

PRAIRIE PROVINCES WATER BOARD

A P P E N D I X B

. to

Report #3

413 Post Office Building,
Regina, Saskatchewan,
July, 1954.

CLEARWATER RIVER DIVERSION TO RED DEER RIVER

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total Ac.Ft.
48-49	534	288 ^e	252 ^e	198 ^e	189 ^e	187	463	525	627	745	554	403	301,000
49-50	353	264 ^e	201 ^e	172 ^e	212 ^e	119	582	550	1,449	1,359	893	497	402,000
50-51	318	410 ^e	242 ^e	242 ^e	230 ^e	159	277	1,449	1,557	1,998	1,089	1,467	572,000
51-52	909	396 ^e	167 ^e	314 ^e	305 ^e	318	1,147	789	2,000	2,000	1,581	914	656,000
AV. 11-52	650	400	238	241	231	242	592	975	1,608	1,433	1,128	926	524,000

Table 26 from Report #3 continued.

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SASKATCHEWAN RIVER AT THE PAS

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total Ac.Ft.
Recorded Flow - Table 11 from Report #1 continued.													
48-49	15,400	6,970	3,650	3,130	2,690	3,590	25,100	17,700	27,900	24,800	25,200	15,200	10,369,000
49-50	10,200	11,400	4,220	3,360	4,260	4,220	15,700	33,800	29,800	49,200	37,300	21,400	13,645,000
50-51	13,100	7,570	5,290	6,190	5,480	5,600	26,800	53,300	56,100	61,800	57,000	45,700	20,845,000
51-52	39,300	25,300	14,000	7,480	8,080	8,480	42,200	64,900	48,100	65,100	52,500	32,300	24,745,000
AV.11-52	20,490	12,799	6,275	4,850	4,450	4,873	22,641	39,988	43,902	53,466	41,498	29,298	17,255,000
Natural Flow - Table 12 from Report #1 continued.													
48-49	17,658	8,130	3,128	2,191	1,645	2,928	24,377	17,462	31,118	28,420	29,248	17,756	11,146,000
49-50	12,615	12,981	4,584	2,624	3,733	4,058	15,237	34,447	31,624	55,181	42,653	25,025	14,859,000
50-51	15,156	8,860	4,336	5,386	4,156	4,494	25,873	54,183	59,070	66,144	60,903	46,929	21,554,000
51-52	39,389	25,007	12,311	6,308	7,141	7,712	41,737	65,839	50,544	69,571	55,758	33,488	25,178,000
AV.11-52	22,014	13,432	6,014	4,464	4,039	4,489	22,253	39,911	45,161	55,612	44,137	31,360	17,764,000
Condition A - Table 40 from Appendix to Report #3 continued.													
48-49	15,011	7,580	4,207	3,712	3,107	4,275	35,750	16,938	23,899	18,517	22,824	14,156	10,271,000
49-50	10,051	12,087	5,255	3,795	4,878	5,111	16,401	32,370	24,548	39,165	32,183	20,056	12,486,000
50-51	12,620	7,959	5,162	6,599	5,653	5,989	27,012	53,168	49,520	53,224	53,713	42,829	19,602,000
51-52	36,549	23,477	12,281	7,270	8,080	8,889	42,650	63,507	38,410	60,575	47,425	28,691	22,934,000
AV.11-52	19,284	12,298	6,640	5,648	5,351	5,847	23,747	38,403	38,121	43,491	35,190	26,554	15,793,000
Condition B - Table 44 from Appendix to Report #3 continued.													
48-49	13,761	7,396	4,363	4,167	3,639	4,814	36,256	15,290	22,202	16,660	20,879	12,702	9,791,000
49-50	9,157	12,313	5,571	3,914	4,864	5,030	16,380	30,962	22,710	34,869	28,644	17,893	11,658,000
50-51	11,478	8,240	5,478	7,150	6,196	6,568	27,601	51,671	44,484	50,967	51,713	41,101	18,946,000
51-52	35,191	22,908	12,261	7,260	8,198	9,097	42,490	62,706	36,542	58,385	45,225	26,793	22,282,000
AV.11-52	17,825	11,948	6,769	6,043	5,804	6,320	23,973	36,847	35,768	40,658	32,833	24,660	15,116,000

SASKATCHEWAN RIVER AT THE PAS

Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Sept.	Total Ac.Ft.
Condition C - Table 47 from Appendix to Report #3 continued.													
8-49	16,301	8,728	7,489	6,299	4,253	4,008	18,287	12,277	16,088	21,859	24,328	16,754	9,489,000
9-50	12,982	13,722	8,262	7,204	6,110	4,427	6,650	25,425	8,615	28,707	33,142	20,661	10,681,000
0-51	14,752	8,656	7,596	8,151	6,283	5,229	16,000	44,241	44,095	55,047	51,907	41,429	18,399,000
1-52	36,342	23,496	13,705	7,541	8,257	8,692	38,267	53,113	39,968	56,321	46,539	28,484	21,889,000
v.11-52	18,517	12,519	7,719	7,849	7,463	6,292	21,428	32,841	35,103	37,205	30,510	25,165	14,690,000
Condition D - Table 50 from Appendix to Report #3 continued.													
8-49	15,457	8,110	6,877	5,761	3,814	3,621	17,684	11,612	15,346	20,999	23,574	16,131	9,024,000
9-50	12,319	13,128	7,701	6,392	5,648	4,098	5,923	24,735	7,051	27,233	31,140	19,944	10,040,000
0-51	14,124	7,916	6,994	7,569	5,803	4,870	17,303	39,205	41,838	53,047	50,147	40,071	17,516,000
1-52	35,773	23,476	13,695	7,513	8,612	8,532	37,466	51,245	37,778	54,121	44,641	26,996	21,226,000
v.11-52	17,272	11,732	7,207	7,290	6,958	5,898	21,532	32,222	33,474	35,260	28,881	23,756	14,016,000

SASKATCHEWAN RIVER AT THE FORKS

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total Ac.Ft.
Recorded Flow - Table 9 from Report #1 continued.													
48-49	9,631	5,428	3,155	3,419	3,214	3,609	15,778	13,857	24,571	17,629	17,907	10,347	7,773,000
49-50	5,918	4,677	2,631	2,451	3,005	3,723	16,569	18,830	38,823	46,030	23,417	13,726	10,891,000
50-51	7,892	5,681	4,580	4,648	3,863	4,075	34,925	49,644	48,583	60,781	32,307	38,874	17,914,000
51-52	24,247	14,201	8,998	6,891	6,538	5,413	59,637	30,784	47,848	54,824	33,547	18,921	18,870,000
AV. 11-52	12,947	7,526	4,606	3,749	3,580	5,176	21,761	27,777	46,495	44,147	27,680	20,168	13,663,000
Natural Flow - Table 10 from Report #1 continued.													
48-49	10,791	4,906	2,216	2,374	2,552	2,886	15,540	17,075	28,191	21,677	20,463	12,762	8,559,000
49-50	7,499	5,041	1,895	1,924	2,843	3,260	17,216	20,654	44,804	51,383	27,041	15,782	12,076,000
50-51	9,182	4,727	3,776	3,324	2,757	3,148	35,808	52,614	52,927	64,684	33,536	38,963	18,502,000
51-52	23,954	12,512	7,826	5,952	5,770	4,950	60,576	33,228	52,319	58,082	34,735	19,988	19,358,000
AV. 11-52	13,580	7,295	4,218	3,337	3,196	4,786	21,683	29,035	48,615	46,799	29,740	21,719	14,174,000
Condition A - Table 39 from Appendix to Report #3 continued.													
48-49	10,241	5,985	3,737	3,836	3,899	4,259	15,016	9,856	18,288	15,253	16,863	10,198	7,099,000
49-50	6,605	5,712	3,066	3,069	3,896	4,424	15,139	13,578	28,788	40,913	22,072	13,246	9,721,000
50-51	8,281	5,553	4,989	4,821	4,252	4,287	34,793	43,064	40,007	57,494	29,436	36,123	16,536,000
51-52	22,424	12,482	8,788	6,891	6,947	5,863	58,244	21,094	43,323	49,749	29,938	16,669	17,077,000
AV. 11-52	12,447	7,891	5,403	4,649	4,554	6,035	20,176	21,996	36,518	37,851	24,937	18,963	12,195,000
Condition B - Table 43 from Appendix to Report #3 continued.													
48-49	10,057	6,141	4,192	4,368	4,438	4,765	13,368	8,159	16,431	13,308	15,409	9,304	6,644,000
49-50	6,831	6,028	3,185	3,055	3,815	4,403	13,731	11,740	24,492	37,374	19,909	12,104	8,884,000
50-51	8,562	5,869	5,540	5,364	4,831	4,876	33,296	38,028	37,750	55,494	27,708	34,765	15,864,000
51-52	21,855	12,462	8,778	7,009	7,155	5,703	57,443	19,226	41,133	47,549	28,040	15,181	16,417,000
AV. 11-52	12,098	8,021	5,797	5,102	5,027	6,263	18,620	19,643	33,685	35,494	23,042	17,496	11,519,000

SASKATCHEWAN RIVER AT THE FORKS (cont'd)

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total Ac.Ft.
Condition C - Table 46 from Appendix to Report #3 continued.													
48-49	10,532	7,186	6,994	6,588	4,777	4,027	8,965	8,434	12,759	14,688	17,035	11,901	6,893,000
49-50	8,700	6,999	6,673	6,295	4,855	3,930	7,519	10,455	17,638	25,537	19,259	12,987	7,927,000
50-51	9,544	6,767	6,886	6,609	4,666	3,704	24,125	40,585	36,578	54,028	27,214	34,603	15,468,000
51-52	21,289	12,397	8,703	6,952	6,715	5,625	55,704	18,997	39,716	46,045	27,586	15,105	16,013,000
Av. 11-52	12,644	8,811	7,624	6,874	5,096	4,719	14,713	19,428	29,887	32,613	23,333	17,973	11,127,000
Condition D - Table 49 from Appendix to Report #3 continued.													
48-49	9,688	6,568	6,382	6,050	4,338	3,640	8,362	7,769	12,017	13,828	16,281	11,278	6,428,000
49-50	8,037	6,405	6,112	5,483	4,393	3,601	6,792	9,765	16,074	24,063	17,257	12,270	7,285,000
50-51	8,916	6,027	6,284	6,027	4,186	3,345	25,428	35,549	34,321	52,028	25,486	33,245	14,588,000
51-52	20,720	12,377	8,693	6,924	7,070	5,465	54,903	17,129	37,526	43,845	25,688	13,617	15,352,000
Av. 11-52	11,851	8,294	7,070	6,347	4,706	4,812	14,269	17,671	27,924	30,972	21,882	16,750	10,451,000

NORTH SASKATCHEWAN RIVER AT THE FORKS

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total Ac.Ft.
48-49	5,461	2,250	1,360	1,404	1,150	1,210	6,120	5,464	9,024	10,838	12,670	7,553	3,910,000
49-50	3,803	1,809	1,021	705	962	978	4,913	6,758	14,986	21,431	13,598	8,418	4,816,000
50-51	4,680	1,856	1,184	1,210	962	948	13,423	19,110	14,605	20,480	14,357	11,711	6,339,000
51-52	6,060	2,954	2,226	1,571	1,400	1,369	16,054	9,628	24,745	29,628	18,115	9,418	7,462,000
AV. 11-52	6,301	3,069	1,752	1,341	1,241	1,328	7,927	12,034	18,403	21,967	16,484	11,453	6,264,000

Recorded Flow - Table 8 from Report #1 continued.

NORTH SASKATCHEWAN RIVER AT THE ALBERTA-SASKATCHEWAN BOUNDARY

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total Ac.Ft.
48-49	4,780	2,110	1,142	1,295	1,155	1,070	3,830	5,220	8,410	13,510	11,200	6,200	3,637,000
49-50	3,090	2,120	699	818	909	1,020	3,200	5,610	17,960	19,450	12,530	7,550	4,542,000
50-51	3,700	1,580	1,170	1,020	942	966	7,730	16,570	14,380	21,170	13,540	10,580	5,666,000
51-52	5,450	3,440	1,980	1,610	1,560	1,390	12,240	8,130	30,290	25,050	17,180	8,680	7,079,000
AV. 11-52	5,548	2,780	1,596	1,295	1,194	1,339	6,389	10,941	19,264	20,808	15,772	10,374	5,900,000

Recorded Flow - Table 7 from Report #1 continued.

SOUTH SASKATCHEWAN RIVER AT THE FORKS

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total Ac.Ft.
Recorded Flow - Table 5 from Report #1 continued.													
48-49	4,170	3,178	1,795	2,015	2,064	2,399	9,658	8,393	15,547	6,791	5,237	2,794	3,864,000
49-50	2,115	2,868	1,610	1,746	2,043	2,745	11,656	12,072	23,837	24,599	9,818	5,308	6,076,000
50-51	3,212	3,825	3,396	3,438	2,901	3,127	21,502	30,534	33,978	40,301	17,950	27,163	11,575,000
51-52	18,187	11,247	6,772	5,320	5,138	4,044	43,583	21,156	23,103	25,196	15,432	9,503	11,408,000
AV. 11-52	6,648	4,457	2,854	2,408	2,339	3,849	13,834	15,500	28,090	22,204	11,196	8,714	7,385,000
Natural Flow - Table 6 from Report #1 continued.													
48-49	5,330	2,656	856	970	1,402	1,676	9,420	11,611	19,167	10,839	7,793	5,209	4,649,000
49-50	3,696	3,232	874	1,219	1,881	2,282	12,303	13,896	29,818	29,952	13,443	7,364	7,260,000
50-51	4,502	2,871	2,592	2,114	1,795	2,200	22,385	33,504	38,322	44,204	19,179	27,252	12,163,000
51-52	17,894	9,558	5,600	4,381	4,370	3,581	44,522	23,600	27,574	28,454	16,620	10,570	11,896,000
AV. 11-52	7,280	4,196	2,466	1,996	1,954	3,458	13,756	17,001	30,212	24,841	13,256	10,266	7,908,000

SOUTH SASKATCHEWAN RIVER AT SASKATOON

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total Ac.Ft.
Recorded Flow - Table 3 from Report #1 continued.													
48-49	3,880	3,100	1,770	2,030	2,090	2,400	9,190	8,200	15,380	6,430	4,870	2,550	3,733,000
49-50	1,900	2,530	1,530	1,700	1,980	2,720	11,700	11,320	24,290	24,440	9,120	4,920	5,937,000
50-51	2,950	3,730	3,360	3,360	2,820	3,050	21,910	30,350	33,600	40,250	16,730	26,820	11,429,000
51-52	17,430	10,690	6,520	5,290	5,060	3,890	44,460	19,440	23,090	24,680	14,480	8,830	11,112,000
AV. 11-52	6,266	4,191	2,771	2,352	2,295	3,864	13,789	15,129	28,222	21,711	10,502	8,254	7,218,000
Natural Flow - Table 4 from Report #1 continued.													
48-49	5,040	2,578	831	985	1,428	1,677	8,952	11,418	19,000	10,478	7,426	4,965	4,519,000
49-50	3,481	2,894	794	1,173	1,818	2,257	12,347	13,144	30,271	29,793	12,745	6,976	7,122,000
50-51	4,240	2,776	2,556	2,036	1,714	2,123	22,793	33,320	37,944	44,153	17,959	26,909	12,817,000
51-52	17,137	9,001	5,348	4,351	4,292	3,427	45,399	21,884	27,561	27,938	15,668	9,897	11,600,000
AV. 11-52	6,900	3,930	2,382	1,939	1,910	3,473	13,713	16,388	30,342	24,363	12,562	9,806	7,728,000
Condition A - Table 38 from Appendix to Report #3 continued.													
48-49	4,490	3,657	2,352	2,447	2,775	3,050	8,428	4,199	9,097	4,054	3,826	2,401	3,059,000
49-50	2,587	3,565	1,965	2,318	2,871	3,421	10,270	6,068	14,255	19,323	7,776	4,440	4,767,000
50-51	3,339	3,602	3,769	3,533	3,209	3,262	21,778	23,770	25,024	36,963	13,859	24,069	10,051,000
51-52	15,607	8,971	6,310	5,290	5,469	4,340	43,067	9,750	18,565	19,605	10,871	6,578	9,320,000
AV. 11-52	5,767	4,556	3,567	3,253	3,268	4,723	12,205	9,349	18,245	15,416	7,759	7,050	5,750,000
Condition B - Table 42 from Appendix to Report #3 continued.													
48-49	4,840	4,101	3,059	3,177	3,503	3,743	7,243	3,027	7,867	2,854	2,926	1,910	2,904,000
49-50	3,166	4,145	2,285	2,476	3,002	3,519	9,444	4,780	11,408	17,143	6,506	3,795	4,331,000
50-51	3,938	4,328	4,562	4,318	4,018	4,010	20,558	20,183	24,324	36,961	13,220	24,178	9,951,000
51-52	15,947	9,347	6,467	5,722	5,982	4,498	43,413	8,671	18,375	19,405	10,554	6,004	9,316,000
AV. 11-52	6,061	5,085	4,188	3,930	3,961	5,182	11,204	7,959	16,887	14,420	7,050	6,524	5,584,000

SOUTH SASKATCHEWAN RIVER AT SASKATOON (cont'd)

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total Ac.Ft.
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Condition C - Table 45 from Appendix to Report #3 continued.

48-49	4,781	4,858	5,609	5,199	3,653	2,818	2,377	2,777	3,568	3,489	3,998	4,104	2,853,000
49-50	4,682	4,852	5,572	5,544	3,830	2,927	2,650	2,945	3,105	3,947	4,963	4,181	2,973,000
50-51	4,602	4,816	5,666	5,321	3,623	2,679	11,110	21,291	21,595	33,497	11,637	22,549	8,983,000
51-52	14,472	8,886	6,225	5,351	5,237	4,102	40,527	7,653	14,958	15,901	8,519	5,014	8,255,000
Av.11-52	5,964	5,476	5,788	5,478	3,811	3,406	6,742	6,781	11,614	10,177	6,155	6,060	4,682,000

Condition D - Table 48 from Appendix to Report #3 continued.

48-49	4,471	4,528	5,249	4,859	3,403	2,618	2,237	2,637	3,453	3,374	3,798	3,884	2,689,000
49-50	4,372	4,522	5,212	4,904	3,580	2,717	2,505	2,805	2,990	3,832	3,854	3,961	2,734,000
50-51	4,292	4,486	5,306	4,981	3,373	2,479	12,690	17,704	20,895	33,495	10,998	22,658	8,675,000
51-52	14,812	9,262	6,382	5,637	5,897	4,260	40,873	6,574	14,768	15,701	8,202	4,440	8,250,000
Av.11-52	5,802	5,359	5,460	5,175	3,640	3,732	6,859	6,064	11,133	9,897	5,878	5,766	4,519,000

SOUTH SASKATCHEWAN RIVER AT THE ALBERTA-SASKATCHEWAN BOUNDARY

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total Ac.Ft.
Recorded Flow-Table 1 from Report #1 continued.													
48-49	3,230	3,370	2,425	2,990	2,310	2,691	8,369	11,582	13,540	5,170	3,650	1,934	3,699,000
49-50	2,271	2,857	2,556	2,213	2,431	3,672	9,239	12,971	27,030	18,540	7,290	3,500	5,716,000
50-51	4,100	4,416	3,454	3,101	3,341	4,805	18,699	32,783	38,022	37,290	15,200	28,150	11,692,000
51-52	16,965	10,923	6,188	4,727	4,740	7,148	36,757	18,653	27,165	20,885	12,950	6,695	10,506,000
AV.11-52	5,905	4,283	2,816	2,532	2,618	4,830	11,162	17,559	29,619	18,312	9,384	7,408	7,041,000
Natural Flow- Table 2 from Report #1 continued.													
48-49	4,429	2,848	1,486	1,945	1,648	1,972	7,992	14,798	17,166	9,221	6,193	4,368	4,480,000
49-50	3,857	3,221	1,820	1,686	2,269	3,202	9,159	13,829	33,036	23,957	10,967	5,592	6,808,000
50-51	5,399	3,462	2,650	1,777	2,235	3,857	18,122	35,408	42,307	41,196	16,431	28,174	12,164,000
51-52	16,592	9,234	5,016	3,788	3,972	6,682	36,522	21,353	31,819	24,187	14,217	7,835	10,957,000
AV.11-52	6,537	4,022	2,427	2,120	2,232	4,428	10,986	18,788	31,740	20,965	11,446	8,960	7,542,000
Condition A - Table 37 from Appendix to Report #3 continued.													
48-49	3,879	3,927	3,007	3,407	2,995	3,345	7,468	7,579	7,263	2,797	2,593	1,804	3,020,000
49-50	2,963	3,892	2,991	2,831	3,322	4,366	7,082	6,753	17,020	13,487	5,998	3,056	4,454,000
50-51	4,498	4,288	3,863	3,274	3,730	4,996	17,107	25,858	29,387	34,006	12,331	25,334	10,198,000
51-52	15,062	9,204	5,978	4,727	5,149	7,595	34,190	9,219	22,823	15,854	9,420	4,516	8,677,000
AV.11-52	5,404	4,648	3,609	3,422	3,590	5,677	9,479	11,749	19,644	12,018	6,643	6,204	5,564,000
Condition B - Table 41 from Appendix to Report #3 continued.													
48-49	4,229	4,371	3,714	4,137	3,723	4,038	6,283	6,407	6,033	1,597	1,693	1,313	2,870,000
49-50	3,542	4,472	3,311	2,989	3,453	4,464	6,256	5,465	14,173	11,307	4,728	2,411	4,019,000
50-51	5,097	5,014	4,656	4,059	4,539	5,744	15,887	22,271	28,687	34,004	11,692	25,443	10,088,000
51-52	15,402	9,580	6,135	5,159	5,662	7,753	34,536	8,140	22,633	15,654	9,103	3,942	8,676,000
AV.11-52	5,698	5,177	4,233	4,100	4,283	6,137	8,478	10,345	18,280	11,022	5,935	5,679	5,397,000

