068	197,540	57,484	33,353	44,006	691,591
71	6,548	24,071	200,459	4,343	89,883	8,105	3,719	20,349	2,068	199,572	59,172	33,353	43,949	695,591
72	3,131	24,196	202,225	4,305	89,379	9,042	3,719	20,269	2,068	204,051	59,833	33,353	43,899	699,470
73	3,081	26,756	205,481	4,305	98,206	9,182	3,719	20,647	2,068	216,136	61,692	33,353	43,919	728,545
74	3,081	118,741	207,245	4,421	105,958	9,077	3,717	23,257	2,068	237,244	63,823	34,034	44,219	856,885
1975	3,081	131,764	212,982	4,430	108,106	8,871	3,720	26,920	2,068	252,019	62,692	33,358	45,311	895,322
76	3,081	139,665	219,405	4,430	109,629	9,069	3,720	28,350	2,069	262,231	66,423	33,358	52,190	933,620
77	3,081	147,795	224,967	4,430	111,735	9,480	3,720	31,626	1,319	274,301	68,178	33,617	68,549	982,798
78	3,104	153,120	227,202	4,431	111,947	10,737	3,717	31,570	1,776	284,151	68,815	33,651	71,603	1,005,824
79	3,104	150,160	227,254	4,477	111,924	10,797	3,710	31,524	1,776	287,329	69,828	33,546	74,525	1,009,954
1980	3,104	164,889	229,110	4,477	112,562	10,797	3,710	33,681	1,776	293,126	70,368	33,544	76,029	1,037,173
81	3,096	174,641	230,553	4,457	113,845	10,963	3,710	35,385	1,776	299,548	70,819	33,417	79,633	1,061,843
82	3,127	179,613	239,651	4,423	114,919	11,647	3,710	39,130	1,716	301,446	71,529	33,383	81,864	1,086,158
83	2,916	181,174	244,099	4,440	116,745	12,357	3,710	39,148	1,776	313,728	72,623	33,448	81,480	1,107,644
84	3,051	183,529	244,243	4,440	117,869	13,047	3,710	41,729	1,776	319,712	72,971	33,534	82,974	1,122,585
1985	3,399	185,034	246,658	4,460	118,883	14,218	3,710	44,990	1,319	328,063	73,063	33,854	84,245	1,141,896
86	3,444	189,202	247,804	4,460	126,307	14,579	3,690	44,950	1,210	331,493	73,314	34,336	83,924	1,158,713
87	3,444	190,263	249,372	4,479	128,867	14,885	3,690	44,407	1,210	334,285	73,654	34,450	85,405	1,168,411
88	3,435	192,424	252,432	4,709	131,565	15,030	3,690	44,196	1,210	339,091	73,602	34,615	86,198	1,182,197
89	3,500	194,977	256,353	4,729	133,620	15,589	3,700	44,144	1,210	342,451	74,898	34,818	87,242	1,197,211
1990	3,500	199,980	260,523	4,742	135,632	15,099	3,728	44,044	1,210	349,849	74,568	34,769	88,480	1,216,124
91	3,527	201,070	263,889	4,762	137,719	16,665	3,728	44,305	1,210	350,108	77,740	34,687	88,112	1,227,522
92	3,519	202,499	269,462	4,800	139,688	16,391	3,734	44,279	1,210	351,393	78,177	34,868	87,949	1,237,969
93	3,519	204,466	270,008	4,780	138,095	16,775	3,737	44,229	1,210	353,039	78,412	34,772	87,453	1,240,495
94	3,519	205,983	272,024	4,780	141,517	16,785	3,727	44,219	1,210	353,466	78,629	34,438	86,725	1,247,022
1995	3,519	207,652	273,848	4,780	143,608	17,908	3,727	43,678	1,210	356,618	78,676	34,428	86,942	1,256,594
96	3,519	209,560	276,405	4,760	147,241	18,169	3,727	44,315	1,210	358,399	79,069	34,506	87,258	1,268,138
97	3,519	209,686	279,966	4,760	150,843	18,300	3,713	44,810	1,210	360,659	79,788	34,353	86,284	1,277,891
98	3,519	210,690	280,573	4,769	153,365	18,300	3,722	45,533	1,210	360,780	80,455	34,352	86,771	1,284,039

NOTE: BRID increased 94,000 acres in 1974 with the amalgamation of the BRID and the Bow River Project (Federal).

PREPARED BY: ALBERTA AGRICULTURE, FOOD AND RURAL DEVELOPMENT, IRRIGATION BRANCH, LETHBRIDGE

IRRIGATION DISTRICTS ANNUAL WATER RATES

(\$ per assessed acre per year)

YEAR	AID	AID pipelines	BRID	EID	LID	LID pipelines	LNID	MID	MVID	RID	RCID	SMRID	TID	UID	WID
1982	\$2.50		\$6.50	\$6.50	\$5.00		\$12.00	\$6.00	\$3.00	\$6.25	\$3.00	\$12.00	\$10.75	\$3.25	\$6.30
83	\$5.00		\$9.00	\$6.75	\$8.00		\$12.50	\$6.00	\$5.20	\$6.50	\$3.00	\$12.00	\$11.00	\$3.25	\$6.50
84	\$6.00		\$10.00	\$7.00	\$8.00		\$12.50	\$6.00	\$5.20	\$6.50	\$3.00	\$12.00	\$11.00	\$3.25	\$6.75
1985	\$6.00		\$10.00	\$7.00	\$7.50		\$12.50	\$6.00	\$5.20	\$6.50	\$4.00	\$12.00	\$11.00	\$3.25	\$7.25
86	\$6.00		\$10.00	\$7.25	\$7.50		\$12.50	\$6.00	\$5.20	\$6.50	\$6.00	\$13.00	\$11.00	\$3.25	\$7.47
87	\$6.00		\$10.00	\$7.50	\$7.50	\$9.50*	\$12.50+\$.10 per PSI*	\$6.00	\$5.20	\$6.50	\$6.00	\$13.00	\$11.00	\$3.25	\$7.47
88	\$7.00	\$9.00*	\$10.00	\$7.50	\$8.00	\$10.00*	\$12.50+\$.10 per PSI*	\$6.00	\$5.20	\$6.50	\$6.00	\$13.00	\$12.00	\$3.25	\$7.70
89	\$7.00	\$9.00*	\$10.00	\$8.00	\$8.00	\$10.00*	\$13.50+\$.10 per PSI*	\$6.00	\$6.20	\$6.50	\$6.00	\$13.25	\$12.00	\$3.50	\$8.00
1990	\$8.00	\$10.00*	\$10.00	\$8.50	\$8.00	\$10.00*	\$13.50+\$.10 per PSI*	\$6.00	\$6.20	\$6.50	\$6.00	\$14.00	\$12.00	\$3.75	\$11.00
91	\$8.00	\$10.00*	\$10.00	\$8.50	\$7.00	\$10.00*	\$13.50+\$.10 per PSI*	\$6.00+\$.10 per PSI*	\$6.20	\$6.50	\$6.00	\$14.00	\$12.00	\$4.00	\$13.00
92	\$8.00	\$10.00*	\$11.00	\$8.50	\$7.00	\$10.00*	\$14.00+\$.12 per PSI*	\$6.00+\$.10 per PSI*	\$6.20	\$6.50	\$6.00	\$14.00	\$12.00	\$4.25	\$13.50
93	\$8.00	\$10.00*	\$11.00	\$8.50	\$7.00	\$10.00*	\$14.00+\$.12 per PSI*	\$6.00+\$.10 per PSI*	\$6.20	\$6.50	\$6.00	\$14.25	\$12.00	\$4.50	\$13.50+\$.10 per PSI*
94	\$8.00	\$10.00*	\$12.00	\$6.50	\$7.00	\$10.00*	\$14.00+\$.12 per PSI*	\$6.50+\$.10 per PSI*	\$6.20	\$7.00	\$6.00	\$15.25	\$12.00	\$4.50	\$14.75+\$.15 per PSI*
95	\$8.00	\$10.00*	\$13.00	\$6.50	\$8.00	\$11.00*	\$14.00+\$.12 per PSI*	\$7.00+\$.10 per PSI*	\$8.00	\$7.00	\$8.50	\$16.15	\$12.00	\$4.50	\$14.75+\$.10 per PSI*
96	\$8.00	\$10.00*	\$13.00	\$8.50	\$8.00	\$11.00*	\$14.00+\$.12 per PSI*	\$7.00+\$.10 per PSI*	\$8.00	\$7.50	\$8.50	\$16.15	\$12.00	\$6.50	\$15.25+\$.12 per PSI*
97	\$8.00	\$10.00*	\$13.00	\$7.50	\$8.00	\$11.00*	\$14.00+\$.12 per PSI*	\$7.00+\$.10 per PSI*	\$8.00	\$7.50	\$8.50	\$16.15	\$12.00	\$6.75	\$15.25+\$.12 per PSI*
98	\$8.00	\$10.00*	\$13.50	\$7.50	\$8.00	\$11.00*	\$14.00+\$.12 per PSI*	\$7.50+\$.10 per PSI*	\$8.00	\$8.50	\$8.50	\$16.65	\$12.00	\$7.00	\$16.25+\$.13 per PSI*

* The districts charge an additional charge for acres serviced by a pressure pipeline.

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SOUTH SASKATCHEWAN RIVER BASIN ANNUAL IRRIGATION DIVERSIONS

DISTRICT	OLDMAN RIVER BASIN										BOW RIVER BASIN					TOTALS
	AID	LID	LIND	MID	RVID	RCID	MID	SMRID	TID	UID	BRID	EID	WID			
WATER SOURCE	diversion from Belly River	diversion from Belly River	diversion from Oldman River	diversion from SMRID main canal	diversion from Belly River	diversion from Gros Ventre Ck and Ross Ck	diversion from SMRID main canal	diversion from Belly, Waterton and St Mary Rivers	diversion from SMRID main canal	diversion from Belly and Waterton Rivers	diversion from Bow River	diversion from Bow River	diversion from Bow River			
EXPANSION LIMITS (acres)	3,550	4,770	167,000	19,300	3,700	1,200	49,500	372,000	82,200	34,000	210,000	286,000	85,000			
CURRENT WATER LICENCES (acres ft.)	9,000	12,000	317,000	34,000	6,000	3,000	81,000	722,000	158,000	66,000	450,000	762,000	160,400			
YEAR	VOLUME OF WATER DIVERTED (acre ft.)															
1976	7,600	154,844	169,436	14,300	7,800	1,981	36,414	339,188	86,330	14,988	309,000	565,100	153,222	1,686,677		
77	3,980	85,934	139,530	9,500	3,980	2	48,317	423,509	122,209	31,050	304,600	572,100	137,008	1,822,531		
78	3,561	134,576	132,855	8,100	3,561	5	12,848	202,066	35,303	10,620	204,268	387,100	102,859	1,047,467		
1980	5,910	132,855	142,683	9,404	5,910	0	24,521	303,097	94,736	23,517	265,539	542,846	136,300	1,546,377		
81	8,500	142,683	150,790	9,000	8,500	284	19,844	340,254	94,656	17,754	287,892	548,686	136,188	1,586,262		
82	4,074	142,683	150,790	9,000	4,074	284	22,162	379,075	108,427	12,242	307,452	577,969	108,530	1,656,068		
83	4,110	142,683	150,790	9,000	4,110	3,551	27,697	332,337	91,998	16,133	281,000	474,258	126,712	1,516,773		
84	4,110	142,683	150,790	9,000	4,110	1,354	14,955	361,537	97,874	24,078	313,897	580,299	146,737	1,701,121		
1985	5,020	142,683	150,790	9,000	5,020	67	17,544	482,674	101,643	25,093	322,335	657,640	162,140	1,970,785		
86	4,074	142,683	150,790	9,000	4,074	3,827	27,302	425,583	95,751	24,193	337,409	655,188	158,897	1,943,408		
87	4,392	142,683	150,790	9,000	4,392	1,832	22,045	406,536	101,597	20,106	309,580	680,592	131,333	1,883,688		
88	6,910	142,683	150,790	9,000	6,910	1,321	40,559	428,434	98,621	19,958	275,841	639,028	129,712	1,838,948		
89	4,613	142,683	150,790	9,000	4,613	256	55,411	563,621	121,868	30,462	369,186	730,274	171,868	2,331,477		
1990	3,754	152,136	168,168	16,168	3,754	122	34,540	504,255	76,368	18,372	301,442	605,148	122,416	1,894,968		
91	3,556	152,136	168,168	16,168	3,556	298	32,000	467,244	96,572	16,133	354,304	688,178	128,091	1,998,524		
92	2,170	152,136	168,168	16,168	2,170	1,775	30,702	391,634	84,956	17,603	284,340	629,872	147,597	1,789,676		
93	2,126	152,136	168,168	16,168	2,126	0	32,070	441,745	101,122	16,628	336,878	625,650	135,387	1,858,253		
94	4,110	152,136	168,168	16,168	4,110	3,300	13,574	218,375	59,278	8,107	210,340	423,551	114,309	1,123,339		
1995	1,602	152,136	168,168	16,168	1,602	798	29,328	415,162	103,028	16,827	364,126	559,476	132,104	1,819,636		
96	4,035	152,136	168,168	16,168	4,035	208	17,600	385,290	82,395	7,710	244,160	602,098	116,254	1,572,308		
97	6,051	152,136	168,168	16,168	6,051	1,085	45,527	499,483	127,436	19,832	331,342	616,478	116,065	1,992,974		
98	4,874	152,136	168,168	16,168	4,874	1,760	38,043	466,000	115,582	20,364	343,428	572,151	116,740	1,887,752		
99	5,424	152,136	168,168	16,168	5,424	1,728	33,834	424,700	115,300	14,895	303,565	638,500	142,367	1,952,729		
Percent of Licence	54.2%	44.4%	50.7%	39.7%	29.0%	57.5%	41.8%	58.8%	73.6%	21.9%	67.5%	83.8%	88.8%	66.9%		
Avg. Volume	4,106	5,574	160,301	10,899	2,944	1,458	29,389	400,383	96,864	18,742	301,823	590,438	133,884	1,751,965		

NOTES: Data is obtained from Water Survey of Canada (WSC), Alberta Environmental Protection (AEP) and Irrigation Districts' annual reports.

- MID has another turnout which diverts water from the SMRID main canal. There is no data recorded at this site.

- RCID has a second supply from Ross Creek, but no data has been consistently recorded

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PROCESSED VEGETABLES IN SOUTHERN ALBERTA
(1998)

CROP	SEEDED (acres)	HARVESTED (acres)
CARROTS		
dicer	100	100
slicer	275	99
CORN *	2,818	2,336
CORN **	923	732
PEAS	2,983	2,750
TOTAL (acres)	7,099	6,017

- NOTES: - * corn is harvested in-field with the cob
 - **corn is harvested in-field by cutting the kernels of the cob
 - data is obtained from the Alberta Vegetable Growers' Marketing Board
 - processing is defined as canned or frozen vegetables for human consumption

IRRIGATION DISTRICT RESERVOIRS

Oldman River Basin			
Location	Reservoir Name	Useable Storage (acre-feet)	Sub-Total (acre-feet)
SMRID	Chin Reservoir	154,320	314,645
	Cross Coulee Reservoir	2,100	
	Forty Mile Reservoir	70,000	
	Murray Reservoir	24,830	
	North East Reservoir	1,650	
	Raymond Reservoir	1,314	
	Sauder Reservoir	30,640	
	Seven Persons Reservoir	1,065	
	Sherburne Reservoir	9,826	
	Stafford Reservoir	18,900	
Blood Tribe Irrigation Project	Mokowan Ridge Reservoir	4,864	4,864

IRRIGATION DISTRICT RESERVOIRS

Oldman River Basin			
Location	Reservoir Name	Useable Storage (acre-feet)	Sub-Total (acre-feet)
Waterton - St. Mary's Headworks	Waterton Reservoir	92,728	511,741
	St. Mary Reservoir	299,386	
	Jensen Reservoir	15,400	
	Milk River Ridge Reservoir	104,227	
AID, LID, MVID	Payne Lake	7,050	7,050
LNID Headworks	Oldman Reservoir*	400,000	477,500
	Keho Lake	77,500	
LNID	Park Lake	600	2,320
	Picture Butte Reservoir	1,300	
	Vandenburg	420	
RCID	Cavan Lake	4,000	4,000
RID	Corner Lake	400	1,200
	Craddock Reservoir	500	
	Factory Lake	300	
TID	Fincastle Reservoir	2,530	15,180
	Horsefly Reservoir	7,450	
	Taber Lake	5,200	
UID	Cochrane Lake	2,430	2,430

* provincially owned multi-purpose reservoir

IRRIGATION DISTRICT RESERVOIRS

Bow River Basin			
Location	Reservoir Name	Useable Storage (acre-feet)	Sub-Total (acre-feet)
BRID Headgates	Little Bow Reservoir	17,080	363,015
	McGregor Reservoir	261,135	
	Traverse Reservoir	84,800	
BRID	Badger Reservoir	43,500	65,434
	H Reservoir	1,848	
	Lost Lake	4,086	
	Scope Reservoir	16,000	
EID	Cowoki Reservoir	16,000	499,785
	Crawling Valley Reservoir	105,780	
	J Reservoir	500	
	Kitsim Reservoir	21,500	
	Lake Newell	259,600	
	One Tree Reservoir	1,926	
	Rock Lake Reservoir	7,500	
	Rolling Hills Reservoir	14,200	
	Snake Lake Reservoir	14,779	
	Tilley "A" Reservoir	27,000	
Tilley "B" Reservoir	31,000		
WID	Chestermere Lake	4,174	10,574
	Langdon Reservoir	6,400	

Total Storage = 2,279,738 acre-feet

IRRIGATION DISTRICT RESERVOIRS

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Total Storage = 2,279,738 acre-feet

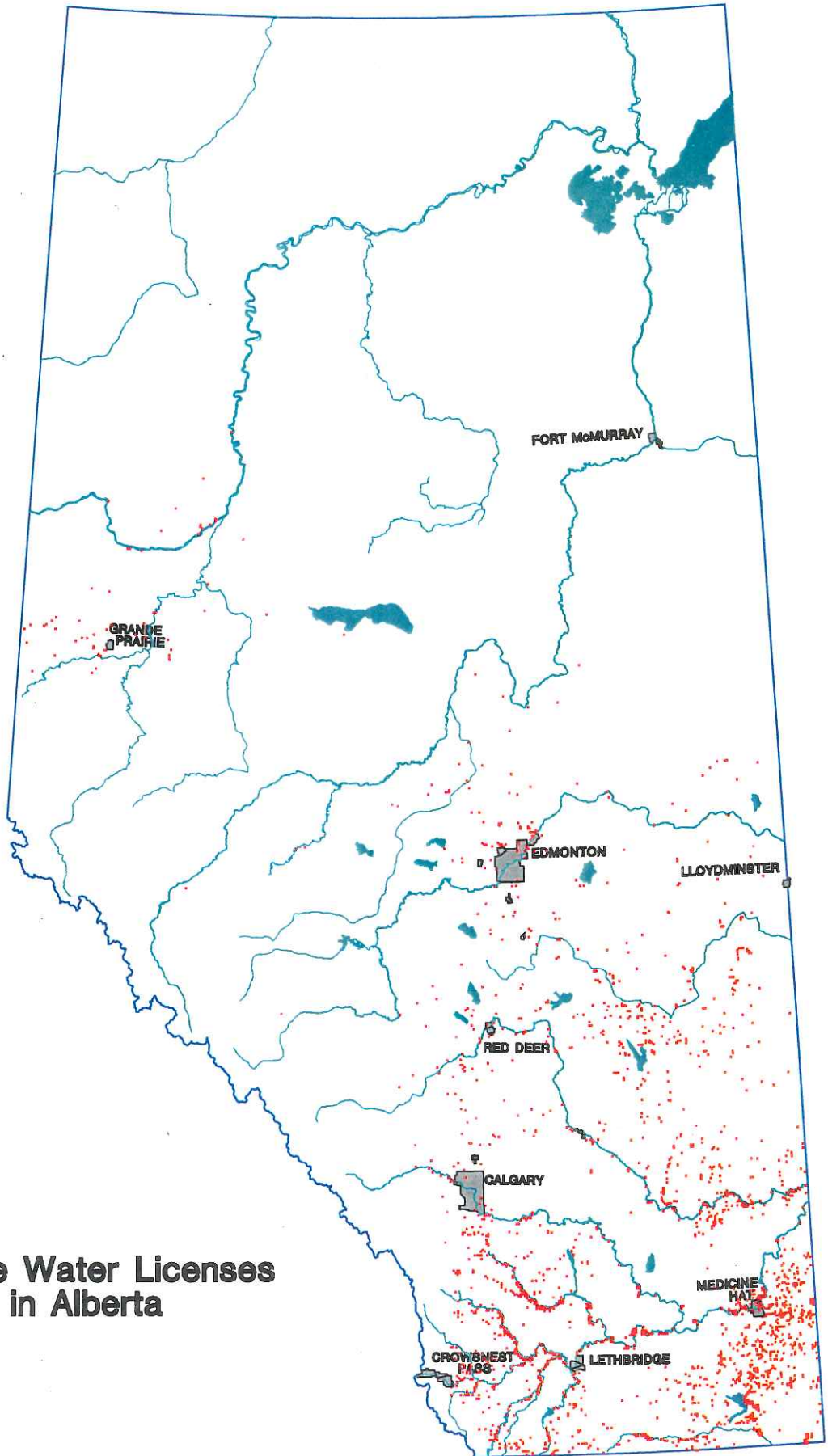
PRIVATE WATER LICENCES FOR IRRIGATION IN ALBERTA
(FEBRUARY 1999)

There are more than 2500 individual irrigation projects, other than the 13 irrigation districts, irrigating a total of 257,000 acres of farmland in Alberta. These projects vary in size from less than 5 acres to over several thousand acres. Each of these projects is licenced to an individual or a group of producers. The feasibility of these projects is overseen by Alberta Agriculture and the licencing is regulated by Alberta Environmental Protection.

RIVER BASIN	Total Acres Irrigated	No. of Licences 1 to 100 ac.	No. of Licences 101 to 300 ac.	No. of Licences over 300 ac.
ATHABASCA RIVER	1,563	33	2	1
MILK RIVER	18,839	97	45	14
NORTH SASKATCHEWAN RIVER	25,105	283	46	13
PEACE RIVER	2,567	60	6	0
SOUTH SASKATCHEWAN RIVER *				
- Bow River	24,605	111	49	15
- Little Bow River	16,757	104	39	11
- Lower Oldman River	12,832	17	22	11
- Red Deer River	34,264	379	84	15
- South Saskatchewan River	46,078	515	85	25
- Upper Oldman River	16,527	111	39	11
- Waterton / Belly / St. Mary Rivers	46,804	100	54	16
- Willow Creek	11,317	53	38	5
TOTAL	257,258	1,863	509	137

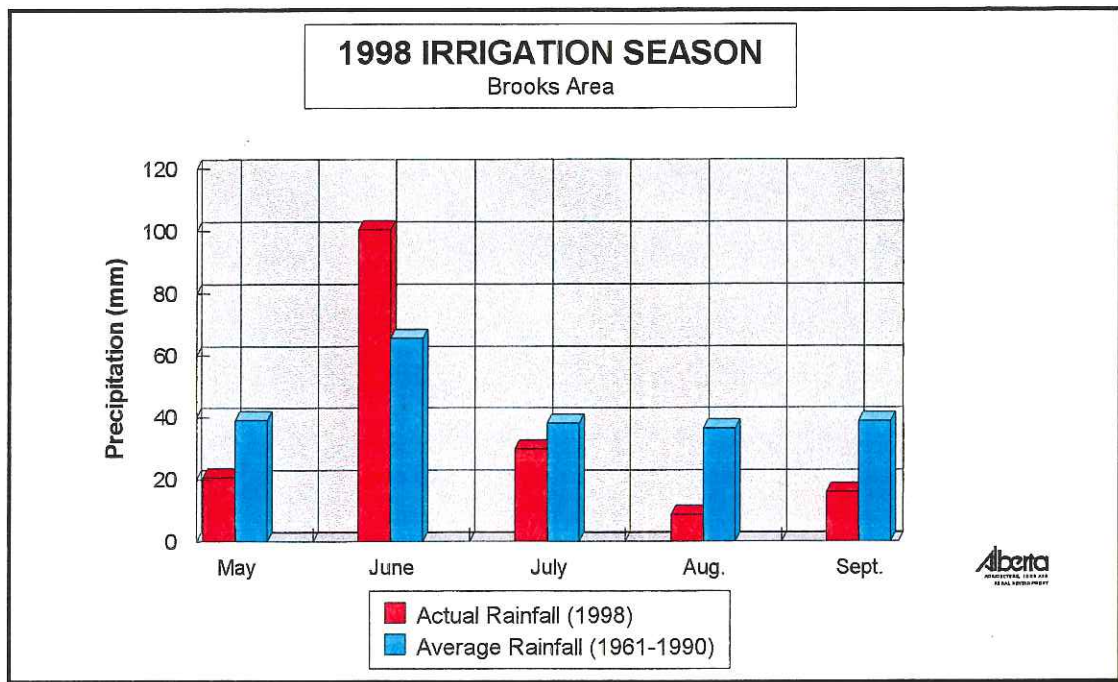
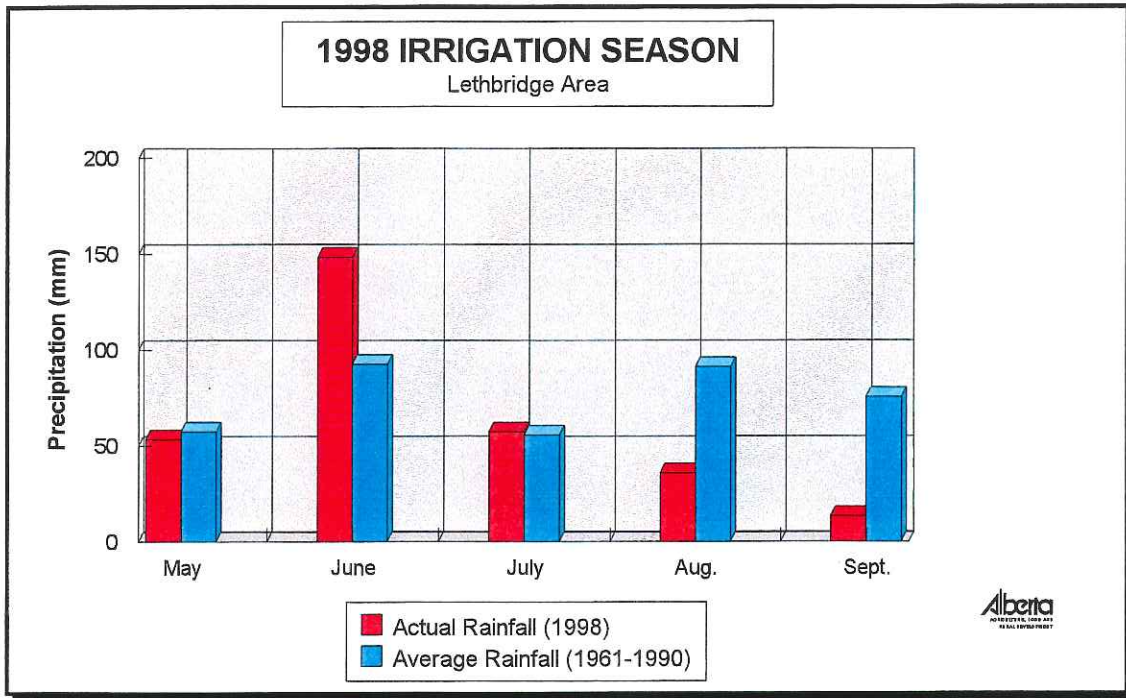
* Does not include irrigation licences issued to irrigation districts in southern Alberta

- Notes:
- Upper Oldman Reach is defined as upstream of the Belly River confluence
 - Lower Oldman reach is defined as downstream of the Belly River confluence
 - 25,000 acres from the Waterton / Belly / St. Mary Rivers category is for the Blood Tribe Irrigation Project
 - data is obtained from Alberta Environmental Protection

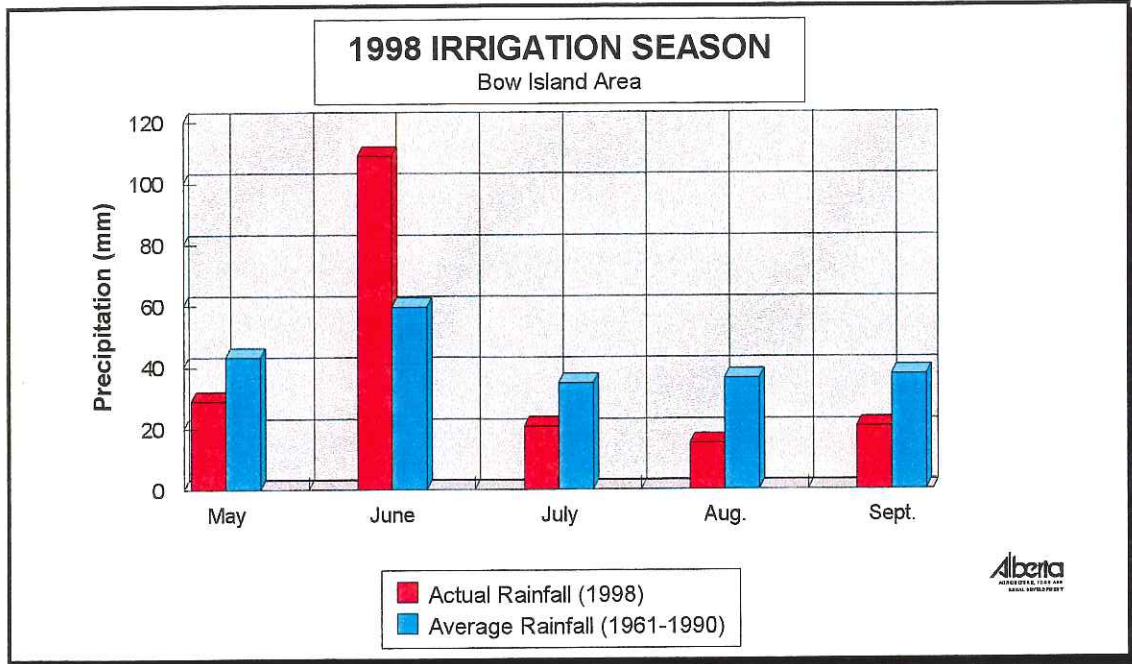


**Private Water Licenses
in Alberta**

PRECIPITATION IN SOUTHERN ALBERTA

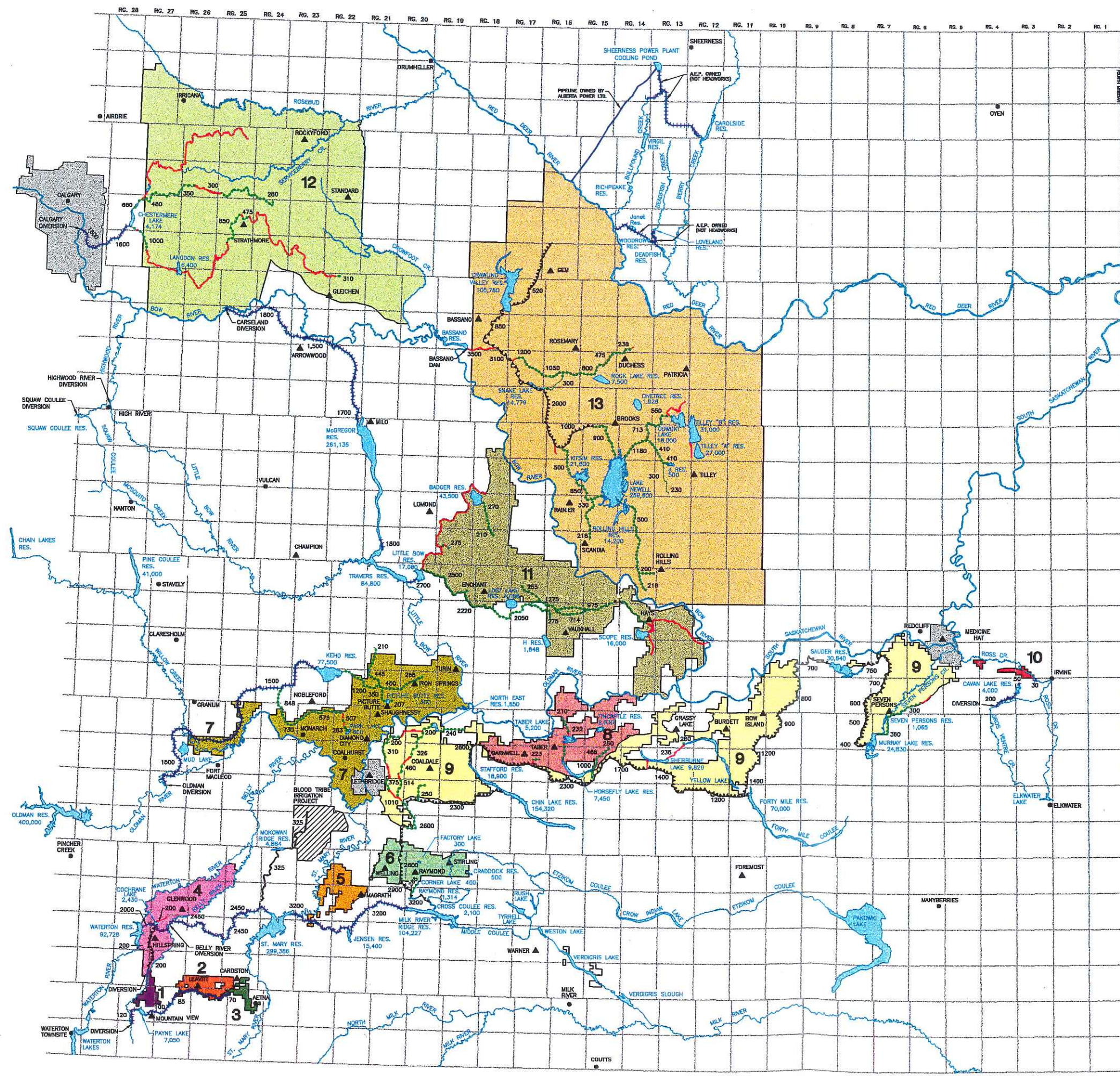


PRECIPITATION IN SOUTHERN ALBERTA



TOTAL RAINFALL FROM MAY 1 TO SEPT. 30

AREA	RAINFALL (1997) (mm)	RAINFALL (1998) (mm)	AVERAGE RAINFALL (1961-1990) (mm)
Lethbridge	268.1	309.1	373.3
Brooks	141.0	175.8	217.9
Bow Island	130.0	194.6	212.0



- IRRIGATION DISTRICTS**
- 1 MOUNTAIN VIEW IRRIGATION DISTRICT
 - 2 LEAVITT IRRIGATION DISTRICT
 - 3 AETNA IRRIGATION DISTRICT
 - 4 UNITED IRRIGATION DISTRICT
 - 5 MAGRATH IRRIGATION DISTRICT
 - 6 RAYMOND IRRIGATION DISTRICT
 - 7 LETHBRIDGE NORTHERN IRRIGATION DISTRICT
 - 8 TABER IRRIGATION DISTRICT
 - 9 ST. MARY RIVER IRRIGATION DISTRICT
 - 10 ROSS CREEK IRRIGATION DISTRICT
 - 11 BOW RIVER IRRIGATION DISTRICT
 - 12 WESTERN IRRIGATION DISTRICT
 - 13 EASTERN IRRIGATION DISTRICT

- LEGEND**
- CITIES, TOWNS AND VILLAGES THAT DO NOT RECEIVE IRRIGATION WATER
 - ▲ CITIES, TOWNS AND VILLAGES THAT RECEIVE IRRIGATION WATER
 - HEADWORKS OWNED AND OPERATED BY A.E.P.
 - - - CANALS REHABILITATED BY I.R.P. (200 cfs AND OVER) (DISTRICT OWNED AND OPERATED)
 - - - CANALS REHABILITATED BY A.E.P. (200 cfs AND OVER) (DISTRICT OWNED AND OPERATED)
 - CANALS REMAINING TO BE REHABILITATED (200 cfs AND OVER) (DISTRICT OWNED AND OPERATED)
- ALBERTA ENVIRONMENTAL PROTECTION (A.E.P.)
IRRIGATION REHABILITATION PROGRAM (I.R.P.)
- NOTE: - MAJOR WORKS ARE CLASSIFIED AS CANALS 200 CFS AND OVER
- RESERVOIR VOLUMES ARE IN (ACRE-FEET)
- CANAL CAPACITIES ARE IN (CFS)

There are 13 irrigation districts in Southern Alberta providing water to 1,284,847 assessed acres of farmland. The infrastructure of these irrigation districts is comprised of 7,394 kilometers of conveyance system, of which 1,553 are classified as major works.

IRRIGATION DISTRICTS AND MAJOR IRRIGATION WORKS WITHIN SOUTHERN ALBERTA



Agriculture, Food and Rural Development
Irrigation and Resource Management Division
Irrigation Branch

