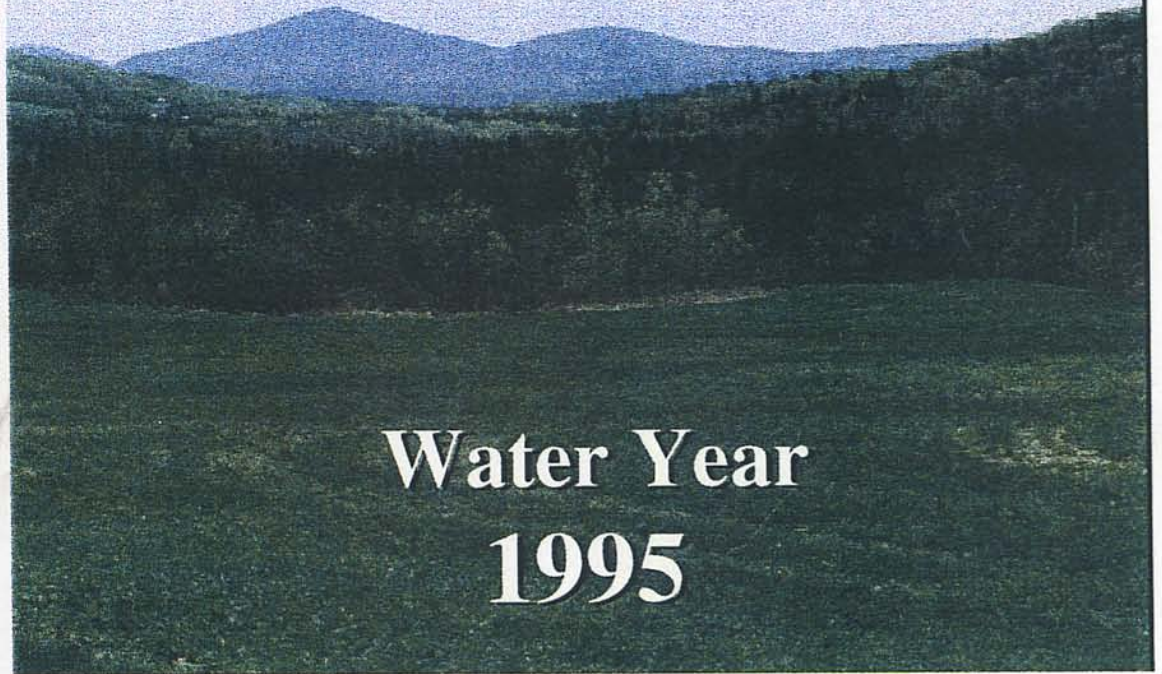


# STREAM FLOW DATA for COLORADO



Water Year  
1995

Compiled by the Hydrographic Branch  
Edited by Jim McDanold

## Office of the State Engineer Division of Water Resources



Roy Romer  
Governor

Hal D. Simpson  
State Engineer

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PLATTE RIVER BASIN

06694650 SOUTH FORK SOUTH PLATTE RIVER BELOW ANTERO RESERVOIR

LOCATION.--Lat 38°33'26", long 105°53'22", 1500 ft below Antero Reservoir.

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorder with satellite telemetry at 12' Parshall flume in a wooden shelter with a concrete well and supplemental staff gage. Gage is owned and maintained by the Denver Water Dept.

REMARKS.--Record is good. Record is taken from hourly satellite readings. The record is complete and reliable except for Mar. 9-13, 1995. Chart data was used for this period. Also the encoder required a +0.03 correction on Aug. 14, 1995 which was prorated back to Aug.5. Satellite data checked against chart gage heights agreed to within 0.02 foot. Record is developed and satellite monitoring maintained by Robert Cooper.

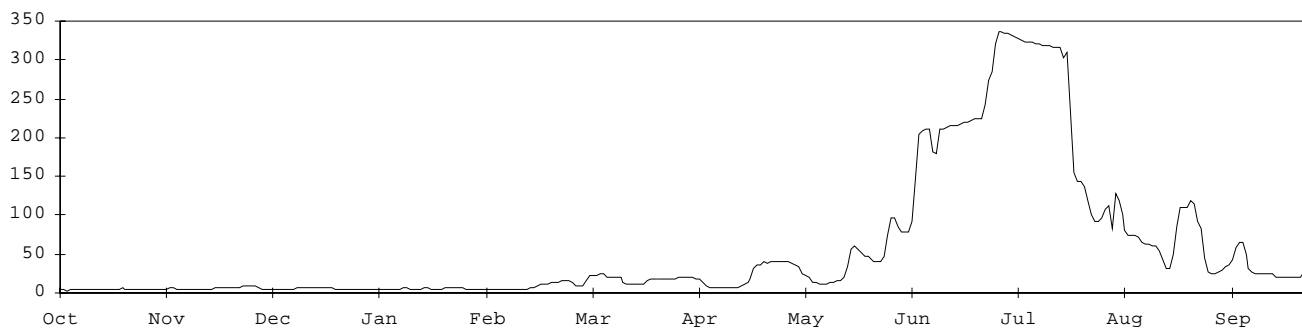
RATING TABLE.--PLAANTCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.6	5.1	4.7	4.4	4.9	8.3	21	40	96	337	107	24
2	3.8	5.7	4.8	4.6	4.6	9.9	21	38	85	337	112	24
3	3.3	5.8	4.8	4.8	4.6	16	21	37	79	335	83	26
4	4.2	5.5	4.7	4.8	4.8	22	18	33	79	335	128	30
5	4.5	5.3	4.8	4.8	4.8	22	17	25	79	333	118	34
6	4.4	5.1	4.8	4.8	5.2	22	13	22	91	329	100	35
7	4.2	4.9	4.8	5.0	5.4	24	8.8	20	149	327	80	42
8	4.0	5.0	5.6	4.9	5.4	24	7.8	14	205	325	75	58
9	4.0	5.0	6.8	5.7	5.2	21	7.3	14	209	323	74	65
10	4.6	4.4	6.7	5.8	5.1	21	7.2	12	212	323	73	64
11	5.6	4.3	6.4	5.1	5.1	21	7.2	11	212	323	71	49
12	5.4	4.2	6.4	5.1	5.1	21	7.2	12	181	321	66	32
13	5.1	4.0	6.4	5.3	5.1	20	7.3	14	180	321	63	28
14	5.3	4.2	6.4	5.6	5.1	14	7.3	14	212	319	62	25
15	5.1	5.8	6.4	5.8	5.8	11	7.6	15	212	319	61	24
16	4.6	5.8	6.5	5.8	7.4	12	7.5	16	213	319	61	24
17	4.2	5.7	6.4	5.6	9.7	12	8.9	20	215	316	54	24
18	4.8	5.7	6.4	5.4	11	12	12	34	215	316	42	24
19	6.1	5.8	6.5	5.4	11	12	14	55	216	316	32	24
20	5.6	5.8	5.2	5.6	11	12	18	60	217	303	32	21
21	5.2	5.8	4.2	5.8	13	16	32	56	219	310	50	20
22	5.0	7.1	4.2	5.8	14	18	36	51	220	230	86	20
23	5.1	8.3	4.2	5.7	14	18	37	48	221	154	109	20
24	5.1	8.3	4.2	5.8	15	18	40	46	224	143	109	20
25	4.9	8.3	4.2	5.8	16	18	39	42	225	144	109	20
26	4.7	8.3	4.2	5.7	16	18	41	41	225	137	118	20
27	4.2	8.3	4.3	5.4	14	18	41	41	242	118	115	21
28	4.4	7.1	4.4	5.1	9.5	18	41	41	274	101	93	27
29	4.1	5.1	4.4	5.1	---	19	41	47	285	92	83	30
30	3.8	4.6	4.4	5.1	---	20	41	75	321	93	45	34
31	3.8	---	4.4	5.1	---	20	---	97	---	97	26	---
TOTAL	143.7	174.3	162.6	164.7	237.8	538.2	628.1	1091	5813	8096	2437	909
MEAN	4.64	5.81	5.25	5.31	8.49	17.4	20.9	35.2	194	261	78.6	30.3
AC-FT	285	346	323	327	472	1070	1250	2160	11530	16060	4830	1800
MAX	6.1	8.3	6.8	5.8	16	24	41	97	321	337	128	65
MIN	3.3	4.0	4.2	4.4	4.6	8.3	7.2	11	79	92	26	20

CAL YR 1994 TOTAL 8706.0 MEAN 23.9 MAX 207 MIN 3.0 AC-FT 17270  
WTR YR 1995 TOTAL 20395.4 MEAN 55.9 MAX 337 MIN 3.3 AC-FT 40450

MAX DISCH 349 (adj.) CFS AT 1300 30-JUN-1995 GH 3.14 FT. SHIFT -0.02 FT. MAX GH 3.14 FT. AT 1300 30-JUN-1995



PLATTE RIVER BASIN

06694920 SOUTH PLATTE RIVER ABOVE SPINNEY MOUNTAIN RESERVOIR, CO

LOCATION.--Lat 38°59'10", long 105°40'52".

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorder with satellite telemetry in a wooden shelter at a 25' Parshall flume. Station and satellite telemetry are owned and maintained by the City of Aurora.

REMARKS.--Primary record is from satellite data base. Record is taken from hourly satellite readings and is complete and reliable, except for the winter period; Nov. 22, 1994-Mar. 31, 1995 when the flume was frozen. Record is good during warm periods and poor during winter estimated periods. Record is developed by Robert E. Cooper.

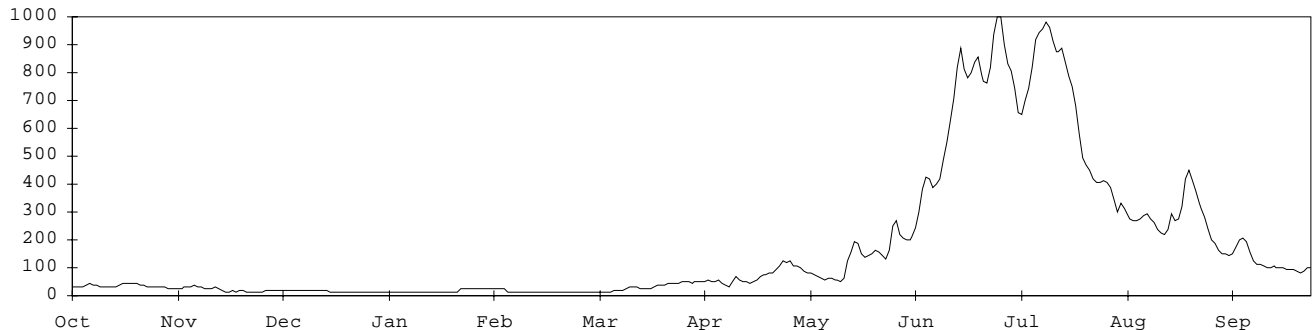
RATING TABLE.--PLASPIC001 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	25	20	15	25	10	46	109	220	1000	407	203
2	34	28	20	15	25	10	50	105	206	903	386	185
3	30	29	20	15	25	10	48	103	202	834	341	164
4	30	32	20	15	25	10	51	90	202	805	303	151
5	37	29	20	15	25	10	52	84	214	742	331	149
6	41	35	20	15	10	10	58	83	244	657	310	143
7	36	34	20	15	10	10	51	73	297	648	287	152
8	37	31	20	15	10	15	49	66	383	701	273	173
9	34	27	20	15	10	20	55	61	425	743	266	199
10	32	26	20	15	10	20	44	55	420	819	269	209
11	32	26	20	15	10	20	38	60	386	917	276	191
12	33	31	20	15	10	20	30	63	400	943	285	155
13	32	26	20	15	10	25	53	59	420	957	296	127
14	30	19	20	15	10	30	69	54	487	979	276	115
15	35	12	20	15	10	30	55	52	550	963	261	111
16	41	15	15	15	10	30	49	61	623	913	237	104
17	43	17	15	15	10	25	51	124	705	877	222	100
18	42	10	15	15	10	25	46	156	816	878	216	100
19	42	17	15	15	10	25	53	196	889	886	240	106
20	41	18	15	15	10	25	54	185	814	835	296	101
21	39	15	15	15	10	30	71	152	784	787	268	101
22	35	15	15	15	10	40	78	138	802	747	277	103
23	33	15	15	25	10	40	75	142	835	682	320	93
24	32	15	15	25	10	40	79	150	856	582	420	91
25	32	15	15	25	10	45	83	160	793	493	453	91
26	31	15	15	25	10	45	95	159	771	468	411	86
27	31	20	15	25	10	45	104	142	760	450	375	84
28	29	20	15	25	10	45	126	130	819	420	331	86
29	27	20	15	25	---	50	121	161	937	406	312	97
30	28	20	15	25	---	50	122	253	1000	407	280	101
31	25	---	15	25	---	50	---	267	---	411	236	---
TOTAL	1058	657	540	555	355	860	1956	3693	17260	22853	9461	3871
MEAN	34.1	21.9	17.4	17.9	12.7	27.7	65.2	119	575	737	305	129
AC-FT	2100	1300	1070	1100	704	1710	3880	7330	34240	45330	18770	7680
MAX	43	35	20	25	25	50	126	267	1000	1000	453	209
MIN	25	10	15	15	10	10	30	52	202	406	216	84

CAL YR 1994 TOTAL 28875.0 MEAN 79.1 MAX 517 MIN 8.0 AC-FT 57270  
WTR YR 1995 TOTAL 63119 MEAN 173 MAX 1000 MIN 10 AC-FT 125200

MAX DISCH (adj) 1023 CFS AT 2100 30-JUN-1995 GH 4.04 FT. SHIFT 0.04 FT. MAX GH 4.04 FT. AT 2100 30-JUN-1995



PLATTE RIVER BASIN

06695000 SOUTH PLATTE RIVER ABOVE ELEVENMILE CANYON RESERVOIR, NEAR HARTSEL, CO

**LOCATION.**--Lat 38°58'03", long 105°34'51", in NE¼ sec. 32, T.12 S., R.73 W., Park County, Hydrologic Unit 10190001, on left bank 200 ft downstream from highway bridge, 2.5 mi upstream from water line of Elevenmile Canyon Reservoir, at elevation 8,561 ft. and 13 mi southeast of Hartsel.

**DRAINAGE AREA.**--880 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in a wooden shelter at a 25' Parshall flume. Datum of gage is 8,612.83 ft, (Denver Board of Water Commissioners Datum). Station is owned and maintained by the Denver Water Dept. Satellite telemetry is maintained by the U. S. Army Corps of Engineers and the USGS.

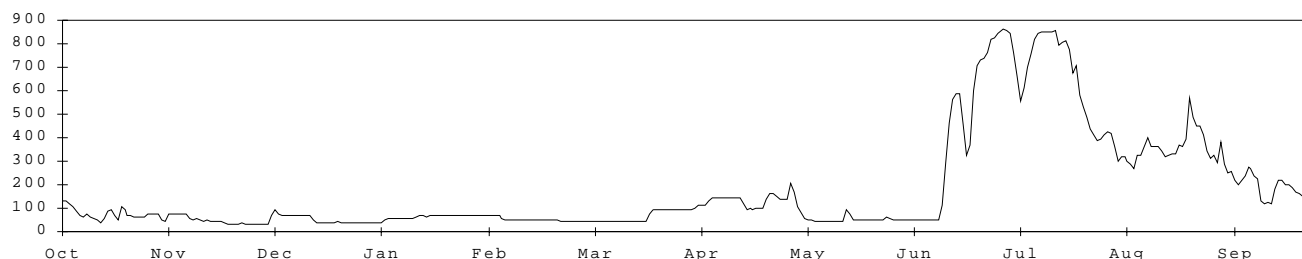
**REMARKS.**--Record is taken from hourly satellite readings. The satellite data agrees within 0.02 Foot of available chart data. Record is complete and reliable, except for Nov. 24-30, 1994 when DCP quit and chart clock was stopped. Spinney Reservoir is 2 miles upstream, with no inflows between it and the gage. Spinney release keeps this gage open year around. Record is good. Record developed by Robert Cooper.

**RATING TABLE.**--PLAHARCO15 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	130	76	71	40	68	42	96	206	49	857	428	324
2	131	76	94	40	68	42	96	166	50	862	416	292
3	119	76	74	48	67	42	103	107	52	858	365	381
4	104	78	66	57	68	41	115	82	52	845	298	286
5	90	77	66	57	68	42	115	57	52	760	321	251
6	67	77	66	57	57	42	115	52	51	662	320	254
7	65	57	67	57	48	41	130	49	51	558	301	219
8	73	49	66	57	50	41	142	44	52	610	288	197
9	62	54	66	57	50	41	143	44	52	701	271	218
10	59	47	69	57	50	41	144	44	52	756	323	239
11	47	46	66	57	50	42	144	45	52	816	323	278
12	38	49	69	61	50	42	144	45	52	845	362	269
13	58	44	51	66	50	42	144	45	52	852	398	235
14	86	44	38	66	50	41	142	45	112	851	361	225
15	91	45	40	65	50	42	142	45	293	850	365	133
16	66	44	40	66	50	42	143	46	461	853	363	117
17	51	36	40	66	51	43	116	92	564	855	341	124
18	106	32	38	66	50	44	96	76	589	794	321	121
19	93	32	37	67	50	43	97	49	587	806	323	180
20	71	31	42	67	51	42	96	48	458	813	330	216
21	67	33	39	67	51	72	97	48	324	774	333	216
22	64	36	39	68	51	96	97	48	366	675	367	202
23	62	32	39	68	46	96	97	48	603	709	363	198
24	60	32	39	68	42	96	136	48	709	581	392	190
25	64	32	39	68	42	96	163	49	732	530	570	171
26	73	32	40	68	42	96	164	49	740	487	489	161
27	74	32	39	68	42	96	148	49	761	438	452	150
28	73	32	39	68	42	96	136	49	816	410	448	133
29	74	32	39	68	---	96	136	60	827	388	412	128
30	51	32	39	68	---	96	136	57	842	391	346	136
31	44	---	38	68	---	96	---	48	---	415	314	---
TOTAL	2313	1395	1595	1921	1454	1870	3773	1940	10453	21602	11304	6244
MEAN	74.6	46.5	51.5	62.0	51.9	60.3	126	62.6	348	697	365	208
AC-FT	4590	2770	3160	3810	2880	3710	7480	3850	20730	42850	22420	12380
MAX	131	78	94	68	68	96	164	206	842	862	570	381
MIN	38	31	37	40	42	41	96	44	49	388	271	117
CAL YR 1994 TOTAL		38431	MEAN	105	MAX	282	MIN	31	AC-FT	76230		
WTR YR 1995 TOTAL		65864	MEAN	180	MAX	862	MIN	31	AC-FT	130600		

MAX DISCH 870 CFS AT 1500 01-JUL-1995 GH 3.99 FT. SHIFT 0.01 FT. MAX GH 3.99 FT. AT 1500 01-JUL-1995





PLATTE RIVER BASIN

06696000 SOUTH PLATTE RIVER NEAR LAKE GEORGE, CO

**LOCATION.**--Lat 38°54'18", long 105°29'24". in SW¼ sec. 20, T.13 S., R.72 W., Park County, Hydrologic Unit 10190001, on left bank 700 ft downstream from Elevenmile Canyon Reservoir and 8.2 mi southwest of town of Lake George.

**DRAINAGE AREA.**--963 mi².

**GAGE.**--Water-stage recorder and satellite monitoring in a wooden shelter at a 15' Parshall flume with outside staff gage. Elevation of gage is 8,458 ft from topographic map. Station is owned and maintained by the Denver Water Dept.

**REMARKS.**--Hourly satellite data was used for primary record, except for the following periods when encoder data was unreliable or missing: July 14-Aug. 21, 1995 when mean daily gage heights from chart used; Sep. 3-30, 1995 when mean daily gage heights from chart used. Record is good. Record is developed by Robert E. Cooper.

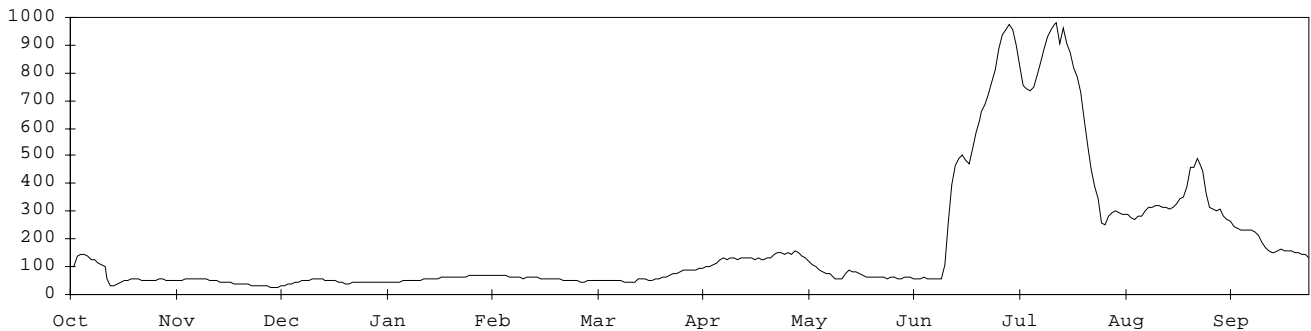
**RATING TABLE.**--PLAGEOCO04 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	101	50	27	42	71	47	88	145	59	885	253	313
2	101	50	31	42	72	50	89	159	58	937	283	308
3	140	51	34	42	69	51	89	150	60	958	298	304
4	147	56	37	43	69	50	92	141	60	976	302	309
5	146	57	40	45	68	48	96	131	60	954	293	283
6	141	58	44	47	67	51	98	122	58	898	292	272
7	124	59	47	49	64	52	99	108	54	824	290	262
8	123	56	49	50	63	50	107	102	54	753	288	246
9	116	56	51	50	63	50	115	90	60	739	278	241
10	108	55	53	50	60	50	126	79	55	734	273	233
11	101	53	56	51	59	49	133	75	55	746	281	232
12	55	53	56	52	63	49	128	74	54	793	285	232
13	31	51	57	54	64	47	130	66	54	838	305	230
14	33	47	55	56	63	45	135	58	55	885	314	225
15	40	45	53	57	61	45	128	57	106	933	316	216
16	43	46	51	59	59	46	129	55	258	957	318	187
17	48	45	49	59	58	54	131	74	397	974	318	172
18	48	38	48	60	57	54	134	85	465	981	313	157
19	54	38	45	61	56	54	131	82	493	903	314	152
20	54	40	42	62	55	53	127	80	505	960	311	154
21	55	35	40	64	55	53	130	75	484	905	314	157
22	52	35	37	64	54	57	128	70	471	875	326	162
23	53	34	43	65	53	59	125	65	530	815	343	157
24	49	32	46	65	52	64	129	63	586	788	355	157
25	49	32	46	66	51	66	131	62	630	730	391	157
26	50	32	45	67	50	72	144	63	659	638	460	154
27	54	32	45	68	48	73	148	62	686	541	460	152
28	54	29	44	68	47	78	148	60	722	455	491	145
29	49	28	43	71	---	83	145	59	769	392	480	142
30	52	27	43	72	---	86	149	62	812	343	448	135
31	51	---	42	70	---	87	---	64	---	259	367	---
TOTAL	2322	1320	1399	1771	1671	1773	3682	2638	9369	24369	10360	6246
MEAN	74.9	44.0	45.1	57.1	59.7	57.2	123	85.1	312	786	334	208
AC-FT	4610	2620	2770	3510	3310	3520	7300	5230	18580	48340	20550	12390
MAX	147	59	57	72	72	87	149	159	812	981	491	313
MIN	31	27	27	42	47	45	88	55	54	259	253	135

CAL YR 1994 TOTAL 36089 MEAN 98.9 MAX 244 MIN 27 AC-FT 71580  
WTR YR 1995 TOTAL 66920 MEAN 183 MAX 981 MIN 27 AC-FT 132700

MAX DISCH 869 CFS AT 1400 04-JUL-1995 GH 5.37 FT. SHIFT 0.07 FT. MAX GH 5.37 FT. AT 1400 04-JUL-1995



PLATTE RIVER BASIN

06701500 SOUTH PLATTE RIVER BELOW CHEESMAN LAKE, CO

**LOCATION.**--Lat 39°12'33", long 105°16'02", in SE¼NW¼ sec.6, T.10 S., R.70 W., Jefferson County, Hydrologic Unit 10190002, on left bank 1,400 ft downstream from toe of Cheesman Dam and 3.8 mi southwest of Deckers.

**DRAINAGE AREA.**--1,752 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in a wooden shelter at a 30 ft Parshall flume. Datum of gage is 6,609 ft. Station is owned and maintained by the Denver Water Dept. Satellite telemetry is maintained by the U.S. Army Corps of Engineers and the USGS.

**REMARKS.**--Primary record is taken from hourly satellite gage readings, and is complete. Record is reliable--satellite data agrees with the chart within 0.02 ft. The record is good. Record is developed by Robert Cooper.

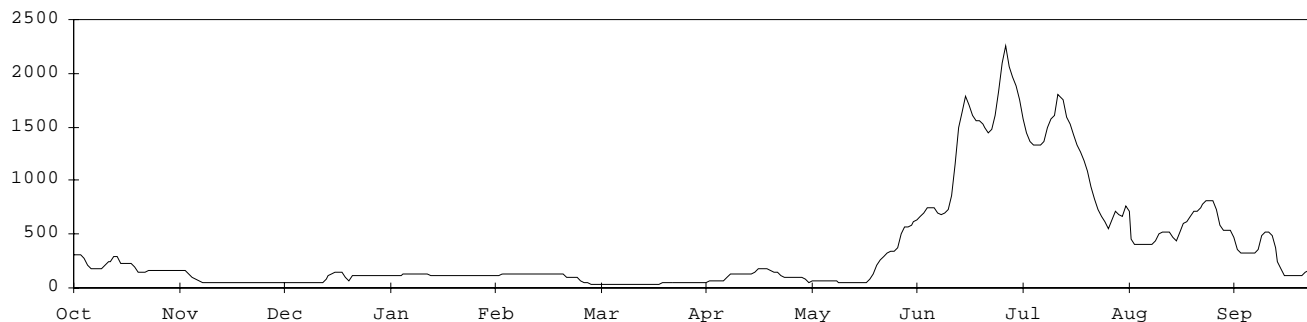
**RATING TABLE.**--PLACHECO11 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	316	161	42	110	110	41	51	104	506	2100	548	812
2	316	160	42	110	110	38	51	104	565	2260	630	725
3	316	160	43	111	120	38	51	104	570	2060	717	589
4	270	122	42	111	126	37	51	76	590	1960	675	529
5	203	92	42	119	126	36	52	56	616	1880	667	531
6	179	79	42	132	126	36	63	57	633	1750	756	529
7	179	59	42	132	125	36	72	57	662	1580	713	467
8	179	44	42	132	124	36	71	57	694	1440	462	365
9	179	44	42	132	124	36	72	57	742	1370	401	327
10	209	44	42	132	124	36	73	57	752	1330	400	328
11	237	44	42	132	124	36	93	57	750	1330	400	328
12	249	44	42	132	124	36	126	57	699	1330	402	329
13	298	44	42	123	124	36	126	57	680	1360	402	329
14	289	44	79	111	124	36	126	56	699	1500	400	364
15	230	44	113	111	124	36	126	56	738	1570	446	488
16	230	43	122	111	124	36	126	56	859	1610	500	523
17	230	44	138	111	124	37	126	56	1160	1810	525	522
18	230	43	138	111	125	37	126	56	1490	1780	524	492
19	197	43	138	111	125	39	150	56	1640	1750	522	369
20	154	43	95	111	124	39	177	56	1780	1590	472	245
21	154	42	70	111	124	39	177	56	1710	1530	441	174
22	154	42	111	111	124	39	177	54	1610	1430	513	116
23	156	42	111	111	104	44	177	77	1560	1330	593	115
24	157	42	110	111	91	51	164	135	1560	1260	614	117
25	159	42	110	110	91	51	148	207	1530	1190	669	117
26	160	42	110	110	91	51	148	257	1490	1090	711	117
27	161	42	110	110	65	51	120	289	1450	949	712	118
28	162	42	110	110	45	51	103	329	1470	824	740	144
29	162	42	110	110	---	51	103	341	1610	733	784	156
30	162	42	110	110	---	51	103	338	1830	673	814	171
31	162	---	110	110	---	51	---	377	---	621	814	---
TOTAL	6439	1821	2542	3599	3192	1268	3329	3752	32645	44990	17967	10536
MEAN	208	60.7	82.0	116	114	40.9	111	121	1088	1451	580	351
AC-FT	12770	3610	5040	7140	6330	2520	6600	7440	64750	89240	35640	20900
MAX	316	161	138	132	126	51	177	377	1830	2260	814	812
MIN	154	42	42	110	45	36	51	54	506	621	400	115

CAL YR 1994 TOTAL 71500 MEAN 196 MAX 715 MIN 42 AC-FT 141800  
WTR YR 1995 TOTAL 132080 MEAN 362 MAX 2260 MIN 36 AC-FT 262000

MAX DISCH 2307 CFS AT 0600 02-JUL-1995 GH 8.60 FT. SHIFT -0.01 FT. MAX GH 8.60 FT. AT 0600 02-JUL-1995



PLATTE RIVER BASIN

06706000 NORTH FORK SOUTH PLATTE RIVER BELOW GENEVA CREEK, AT GRANT, CO

**LOCATION.**--Lat 39°27'26", long 105°39'29" in NW¼ sec. 10, T.7 S., R.74 W., Park County, Hydrologic Unit 10190002, on left bank at Grant, 1,550 ft downstream from Geneva Creek, and 1.3 mi downstream from east portal of Harold D. Roberts tunnel.

**DRAINAGE AREA.**--127 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in a wooden shelter at a concrete control section. Station is owned and maintained by the Denver Water Dept. Satellite telemetry is maintained by the U.S. Army Corps of Engineers and the USGS.

**REMARKS.**--The primary record is taken from the hourly satellite data and is complete. The record is reliable; it was found to agree to within 0.02 ft. with the chart data. Record is good. Record is developed by Robert E. Cooper.

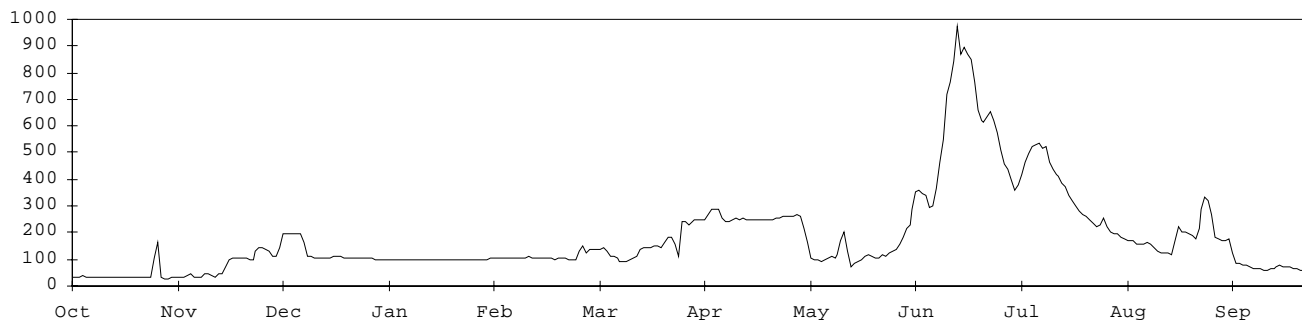
**RATING TABLE.**--PLAGRAC011 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	30	145	99	102	127	245	261	158	511	224	270
2	34	30	195	99	105	138	248	266	184	459	204	182
3	34	33	195	99	106	138	249	264	217	438	196	179
4	37	38	195	100	105	135	248	217	231	397	193	172
5	35	45	195	99	103	134	249	162	288	359	185	172
6	33	34	195	99	102	141	265	104	351	379	176	174
7	34	30	194	99	102	128	286	100	360	421	170	124
8	34	35	164	99	102	114	287	96	345	467	167	87
9	34	46	111	99	102	114	285	94	339	498	168	87
10	33	47	109	99	102	106	256	100	295	524	158	81
11	32	42	106	99	106	93	240	106	300	530	155	78
12	31	32	105	99	108	93	244	108	366	537	158	75
13	30	44	106	98	106	93	251	107	464	516	162	68
14	30	43	105	98	105	97	254	117	549	524	157	67
15	33	75	105	99	105	102	251	169	719	467	147	66
16	32	100	105	99	104	114	253	205	765	437	131	62
17	32	106	108	99	103	139	250	129	846	421	124	61
18	31	105	108	99	102	146	249	73	973	412	121	65
19	32	106	112	99	102	147	248	87	872	386	124	66
20	31	107	107	99	98	145	248	93	897	374	117	69
21	32	106	104	99	104	150	247	99	870	343	167	77
22	32	100	105	99	105	150	249	113	852	318	219	70
23	31	100	105	99	102	147	250	119	767	300	203	70
24	30	130	105	97	101	163	251	108	659	280	204	69
25	103	144	106	99	100	186	250	106	619	270	194	65
26	163	143	103	100	100	185	256	107	614	260	190	65
27	31	139	102	100	129	155	258	115	636	248	178	62
28	29	133	102	99	148	110	261	112	651	234	217	62
29	28	108	100	99	---	240	262	121	622	225	286	64
30	31	110	99	100	---	239	262	128	575	228	333	62
31	32	---	99	101	---	232	---	138	---	252	318	---
TOTAL	1199	2341	3895	3071	2959	4401	7652	4124	16384	12015	5746	2871
MEAN	38.7	78.0	126	99.1	106	142	255	133	546	388	185	95.7
AC-FT	2380	4640	7730	6090	5870	8730	15180	8180	32500	23830	11400	5690
MAX	163	144	195	101	148	240	287	266	973	537	333	270
MIN	28	30	99	97	98	93	240	73	158	225	117	61

CAL YR 1994 TOTAL 52012 MEAN 142 MAX 440 MIN 28 AC-FT 103200  
WTR YR 1995 TOTAL 66658 MEAN 183 MAX 973 MIN 28 AC-FT 132200

MAX DISCH 1164 CFS AT 0200 18-JUN-1995 GH 2.48 FT. SHIFT -0.04 FT. MAX GH 2.48 FT. AT 0200 18-JUN-1995



PLATTE RIVER BASIN

06707500 SOUTH PLATTE RIVER AT SOUTH PLATTE, CO

**LOCATION.**--Lat 39°24'33", long 105°10'10", SE¼ sec. 25, T.7 S., R.70 W., Jefferson County, Hydrologic Unit 10190002, on left bank at South Platte, 200 ft downstream from bridge on State Highway 75, and 400 ft downstream from North Fork.

**DRAINAGE AREA.**--2,579 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder with satellite telemetry in a new concrete shelter and CMP well. A new cableway also installed. Satellite telemetry is maintained by the U. S. Army Corps of Engineers and the USGS.

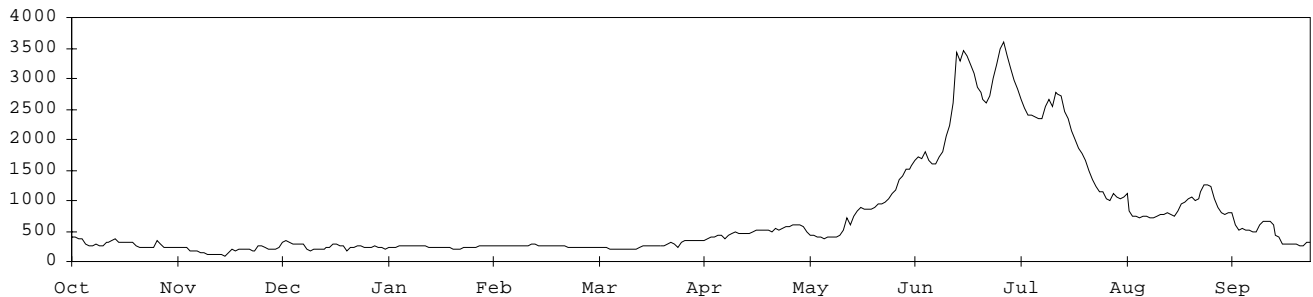
**REMARKS.**--Record is taken from hourly satellite readings. Record is complete and reliable except for dec. 15, 1995-Jan. 27, 1995 and Feb 13-16, 1995 when the channel stage was affected by ice. The record is good for open water conditions. Winter period estimates are fair. Station is maintained and records developed by Robert Cooper.

**RATING TABLE.**--PLASPLCO14 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	410	225	229	211	245	231	343	590	1330	3490	1020	1230
2	388	230	328	240	246	220	347	598	1400	3600	988	1040
3	382	231	342	219	250	224	347	614	1510	3380	1100	892
4	370	233	313	225	262	219	351	577	1510	3160	1070	786
5	297	177	279	255	261	216	357	487	1570	2980	1030	785
6	261	172	276	254	263	226	359	436	1670	2820	1060	792
7	261	160	274	264	263	222	405	416	1700	2660	1110	789
8	273	142	277	258	262	198	409	409	1690	2510	840	607
9	270	129	200	267	265	202	435	391	1800	2410	739	527
10	271	123	184	260	261	207	417	383	1660	2410	736	557
11	315	125	202	258	265	196	371	389	1600	2370	718	526
12	313	123	205	248	265	194	425	398	1610	2350	731	514
13	353	124	209	248	275	188	454	395	1710	2350	730	494
14	381	120	206	236	284	187	474	390	1800	2530	704	485
15	310	98	229	242	258	190	462	417	2050	2670	720	605
16	310	149	216	225	247	198	454	517	2230	2540	742	666
17	320	200	294	221	260	242	461	714	2610	2770	766	664
18	318	183	283	220	260	257	461	612	3430	2730	767	643
19	310	191	267	220	260	256	483	742	3280	2700	788	586
20	243	201	253	221	260	249	512	839	3460	2460	762	419
21	234	198	158	212	261	247	518	872	3360	2330	733	403
22	234	198	235	198	268	255	511	867	3220	2130	836	295
23	231	179	242	201	264	246	503	857	3080	1990	957	293
24	228	185	254	231	233	253	506	851	2870	1860	974	285
25	227	246	245	228	231	289	481	890	2780	1760	1020	280
26	353	257	242	228	232	300	537	936	2670	1650	1050	272
27	297	231	231	230	236	291	527	947	2610	1490	1010	267
28	235	208	235	241	242	217	529	968	2700	1350	1020	269
29	227	187	244	243	---	305	559	1020	2990	1220	1140	300
30	226	211	242	243	---	342	579	1100	3220	1130	1270	305
31	231	---	216	249	---	335	---	1180	---	1130	1250	---
TOTAL	9079	5436	7610	7296	7179	7402	13577	20802	69120	72930	28381	16576
MEAN	293	181	245	235	256	239	453	671	2304	2353	916	553
AC-FT	18010	10780	15090	14470	14240	14680	26930	41260	137100	144700	56290	32880
MAX	410	257	342	267	284	342	579	1180	3460	3600	1270	1230
MIN	226	98	158	198	231	187	343	383	1330	1130	704	267
CAL YR 1994 TOTAL		149728	MEAN	410	MAX	1240	MIN	98	AC-FT	297000		
WTR YR 1995 TOTAL		265388	MEAN	727	MAX	3600	MIN	98	AC-FT	526400		

MAX DISCH 3670 CFS AT 0830 18-JUN-1995 GH 7.32 FT. SHIFT -0.26 FT. MAX GH 7.32 FT. AT 0830 18-JUN-1995



PLATTE RIVER BASIN

06707501 SOUTH PLATTE RIVER BELOW STRONTIA SPRINGS RESERVOIR, CO

LOCATION.--Lat 39°26'00", long 105°07'30", SW¼SW¼ sec. 16, T.7 S., R.69 W., Douglas County, on right bank 1/4 mi downstream from Strontia Springs Dam.

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorder with satellite telemetry in a formed concrete shelter with inside drop tape and outside staff gage.

REMARKS.--The satellite record is the primary record and is complete and reliable except for Dec. 10-12, 15-16, 20, 27-28, 31, 1994-Feb. 4, 11-17, 1995 when the gage height was affected by ice on the control. The record is rated as good. Station maintained and records developed by Rodger L. Burcher.

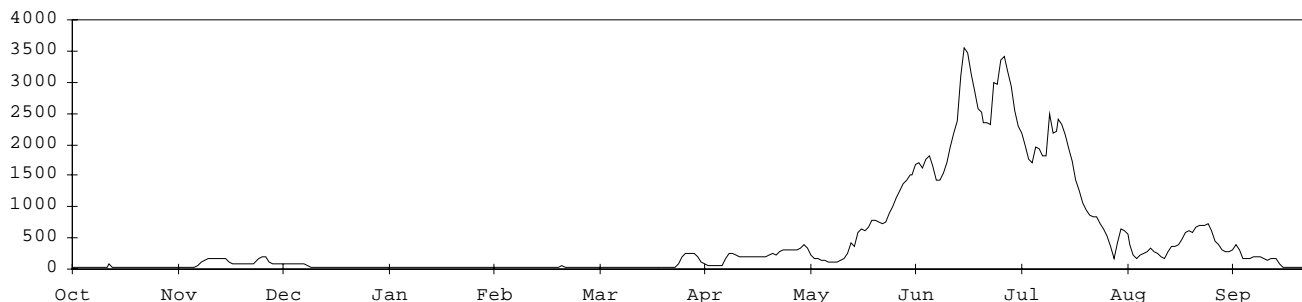
RATING TABLE.--PLASTRCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	33	90	31	35	30	243	307	1250	3360	533	615
2	33	33	90	31	35	30	242	317	1380	3420	361	434
3	33	32	90	31	35	32	206	326	1440	3150	168	382
4	34	32	90	31	35	33	111	402	1500	2940	425	320
5	34	32	92	31	35	31	78	322	1520	2540	634	275
6	33	32	92	31	34	31	65	225	1680	2290	611	279
7	34	43	92	31	35	31	50	179	1700	2170	567	308
8	34	117	93	31	35	33	50	170	1630	1980	388	390
9	34	148	54	31	36	34	55	151	1760	1760	234	299
10	34	159	28	32	37	33	55	129	1820	1710	172	173
11	34	170	28	33	36	32	155	123	1640	1960	215	169
12	91	168	28	33	36	34	264	125	1440	1930	241	172
13	35	168	29	33	37	34	243	124	1430	1810	273	183
14	35	168	29	33	37	34	211	124	1530	1820	325	183
15	35	166	28	33	38	33	207	148	1700	2490	292	184
16	35	123	28	33	38	35	207	157	1950	2180	241	161
17	35	95	30	33	39	33	205	261	2180	2210	195	153
18	35	94	30	33	40	32	206	417	2380	2410	178	155
19	36	95	29	33	40	32	204	368	3100	2330	283	155
20	36	97	29	33	41	32	206	583	3550	2140	352	162
21	35	96	31	33	41	32	203	648	3460	1920	352	95
22	35	96	31	33	42	32	197	629	3140	1740	393	38
23	35	97	31	33	35	31	198	663	2850	1420	476	35
24	34	98	31	33	30	34	222	777	2570	1260	575	34
25	34	158	31	34	30	35	250	797	2510	1050	616	34
26	34	183	31	34	30	30	235	761	2340	960	576	37
27	41	184	30	34	30	33	278	729	2340	856	678	38
28	35	125	30	34	30	76	315	767	2330	836	697	37
29	34	89	32	34	---	202	316	905	2990	839	688	36
30	33	89	32	34	---	250	312	1020	2970	725	704	36
31	33	---	31	34	---	246	---	1140	---	637	740	---
TOTAL	1126	3220	1440	1011	1002	1650	5789	13794	64080	58843	13183	5572
MEAN	36.3	107	46.5	32.6	35.8	53.2	193	445	2136	1898	425	186
AC-FT	2230	6390	2860	2010	1990	3270	11480	27360	127100	116700	26150	11050
MAX	91	184	93	34	42	250	316	1140	3550	3420	740	615
MIN	33	32	28	31	30	30	50	123	1250	637	168	34

CAL YR 1994 TOTAL 53938 MEAN 148 MAX 1210 MIN 28 AC-FT 107000  
WTR YR 1995 TOTAL 170710 MEAN 468 MAX 3550 MIN 28 AC-FT 338600

MAX DISCH 4050 CFS AT 1430 20-JUN-1995 GH 7.17 FT. SHIFT -0.19 FT. MAX GH 7.17 FT. AT 1430 20-JUN-1995



PLATTE RIVER BASIN

06708000 SOUTH PLATTE RIVER AT WATERTON, CO

**LOCATION.**--Lat 39°29'18", long 105°05'32", in NE¼ sec. 34, T.6 S., R.69 W., Jefferson County, Hydrologic Unit 10190002, on left bank 168 ft downstream from bridge on State Highway 221, 0.4 mi south of Waterton, 4.7 mi west of Louviers, and 6 mi upstream from Plum Creek.

**DRAINAGE AREA.**--2,621 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder with satellite telemetry. Datum of gage 5,484.43 ft National Geodetic Vertical Datum.

**REMARKS.**--The record is complete and reliable except for the winter period of missing record. Period of missing record is: Nov. 29, 1994-Feb. 21, 1995, with partial missing record on Nov. 28, 1994 and Feb. 22, 1995. The stage-discharge relation was affected by ice on Mar. 1-4, 7-8, 1995. The satellite record is the primary record. The record is rated good except for the period of missing record and periods of ice affect which are rated as poor. Station maintained and records developed by Rodger L. Burcher.

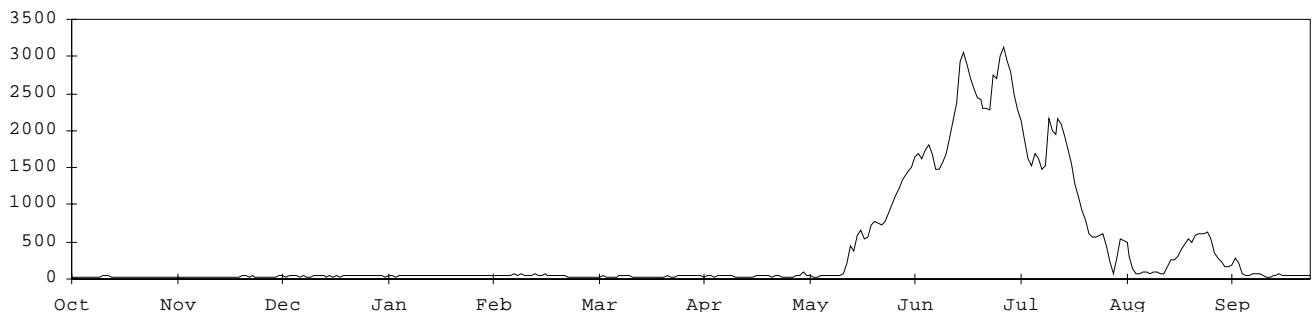
**RATING TABLE.**--PLAWATCO08 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	30	36	28	46	32	39	33	1210	3000	451	540
2	33	33	36	48	46	32	37	37	1340	3130	242	364
3	33	32	35	48	46	31	46	37	1410	2940	68	287
4	34	31	36	34	46	31	44	95	1470	2790	292	224
5	32	31	42	54	52	34	35	57	1500	2500	540	164
6	31	31	39	54	40	37	37	41	1640	2270	525	164
7	31	30	34	48	46	32	36	34	1690	2130	490	186
8	32	31	41	47	59	34	34	34	1630	1890	313	284
9	29	30	34	55	44	34	36	41	1750	1620	148	211
10	57	28	30	54	59	35	38	44	1820	1520	72	65
11	46	26	37	48	51	40	41	37	1680	1680	80	54
12	40	26	37	48	51	36	43	37	1480	1630	83	52
13	31	27	39	49	36	36	37	36	1470	1470	85	60
14	32	28	39	48	68	36	33	36	1570	1520	79	60
15	31	27	31	49	54	34	33	54	1690	2150	97	61
16	31	29	46	48	40	34	33	70	1910	2000	95	44
17	32	31	32	42	60	34	33	222	2130	1960	79	30
18	31	29	45	41	44	34	33	452	2370	2160	71	33
19	31	29	31	49	57	32	34	378	2940	2090	165	38
20	31	36	39	48	44	34	41	589	3060	1920	262	38
21	31	36	39	42	57	34	40	656	2880	1730	261	63
22	31	33	46	41	44	34	36	550	2690	1550	296	43
23	31	36	46	43	37	33	36	565	2560	1270	393	37
24	31	34	46	47	31	33	37	737	2440	1110	479	37
25	31	34	46	48	32	39	35	785	2420	918	539	36
26	31	31	48	54	32	34	37	756	2300	796	497	38
27	35	31	45	53	32	33	37	733	2300	621	587	38
28	32	32	48	58	32	43	32	770	2270	555	608	39
29	32	34	47	54	---	36	33	899	2760	565	607	39
30	31	35	54	50	---	41	33	1010	2710	590	615	39
31	31	---	48	53	---	39	---	1120	---	602	636	---
TOTAL	1029	931	1252	1483	1286	1081	1099	10945	61090	52677	9755	3368
MEAN	33.2	31.0	40.4	47.8	45.9	34.9	36.6	353	2036	1699	315	112
AC-FT	2040	1850	2480	2940	2550	2140	2180	21710	121200	104500	19350	6680
MAX	57	36	54	58	68	43	46	1120	3060	3130	636	540
MIN	29	26	30	28	31	31	32	33	1210	555	68	30

CAL YR 1994 TOTAL 26700 MEAN 73.2 MAX 754 MIN 18 AC-FT 52960  
WTR YR 1995 TOTAL 145996 MEAN 400 MAX 3130 MIN 26 AC-FT 289600

MAX DISCH 3285 CFS AT 1530 20-JUN-1995 GH 4.11 FT. SHIFT 0.14 FT. MAX GH 4.11 FT. AT 1530 20-JUN-1995



PLATTE RIVER BASIN

06709610 SOUTH PLATTE RIVER BELOW CHATFIELD RESERVOIR, CO

LOCATION.--Lat 39°33'26", long 105°03'27", SE¼, sec. 1, T.6 S., R.69 W., Jefferson County, Hydrologic Unit 10190002.

DRAINAGE AREA.--3,018 mi<sup>2</sup>.

GAGE.--Steven's A-70 Graphic water-stage recorder with satellite telemetry with electric drop tape for reference.

REMARKS.--Record is complete, reliable and good. The satellite record is the primary record with the recorder chart as back-up. Station maintained and records developed by Rodger L. Burcher.

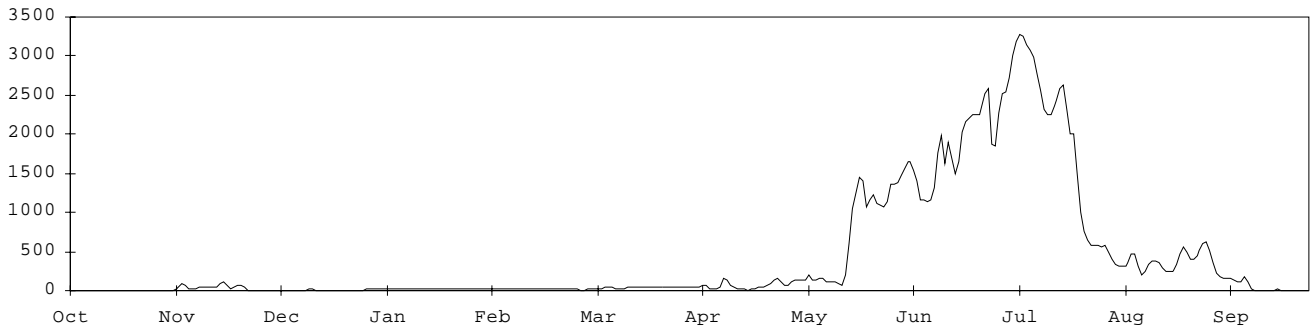
RATING TABLE.--PLACHACO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.6	20	0.74	20	24	9.6	37	106	1380	2270	578	507
2	6.2	67	0.73	20	24	17	37	124	1480	2530	486	350
3	6.3	94	0.65	20	24	26	38	124	1570	2540	404	234
4	6.3	62	0.64	20	24	26	44	124	1640	2720	329	173
5	6.1	24	0.65	20	24	26	74	143	1640	3000	312	153
6	4.4	24	2.7	20	24	32	65	193	1540	3180	312	153
7	0.46	24	5.7	20	19	45	24	127	1410	3280	312	153
8	0.47	34	5.7	20	15	48	15	127	1150	3250	363	137
9	0.47	37	9.0	20	15	41	15	156	1160	3150	475	115
10	0.47	38	15	20	15	32	44	154	1140	3070	472	115
11	0.38	55	15	20	15	32	154	120	1150	2980	306	182
12	0.38	55	11	20	15	32	139	101	1310	2760	204	117
13	3.9	55	5.4	20	19	32	60	101	1760	2570	254	12
14	6.2	93	5.4	20	24	34	42	102	1990	2320	344	6.2
15	6.2	122	5.3	20	24	36	32	91	1620	2250	387	0.70
16	6.3	56	5.2	20	24	36	32	78	1900	2250	384	0.57
17	6.3	16	5.1	20	20	36	21	200	1700	2370	363	0.54
18	6.3	41	5.1	20	14	36	1.1	592	1490	2430	294	0.55
19	6.3	74	5.1	20	14	36	13	1050	1660	2580	243	0.59
20	6.3	74	5.1	20	14	36	29	1250	2020	2640	242	5.1
21	6.3	43	5.1	20	14	36	36	1440	2160	2310	242	12
22	6.3	1.4	5.1	20	14	36	48	1400	2210	2000	324	10
23	6.3	1.2	4.8	16	19	36	49	1080	2250	2000	473	7.8
24	6.3	1.1	4.9	12	22	36	77	1150	2250	1490	548	7.8
25	6.3	1.0	5.7	12	22	36	95	1220	2260	1000	495	9.1
26	5.9	0.92	5.9	12	22	37	129	1110	2350	764	409	8.7
27	6.3	0.92	14	15	17	37	149	1100	2530	644	410	5.7
28	6.3	0.74	20	18	9.6	37	105	1070	2590	571	449	5.7
29	6.3	0.74	20	18	---	37	78	1130	1870	575	521	5.8
30	6.3	0.74	20	20	---	37	78	1350	1850	577	601	5.8
31	6.3	---	20	24	---	37	---	1370	---	566	615	---
TOTAL	155.23	1116.76	234.71	587	530.6	1050.6	1760.1	18483	53030	66637	12151	2493.64
MEAN	5.01	37.2	7.57	18.9	18.9	33.9	58.7	596	1768	2150	392	83.1
AC-FT	308	2220	466	1160	1050	2080	3490	36660	105200	132200	24100	4950
MAX	6.6	122	20	24	24	48	154	1440	2590	3280	615	507
MIN	0.38	0.74	0.64	12	9.6	9.6	1.1	78	1140	566	204	0.54

CAL YR 1994 TOTAL 24760.09 MEAN 67.8 MAX 677 MIN 0.14 AC-FT 49110  
WTR YR 1995 TOTAL 158229.64 MEAN 434 MAX 3280 MIN 0.38 AC-FT 313800

MAX DISCH 3310 CFS AT 1700 06-JUL-1995 GH 6.08 FT. SHIFT -0.02 FT. MAX GH 6.08 FT. AT 1700 06-JUL-1995



PLATTE RIVER BASIN

06710500 BEAR CREEK AT MORRISON, CO

**LOCATION.**--Lat 39°39'11", long 105°11'43", in SE¼SW¼ sec. 35, T.4 S., R.70 W., Jefferson County, Hydrologic Unit 10190002, on left bank at Morrison, 180 ft upstream from bridge on State Highway 8 and 0.2 mi upstream from Mount Vernon Creek.

**DRAINAGE AREA.**--164 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry, shaft encoder and Telemark in a 42-inch metal shelter and well with supplemental outside wire weight gage.

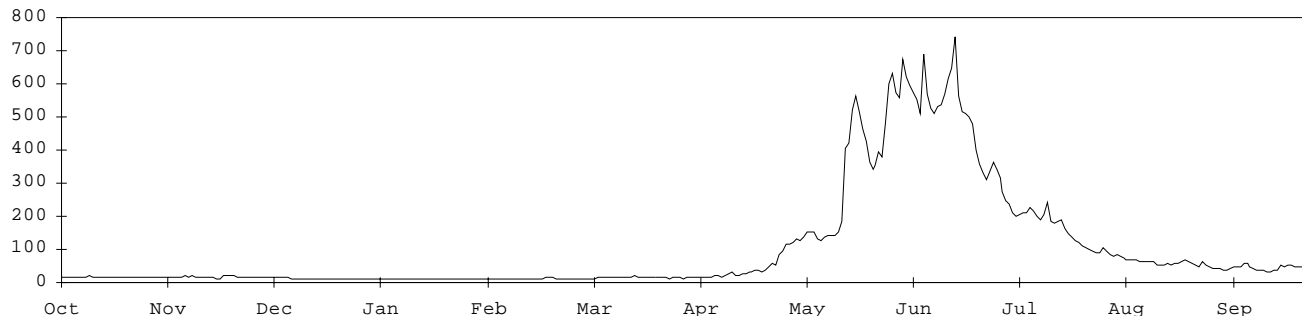
**REMARKS.**--The record is complete and reliable with the exception of the period of no record caused by frozen stilling well and control, Nov. 29, 1994-Feb. 7, 1995. The stage-discharge relation was affected by ice Nov. 23-28, 1994; Feb. 11-21; Mar. 1-9, 1995. The satellite record is the primary record. Chart values were used for May 3-5; June 10-11; July 4-14, 1995. Record is rated as poor for periods of ice effect and missing record and rated as good for the period of reliable record. Station maintained and records developed by Rodger L. Burcher.

**RATING TABLE.**--BCRMORCO18 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	14	15	12	11	13	15	118	576	316	96	44
2	16	15	15	12	11	13	16	119	558	276	86	42
3	15	15	14	11	11	13	15	134	672	245	80	41
4	15	14	14	11	11	13	15	128	619	235	84	39
5	16	14	14	11	11	13	17	136	593	211	81	39
6	16	19	14	11	11	14	17	153	572	202	74	43
7	15	18	13	11	11	14	17	154	551	205	70	48
8	18	19	13	11	11	14	17	154	508	208	67	50
9	19	16	13	11	11	14	22	131	688	208	67	49
10	17	16	13	11	11	14	20	128	570	226	66	59
11	15	17	13	11	11	16	18	136	524	214	62	56
12	15	18	13	11	11	16	19	141	510	198	65	50
13	15	17	13	11	11	14	24	144	532	190	64	42
14	15	15	12	11	12	14	30	141	536	203	61	39
15	14	13	12	11	12	14	22	151	571	240	62	38
16	15	13	12	11	13	15	23	182	615	184	55	35
17	17	19	12	11	13	19	26	405	647	179	52	34
18	18	20	12	11	13	18	27	420	742	185	55	34
19	16	21	12	11	14	17	33	521	564	187	58	38
20	17	19	12	11	14	15	31	561	517	162	55	39
21	16	16	12	11	14	16	36	517	508	147	56	51
22	16	16	12	11	13	18	35	464	502	135	56	46
23	15	16	12	11	13	15	33	428	477	128	65	55
24	14	16	12	11	13	15	38	361	401	121	70	52
25	14	16	12	11	12	14	47	344	360	113	62	48
26	14	16	12	11	13	14	57	353	334	106	56	47
27	15	15	12	11	12	13	52	394	313	98	51	45
28	14	15	12	11	13	15	83	379	335	93	49	44
29	14	15	12	11	---	14	97	484	362	91	61	44
30	14	15	12	11	---	14	115	599	342	89	51	45
31	14	---	12	11	---	13	---	633	---	103	48	---
TOTAL	478	488	393	343	337	454	1017	9113	15599	5498	1985	1336
MEAN	15.4	16.3	12.7	11.1	12.0	14.6	33.9	294	520	177	64.0	44.5
AC-FT	948	968	780	680	668	901	2020	18080	30940	10910	3940	2650
MAX	19	21	15	12	14	19	115	633	742	316	96	59
MIN	14	13	12	11	11	13	15	118	313	89	48	34
CAL YR 1994 TOTAL		9897	MEAN	27.1	MAX	111	MIN	12	AC-FT	19630		
WTR YR 1995 TOTAL		37041	MEAN	101	MAX	742	MIN	11	AC-FT	73470		

MAX DISCH 894 CFS AT 0645 18-JUN-1995 GH 6.53 FT. SHIFT -0.12 FT. MAX GH 6.53 FT. AT 0645 18-JUN-1995





PLATTE RIVER BASIN

06711500 BEAR CREEK AT MOUTH, AT SHERIDAN, CO

**LOCATION.**--Lat 39°39'08", long 105°01'57", in NW¼NW¼ sec. 5, T,5 S., R.68 W., Arapahoe County, Hydrologic Unit 10190002 on left bank just downstream from bridge on South Lowell Blvd., at Highway Department maintenance building at northwest city limits of Sheridan, 1.3 mi upstream from mouth, and 2.1 mi west of city hall in Englewood.

**DRAINAGE AREA.**--260 mi².

**GAGE.**--Water-stage recorder with satellite telemetry, shaft encoder and Telemark in a 42-inch metal shelter and well with supplemental outside wire weight gage.

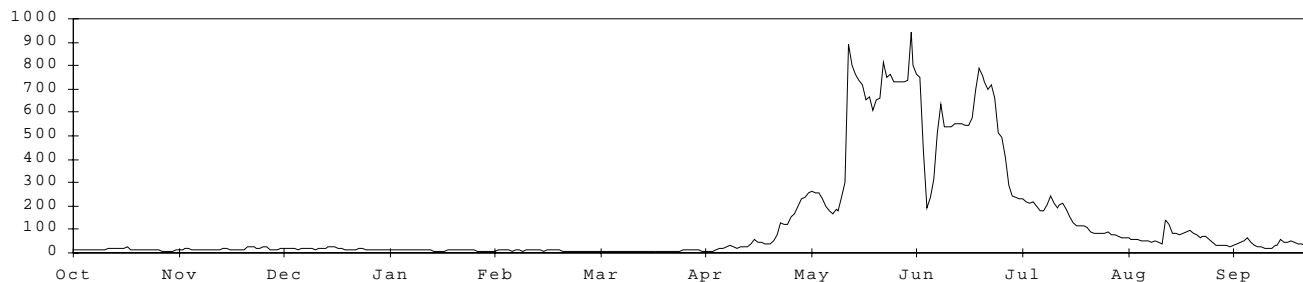
**REMARKS.**--The record is complete and reliable except for May 1-3, 1995 when the inlets were plugged. The stage-discharge relation was affected by ice on Nov. 29; Dec. 9-10, 1994; Jan. 1-4, 7, 1995. The satellite record is the primary record. The following chart values were used: Oct. 12-17; Nov. 15-27; Dec. 15-21, 1994; Jan. 19-24; Apr. 18-19, 27-30; May 4-16; Jun. 5-7; Jul. 3-4, 6-13, 1995. Record is rated as good except for periods of missing record and ice affect which is rated as fair. Station maintained and records developed by Rodger L. Burcher.

**RATING TABLE.**--BCRSHECO31 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	11	17	15	8.6	5.4	13	166	731	492	88	42
2	14	14	17	14	9.1	5.3	12	201	731	413	80	34
3	13	18	18	13	12	5.9	11	231	740	288	74	33
4	14	18	18	13	13	6.6	8.7	238	942	244	68	32
5	15	14	17	11	15	5.7	7.2	255	800	239	64	30
6	14	13	16	10	14	9.6	7.5	263	764	229	61	27
7	13	13	21	10	9.6	6.0	9.4	255	747	228	62	31
8	14	16	20	11	11	5.7	11	256	436	220	59	37
9	16	15	20	11	9.8	5.6	18	228	194	213	57	46
10	16	14	20	9.8	9.1	5.2	22	201	237	217	57	51
11	17	12	14	10	9.9	5.4	25	178	314	199	50	61
12	18	11	18	14	13	5.3	30	167	510	182	49	48
13	18	11	20	14	13	5.1	25	184	634	178	51	34
14	18	19	19	11	15	5.1	22	177	536	206	47	28
15	18	18	24	9.1	13	5.1	23	234	540	246	50	24
16	18	15	24	8.4	9.3	5.7	24	299	540	210	43	20
17	25	16	23	6.1	11	5.6	28	889	549	195	39	19
18	16	16	21	7.0	12	5.5	40	799	551	202	144	19
19	14	14	18	14	10	7.0	56	760	550	211	122	32
20	12	15	15	13	10	7.5	44	735	547	183	85	30
21	11	24	15	11	10	4.8	47	719	544	154	81	55
22	12	26	15	14	8.4	4.4	39	652	580	129	80	43
23	11	24	16	13	8.0	6.6	39	669	699	114	86	43
24	11	22	17	13	7.8	6.2	39	607	789	117	92	50
25	11	22	17	10	7.6	5.6	49	652	756	113	93	45
26	11	23	16	11	7.6	7.6	79	660	731	107	84	39
27	9.4	24	16	11	6.6	8.4	129	811	698	88	77	36
28	7.9	16	16	9.1	6.4	8.8	125	747	718	82	67	34
29	7.9	15	16	9.2	---	10	124	765	662	81	73	36
30	9.6	15	16	7.4	---	11	155	733	515	81	70	38
31	11	---	16	8.3	---	11	---	732	---	85	59	---
TOTAL	427.8	504	556	341.4	289.8	202.7	1261.8	14463	18285	5946	2212	1097
MEAN	13.8	16.8	17.9	11.0	10.4	6.54	42.1	467	610	192	71.4	36.6
AC-FT	849	1000	1100	677	575	402	2500	28690	36270	11790	4390	2180
MAX	25	26	24	15	15	11	155	889	942	492	144	61
MIN	7.9	11	14	6.1	6.4	4.4	7.2	166	194	81	39	19

CAL YR 1994 TOTAL 9770.3 MEAN 26.8 MAX 145 MIN 4.9 AC-FT 19380  
 WTR YR 1995 TOTAL 45586.5 MEAN 125 MAX 942 MIN 4.4 AC-FT 90420  
 MAX DISCH 3554 CFS AT 1715 04-JUN-1995 GH 7.50 FT. SHIFT -0.03 FT. MAX GH 7.50 FT. AT 1715 04-JUN-1995



PLATTE RIVER BASIN

06714000 SOUTH PLATTE RIVER AT DENVER, CO

**LOCATION.**--Lat 39°45'35", long 105°00'10", in NW¼SE¼ sec. 28, T.3 S., R.68 W., Denver County, Hydrologic Unit 10190003, on right bank 90 ft Upstream from Nineteenth Street Bridge in Denver and 0.4 mi downstream from Cherry Creek.

**DRAINAGE AREA.**--3,861 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in 60-inch steel shelter and well with Telemark and supplemental outside wire weight gage.

**REMARKS.**--The record is complete and reliable. The satellite record is the primary record. The following chart gage heights were entered into the daily means: Oct. 2-3, 10, 1994; Sep. 6-30, 1995. Record is considered good. Station maintained and records developed by Rodger L. Burcher.

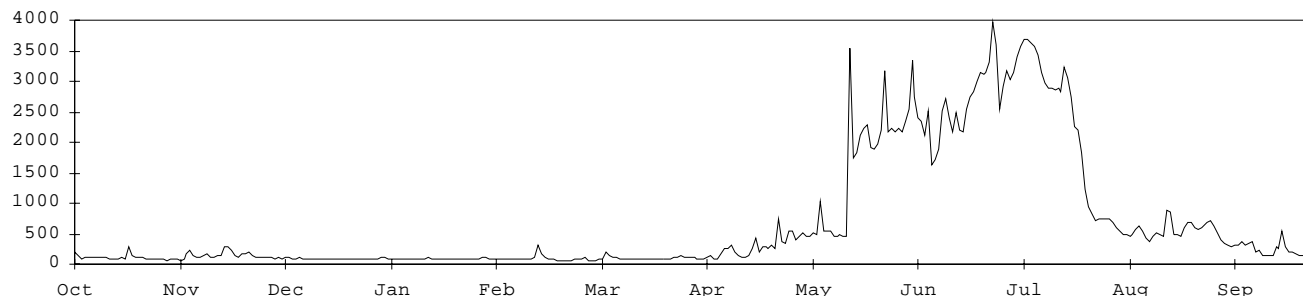
**RATING TABLE.**--PLADENCO31 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	200	70	98	93	84	62	103	407	2160	2900	756	635
2	129	95	100	94	89	61	99	443	2330	3180	696	517
3	94	182	101	95	89	70	96	512	2530	3040	592	408
4	104	229	97	91	91	78	90	465	3330	3150	542	345
5	118	142	98	93	87	81	103	460	2730	3390	489	307
6	112	117	102	85	95	188	145	512	2400	3560	483	298
7	102	110	98	97	84	133	91	487	2340	3690	466	317
8	125	147	96	99	83	115	77	1020	2120	3680	485	313
9	116	159	95	96	80	113	166	532	2500	3640	565	362
10	108	117	87	98	83	95	251	536	1620	3570	616	313
11	96	121	93	89	91	87	256	534	1700	3420	547	336
12	92	137	95	96	89	86	305	469	1900	3150	437	384
13	91	140	93	104	107	85	187	464	2500	2960	383	193
14	99	297	83	98	304	82	142	473	2710	2890	460	216
15	105	287	80	93	179	86	124	457	2390	2890	518	148
16	97	216	79	92	103	84	123	466	2180	2860	488	142
17	291	143	76	88	74	98	151	3530	2480	2880	469	132
18	150	105	76	90	77	90	252	1750	2210	2820	895	135
19	114	165	81	94	75	92	433	1820	2170	3220	848	298
20	105	181	73	89	70	96	188	2110	2540	3070	476	269
21	104	188	72	85	64	82	282	2220	2740	2730	478	531
22	93	139	75	85	59	80	297	2290	2820	2250	470	283
23	92	101	78	88	67	89	265	1910	2990	2210	595	203
24	93	115	82	82	67	83	303	1880	3150	1820	682	200
25	83	107	83	78	75	84	267	1980	3100	1230	680	177
26	78	111	79	76	73	120	731	2210	3150	953	595	154
27	77	106	81	84	72	100	377	3180	3300	821	565	142
28	70	100	88	91	101	144	352	2170	3980	721	588	129
29	79	96	92	123	---	123	530	2220	3610	734	626	279
30	85	101	102	102	---	113	555	2170	2550	741	680	348
31	96	---	100	86	---	106	---	2230	---	752	704	---
TOTAL	3398	4324	2733	2854	2612	3006	7341	41907	78230	78922	17874	8514
MEAN	110	144	88.2	92.1	93.3	97.0	245	1352	2608	2546	577	284
AC-FT	6740	8580	5420	5660	5180	5960	14560	83120	155200	156500	35450	16890
MAX	291	297	102	123	304	188	731	3530	3980	3690	895	635
MIN	70	70	72	76	59	61	77	407	1620	721	383	129

CAL YR 1994 TOTAL 70311 MEAN 193 MAX 1240 MIN 70 AC-FT 139500  
WTR YR 1995 TOTAL 251715 MEAN 690 MAX 3980 MIN 59 AC-FT 499300

MAX DISCH 8435 CFS AT 1830 04-JUN-1995 GH 9.42 FT. SHIFT 0.00 FT. MAX GH 9.42 FT. AT 1830 04-JUN-1995



PLATTE RIVER BASIN

06720000 CLEAR CREEK AT DERBY, CO

**LOCATION.**--Lat 39°49'42", long 104°57'30", in SW¼SW¼ sec. 36, T.2 S., R.68 W., Adams County, Hydrologic Unit 10190004, on right bank 875 ft downstream from York Street bridge, 0.5 mi upstream from mouth, and 2.5 mi west of Derby.

**DRAINAGE AREA.**--575 mi².

**GAGE.**--Graphic water-stage recorder with satellite monitoring DCP with digital shaft encoder and Telemark in a 60 inch corrugated metal shelter and well. New station location on June 26, 1992. Primary reference is by electric drop tape.

**REMARKS.**--The record is complete and reliable except for Nov. 29, 1994-Frb. 6, 1995 when control and well were frozen. The stage-discharge relation was affected by ice on Nov. 27-28, 1994. Winter record, when both stilling well and control were frozen, was estimated on the basis of record prior to freeze and after freeze, a hydrograph, on measurement made during period of 'b' record and one measurement made during period of freeze. Chart values were used Oct. 19, 26-31; Nov. 1-13, 15-26, 1994; Apr. 7-9, 11; May 1-7, 23, 30-31; June 21-24; July 12-13, 1995. The satellite record is the primary record. Station maintained and records developed by Rodger L. Burcher.

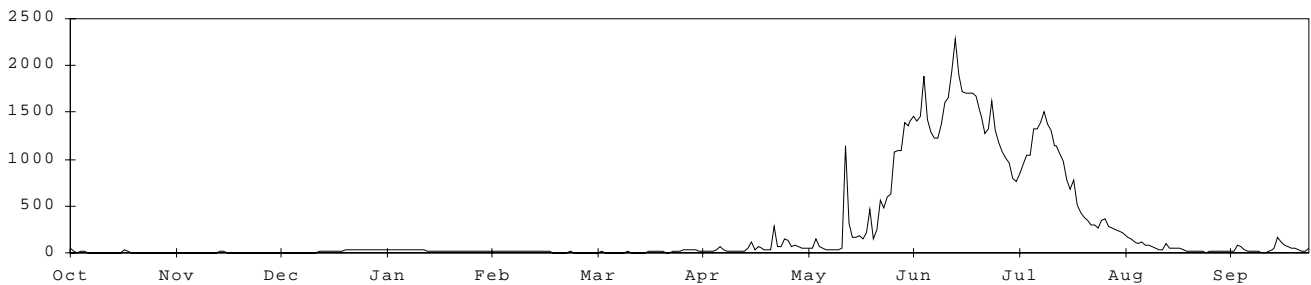
**RATING TABLE.**--CLEDERCO33 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	2.1	1.4	27	20	5.4	27	73	1100	1180	360	11
2	10	2.0	1.6	27	19	5.1	28	79	1100	1080	286	8.7
3	5.7	3.8	1.8	26	19	4.6	28	61	1390	1010	269	18
4	8.4	7.0	2.2	26	19	4.2	21	49	1350	964	253	14
5	13	4.5	2.5	26	18	3.8	19	49	1400	801	234	17
6	6.2	3.4	2.9	26	18	15	18	49	1450	762	209	17
7	3.3	1.7	3.3	26	21	6.1	17	49	1410	843	184	19
8	4.4	5.2	3.8	26	21	4.9	18	153	1450	940	167	19
9	4.8	4.2	4.5	25	21	5.2	28	71	1880	1050	157	89
10	4.5	1.7	5.0	25	21	7.0	74	51	1420	1040	119	67
11	4.8	1.4	6.0	25	19	6.8	31	27	1290	1320	101	31
12	4.8	1.5	6.8	25	17	5.7	17	32	1230	1330	116	20
13	4.3	1.4	8.8	25	15	8.0	15	36	1230	1390	89	15
14	5.4	23	9.2	24	14	15	8.5	31	1380	1510	76	12
15	6.3	8.8	10	24	12	8.1	8.5	41	1610	1370	60	15
16	5.1	4.5	12	24	12	4.8	8.9	54	1650	1310	46	8.2
17	41	2.0	14	24	10	4.9	17	1150	1930	1150	32	7.5
18	9.6	1.4	16	24	9.2	5.2	43	314	2280	1140	38	10
19	3.8	1.1	19	24	8.3	5.0	116	164	1900	1060	96	31
20	4.2	1.4	22	24	7.6	10	34	172	1730	981	44	51
21	4.8	1.4	25	23	7.1	19	71	175	1700	785	55	165
22	5.4	1.1	28	23	6.2	14	56	156	1710	680	56	111
23	5.0	1.2	28	23	3.5	11	31	213	1710	780	44	78
24	4.9	1.2	28	23	2.2	11	38	461	1680	507	29	60
25	4.6	1.5	28	22	8.5	2.4	38	153	1530	427	21	49
26	3.4	1.2	28	22	2.1	4.5	276	252	1460	387	17	45
27	2.7	1.1	28	22	2.1	9.3	73	566	1280	345	11	40
28	1.4	0.90	28	21	6.7	19	59	481	1320	299	9.1	23
29	2.4	0.90	27	21	---	16	144	601	1620	290	8.5	15
30	2.4	0.90	27	20	---	34	128	624	1310	266	9.0	44
31	1.7	---	27	20	---	30	---	1070	---	340	7.7	---
TOTAL	231.3	93.50	454.8	743	359.5	305.0	1490.9	7457	45500	27337	3203.3	1110.4
MEAN	7.46	3.12	14.7	24.0	12.8	9.84	49.7	241	1517	882	103	37.0
AC-FT	459	185	902	1470	713	605	2960	14790	90250	54220	6350	2200
MAX	43	23	28	27	21	34	276	1150	2280	1510	360	165
MIN	1.4	0.90	1.4	20	2.1	2.4	8.5	27	1100	266	7.7	7.5

CAL YR 1994 TOTAL 16421.90 MEAN 45.0 MAX 423 MIN 0.90 AC-FT 32570  
WTR YR 1995 TOTAL 88285.70 MEAN 242 MAX 2280 MIN 0.90 AC-FT 175100

MAX DISCH 2515 CFS AT 2400 15-JUL-1995 GH 4.52 FT. SHIFT 0.06 FT. MAX GH 4.55 FT. AT 0800 09-JUN-1995



PLATTE RIVER BASIN

06720500 SOUTH PLATTE RIVER AT HENDERSON, CO

**LOCATION** --Lat 39°55'19", long 104°52'00", in SE¼NE¼ sec. 34, T.1 S., R.67 W., Adams County, Hydrologic Unit 10190003, on right bank 500 ft upstream from bridge on State Highway 22 and 0.2 mi northwest of Henderson.

**DRAINAGE AREA** --4,713 mi<sup>2</sup>.

**GAGE** --Water-stage recorder with satellite telemetry, shaft encoder and Telemark in a 42-inch metal pipe shelter with electric drop tape and outside wire weight as additional reference.

**REMARKS** --The satellite record is the primary record. Record is complete and reliable except for Jan. 1-3, 1995 when satellite record was absent and the recorder clock was inaccurate. Estimates were made on the basis of existing chart records. Record is rated as good. Station maintained and records developed by Rodger L. Burcher.

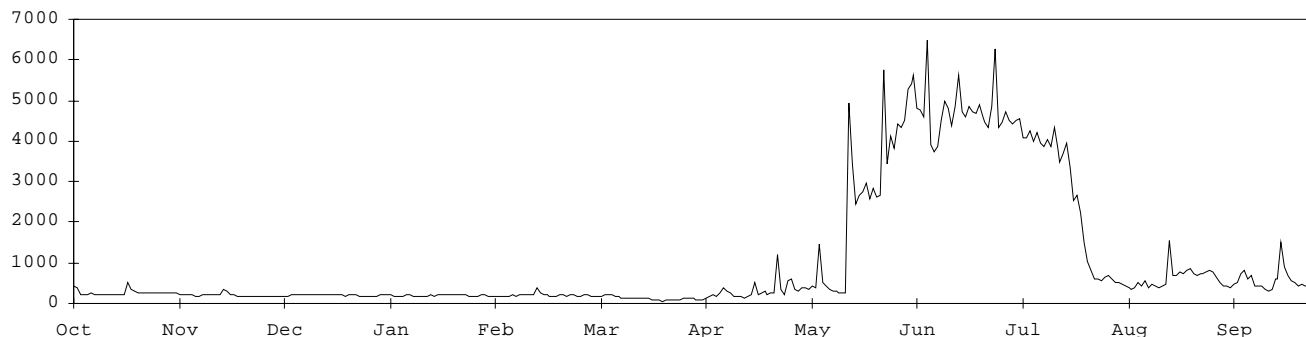
**RATING TABLE** --PLAHENCO27 USED FROM 01-OCT-1994 TO 17-MAY-1995  
 PLAHECO29 USED FROM 18-MAY-1995 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	409	227	171	202	183	197	108	333	4330	4460	708	774
2	405	200	180	197	187	184	95	320	4520	4720	600	625
3	227	220	191	192	186	191	96	393	5270	4500	534	500
4	206	220	202	188	188	187	103	392	5400	4440	500	450
5	236	197	209	179	187	182	132	337	5630	4530	456	419
6	239	186	208	191	188	225	190	433	4800	4560	412	390
7	217	192	205	198	196	208	206	394	4760	4060	371	459
8	209	211	223	199	192	197	183	1460	4610	4100	337	509
9	202	225	211	191	199	166	240	514	6500	4240	384	742
10	209	205	201	188	204	151	400	444	3920	3990	531	813
11	203	199	198	191	209	141	283	335	3750	4190	449	589
12	201	199	206	193	196	133	242	292	3850	3940	561	674
13	205	202	204	191	202	135	172	281	4520	3860	391	446
14	203	329	221	196	406	138	164	261	4970	4040	453	434
15	210	317	197	192	271	128	165	258	4800	3880	422	445
16	231	222	194	195	211	115	132	244	4390	4330	367	324
17	497	204	197	197	200	119	164	4920	4870	3840	412	314
18	350	188	196	194	190	124	225	3420	5640	3490	456	340
19	297	183	194	196	186	120	509	2440	4710	3690	1540	611
20	257	188	191	200	192	105	229	2670	4580	3940	670	588
21	256	187	202	204	199	78	255	2760	4840	3330	679	1520
22	259	179	194	195	195	71	291	2950	4740	2520	759	918
23	253	185	197	200	191	55	197	2560	4700	2670	724	666
24	260	187	192	204	194	65	267	2830	4880	2240	809	575
25	257	165	179	193	206	65	255	2610	4600	1510	863	521
26	254	172	171	180	192	91	1220	2650	4480	1040	735	446
27	264	173	192	184	191	92	361	5770	4340	806	689	458
28	248	176	189	182	194	83	230	3430	4860	605	735	422
29	249	174	192	205	---	108	556	4130	6280	582	736	433
30	252	174	199	199	---	133	603	3820	4340	578	793	1050
31	264	---	206	191	---	115	---	4430	---	639	836	---
TOTAL	8029	6086	6112	6007	5735	4102	8273	58081	143880	99320	18912	17455
MEAN	259	203	197	194	205	132	276	1874	4796	3204	610	582
AC-FT	15930	12070	12120	11910	11380	8140	16410	115200	285400	197000	37510	34620
MAX	497	329	223	205	406	225	1220	5770	6500	4720	1540	1520
MIN	201	165	171	179	183	55	95	244	3750	578	337	314

CAL YR 1994 TOTAL 104611 MEAN 287 MAX 1370 MIN 74 AC-FT 207500  
 WTR YR 1995 TOTAL 381992 MEAN 1047 MAX 6500 MIN 55 AC-FT 757700

MAX DISCH 11646 CFS AT 1545 17-MAY-1995 GH 9.91 FT. SHIFT -0.03 FT. MAX GH 9.91 FT. AT 1545 17-MAY-1995



PLATTE RIVER BASIN

06721000 SOUTH PLATTE RIVER AT FORT LUPTON, CO

LOCATION.--Lat 44°04'51", long 104°49'37", SE¼SW¼ sec 6, T.1 N., R.66 W., Weld County, on right bank on downstream side of State Highway 52 bridge.

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorder and manometer with satellite telemetry.

REMARKS.--The record is complete for this water year and rated as fair. The satellite record is the primary record. Chart values were used on May 7, 1995 when satellite system had missing data. Station maintained and records developed by Rodger L. Burcher.

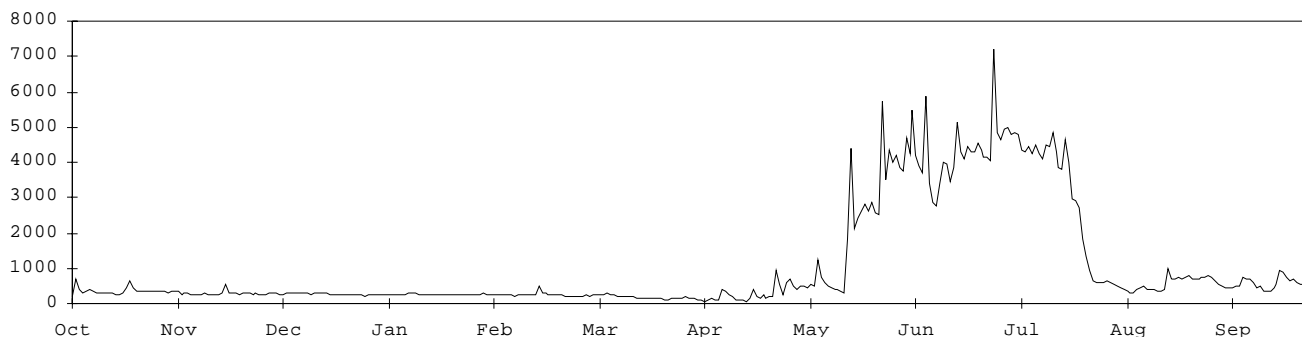
RATING TABLE.--PLALUPCO21 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	207	326	262	249	234	234	125	502	3870	4640	664	739
2	698	260	270	242	239	219	124	375	3770	4950	595	661
3	402	286	272	270	243	226	118	488	4710	4980	519	556
4	315	283	300	247	230	227	81	504	4240	4770	480	494
5	350	260	310	255	237	234	54	442	5490	4850	422	448
6	389	243	299	267	244	267	97	529	4210	4790	397	424
7	344	253	300	248	243	308	150	515	3920	4340	364	438
8	307	250	299	280	222	251	107	1210	3700	4290	320	470
9	307	293	304	276	233	243	115	757	5900	4450	319	506
10	311	271	271	272	240	193	378	603	3430	4270	411	761
11	298	246	276	256	227	192	366	475	2860	4470	420	677
12	281	241	287	263	223	187	267	429	2770	4270	473	682
13	272	253	275	261	240	195	181	381	3420	4080	392	602
14	271	319	297	241	249	190	105	371	3980	4470	390	452
15	263	525	282	249	515	178	122	342	3930	4450	399	498
16	307	316	267	256	306	151	84	283	3460	4860	369	364
17	453	289	254	262	286	141	67	1820	3840	4310	357	340
18	631	273	264	247	256	148	133	4410	5150	3830	375	341
19	451	267	261	242	253	159	408	2120	4290	3780	969	454
20	348	279	251	253	254	162	221	2430	4100	4620	671	545
21	353	296	264	236	270	143	161	2610	4450	4000	676	957
22	346	273	258	235	246	143	250	2810	4320	2950	722	889
23	351	270	254	250	219	139	136	2610	4300	2910	675	758
24	362	275	253	240	208	117	178	2860	4520	2720	737	659
25	353	262	250	236	211	107	186	2560	4370	1820	774	672
26	342	259	210	225	209	137	918	2530	4170	1330	709	588
27	354	267	250	237	220	167	558	5730	4130	930	678	563
28	332	280	254	227	219	134	235	3500	4040	659	715	529
29	317	272	252	261	---	143	571	4360	7200	573	726	483
30	329	277	268	279	---	183	699	4010	4830	574	750	795
31	345	---	267	257	---	165	---	4220	---	568	769	---
TOTAL	10989	8464	8381	7819	6976	5683	7195	56786	127370	108504	17237	17345
MEAN	354	282	270	252	249	183	240	1832	4246	3500	556	578
AC-FT	21800	16790	16620	15510	13840	11270	14270	112600	252600	215200	34190	34400
MAX	698	525	310	280	515	308	918	5730	7200	4980	969	957
MIN	207	241	210	225	208	107	54	283	2770	568	319	340

CAL YR 1994 TOTAL 113538 MEAN 311 MAX 1160 MIN 55 AC-FT 225200  
WTR YR 1995 TOTAL 382749 MEAN 1049 MAX 7200 MIN 54 AC-FT 759200

MAX DISCH 10748 CFS AT 2045 17-MAY-1995 GH 7.38 FT. SHIFT 0.60 FT. MAX GH 7.38 FT. AT 2045 17-MAY-1995



PLATTE RIVER BASIN

SOUTH ST. VRAIN NEAR CREEK WARD, CO

LOCATION.--Lat 40°05'27", long 105°30'50"

DRAINAGE AREA.--

GAGE.--Graphic water-stage recorder with satellite monitoring. DCP is primary record with chart as backup.

REMARKS.--Record is complete and reliable except for the following periods: Nov. 9, 1994 when thin ice layer in well and closed station; Nov. 10, 1994-May 18- 1995 when station was closed for winter; May 19, 1995 partial day record when station was opened for 1995 water year and May 20, 1995 when small ice block was in well. The stage-discharge relation was affected by ice on the control on Oct. 22-26; Nov. 5-8, 1994. Graphic chart record was used on Oct. 4, 10, 21; Jun. 1-4, 6-20, 27; Jul. 9-10; Aug. 20, 30; Sep. 22, 1995. The record is good, except for period of no gage-height record and ice affected day, which is fair. This is a partial year record. Station maintained and record developed by Fred Renner.

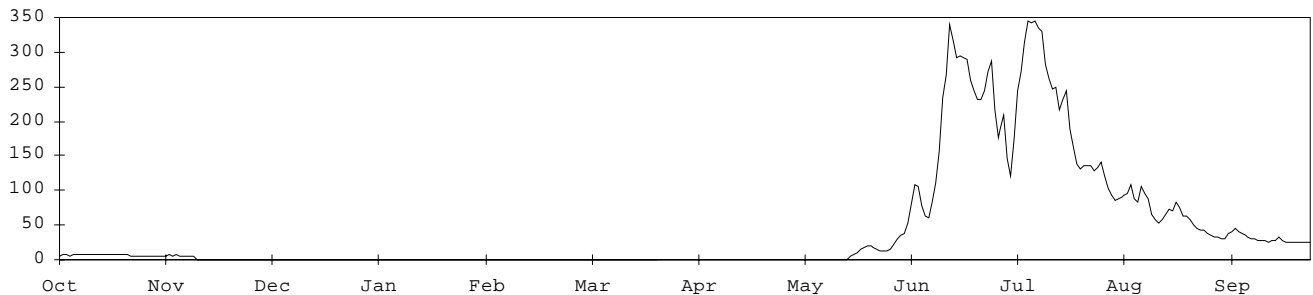
RATING TABLE.--SSVWARCO09 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.1	6.1	---	---	---	---	---	---	23	177	120	34
2	7.1	6.4	---	---	---	---	---	---	31	188	103	32
3	6.4	6.2	---	---	---	---	---	---	36	209	93	32
4	6.2	6.3	---	---	---	---	---	---	38	147	85	31
5	6.5	5.7	---	---	---	---	---	---	53	121	88	30
6	7.8	5.5	---	---	---	---	---	---	80	175	90	38
7	7.3	5.0	---	---	---	---	---	---	109	244	93	41
8	8.5	4.8	---	---	---	---	---	---	106	272	96	45
9	7.9	4.8	---	---	---	---	---	---	78	314	108	40
10	7.0	---	---	---	---	---	---	---	64	345	87	37
11	6.8	---	---	---	---	---	---	---	61	342	84	34
12	6.7	---	---	---	---	---	---	---	82	344	106	32
13	6.6	---	---	---	---	---	---	---	111	334	96	30
14	6.5	---	---	---	---	---	---	---	157	330	87	29
15	6.6	---	---	---	---	---	---	---	233	281	66	28
16	6.8	---	---	---	---	---	---	---	268	262	58	27
17	7.4	---	---	---	---	---	---	---	341	246	53	27
18	7.0	---	---	---	---	---	---	---	318	249	58	26
19	7.5	---	---	---	---	---	---	6.0	291	217	65	27
20	7.7	---	---	---	---	---	---	8.0	294	232	72	28
21	6.5	---	---	---	---	---	---	10	293	244	70	32
22	5.5	---	---	---	---	---	---	14	290	190	82	28
23	5.3	---	---	---	---	---	---	17	260	163	76	25
24	5.3	---	---	---	---	---	---	20	244	139	62	25
25	5.5	---	---	---	---	---	---	20	232	131	63	25
26	5.5	---	---	---	---	---	---	17	231	137	58	25
27	5.8	---	---	---	---	---	---	14	244	136	50	24
28	5.3	---	---	---	---	---	---	13	272	135	46	24
29	5.5	---	---	---	---	---	---	13	287	128	44	25
30	5.7	---	---	---	---	---	---	13	217	134	43	25
31	5.2	---	---	---	---	---	---	14	---	141	39	---
TOTAL	201.5								5344	6707	2341	906
MEAN	6.50								178	216	75.5	30.2
AC-FT	400								10600	13300	4640	1800
MAX	8.5								341	345	120	45
MIN	5.2								23	121	39	24

CAL YR 1994 TOTAL		MEAN		MAX		MIN		AC-FT	19380
WTR YR 1995 TOTAL	15499.5	MEAN	42.5	MAX	345	MIN	5.2	AC-FT	30740

MAX DISCH 449 CFS AT 0245 17-JUN-1995 GH 3.26 FT. SHIFT -0.05 FT. MAX GH 3.26 FT. AT 0245 17-JUN-1995



PLATTE RIVER BASIN

LEFTHAND DIVERSION AT SO. ST. VRAIN CREEK NEAR WARD, CO

LOCATION.--Lat 40°05'29", long 105°30'31"

DRAINAGE AREA.--

GAGE.--A-71 graphic water-stage recorder in a 42-inch corrugated shelter and concrete well. Chart is the primary record.

REMARKS.--Record is complete and reliable except for the following periods: Nov. 2, 1994 when station was closed by ditch rider. Nov. 3, 1994-Jun. 1, 1995 when station was not active; Jun. 2, 1995 partial record when station was activated. Record was affected by ice in the well and on the control Oct. 20, 24-26; Nov. 1, 1994. The record is good, except for period of no gage-height record and ice effect, which is fair. Station maintained and record developed by Fred Renner.

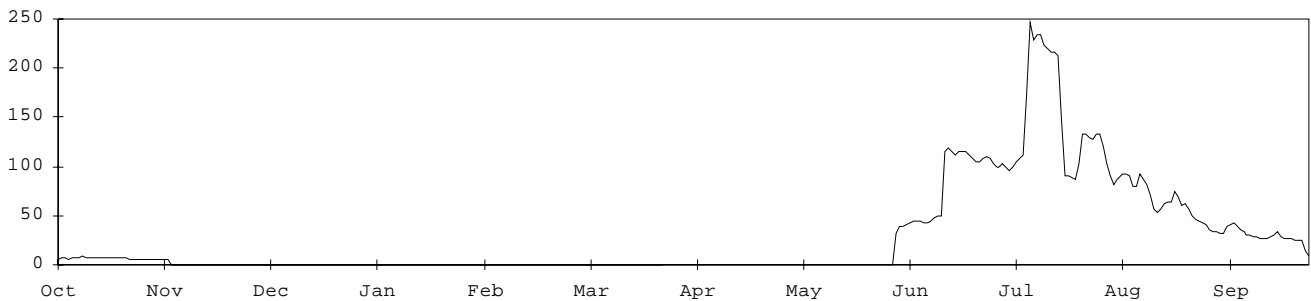
RATING TABLE.--LEFTHDCO01 USED FROM 01-OCT-1994 TO 1-JUN-1995  
 LEFTHDCO02 USED FROM 02-JUN-1995 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.1	6.0	---	---	---	---	---	---	---	100	121	35
2	6.8	6.0	---	---	---	---	---	---	32	100	102	33
3	6.5	---	---	---	---	---	---	---	39	102	90	33
4	6.1	---	---	---	---	---	---	---	39	100	82	32
5	6.5	---	---	---	---	---	---	---	41	95	86	32
6	7.5	---	---	---	---	---	---	---	43	100	90	39
7	7.5	---	---	---	---	---	---	---	44	105	92	40
8	8.5	---	---	---	---	---	---	---	44	108	92	43
9	7.8	---	---	---	---	---	---	---	44	112	90	39
10	7.5	---	---	---	---	---	---	---	43	173	79	36
11	7.5	---	---	---	---	---	---	---	43	247	79	34
12	7.1	---	---	---	---	---	---	---	45	229	92	31
13	6.8	---	---	---	---	---	---	---	48	234	86	30
14	6.8	---	---	---	---	---	---	---	49	234	82	29
15	7.1	---	---	---	---	---	---	---	50	224	71	28
16	6.8	---	---	---	---	---	---	---	115	220	56	27
17	7.1	---	---	---	---	---	---	---	118	216	53	26
18	7.1	---	---	---	---	---	---	---	115	216	56	26
19	7.1	---	---	---	---	---	---	---	112	212	62	28
20	6.8	---	---	---	---	---	---	---	115	148	63	30
21	6.5	---	---	---	---	---	---	---	115	90	63	34
22	6.1	---	---	---	---	---	---	---	115	90	75	29
23	5.8	---	---	---	---	---	---	---	112	88	69	26
24	5.6	---	---	---	---	---	---	---	108	86	60	26
25	5.6	---	---	---	---	---	---	---	105	102	62	26
26	5.6	---	---	---	---	---	---	---	105	133	57	25
27	5.1	---	---	---	---	---	---	---	108	133	49	25
28	4.7	---	---	---	---	---	---	---	110	130	46	25
29	4.7	---	---	---	---	---	---	---	108	127	45	15
30	4.9	---	---	---	---	---	---	---	102	133	43	8.9
31	5.5	---	---	---	---	---	---	---	---	133	40	---
TOTAL	201.1									4520	2233	890.9
MEAN	6.49									146	72.0	29.7
AC-FT	399									8970	4430	1770
MAX	8.5									247	121	43
MIN	4.7									86	40	8.9

CAL YR 1994 TOTAL MEAN MAX MIN AC-FT 19380  
 WTR YR 1995 TOTAL 7845.0 MEAN 21.5 MAX 247 MIN 4.7 AC-FT 15560

MAX DISCH 256 CFS AT 0130 11-JUL-1995 GH 2.47 FT. SHIFT 0.01 FT. MAX GH 2.47 FT. AT 0130 11-JUL-1995



PLATTE RIVER BASIN

BEAVER CREEK ABOVE BEAVER RESERVOIR

LOCATION.--Lat 40°07'00", long 105°31'18"

DRAINAGE AREA.--

GAGE.--Graphic water-stage recorder installed on May 21, 1992 for administration purposes.

REMARKS.--Record is complete and reliable except for the following periods: Partial record on Nov. 8, 1994 when station was closed; Nov. 9, 1994-Jun. 1, 1995 when station was closed for winter; Partial record on Jun 2, 1995 when station was opened. The stage-discharge relation was affected by ice on Oct. 31; Nov. 4-5, 1994. The record is good, except for periods of no gage-height record and ice affected days, which is fair. Station maintained and record developed by Fred Renner.

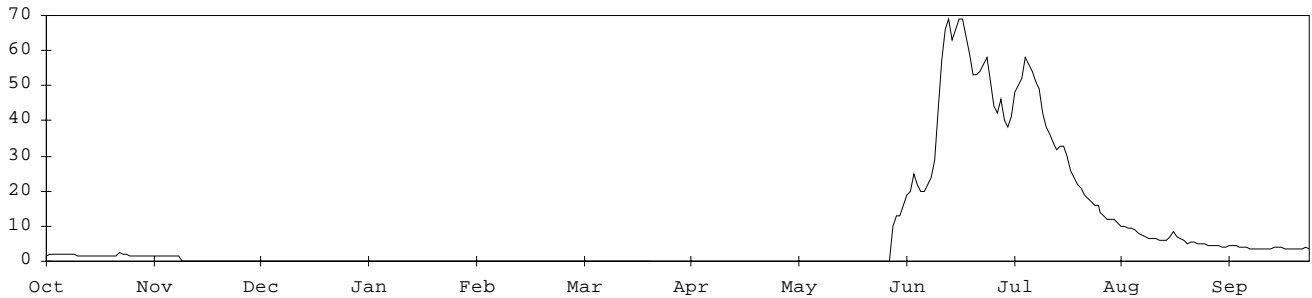
RATING TABLE.--BEAVERCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	1.5	---	---	---	---	---	---	---	44	14	4.7
2	1.8	1.6	---	---	---	---	---	---	10	42	13	4.5
3	1.8	1.6	---	---	---	---	---	---	13	46	12	4.5
4	1.8	1.6	---	---	---	---	---	---	13	40	12	4.3
5	1.8	1.6	---	---	---	---	---	---	16	38	12	4.2
6	1.9	1.6	---	---	---	---	---	---	19	41	11	4.2
7	1.8	1.6	---	---	---	---	---	---	20	48	10	4.3
8	1.9	1.6	---	---	---	---	---	---	25	50	10	4.5
9	1.8	---	---	---	---	---	---	---	22	52	9.6	4.3
10	1.7	---	---	---	---	---	---	---	20	58	9.3	4.1
11	1.7	---	---	---	---	---	---	---	20	56	9.0	3.9
12	1.6	---	---	---	---	---	---	---	22	54	8.1	3.8
13	1.6	---	---	---	---	---	---	---	24	51	7.3	3.6
14	1.6	---	---	---	---	---	---	---	29	49	7.0	3.5
15	1.6	---	---	---	---	---	---	---	43	42	6.6	3.5
16	1.6	---	---	---	---	---	---	---	57	38	6.4	3.4
17	1.7	---	---	---	---	---	---	---	66	36	6.4	3.4
18	1.5	---	---	---	---	---	---	---	69	34	6.2	3.4
19	1.6	---	---	---	---	---	---	---	63	32	6.0	3.5
20	1.6	---	---	---	---	---	---	---	66	33	6.2	4.1
21	1.7	---	---	---	---	---	---	---	69	33	6.8	4.1
22	2.3	---	---	---	---	---	---	---	69	30	8.3	3.8
23	1.9	---	---	---	---	---	---	---	64	26	6.8	3.6
24	1.9	---	---	---	---	---	---	---	59	24	6.4	3.6
25	1.7	---	---	---	---	---	---	---	53	22	6.2	3.5
26	1.7	---	---	---	---	---	---	---	53	21	4.8	3.6
27	1.7	---	---	---	---	---	---	---	54	19	5.3	3.6
28	1.5	---	---	---	---	---	---	---	56	18	5.5	3.7
29	1.6	---	---	---	---	---	---	---	58	17	5.2	3.8
30	1.6	---	---	---	---	---	---	---	51	16	5.0	3.5
31	1.6	---	---	---	---	---	---	---	---	16	4.8	---
TOTAL	53.3									1126	247.2	116.5
MEAN	1.72									36.3	7.97	3.88
AC-FT	106									2230	490	231
MAX	2.3									58	14	4.7
MIN	1.5									16	4.8	3.4

CAL YR 1994 TOTAL                      MEAN                      MAX                      MIN                      AC-FT                      19380  
WTR YR 1995 TOTAL                      1543.0                      MEAN                      4.23                      MAX                      58                      MIN                      1.5                      AC-FT                      3060

MAX DISCH      79 CFS AT 2200 17-JUN-1995 GH      3.13 FT.      SHIFT      0.02 FT.      MAX GH      3.13 FT. AT 2200 17-JUN-1995





PLATTE RIVER BASIN

06724000 ST. VRAIN CREEK AT LYONS, CO

**LOCATION.**--Lat 40°13'05", long 105°15'34", in NW¼NW¼ sec. 20, T.3 N., R.70 W., Boulder County, Hydrologic Unit 10190005, on left bank 75 ft southwest of U.S. Highway 36 (State Highways 7 and 66) at southeast edge of Lyons, 400 ft upstream from St. Vrain Supply Canal, and 0.4 mi downstream from confluence of North and South St. Vrain Creeks.

**DRAINAGE AREA.**--212 mi².

**GAGE.**--Water-stage recorder with satellite telemetry in timber shelter. The DCP is the primary record with chart recorder as backup.

**REMARKS.**--Record is complete and reliable except for the following days: Mar. 4, 1995 when clock stopped and DCP data was missing some values. Graphic chart record was used on Dec. 15; Jan. 1, 8, 20-25, 31; Feb. 1-9; Mar. 20, 27, 30; Apr. 1-4; May 7; Sep. 22, 1995. Record is good. Station maintained and records developed by Fred Renner.

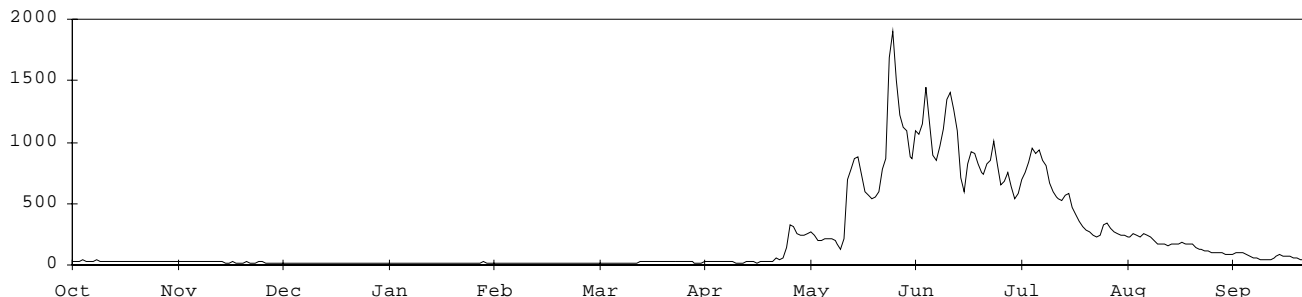
**RATING TABLE.**--SVCLYOCO20 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	23	20	15	18	16	24	317	1220	653	339	101
2	33	22	20	18	19	17	21	250	1120	674	294	97
3	35	23	21	18	18	17	19	245	1090	749	264	103
4	36	24	21	14	18	15	21	242	879	640	250	96
5	35	22	20	16	17	15	24	256	861	534	245	80
6	33	26	21	16	15	17	24	270	1090	581	242	79
7	34	24	20	16	18	17	24	238	1060	694	228	91
8	36	25	17	17	19	18	23	199	1150	752	232	100
9	34	22	13	18	18	19	26	199	1440	833	253	105
10	31	23	17	18	17	18	35	208	1170	948	243	96
11	30	24	21	18	17	20	32	209	889	909	234	83
12	28	25	21	18	18	21	28	210	858	940	258	74
13	27	24	20	18	19	21	24	202	969	846	246	63
14	29	24	19	18	18	20	15	164	1100	810	225	56
15	28	17	16	19	17	20	17	124	1350	673	196	48
16	29	19	17	19	17	19	20	216	1410	598	177	43
17	29	23	19	19	17	22	27	691	1260	550	164	40
18	26	19	19	16	18	23	28	776	1090	544	164	41
19	23	18	20	17	18	24	28	861	714	531	162	53
20	27	21	19	15	19	23	21	885	592	569	167	64
21	26	23	18	13	17	28	26	733	820	579	164	90
22	23	19	17	14	16	32	26	599	920	471	171	72
23	22	17	17	14	17	30	25	562	903	410	179	68
24	24	21	16	17	16	33	25	538	816	355	171	69
25	27	22	19	16	17	30	32	552	757	311	171	62
26	26	22	20	15	18	33	54	594	739	278	165	53
27	25	16	20	16	17	33	45	784	820	268	148	48
28	23	14	18	17	16	32	57	872	857	248	134	43
29	23	17	17	18	---	30	139	1690	1010	225	123	42
30	26	20	17	22	---	28	330	1900	824	235	113	52
31	25	---	17	18	---	30	---	1510	---	330	110	---
TOTAL	878	639	577	523	489	721	1240	17096	29778	17738	6232	2112
MEAN	28.3	21.3	18.6	16.9	17.5	23.3	41.3	551	993	572	201	70.4
AC-FT	1740	1270	1140	1040	970	1430	2460	33910	59060	35180	12360	4190
MAX	36	26	21	22	19	33	330	1900	1440	948	339	105
MIN	22	14	13	13	15	15	15	124	592	225	110	40

CAL YR 1994 TOTAL 33225 MEAN 91.0 MAX 590 MIN 13 AC-FT 65900  
WTR YR 1995 TOTAL 78023 MEAN 214 MAX 1900 MIN 13 AC-FT 154800

MAX DISCH 4205 CFS AT 1800 29-MAY-1995 GH 7.85 FT. SHIFT -0.16 FT. MAX GH 7.85 FT. AT 1800 29-MAY-1995



PLATTE RIVER BASIN

06725500 MIDDLE BOULDER CREEK AT NEDERLAND, CO

**LOCATION.**--Lat 39°57'42", long 105°30'14", in NE¼SE¼ sec. 13, T.1 S., R.73 W., Boulder County, Hydrologic Unit 10190005, on left bank at Nederland just downstream from North Beaver Creek and 1,000 ft upstream from Barker Reservoir.

**DRAINAGE AREA.**--36.2 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder in timber shelter and concrete well at a compound sharp-crested weir. Graphic chart is primary record.

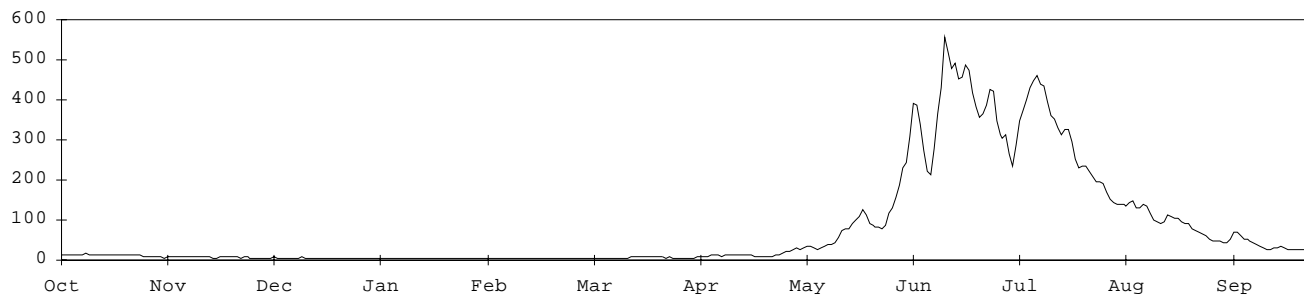
**REMARKS.**--Record is complete and reliable except for the following period: Mar. 13; Apr. 17-18; May 8-9, 1995 when clock stopped. Stage-discharge relation affected by ice Nov. 27-28; Dec. 12, 1994; Jan. 1-3, 8-9, 22-23; Feb. 27; Mar. 27, 1995. Record good except for periods of no gage-height record and ice affect which is fair. Station maintained by Public Service Co. of Co. and records developed by Fred Renner.

**RATING TABLE.**--BOCMIDCO07 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	9.5	6.5	3.2	4.5	4.3	6.5	20	158	315	171	50
2	13	9.8	6.7	3.4	4.5	4.1	6.3	25	185	305	151	47
3	12	8.5	6.5	3.5	4.3	4.2	6.5	29	230	315	143	46
4	12	7.5	6.5	3.7	4.3	4.1	7.9	27	242	266	139	44
5	12	8.2	6.3	3.5	4.1	4.1	8.3	30	307	234	141	43
6	14	8.9	6.3	3.7	4.3	4.1	9.1	33	391	286	139	52
7	14	8.3	6.1	4.5	4.3	4.3	10	34	388	350	136	69
8	16	8.1	5.5	4.5	4.3	4.3	13	31	338	375	142	69
9	15	7.7	5.7	4.5	4.3	4.3	13	27	274	398	147	62
10	14	8.7	7.9	4.7	3.7	4.5	11	29	222	431	130	54
11	14	8.5	5.9	4.9	4.5	5.5	9.8	33	215	446	132	53
12	14	8.3	5.1	4.7	5.5	5.3	11	37	279	460	139	46
13	13	7.5	4.9	4.7	4.5	4.9	12	40	364	439	134	42
14	12	5.3	4.9	4.7	4.7	5.3	14	42	431	434	118	40
15	12	5.3	4.9	4.9	4.9	6.1	12	56	556	396	102	36
16	12	7.9	4.5	4.8	4.5	6.9	11	74	516	362	95	30
17	12	6.7	4.3	4.7	3.9	7.3	12	80	480	351	92	28
18	11	6.9	4.5	4.5	3.5	7.5	13	77	493	331	97	28
19	14	6.9	4.6	4.3	3.4	7.1	11	93	452	312	111	31
20	14	6.9	4.5	4.1	3.9	7.3	11	102	456	328	110	31
21	12	7.1	4.5	3.9	4.3	7.5	10	110	488	325	104	34
22	12	6.1	4.5	3.7	4.7	8.5	10	127	474	295	104	30
23	11	6.7	4.7	3.2	4.9	7.9	10	114	419	252	95	28
24	11	6.8	4.9	3.0	4.7	7.3	10	93	384	229	90	28
25	10	6.5	5.1	3.0	4.7	6.7	9.5	85	355	233	93	26
26	10	6.1	5.1	3.2	4.7	6.3	9.8	82	365	234	79	26
27	10	5.5	5.3	3.4	4.5	6.7	11	82	385	222	74	26
28	9.8	5.1	5.5	3.5	4.5	6.1	14	78	425	209	69	26
29	9.7	4.9	5.3	3.7	---	5.9	18	89	420	194	65	28
30	9.8	5.9	5.3	4.1	---	6.1	20	118	349	194	61	29
31	6.3	---	5.5	4.3	---	6.2	---	132	---	192	54	---
TOTAL	373.6	216.1	167.8	124.5	122.9	180.7	330.7	2029	11041	9713	3457	1182
MEAN	12.1	7.20	5.41	4.02	4.39	5.83	11.0	65.5	368	313	112	39.4
AC-FT	741	429	333	247	244	358	656	4020	21900	19270	6860	2340
MAX	16	9.8	7.9	4.9	5.5	8.5	20	132	556	460	171	69
MIN	6.3	4.9	4.3	3.0	3.4	4.1	6.3	20	158	192	54	26
CAL YR 1994 TOTAL		16930.6	MEAN	46.4	MAX	308	MIN	4.2	AC-FT	33580		
WTR YR 1995 TOTAL		28938.3	MEAN	79.3	MAX	556	MIN	3.0	AC-FT	57400		

MAX DISCH 593 CFS AT 1815 15-JUN-1995 GH 3.56 FT. SHIFT 0.07 FT. MAX GH 3.56 FT. AT 1815 15-JUN-1995



PLATTE RIVER BASIN

06727000 BOULDER CREEK NEAR ORODELL, CO

**LOCATION.**--Lat 40°00'23", long 105°19'49", in NE¼SW¼ sec. 34, T.1 N., R.71 W., Boulder County, Hydrologic Unit 10190005, on left bank along State Highway 119, 0.7 mi southwest of old Orodell, 1.1 mi upstream from Fourmile Creek, and 2.9 mi southwest of courthouse in Boulder.

**DRAINAGE AREA.**--102 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry and shaft encoder in a 6'X6' concrete shelter. The DCP is the primary record with chart recorder as backup.

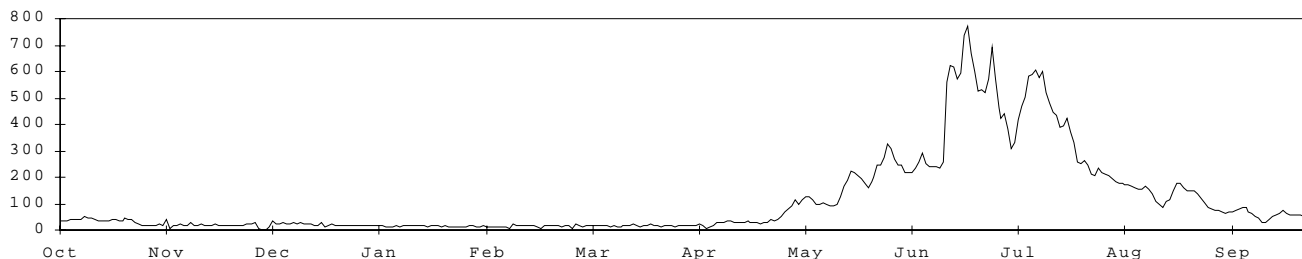
**REMARKS.**--Record is complete and reliable except for the following periods: July 24, 1995 when lower inlet was plugged and flow was below intake No. 2. The stage-discharge relation was affected by ice on Nov. 17, 20-28; Dec. 3, 5-7, 10-29, 31, 1994; Jan. 1-9, 12-25, 28-31; Feb. 3, 5-6, 8-21, 23-25; Mar. 1-9, 1995; Graphic chart record was used on Oct. 1-4, 13, 15, 18, 20, 1994; Apr. 28; May 7; June 21-27; July 6-10, 23-25; Aug. 4-6, 18-20, 30-31; Sep. 1, 4-11, 22, 1995. Record is good, except for periods of no gage-height record and ice affect, which is fair. Station maintained and records developed by Fred Renner.

**RATING TABLE.**--BOCOROCO13 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	42	9.4	17	15	16	18	80	269	461	213	81
2	33	6.2	35	15	13	10	19	90	244	421	208	75
3	33	20	22	17	14	16	18	114	245	441	192	72
4	41	15	23	10	14	15	20	100	220	383	183	69
5	42	21	28	14	14	16	22	116	216	306	180	64
6	38	17	22	14	9.2	16	18	128	217	330	180	69
7	41	18	25	16	12	16	6.2	124	232	416	170	71
8	50	26	26	14	13	16	13	112	257	468	170	76
9	45	18	25	16	3.9	15	19	100	290	503	168	78
10	47	19	26	15	23	11	27	98	250	582	160	83
11	41	25	21	15	18	20	29	101	239	590	154	83
12	34	19	21	15	18	14	27	99	241	606	155	70
13	34	18	21	16	17	12	32	93	239	580	163	63
14	36	18	16	15	17	17	37	90	233	601	156	54
15	37	21	16	15	18	18	29	95	258	521	135	43
16	38	16	26	14	17	19	28	126	560	480	110	29
17	38	17	14	15	14	21	28	166	624	444	96	29
18	36	15	15	15	7.6	15	28	188	618	435	87	41
19	37	15	21	15	18	13	32	221	574	389	108	53
20	44	15	20	11	17	17	30	220	596	394	116	56
21	41	16	17	15	16	16	28	206	735	421	150	65
22	39	17	16	9.6	17	21	27	192	770	370	176	72
23	28	19	15	13	16	20	25	175	671	330	175	61
24	25	21	20	13	13	17	26	161	599	257	159	57
25	20	23	15	13	18	13	29	185	526	253	148	55
26	20	22	16	12	17	17	38	202	534	264	146	59
27	19	29	18	14	4.2	17	33	246	518	243	146	56
28	18	3.1	15	15	23	17	40	248	571	213	137	49
29	18	2.4	16	15	---	13	53	274	689	207	121	47
30	23	2.0	16	13	---	20	69	328	573	236	102	41
31	19	---	16	14	---	19	---	310	---	215	87	---
TOTAL	1048	535.7	612.4	440.6	416.9	503	848.2	4988	12808	12360	4651	1821
MEAN	33.8	17.9	19.8	14.2	14.9	16.2	28.3	161	427	399	150	60.7
AC-FT	2080	1060	1210	874	827	998	1680	9890	25400	24520	9230	3610
MAX	50	42	35	17	23	21	69	328	770	606	213	83
MIN	18	2.0	9.4	9.6	3.9	10	6.2	80	216	207	87	29
CAL YR 1994 TOTAL		21880.9	MEAN	59.9	MAX	262	MIN	2.0	AC-FT	43400		
WTR YR 1995 TOTAL		41032.8	MEAN	112	MAX	770	MIN	2.0	AC-FT	81390		

MAX DISCH 830 CFS AT 0445 21-JUN-1995 GH 3.64 FT. SHIFT 0.11 FT. MAX GH 3.71 FT. AT 0200 29-JUN-1995



PLATTE RIVER BASIN

06729450 SOUTH BOULDER CREEK BELOW GROSS RESERVOIR NEAR COAL CREEK, CO

**LOCATION.**--Lat 39°56'19", long 105°20'55", SW¼ sec. 21, T.1 S., R.71 W., Boulder County. Diverts flow from South Boulder Creek and transmountain diversions from Moffat Tunnel.

**DRAINAGE AREA.**--N/A

**GAGE.**--Graphic water-stage recorder with satellite telemetry at 25' Parshall flume with supplemental outside staff. The DCP is the primary record with chart backup. Station is owned and maintained by Denver Water Board personnel.

**REMARKS.**--Record is complete and reliable. Record was affected by ice on the control Dec. 31, 1994; Jan. 1, 3-4, 21-22; Feb. 12, 15, 1995. Graphic chart record was used on Oct. 17-19, 1994; Feb. 19-22; May 7, 1995. Record is good. Records developed by Fred H. Renner.

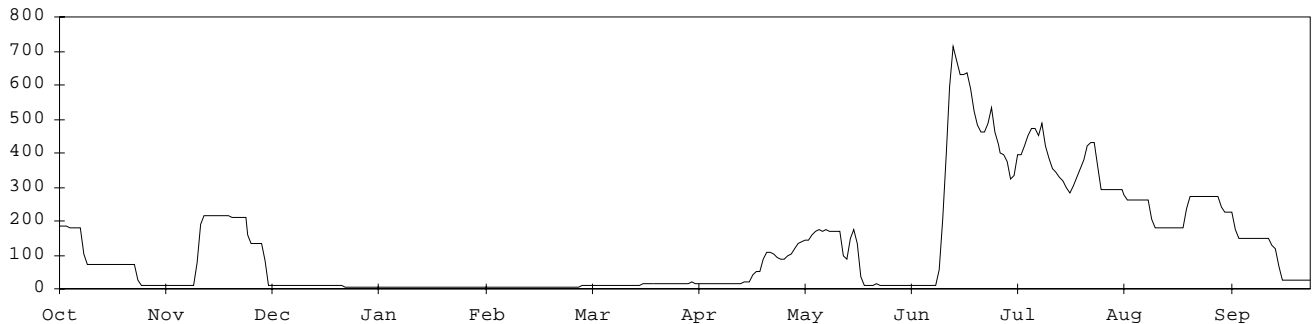
**RATING TABLE.**--BOCBGRCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	183	7.8	9.6	6.1	5.5	5.6	16	96	11	426	291	274
2	183	8.0	9.6	5.6	5.6	8.4	16	101	10	402	290	273
3	183	8.4	9.6	5.6	5.6	9.9	23	118	10	397	290	273
4	182	8.4	9.6	5.6	5.6	9.9	16	132	10	373	291	243
5	181	8.4	9.6	5.6	5.6	10	16	139	9.9	324	291	228
6	181	8.0	9.7	5.6	5.6	10	16	142	9.7	332	290	228
7	180	8.9	9.9	5.6	5.6	10	16	144	9.9	396	277	228
8	102	9.6	10	5.6	5.6	9.9	16	158	10	394	262	175
9	71	9.5	10	5.6	5.6	9.7	16	170	12	418	259	150
10	72	79	10	5.6	5.6	9.7	16	172	12	453	260	149
11	71	191	10	5.6	5.7	9.7	16	171	11	470	260	148
12	70	217	10	5.6	5.6	9.7	16	172	11	471	260	148
13	70	217	10	5.6	5.6	9.6	16	171	10	453	260	148
14	70	217	10	5.6	5.6	9.9	16	171	56	489	260	148
15	70	217	10	5.5	5.6	9.8	16	170	205	421	205	148
16	70	216	10	5.6	5.5	9.9	16	170	396	387	179	148
17	72	215	10	5.6	5.5	10	16	98	596	353	179	148
18	72	214	10	5.5	5.5	9.9	19	88	712	345	179	149
19	72	213	10	5.6	5.6	10	21	148	672	329	179	129
20	71	212	10	5.6	5.6	13	20	175	631	318	179	117
21	71	211	10	5.6	5.6	15	40	132	633	300	179	67
22	71	210	7.7	5.6	5.6	15	51	38	635	280	177	24
23	72	209	6.1	5.6	5.6	15	51	9.7	591	303	177	24
24	25	209	6.1	5.6	5.5	16	89	10	524	329	177	24
25	7.8	159	6.1	5.6	5.6	16	106	12	480	355	238	24
26	7.8	133	6.1	5.6	5.6	16	109	12	464	378	271	24
27	7.8	133	6.1	5.6	5.6	16	103	13	460	421	271	24
28	8.2	133	6.1	5.6	5.6	16	91	12	489	433	270	24
29	8.4	134	6.1	5.6	---	16	86	12	532	429	272	24
30	8.8	82	6.1	5.6	---	16	86	12	460	360	274	24
31	8.4	---	6.1	5.6	---	16	---	11	---	291	274	---
TOTAL	2522.2	3898.0	270.2	173.9	156.4	367.6	1151	3179.7	8672.5	11830	7521	3935
MEAN	81.4	130	8.72	5.61	5.59	11.9	38.4	103	289	382	243	131
AC-FT	5000	7730	536	345	310	729	2280	6310	17200	23460	14920	7810
MAX	183	217	10	6.1	5.7	16	109	175	712	489	291	274
MIN	7.8	7.8	6.1	5.5	5.5	5.6	16	9.7	9.7	280	177	24

CAL YR 1994 TOTAL 48622.7 MEAN 133 MAX 581 MIN 3.6 AC-FT 96440  
WTR YR 1995 TOTAL 43677.5 MEAN 120 MAX 712 MIN 5.5 AC-FT 86630

MAX DISCH 775 CFS AT 0600 18-JUN-1995 GH 3.74 FT. SHIFT -0.02 FT. MAX GH 3.74 FT. AT 0600 18-JUN-1995



PLATTE RIVER BASIN

SOUTH BOULDER CREEK DIVERSION NEAR ELDORADO SPRINGS, CO

**LOCATION.**--Lat 39°56'00", long 105°18'10", SW¼ sec. 26, T.1 S., R.71 W., Boulder County. Diverts Denver Water Board rights released from Gross Reservoir to South Boulder Creek.

**DRAINAGE AREA.**--N/A

**GAGE.**--Graphic water-stage recorder at 12' Parshall flume in a timber shelter and concrete well with supplemental outside staff gage. Station is owned and maintained by Denver Water Board personnel.

**REMARKS.**--Record is complete and reliable except for the following period: Oct. 21-24, 1994 when chart was missing; This is a controlled structure and canal was off Oct. 25-29; Dec. 1, 1994-Apr. 23, 1995; May 18; May 23-Jun. 19; Sep. 22-30, 1995. Graphic chart record was used all year except when flume was off. The record is good. Data supplied for period of no gage-height record (Oct. 21-24, 1994) from Denver Water Board daily sheets. Records developed by Fred H. Renner.

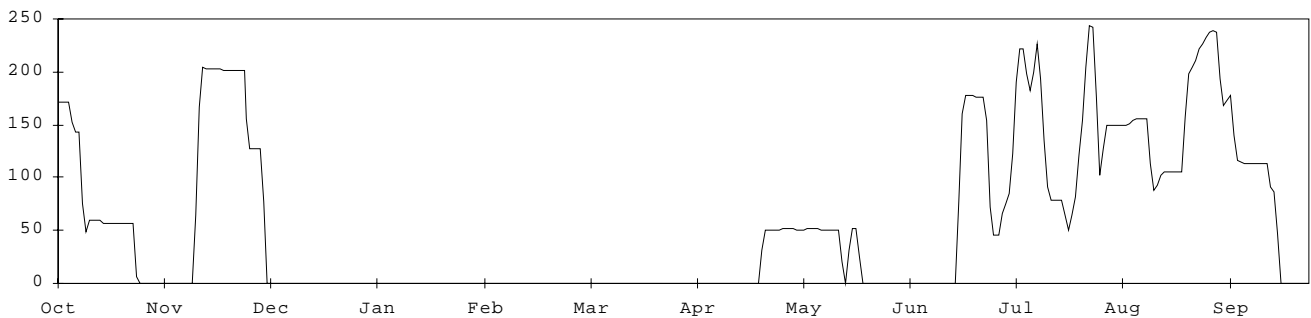
**RATING TABLE.**--BOSDELCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	172	0.0	0.0	0.0	0.0	0.0	0.0	52	0.0	46	128	237
2	172	0.0	0.0	0.0	0.0	0.0	0.0	52	0.0	46	149	239
3	172	0.0	0.0	0.0	0.0	0.0	0.0	52	0.0	66	149	237
4	172	0.0	0.0	0.0	0.0	0.0	0.0	51	0.0	76	149	194
5	153	0.0	0.0	0.0	0.0	0.0	0.0	51	0.0	85	149	169
6	143	0.0	0.0	0.0	0.0	0.0	0.0	51	0.0	122	149	173
7	143	0.0	0.0	0.0	0.0	0.0	0.0	52	0.0	191	149	178
8	76	0.0	0.0	0.0	0.0	0.0	0.0	52	0.0	222	149	140
9	49	0.0	0.0	0.0	0.0	0.0	0.0	52	0.0	222	151	116
10	60	64	0.0	0.0	0.0	0.0	0.0	52	0.0	198	154	114
11	60	166	0.0	0.0	0.0	0.0	0.0	51	0.0	182	155	113
12	60	204	0.0	0.0	0.0	0.0	0.0	51	0.0	199	155	113
13	59	203	0.0	0.0	0.0	0.0	0.0	51	0.0	226	155	113
14	57	203	0.0	0.0	0.0	0.0	0.0	51	0.0	193	155	113
15	57	203	0.0	0.0	0.0	0.0	0.0	51	0.0	135	113	113
16	57	203	0.0	0.0	0.0	0.0	0.0	51	0.0	91	88	113
17	57	203	0.0	0.0	0.0	0.0	0.0	20	0.0	79	93	113
18	57	202	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79	102	113
19	57	202	0.0	0.0	0.0	0.0	0.0	31	0.0	78	105	91
20	57	202	0.0	0.0	0.0	0.0	0.0	52	77	78	105	86
21	57	202	0.0	0.0	0.0	0.0	0.0	52	161	65	105	47
22	57	202	0.0	0.0	0.0	0.0	0.0	25	178	51	105	0.0
23	57	202	0.0	0.0	0.0	0.0	0.0	0.0	178	65	105	0.0
24	7.0	202	0.0	0.0	0.0	0.0	31	0.0	177	81	105	0.0
25	0.0	155	0.0	0.0	0.0	0.0	51	0.0	176	121	157	0.0
26	0.0	127	0.0	0.0	0.0	0.0	51	0.0	176	154	198	0.0
27	0.0	128	0.0	0.0	0.0	0.0	51	0.0	176	204	204	0.0
28	0.0	128	0.0	0.0	0.0	0.0	51	0.0	154	243	210	0.0
29	0.0	128	0.0	0.0	---	0.0	51	0.0	72	242	221	0.0
30	0.0	77	0.0	0.0	---	0.0	52	0.0	46	176	226	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	102	233	---
TOTAL	2068.0	3606	0.0	0.0	0.0	0.0	338	1003	1571	4118	4571	2925
MEAN	66.7	120	0.0	0.0	0.0	0.0	11.3	32.4	52.4	133	147	97.5
AC-FT	4100	7150	0.0	0.0	0.0	0.0	670	1990	3120	8170	9070	5800
MAX	172	204	0.0	0.0	0.0	0.0	52	52	178	243	233	239
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46	88	0.0

CAL YR 1994 TOTAL 30563.0 MEAN 83.7 MAX 352 MIN 0.00 AC-FT 60620  
WTR YR 1995 TOTAL 20200.0 MEAN 55.3 MAX 243 MIN 0.00 AC-FT 40070

MAX DISCH 246 CFS AT 1230 27-JUL-1995 GH 2.82 FT. SHIFT 0.00 FT. MAX GH 2.82 FT. AT 1230 27-JUL-1995



PLATTE RIVER BASIN

06729500 SOUTH BOULDER CREEK NEAR ELDORADO SPRINGS, CO

**LOCATION.**--Lat 39°55'52", long 105°17'43", in SE¼ sec. 26, T.1 S., R.71 W., Boulder County, Hydrologic Unit 10190005, on left bank 0.2 mi downstream from South Draw, 1.0 mi west of Eldorado Springs, 1.8 mi downstream from South Boulder diversion canal, 5.0 mi south of Boulder, and 6.7 mi downstream from Gross Reservoir.

**DRAINAGE AREA.**--109 mi².

**GAGE.**--Water-stage recorder with satellite telemetry and shaft encoder in metal box shelter with supplemental outside chain gage.

**REMARKS.**--Record is complete and reliable except for the following periods: Dec. 9-12, 1994 when float was frozen. Dec. 13, 1994-Feb. 21, 1995 when station was closed; Feb. 22, 1995 partial record when station was opened. Mar. 1-3, 1995 when well was frozen. Record was affected by ice Nov. 27-29; Dec. 1-2, 7-8, 1994; Feb. 28; Mar. 4, 6-8, 30-31, 1995. Graphic chart record was used on Feb. 28; Mar. 4-10; Apr. 25-30; May 1, 7, 21-22; June 14-17; July 7-10, 12-13; Aug. 27-28, 1995. Record is good, except for periods of no gage-height record and ice affect, which is fair. Station maintained and records developed by Fred Renner.

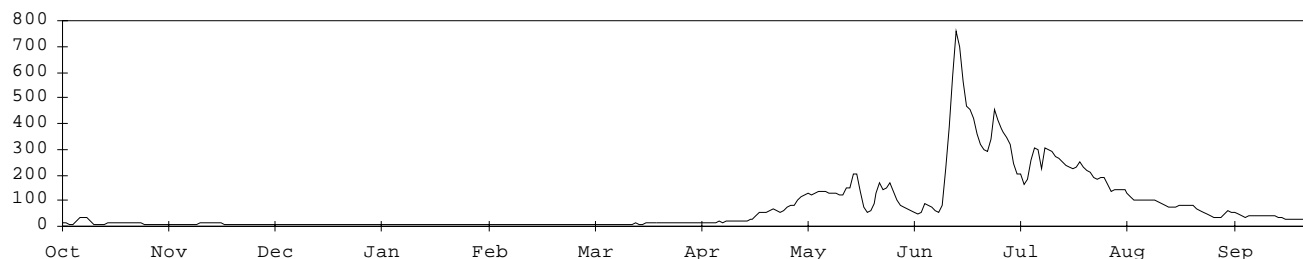
**RATING TABLE.**--BOCELSCO21 USED FROM 01-OCT-1994 TO 22-FEB-1995  
BOCELSCO22 USED FROM 23-FEB-1995 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	7.2	9.4	6.0	5.5	5.0	16	80	102	383	162	35
2	11	7.1	9.4	5.5	5.5	8.0	16	81	83	369	138	35
3	10	7.5	9.4	5.5	5.5	9.5	16	99	76	347	140	36
4	9.5	7.4	9.4	5.5	5.5	9.5	16	112	65	317	142	47
5	23	7.1	9.4	5.5	5.5	9.5	16	120	59	247	141	60
6	35	7.1	9.4	5.5	5.5	10	16	126	54	203	142	56
7	35	7.9	9.4	5.5	5.5	10	16	120	49	201	132	54
8	34	10	9.4	5.5	5.5	10	16	128	51	160	113	46
9	21	9.9	9.5	5.5	5.5	9.5	16	136	86	181	103	38
10	10	13	9.5	5.5	5.5	10	17	136	84	261	102	37
11	9.5	14	9.5	5.5	5.5	9.9	16	134	72	303	102	38
12	8.8	13	9.5	5.5	5.5	9.9	17	130	60	301	101	39
13	10	13	9.5	5.5	5.5	9.5	17	127	51	225	102	39
14	12	12	9.5	5.5	5.5	9.5	17	126	84	302	103	39
15	14	12	9.5	5.5	5.5	9.9	17	124	225	295	99	38
16	14	11	9.5	5.5	5.5	10	18	123	385	293	95	38
17	14	10	9.5	5.5	5.5	11	20	148	582	273	91	38
18	13	9.5	9.5	5.5	5.5	10	22	150	760	266	82	39
19	14	8.6	9.5	5.5	5.5	10	27	203	696	250	77	40
20	14	7.8	9.5	5.5	5.5	12	26	206	565	238	75	36
21	14	8.2	9.5	5.5	5.5	15	41	136	465	230	77	32
22	13	8.5	9.0	5.5	5.5	15	54	75	452	226	78	27
23	12	7.7	8.0	5.5	5.3	15	54	56	417	232	79	27
24	11	6.7	7.0	5.5	5.2	16	56	59	359	252	82	27
25	7.6	5.9	6.0	5.5	4.9	16	63	91	321	229	80	26
26	7.4	6.0	6.0	5.5	4.9	16	69	128	298	216	79	26
27	7.1	6.0	6.0	5.5	4.8	16	62	172	289	210	69	25
28	7.0	6.0	6.0	5.5	4.8	16	57	145	336	188	63	25
29	7.2	6.0	6.0	5.5	---	16	62	152	454	185	54	25
30	7.6	9.3	6.0	5.5	---	16	73	170	413	187	47	26
31	7.4	---	6.0	5.5	---	16	---	133	---	189	41	---
TOTAL	425.1	265.4	264.7	171.0	150.9	365.7	949	3926	7993	7759	2991	1094
MEAN	13.7	8.85	8.54	5.52	5.39	11.8	31.6	127	266	250	96.5	36.5
AC-FT	843	526	525	339	299	725	1880	7790	15850	15390	5930	2170
MAX	35	14	9.5	6.0	5.5	16	73	206	760	383	162	60
MIN	7.0	5.9	6.0	5.5	4.8	5.0	16	56	49	160	41	25

CAL YR 1994 TOTAL 18393.9 MEAN 50.4 MAX 329 MIN 4.0 AC-FT 36480  
WTR YR 1995 TOTAL 26354.8 MEAN 72.2 MAX 760 MIN 4.8 AC-FT 52270

MAX DISCH 845 CFS AT 0700 18-JUN-1995 GH 3.87 FT. SHIFT -0.05 FT. MAX GH 3.87 FT. AT 0700 18-JUN-1995



PLATTE RIVER BASIN

06730300 COAL CREEK NEAR PLAINVIEW, CO

LOCATION.--Lat 39°52'41", long 105°16'38"

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorder in a 42-inch diameter corrugated metal shelter. There is a supplemental outside staff gage.

REMARKS.--Record is complete and reliable except for the following periods: Nov. 10, 1994 partial day record when station was closed for season; Nov. 11, 1994-Mar. 26, 1995 when station was closed for the winter; Mar. 23, 1995 partial day when station was opened; Mar. 27, 1995 partial day when station was opened. Record is good, except for period of no gage-height record, which is fair. Coal Creek is a partial year record being closed in the winter. Station maintained and records developed by Fred Renner.

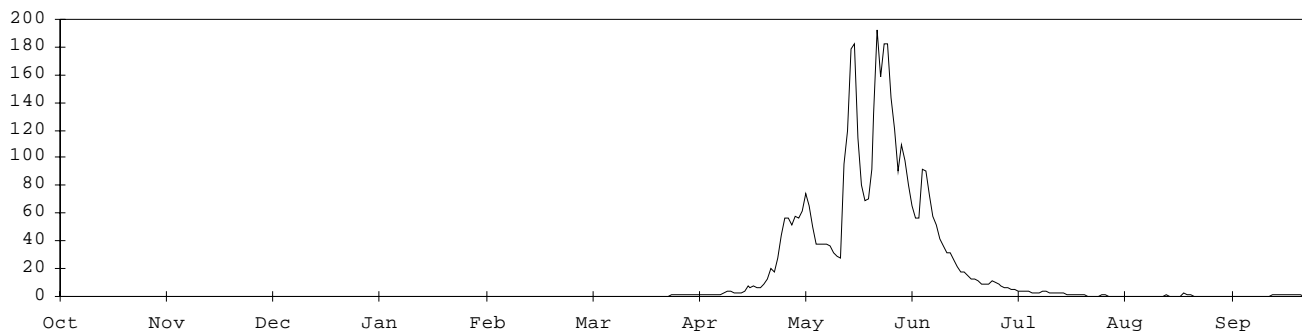
RATING TABLE.--COCREPC008 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.03	0.31	---	---	---	---	0.94	56	121	8.9	0.80	0.03
2	0.05	0.35	---	---	---	---	1.2	51	91	7.5	0.50	0.02
3	0.05	0.31	---	---	---	---	1.2	58	110	6.8	0.40	0.01
4	0.05	0.27	---	---	---	---	1.3	57	98	6.0	0.45	0.01
5	0.03	0.27	---	---	---	---	1.3	62	80	5.2	0.50	0.01
6	0.01	0.31	---	---	---	---	1.3	74	66	4.5	0.31	0.01
7	0.01	0.35	---	---	---	---	1.2	66	56	4.2	0.27	0.03
8	0.01	0.31	---	---	---	---	1.2	50	57	3.8	0.19	0.10
9	0.01	0.35	---	---	---	---	1.3	38	92	3.6	0.14	0.10
10	0.01	0.35	---	---	---	---	1.1	38	91	3.3	0.13	0.27
11	0.02	---	---	---	---	---	1.3	38	73	3.0	0.10	0.16
12	0.02	---	---	---	---	---	1.9	38	58	2.5	0.13	0.10
13	0.02	---	---	---	---	---	3.2	36	52	2.4	0.05	0.03
14	0.02	---	---	---	---	---	3.2	32	42	3.2	0.16	0.02
15	0.02	---	---	---	---	---	2.5	29	37	3.2	0.35	0.01
16	0.01	---	---	---	---	---	1.9	28	32	2.7	0.10	0.01
17	0.01	---	---	---	---	---	2.0	96	31	2.5	0.05	0.00
18	0.01	---	---	---	---	---	3.2	119	26	2.3	0.05	0.01
19	0.02	---	---	---	---	---	7.1	179	22	2.7	0.72	1.1
20	0.03	---	---	---	---	---	6.1	182	18	2.8	0.31	0.66
21	0.05	---	---	---	---	---	7.1	115	17	1.8	0.20	1.3
22	0.07	---	---	---	---	---	6.1	80	15	1.5	0.13	1.2
23	0.13	---	---	---	---	---	6.6	69	13	1.3	0.13	1.4
24	0.23	---	---	---	---	---	9.1	71	12	1.2	2.6	1.2
25	0.23	---	---	---	---	---	13	92	11	0.94	1.8	1.0
26	0.19	---	---	---	---	---	20	132	9.0	0.73	0.67	0.78
27	0.23	---	---	---	---	0.61	18	193	8.3	0.50	0.35	0.67
28	0.27	---	---	---	---	0.73	28	158	9.3	0.45	0.19	0.61
29	0.27	---	---	---	---	0.80	44	182	11	0.40	0.13	0.61
30	0.31	---	---	---	---	0.87	57	182	9.6	0.40	0.07	0.61
31	0.31	---	---	---	---	0.87	---	144	---	0.80	0.03	---
TOTAL	2.73						253.34	2745	1368.2	91.12	12.00	12.06
MEAN	0.09						8.44	88.5	45.6	2.94	0.39	0.40
AC-FT	5.4						502	5440	2710	181	24	24
MAX	0.31						57	193	121	8.9	2.6	1.4
MIN	0.01						0.94	28	8.3	0.40	0.03	0.00

CAL YR 1994 TOTAL MEAN MAX MIN AC-FT 60620  
WTR YR 1995 TOTAL 4484.45 MEAN 12.3 MAX 193 MIN 0.00 AC-FT 8890

MAX DISCH 221 CFS AT 0400 27-MAY-1995 GH 2.09 FT. SHIFT -0.02 FT. MAX GH 2.09 FT. AT 0400 27-MAY-1995



PLATTE RIVER BASIN

06731000 ST. VRAIN CREEK AT MOUTH, NEAR PLATTEVILLE, CO

**LOCATION.**--Lat 40°15'29", long 104°52'45", in SE¼NW¼ sec. 3, T,3 N., R.67 W., Weld County, Hydrologic Unit 10190005, on right bank 140 ft downstream from bridge on county road, 1.3 mi upstream from mouth, and 4.2 mi northwest of Platteville.

**DRAINAGE AREA.**--976 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in a 42-inch metal pipe shelter and well. Supplemental outside chain gage.

**REMARKS.**--Record is complete and reliable. Discharge was affected by ice Jan. 3-10; Feb. 13-17, 1995. DCP was the primary source of record. The DCP record was good for the entire period based on the checks made each time the station was visited. Station maintained and records developed by Merlin Friedrichsen. Record is good.

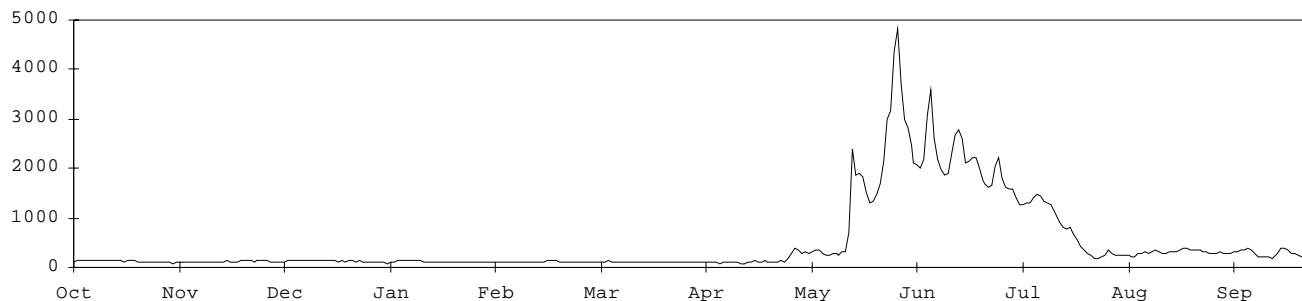
**RATING TABLE.**--SVCPLACO23 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	122	91	114	83	107	114	95	372	3680	1810	335	289
2	136	96	117	106	108	113	95	340	2990	1630	292	298
3	135	99	131	122	106	109	96	289	2810	1600	258	309
4	139	111	129	124	104	109	100	316	2450	1570	255	297
5	141	108	126	125	100	107	97	288	2100	1400	254	292
6	139	107	126	126	105	117	92	309	2060	1260	246	293
7	145	102	128	126	104	126	92	360	2010	1280	232	309
8	135	102	127	128	102	118	89	362	2200	1320	218	331
9	130	114	124	131	104	119	83	297	3070	1300	209	350
10	134	111	130	131	102	114	99	255	3590	1400	292	369
11	138	112	127	129	108	110	116	252	2600	1470	299	377
12	131	109	126	120	96	108	108	265	2200	1430	309	358
13	127	108	128	117	110	108	101	272	1970	1350	293	272
14	126	123	129	116	116	106	94	250	1850	1290	313	227
15	130	129	124	112	118	104	87	301	1910	1270	344	219
16	122	122	129	112	120	103	83	312	2280	1120	326	210
17	128	114	129	112	124	103	92	720	2680	998	294	202
18	141	112	122	108	133	102	113	2390	2790	902	298	189
19	124	125	128	106	128	101	127	1880	2590	809	318	239
20	113	128	122	112	126	98	119	1910	2100	768	319	283
21	112	131	126	107	119	100	117	1830	2140	795	310	400
22	114	128	126	105	114	96	124	1530	2210	667	351	376
23	105	122	123	105	111	94	105	1300	2220	557	375	342
24	100	126	127	109	109	93	97	1340	2020	435	370	294
25	96	126	121	103	104	91	93	1480	1770	342	366	274
26	94	127	115	104	108	92	122	1680	1680	288	338	246
27	93	125	116	103	110	90	145	2160	1610	242	361	223
28	91	122	119	104	102	93	117	2980	1660	187	340	213
29	89	118	115	110	---	93	159	3170	2040	171	329	202
30	88	114	119	107	---	99	294	4350	2210	203	312	205
31	90	---	116	112	---	101	---	4820	---	258	294	---
TOTAL	3708	3462	3839	3515	3098	3231	3351	38380	69490	30122	9450	8488
MEAN	120	115	124	113	111	104	112	1238	2316	972	305	283
AC-FT	7350	6870	7610	6970	6140	6410	6650	76130	137800	59750	18740	16840
MAX	145	131	131	131	133	126	294	4820	3680	1810	375	400
MIN	88	91	114	83	96	90	83	250	1610	171	209	189

CAL YR 1994 TOTAL 66917 MEAN 183 MAX 772 MIN 88 AC-FT 132700  
WTR YR 1995 TOTAL 180134 MEAN 494 MAX 4820 MIN 83 AC-FT 357300

MAX DISCH 5188 CFS AT 2200 30-MAY-1995 GH 8.41 FT. SHIFT -0.11 FT. MAX GH 8.41 FT. AT 2200 30-MAY-1995





PLATTE RIVER BASIN  
WIND RIVER NEAR ESTES PARK, CO

LOCATION.--N/A

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorder in a wooden shelter with a concrete well and a 4' Parshall flume. The electric drop tape is the primary reference. The graphic chart is the primary record. The Parshall flume and the well were replaced in August of 1995 due to extreme settling over the years.

REMARKS.--Record is complete and reliable except for the following periods: Nov. 16-30; Dec. 1-31, 1994; Jan. 1-May 8, 1995 when the station was closed for the winter. Record was affected by ice in the well or on the control Nov. 14-15, 1994. Record was affected by work being done on the station by the U.S.B.R. on Jun. 30; Jul. 1; Aug. 8-21, 1995. Record was affected by the clock being off on Sep. 29-30, 1995. Record is good, except for periods of no gage-height record and ice affect which is poor. Station maintained and records developed by Merlin Friedrichsen.

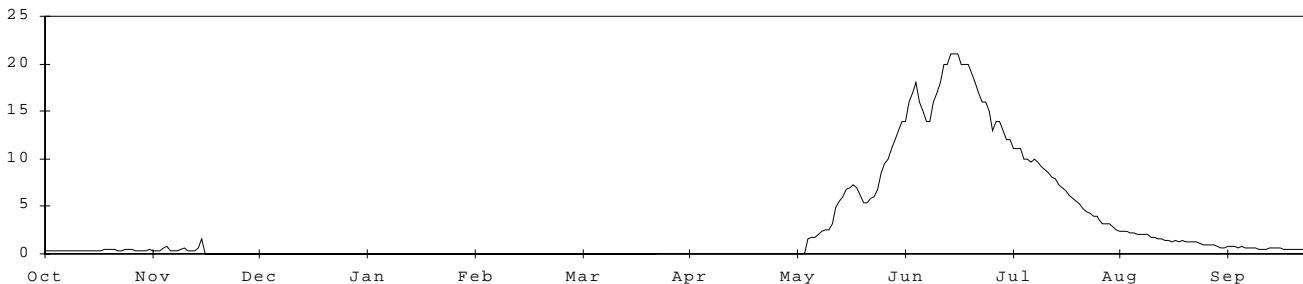
RATING TABLE.--WINDESCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.24	0.36	---	---	---	---	---	---	10	13	3.6	0.98
2	0.24	0.36	---	---	---	---	---	---	11	14	3.2	0.89
3	0.30	0.36	---	---	---	---	---	---	12	14	3.1	0.89
4	0.30	0.56	---	---	---	---	---	---	13	13	3.2	0.80
5	0.36	0.80	---	---	---	---	---	---	14	12	2.9	0.71
6	0.36	0.36	---	---	---	---	---	---	14	12	2.6	0.64
7	0.36	0.36	---	---	---	---	---	---	16	11	2.4	0.72
8	0.30	0.36	---	---	---	---	---	---	17	11	2.3	0.72
9	0.30	0.42	---	---	---	---	---	1.6	18	11	2.3	0.72
10	0.30	0.56	---	---	---	---	---	1.7	16	10	2.2	0.64
11	0.30	0.36	---	---	---	---	---	1.8	15	10	2.2	0.72
12	0.30	0.36	---	---	---	---	---	2.1	14	9.7	2.1	0.64
13	0.30	0.36	---	---	---	---	---	2.3	14	10	2.1	0.64
14	0.36	0.56	---	---	---	---	---	2.5	16	9.7	2.0	0.64
15	0.36	1.6	---	---	---	---	---	2.6	17	9.1	2.0	0.56
16	0.36	---	---	---	---	---	---	3.2	18	8.9	1.8	0.49
17	0.36	---	---	---	---	---	---	4.9	20	8.5	1.8	0.49
18	0.42	---	---	---	---	---	---	5.6	20	8.1	1.6	0.49
19	0.42	---	---	---	---	---	---	6.0	21	7.9	1.6	0.56
20	0.42	---	---	---	---	---	---	6.8	21	7.3	1.4	0.56
21	0.42	---	---	---	---	---	---	7.0	21	7.0	1.4	0.56
22	0.36	---	---	---	---	---	---	7.2	20	6.6	1.3	0.56
23	0.36	---	---	---	---	---	---	7.0	20	6.2	1.4	0.49
24	0.42	---	---	---	---	---	---	6.2	20	5.9	1.3	0.49
25	0.49	---	---	---	---	---	---	5.4	19	5.5	1.5	0.49
26	0.42	---	---	---	---	---	---	5.4	18	5.2	1.3	0.49
27	0.36	---	---	---	---	---	---	5.8	17	4.7	1.3	0.49
28	0.36	---	---	---	---	---	---	6.0	16	4.4	1.3	0.42
29	0.36	---	---	---	---	---	---	6.8	16	4.2	1.2	0.42
30	0.36	---	---	---	---	---	---	8.5	15	3.9	1.1	0.42
31	0.42	---	---	---	---	---	---	9.5	---	3.9	0.98	---
TOTAL	10.99								499	267.7	60.48	18.33
MEAN	0.35								16.6	8.64	1.95	0.61
AC-FT	22								990	531	120	36
MAX	0.49								21	14	3.6	0.98
MIN	0.24								10	3.9	0.98	0.42

CAL YR 1994 TOTAL                    MEAN                    MAX                    MIN                    AC-FT                    60620  
WTR YR 1995 TOTAL                    856.50                    MEAN                    2.35                    MAX                    21                    MIN                    0.24                    AC-FT                    1700

MAX DISCH    22 CFS AT 2015 17-JUN-1995 GH    1.32 FT.    SHIFT    -0.08 FT.    MAX GH    1.32 FT. AT 2015 17-JUN-1995



PLATTE RIVER BASIN

06733000 BIG THOMPSON RIVER AT ESTES PARK, CO

**LOCATION.**--Lat 40°22'42", long 105°30'48", in NW¼NW¼ sec. 30, T.5 N., R.72 W., Larimer County on right bank in Estes Park, 600 ft downstream from bridge on State Highways 7 and 66, 900 ft downstream from Black Canyon Creek, and 0.3 mi northwest of Estes Power Plant. Station is upstream from Lake Estes.

**DRAINAGE AREA.**--137 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry, at 15' Parshall flume with overflow weirs and supplemental outside gage. DCP is the primary record. Datum of gage is 7,492.5 ft above National Geodetic Vertical Datum of 1929.

**REMARKS.**--Record is complete and reliable except for the following periods: Dec. 17, 1994-Feb. 22, 1995 when the flume was frozen. Gage height was estimated June 14-16; Aug. 30, 1995 due to inlet and construction problems. Discharge was affected by ice Oct. 31; Nov. 1, 5, 9-11, 14-15, 1994; Mar. 5-10, 13, 20, 23, 27-31; Apr. 1, 1995. Record is good, except for periods of no gage-height record and ice effect, which is poor. Station maintained and records developed by Merlin Friedrichsen.

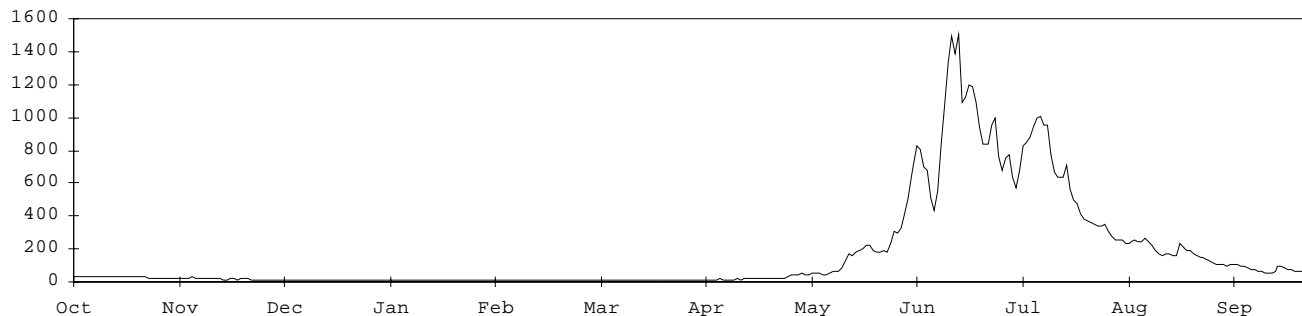
**RATING TABLE.**--BTABESCO09 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	21	12	13	10	12	14	38	333	681	312	114
2	30	23	13	13	10	6.4	10	44	410	754	274	107
3	31	22	12	13	10	7.6	11	50	507	769	256	109
4	32	22	12	12	10	8.7	11	42	642	637	253	104
5	32	31	11	12	10	12	11	47	709	569	252	99
6	37	22	12	12	10	9.1	12	54	828	676	238	106
7	36	21	11	12	10	11	13	52	802	823	236	104
8	35	22	11	12	10	13	15	50	703	845	243	104
9	34	20	7.2	12	11	14	17	44	678	878	253	99
10	34	19	7.1	12	11	13	15	44	508	945	241	93
11	33	19	7.3	11	11	13	13	51	438	1000	241	85
12	32	21	7.5	11	11	12	14	60	552	1010	260	77
13	31	19	7.7	11	11	11	14	61	842	957	243	70
14	30	15	9.7	11	11	11	16	66	1080	951	222	66
15	31	12	10	11	11	12	15	86	1340	770	189	61
16	31	21	10	11	11	13	16	126	1490	671	173	57
17	31	17	10	10	11	14	18	173	1390	639	163	54
18	30	15	10	10	11	14	17	159	1500	637	165	55
19	33	16	11	10	10	15	19	177	1090	634	167	68
20	30	16	11	10	10	12	17	193	1120	710	162	92
21	28	16	11	10	10	14	19	198	1200	564	159	100
22	27	13	12	10	10	14	17	221	1190	500	232	83
23	26	13	12	10	9.9	11	16	218	1090	473	212	72
24	25	14	12	10	10	12	18	196	941	412	194	75
25	24	15	12	10	11	9.6	19	183	840	380	186	68
26	25	13	12	10	10	11	20	178	835	374	170	63
27	25	7.2	13	10	9.9	11	20	188	838	364	154	59
28	23	8.1	13	10	9.6	10	25	181	950	347	148	57
29	23	8.5	13	10	---	10	33	229	1000	335	145	62
30	25	8.9	13	10	---	12	41	308	763	341	138	64
31	19	---	13	10	---	12	---	294	---	353	126	---
TOTAL	913	510.7	338.5	339	290.4	360.4	516	4011	26609	19999	6407	2427
MEAN	29.5	17.0	10.9	10.9	10.4	11.6	17.2	129	887	645	207	80.9
AC-FT	1810	1010	671	672	576	715	1020	7960	52780	39670	12710	4810
MAX	37	31	13	13	11	15	41	308	1500	1010	312	114
MIN	19	7.2	7.1	10	9.6	6.4	10	38	333	335	126	54

CAL YR 1994 TOTAL 34598.2 MEAN 94.8 MAX 634 MIN 7.1 AC-FT 68630  
WTR YR 1995 TOTAL 62721.0 MEAN 172 MAX 1500 MIN 6.4 AC-FT 124400

MAX DISCH 1872 CFS AT 0345 18-JUN-1995 GH 6.80 FT. SHIFT 0.47 FT. MAX GH 6.80 FT. AT 0345 18-JUN-1995



PLATTE RIVER BASIN

06734500 FISH CREEK NEAR ESTES PARK, CO

LOCATION.--Lat 40°22'06", long 105°29'35", SW¼ sec. 29, T.5 N., R.72 W.

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorder at 5' Parshall flume.

REMARKS.--Record is complete and reliable except for the following period: Nov. 22, 1994-Feb. 22, 1995 when the station was closed for the winter and May 30-31; June 1-2; July 1-31; Aug. 24-31; Sep. 1-11 when the clock was off. Record is good, except for periods of no gage-height record and ice effect which is poor. Station maintained and records developed by Merlin Friedrichsen.

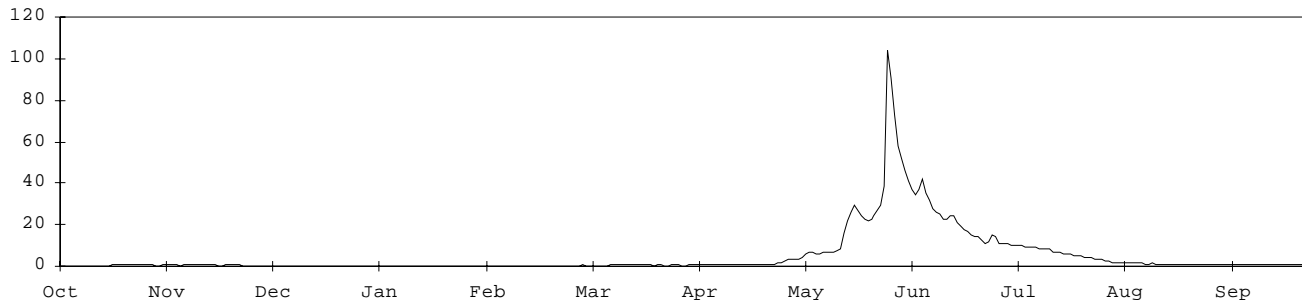
RATING TABLE.--FISHESCO06 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.36	0.44	0.31	0.29	0.34	0.29	0.36	3.1	73	11	2.8	0.85
2	0.36	0.44	0.30	0.29	0.34	0.44	0.44	3.1	58	11	2.4	0.80
3	0.36	0.52	0.30	0.29	0.34	0.29	0.44	3.4	52	11	1.9	0.80
4	0.36	0.52	0.29	0.29	0.34	0.29	0.44	3.5	46	11	1.9	0.80
5	0.36	0.36	0.29	0.30	0.34	0.29	0.44	4.3	41	10	1.8	0.75
6	0.36	0.44	0.28	0.30	0.34	0.29	0.52	5.6	37	10	1.7	0.75
7	0.29	0.44	0.27	0.30	0.35	0.29	0.44	6.7	34	10	1.4	0.75
8	0.23	0.44	0.26	0.30	0.35	0.36	0.52	6.7	37	10	1.3	0.70
9	0.23	0.52	0.26	0.30	0.35	0.36	0.52	5.8	42	9.0	1.3	0.70
10	0.23	0.52	0.26	0.30	0.35	0.44	0.44	6.2	35	9.0	1.4	0.70
11	0.29	0.52	0.26	0.30	0.35	0.52	0.44	6.7	32	9.0	1.3	0.65
12	0.29	0.44	0.26	0.31	0.35	0.52	0.44	7.1	28	9.0	1.3	0.52
13	0.29	0.52	0.26	0.31	0.35	0.44	0.52	7.1	26	8.0	1.2	0.52
14	0.36	0.52	0.26	0.31	0.36	0.44	0.52	7.1	25	8.0	1.1	0.52
15	0.36	0.60	0.27	0.31	0.36	0.52	0.44	7.3	23	8.0	1.4	0.44
16	0.44	0.36	0.27	0.31	0.36	0.60	0.52	8.7	23	8.0	0.98	0.44
17	0.52	0.36	0.27	0.31	0.36	0.60	0.69	16	24	7.0	0.78	0.52
18	0.53	0.60	0.27	0.31	0.36	0.52	0.69	22	24	7.0	0.78	0.52
19	0.52	0.52	0.27	0.32	0.36	0.69	0.98	26	21	7.0	0.69	0.69
20	0.52	0.78	0.27	0.32	0.36	0.52	0.78	29	19	6.0	0.76	0.69
21	0.44	0.88	0.27	0.32	0.36	0.52	0.88	27	18	6.0	0.60	0.78
22	0.44	0.50	0.28	0.32	0.37	0.44	0.88	24	17	6.0	0.78	0.78
23	0.44	0.35	0.28	0.32	0.36	0.36	0.78	23	15	5.0	0.98	0.69
24	0.52	0.35	0.28	0.32	0.29	0.44	0.88	22	14	5.0	0.95	0.78
25	0.52	0.34	0.28	0.33	0.36	0.44	0.98	23	14	5.0	0.95	0.88
26	0.44	0.34	0.28	0.33	0.36	0.36	1.1	24	13	4.0	0.95	0.69
27	0.44	0.33	0.28	0.33	0.36	0.36	1.1	27	11	4.0	0.90	0.58
28	0.44	0.33	0.28	0.33	0.29	0.44	1.4	29	12	4.0	0.90	0.52
29	0.36	0.32	0.29	0.33	---	0.44	1.8	39	15	3.0	0.90	0.60
30	0.36	0.32	0.29	0.33	---	0.44	2.6	104	14	3.0	0.85	0.60
31	0.52	---	0.29	0.34	---	0.36	---	91	---	3.0	0.85	---
TOTAL	12.18	13.92	8.58	9.67	9.76	13.31	22.98	618.4	843	227.0	37.80	20.01
MEAN	0.39	0.46	0.28	0.31	0.35	0.43	0.77	19.9	28.1	7.32	1.22	0.67
AC-FT	24	28	17	19	19	26	46	1230	1670	450	75	40
MAX	0.53	0.88	0.31	0.34	0.37	0.69	2.6	104	73	11	2.8	0.88
MIN	0.23	0.32	0.26	0.29	0.29	0.29	0.36	3.1	11	3.0	0.60	0.44

CAL YR 1994 TOTAL 421.32 MEAN 1.15 MAX 8.9 MIN 0.23 AC-FT 836  
WTR YR 1995 TOTAL 1836.61 MEAN 5.03 MAX 104 MIN 0.23 AC-FT 3640

MAX DISCH 111 CFS AT 1900 30-MAY-1995 GH 2.97 FT. SHIFT -0.04 FT. MAX GH 2.97 FT. AT 1900 30-MAY-1995



PLATTE RIVER BASIN

06735500 BIG THOMPSON RIVER NEAR ESTES PARK, CO

**LOCATION.**--Lat 40°22'35", long 105°29'06", in NE¼NE¼ sec. 29, T.5 N., R.72 W., Larimer County, Hydrologic Unit 10190006, on right bank 100 ft upstream from Dry Gulch, 600 ft downstream from Olympus Dam, and 2.0 mi east of Estes Park.

**DRAINAGE AREA.**--155 mi<sup>2</sup>. Area at site used Jan. 29, 1934, to Mar. 21, 1951, 162 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry at 15' Parshall flume in a concrete shelter with a supplementary outside gage.

**REMARKS.**--Record is complete and reliable, except for Jan. 6-Frb. 3, 1995 when the inlets were frozen due to repairs outside the wing walls of the Parshall that removed gravel insulating the pipes. Station maintained and records developed by Merlin Friedrichsen. Record is good.

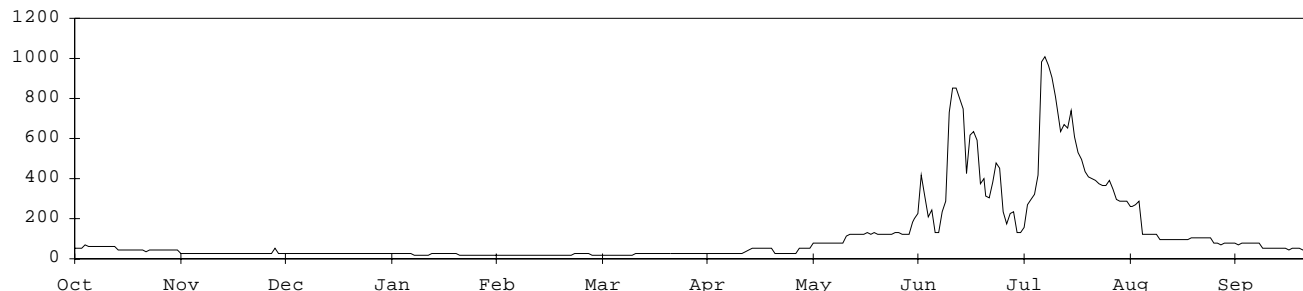
**RATING TABLE.**--BTBLES009 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51	27	27	23	17	22	25	27	126	238	392	74
2	50	27	28	23	17	20	24	52	125	178	348	74
3	54	28	27	23	17	20	25	56	126	227	299	73
4	66	27	27	22	19	20	24	52	184	239	284	76
5	65	26	29	22	20	19	24	52	196	133	283	74
6	65	26	27	24	21	19	24	78	224	132	283	77
7	63	26	27	22	20	19	24	77	416	160	264	76
8	65	28	28	22	20	20	24	78	309	270	263	73
9	62	26	28	21	19	20	24	77	210	293	267	76
10	62	27	23	21	20	19	25	78	244	320	286	75
11	62	27	23	19	20	19	26	78	134	418	123	74
12	63	27	23	20	21	19	24	78	130	985	123	75
13	62	27	25	21	21	19	24	77	234	1010	124	74
14	43	26	24	22	19	19	25	76	283	969	123	75
15	42	26	24	23	20	22	24	76	734	904	123	55
16	41	26	23	24	19	22	32	109	856	811	97	50
17	42	27	23	25	19	24	47	125	848	693	98	50
18	42	26	22	25	19	23	51	126	802	633	99	50
19	41	27	24	26	20	24	52	124	745	669	100	52
20	40	27	23	24	20	23	51	125	424	656	98	52
21	41	27	23	22	20	23	51	125	618	736	99	55
22	38	27	23	20	20	22	50	127	635	607	99	51
23	40	26	23	18	20	24	51	126	588	529	98	46
24	41	25	22	16	21	24	51	127	375	497	99	50
25	42	26	22	19	22	24	22	126	396	434	101	48
26	41	24	22	19	22	24	22	126	312	409	101	48
27	40	27	22	20	22	24	22	124	301	404	102	45
28	41	28	22	19	22	24	23	123	381	394	101	48
29	41	51	23	18	---	24	23	126	478	375	101	48
30	41	27	22	17	---	24	24	128	450	364	101	48
31	42	---	23	17	---	24	---	127	---	364	102	---
TOTAL	1529	822	752	657	557	673	938	3006	11884	15051	5181	1842
MEAN	49.3	27.4	24.3	21.2	19.9	21.7	31.3	97.0	396	486	167	61.4
AC-FT	3030	1630	1490	1300	1100	1330	1860	5960	23570	29850	10280	3650
MAX	66	51	29	26	22	24	52	128	856	1010	392	77
MIN	38	24	22	16	17	19	22	27	125	132	97	45

CAL YR 1994 TOTAL 20424.7 MEAN 56.0 MAX 136 MIN 9.7 AC-FT 40510  
WTR YR 1995 TOTAL 42892 MEAN 118 MAX 1010 MIN 16 AC-FT 85080

MAX DISCH 1030 CFS AT 0300 13-JUL-1995 GH 5.73 FT. SHIFT 0.00 FT. MAX GH 5.73 FT. AT 0300 13-JUL-1995



PLATTE RIVER BASIN

06734900 OLYMPUS TUNNEL (ESTES FOOTHILLS CANAL) AT LAKE ESTES, CO

**LOCATION.**--Lat 40°22'30", long 105°29'13", in SE¼NW¼ sec. 29, T.5 N., R.72 W., Larimer County, Hydrologic Unit 10190006, at tunnel entrance at south end of Olympus Dam on Lake Estes, 1.9 mi east of Estes Park.

**GAGE.**--Graphic water-stage recorder with satellite monitoring DCP with shaft encoder in a concrete shelter with supplemental outside staff gage. The DCP is the primary record.

**REMARKS.**--Record is complete, reliable and good. Record is good. Station maintained and records developed by Merlin Friedrichsen.

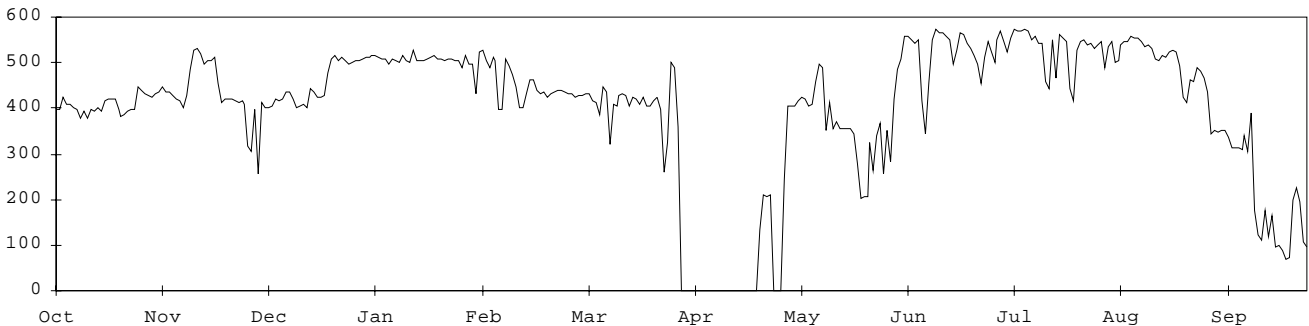
**RATING TABLE.**--OLYTUNCO05 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	399	448	401	517	524	424	0.0	245	281	499	546	436
2	398	436	402	517	529	427	0.0	404	422	551	488	343
3	426	435	405	511	506	428	0.0	407	484	568	534	353
4	408	427	419	509	490	431	0.0	404	510	547	546	348
5	409	421	417	507	511	432	0.0	415	557	525	500	352
6	400	417	421	495	503	418	0.0	426	558	556	505	352
7	396	401	437	507	398	414	0.0	421	551	573	538	336
8	380	428	434	503	397	387	0.0	405	544	571	547	315
9	392	486	421	501	509	449	0.0	408	552	569	545	315
10	380	529	403	515	492	435	0.0	458	415	573	557	314
11	396	533	404	503	475	321	0.0	497	344	571	555	308
12	393	521	408	502	448	410	0.0	489	456	549	554	342
13	401	495	402	526	402	405	0.0	351	549	558	547	307
14	395	506	443	505	401	427	0.0	412	574	543	534	391
15	417	506	436	503	433	430	0.0	356	565	544	538	175
16	421	511	426	505	462	428	0.0	370	565	457	530	124
17	422	455	425	508	461	405	0.0	356	559	445	508	112
18	419	414	428	512	441	424	0.0	355	551	549	505	177
19	399	420	478	515	433	421	0.0	354	498	468	515	117
20	383	420	508	507	437	410	0.0	354	528	561	512	164
21	386	420	515	508	424	426	0.0	345	566	555	522	97
22	392	417	506	503	433	406	0.0	280	563	545	526	101
23	399	414	511	508	437	404	0.0	204	541	442	525	88
24	396	418	505	509	440	416	132	206	532	417	493	70
25	448	410	496	505	438	426	212	205	517	526	424	74
26	441	316	502	505	437	399	207	325	498	548	413	197
27	430	306	506	488	430	260	212	265	454	549	464	225
28	428	398	505	516	430	323	0.0	339	514	537	460	194
29	425	255	510	496	---	499	0.0	367	548	541	490	106
30	430	412	514	496	---	491	0.0	256	525	532	483	94
31	435	---	514	432	---	361	---	352	---	539	468	---
TOTAL	12644	12975	14102	15634	12721	12737	763	11031	15321	16508	15872	6927
MEAN	408	433	455	504	454	411	25.4	356	511	533	512	231
AC-FT	25080	25740	27970	31010	25230	25260	1510	21880	30390	32740	31480	13740
MAX	448	533	515	526	529	499	212	497	574	573	557	436
MIN	380	255	401	432	397	260	0.0	204	281	417	413	70

CAL YR 1994 TOTAL 149055 MEAN 408 MAX 567 MIN 0.00 AC-FT 295700  
WTR YR 1995 TOTAL 147235 MEAN 403 MAX 574 MIN 0.00 AC-FT 292000

MAX DISCH 590 CFS AT 2300 14-JUN-1995 GH 8.18 FT. SHIFT 0.00 FT. MAX GH 8.18 FT. AT 2300 14-JUN-1995



PLATTE RIVER BASIN

06736000 NORTH FORK BIG THOMPSON RIVER AT DRAKE, CO

**LOCATION.**--Lat 40°20'45", long 105°26'30", NW¼ sec. 3, T.5 N., R.71 W., Larimer County, 400 ft upstream from mouth at Drake, Co. on U. S. Highway 34 to Estes Park, Co.

**DRAINAGE AREA.**--85.1 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder with satellite telemetry. The graphic chart was the primary record until Mar. 21, 1994 when a DCP and shaft encoder belonging to the DWR was installed due to the unreliability of the NWS DCP. From then on the DCP is the primary record using the graphic chart as backup.

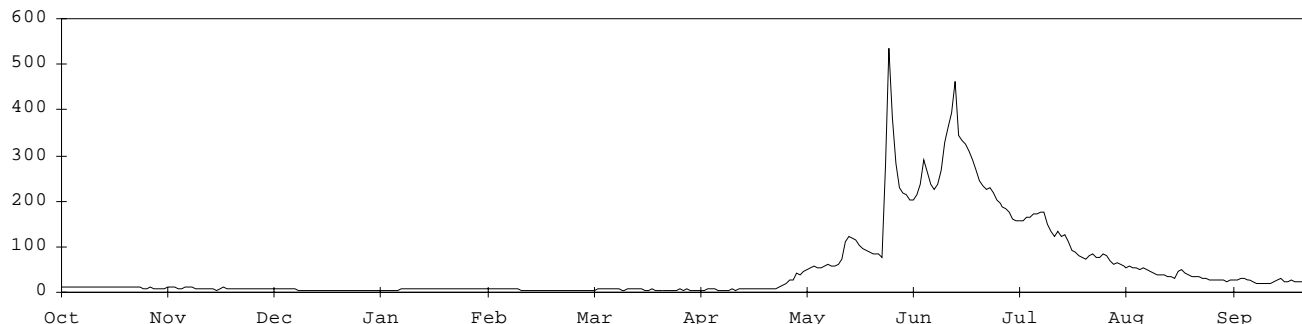
**REMARKS.**--Record is complete and reliable except for the following periods: Nov. 23, 1994-Feb. 27, 1995 when the station was closed, and May 28-29, 1995 when the inlets were plugged. Record was affected by ice in the well and on the control Nov. 17-22, 1994 and Mar. 2-9, 1995. Record is good, except for periods of no gage-height record and ice effect, which is fair. Station maintained and records developed by Merlin Friedrichsen.

**RATING TABLE.**--BTNFDRCO10 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	10	7.0	5.0	7.0	3.6	5.8	25	281	193	80	26
2	11	9.9	7.0	5.0	7.0	4.0	5.2	28	230	186	68	25
3	12	9.6	7.0	5.0	7.0	4.5	4.9	43	217	183	61	26
4	12	8.1	6.0	5.0	7.0	5.0	5.2	40	213	176	64	25
5	12	9.4	6.0	5.0	7.0	5.5	5.7	44	202	162	60	24
6	13	10	6.0	5.0	6.0	6.0	5.6	51	204	158	57	28
7	12	9.7	6.0	5.0	6.0	6.0	5.9	54	214	155	55	27
8	12	9.6	6.0	6.0	6.0	6.2	6.1	57	237	158	56	28
9	11	8.3	5.0	6.0	6.0	6.5	6.3	53	290	165	55	30
10	11	9.3	5.0	6.0	6.0	5.8	5.3	55	263	165	52	29
11	11	9.0	5.0	6.0	6.0	6.4	4.7	57	237	172	50	25
12	10	8.9	5.0	6.0	5.0	6.7	5.4	60	225	172	52	25
13	10	8.6	5.0	6.0	5.0	5.7	5.5	59	237	174	49	22
14	10	6.0	5.0	6.0	5.0	5.7	5.8	59	268	174	47	21
15	11	5.3	5.0	6.0	5.0	5.9	5.6	62	330	148	43	21
16	11	7.9	5.0	6.0	5.0	6.5	5.8	72	364	132	39	21
17	11	11	5.0	6.0	5.0	6.9	6.7	112	393	123	37	20
18	10	8.8	5.0	6.0	5.0	6.4	6.1	123	464	132	37	20
19	11	8.2	5.0	6.0	5.0	6.5	7.0	120	344	123	35	22
20	10	8.2	5.0	6.0	5.0	5.4	6.0	115	331	128	34	26
21	11	8.2	5.0	6.0	5.0	5.4	7.6	104	326	112	32	29
22	11	7.7	5.0	6.0	5.0	6.0	7.3	97	311	91	44	24
23	10	8.0	5.0	6.0	5.0	4.8	6.5	92	292	87	49	24
24	9.8	8.0	5.0	6.0	5.0	5.3	7.3	87	269	80	41	25
25	9.5	8.0	5.0	7.0	5.0	4.5	8.9	83	245	75	40	23
26	9.3	8.0	5.0	7.0	5.0	5.0	9.4	85	234	72	34	23
27	9.6	8.0	5.0	7.0	5.0	4.2	7.7	84	224	79	33	22
28	8.9	7.0	5.0	7.0	3.9	4.8	9.7	77	230	85	33	22
29	8.8	7.0	5.0	7.0	---	4.9	14	279	219	78	32	21
30	9.2	7.0	5.0	7.0	---	6.6	21	535	204	77	30	21
31	7.7	---	5.0	7.0	---	5.5	---	383	---	85	28	---
TOTAL	327.8	252.7	166.0	186.0	154.9	172.2	214.0	3195	8098	4100	1427	725
MEAN	10.6	8.42	5.35	6.00	5.53	5.55	7.13	103	270	132	46.0	24.2
AC-FT	650	501	329	369	307	342	424	6340	16060	8130	2830	1440
MAX	13	11	7.0	7.0	7.0	6.9	21	535	464	193	80	30
MIN	7.7	5.3	5.0	5.0	3.9	3.6	4.7	25	202	72	28	20
CAL YR 1994 TOTAL		8928.8	MEAN	24.5	MAX	115	MIN	5.0	AC-FT	17710		
WTR YR 1995 TOTAL		19018.6	MEAN	52.1	MAX	535	MIN	3.6	AC-FT	37720		

MAX DISCH 572 CFS AT 0815 30-MAY-1995 GH 5.97 FT. SHIFT -0.50 FT. MAX GH 5.97 FT. AT 0815 30-MAY-1995



PLATTE RIVER BASIN

DILLE TUNNEL (EAST PORTAL) NEAR DRAKE, CO

**LOCATION.**--Lat 40°25'10", long 105°14'45", NW¼NW¼ sec. 9, T.5 N., R.70 W., Larimer County. Diverts water from Big Thompson River and Transmountain diversions from Colorado River basin to Hansen Feeder Canal.

**GAGE.**--Graphic water-stage recorder in concrete shelter at 8' Parshall flume.

**REMARKS.**--Station maintained by U.S. Bureau of Reclamation. Record is complete and reliable. Flow at station is intermittent dependent on river flows, water orders, and other regulations. The graphic chart is the primary record. Record is good. Chart record is checked daily when tunnel is in operation by Bureau of Reclamation personnel. Records developed by Fred H. Renner.

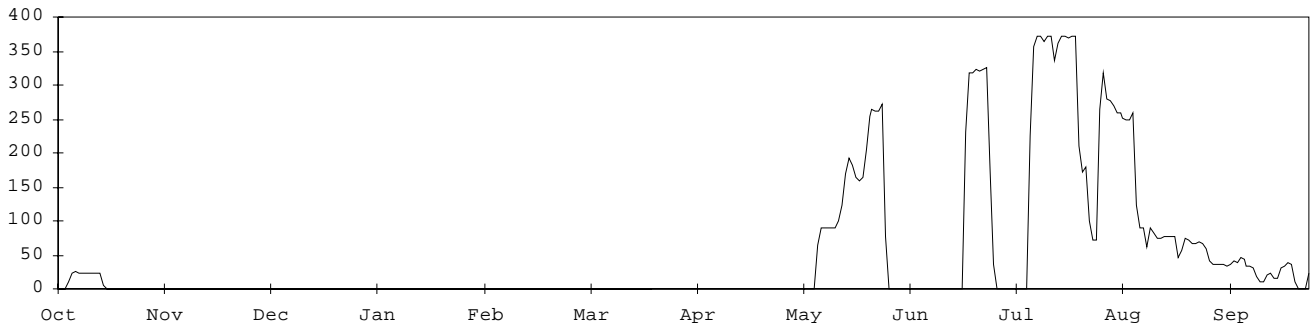
**RATING TABLE.**--DILTUNCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	318	42
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	279	36
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	276	35
4	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	270	35
5	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	259	37
6	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	260	34
7	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	252	36
8	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	249	41
9	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	249	39
10	22	0.0	0.0	0.0	0.0	0.0	0.0	65	0.0	0.0	259	46
11	22	0.0	0.0	0.0	0.0	0.0	0.0	89	0.0	225	124	43
12	22	0.0	0.0	0.0	0.0	0.0	0.0	89	0.0	357	89	34
13	22	0.0	0.0	0.0	0.0	0.0	0.0	89	0.0	373	89	34
14	5.5	0.0	0.0	0.0	0.0	0.0	0.0	89	0.0	373	62	32
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89	0.0	363	90	18
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	0.0	373	83	11
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	124	0.0	371	75	11
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	170	0.0	335	75	21
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	193	0.0	361	76	23
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	182	0.0	373	76	15
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	164	0.0	372	76	16
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	159	232	369	76	31
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	164	319	372	47	34
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	205	319	372	56	39
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	253	322	209	74	36
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	263	321	172	71	9.3
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	262	322	179	66	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	262	325	100	66	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	272	171	73	69	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	76	35	73	66	23
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	264	60	---
TOTAL	217.5	0.0	0.0	0.0	0.0	0.0	0.0	3359	2366	6059	4237	811.3
MEAN	7.02	0.0	0.0	0.0	0.0	0.0	0.0	108	78.9	195	137	27.0
AC-FT	431	0.0	0.0	0.0	0.0	0.0	0.0	6660	4690	12020	8400	1610
MAX	25	0.0	0.0	0.0	0.0	0.0	0.0	272	325	373	318	46
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47	0.0

CAL YR 1994 TOTAL 3170.1 MEAN 8.69 MAX 100 MIN 0.00 AC-FT 6290  
WTR YR 1995 TOTAL 17049.8 MEAN 46.7 MAX 373 MIN 0.00 AC-FT 33820

MAX DISCH 375 CFS AT 0600 13-JUL-1995 GH 4.78 FT. SHIFT 0.00 FT. MAX GH 4.78 FT. AT 0600 13-JUL-1995



PLATTE RIVER BASIN

06738000 BIG THOMPSON RIVER AT MOUTH OF CANYON, NEAR DRAKE, CO

**LOCATION.**--Lat 40°25'18", long 105°13'34", in SW¼SW¼ sec. 3, T,5 N., R.70 W., Larimer County, Hydrologic Unit 10190006, on right bank at mouth of canyon, 400 ft upstream from Handy Ditch diversion dam, and 6.0 mi east of Drake.

**DRAINAGE AREA.**--305 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry and shaft encoder activated by manometer in a concrete shelter with outside wire weight for reference.

**REMARKS.**--Record is complete and reliable except for the following periods: Nov. 29, 1994-Feb. 22, 1995 when the station was closed for winter. Chart days were Oct. 3-5, 11, 27-31; Nov. 1-28, 1994. Stage-discharge relation affected by ice Nov. 15-16, 18-28, 1994. Record is good, except for periods of no gage-height record and ice affect, which is poor. Station maintained and records developed by Merlin Friedrichsen.

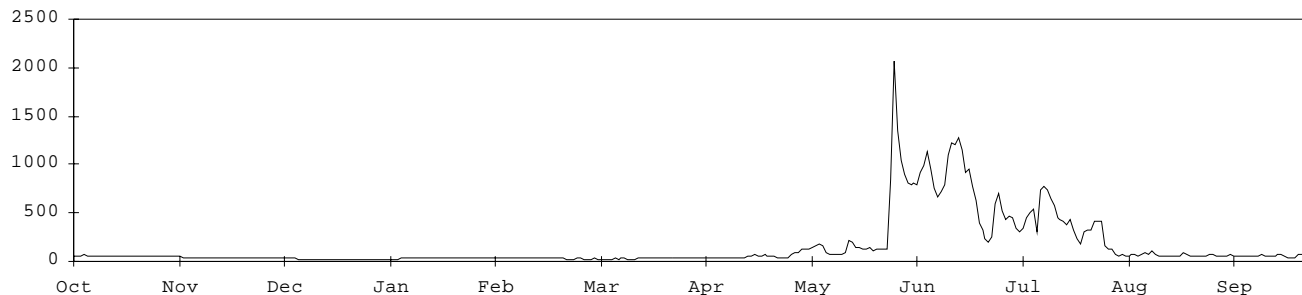
**RATING TABLE.**--BTCANYCO14 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59	45	28	26	36	20	28	82	1050	529	120	63
2	60	37	28	26	36	21	29	90	894	438	129	59
3	60	37	27	26	36	30	28	122	809	463	75	61
4	66	36	27	26	36	25	32	124	794	449	60	61
5	55	33	27	27	36	23	29	122	803	338	66	59
6	50	36	26	27	36	26	29	152	784	309	61	71
7	50	36	26	27	36	25	28	161	921	337	59	62
8	49	38	26	28	35	25	28	176	984	450	63	57
9	50	34	25	28	35	27	28	162	1130	500	66	61
10	48	35	25	28	35	26	28	91	947	538	60	57
11	48	36	25	29	35	27	27	67	763	314	80	55
12	47	35	25	29	35	27	28	67	660	731	83	60
13	48	34	25	29	35	25	27	66	711	771	77	60
14	55	33	25	30	35	26	28	66	790	736	104	62
15	54	32	25	30	35	23	29	65	1090	652	68	67
16	54	37	25	30	35	31	30	82	1230	569	55	59
17	53	37	25	31	34	29	51	220	1200	441	54	60
18	52	36	25	31	33	30	57	201	1280	431	51	46
19	52	37	24	32	32	30	66	141	1150	409	52	52
20	51	38	24	32	30	30	58	135	913	383	51	65
21	51	38	24	33	29	29	62	131	959	429	50	72
22	50	38	24	33	28	29	63	122	767	318	59	48
23	49	38	24	34	25	27	60	135	632	230	96	37
24	49	38	24	34	24	28	60	111	387	180	80	37
25	51	38	24	35	26	27	50	117	323	312	62	37
26	50	38	24	35	27	29	38	121	239	328	59	64
27	51	33	24	36	27	27	34	118	196	326	62	74
28	48	33	24	36	25	29	35	122	258	407	61	72
29	48	29	25	37	---	29	42	854	600	422	59	75
30	50	29	25	37	---	28	72	2070	705	409	56	49
31	47	---	25	36	---	29	---	1350	---	158	64	---
TOTAL	1605	1074	780	958	907	837	1204	7643	23969	13307	2142	1762
MEAN	51.8	35.8	25.2	30.9	32.4	27.0	40.1	247	799	429	69.1	58.7
AC-FT	3180	2130	1550	1900	1800	1660	2390	15160	47540	26390	4250	3490
MAX	66	45	28	37	36	31	72	2070	1280	771	129	75
MIN	47	29	24	26	24	20	27	65	196	158	50	37

CAL YR 1994 TOTAL 25996 MEAN 71.2 MAX 237 MIN 15 AC-FT 51560  
WTR YR 1995 TOTAL 56188 MEAN 154 MAX 2070 MIN 20 AC-FT 111400

MAX DISCH 2748 CFS AT 0715 30-MAY-1995 GH 5.54 FT. SHIFT 0.07 FT. MAX GH 5.54 FT. AT 0715 30-MAY-1995





PLATTE RIVER BASIN

BUCKHORN CREEK NEAR MASONVILLE, CO

LOCATION.--Lat 40°26'04", long 105°10'47"

DRAINAGE AREA.--

GAGE.--Graphic water stage recorder in a 4' square wooden shelter with concrete well. The outside staff is the primary reference. The Graphic chart is the primary record.

REMARKS.--Record is complete and reliable except for the following periods: Dec. 1-20, 1994; Feb. 13-16; Mar. 2-9, 1995 when the clock was not working and Jun. 30-Jul. 4, 7-17, 19-20, 1995 when the manometer was not working. The graphic chart record is good, except for periods of no gage-height when the clock was off, which are poor. The DCP was off Oct. 3, 1994-Feb. 16, 1995 for repairs. The graphic chart was used as primary record during that period. Station maintained and records developed by Merlin Friedrichsen.

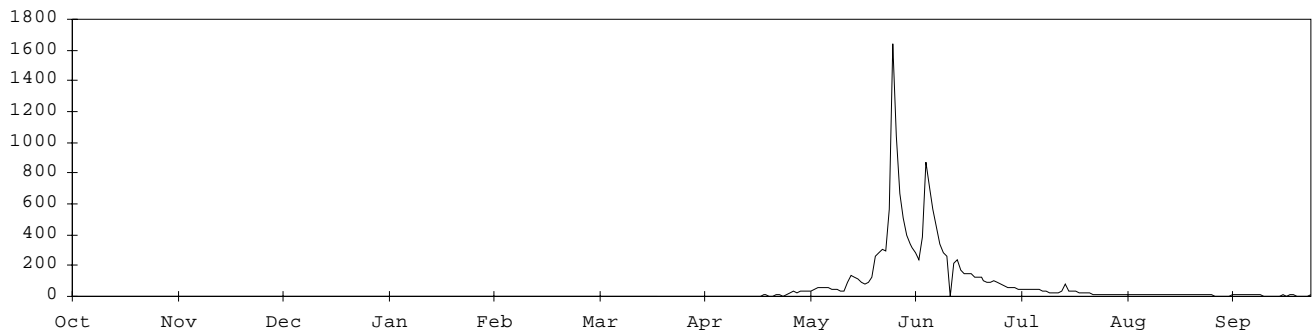
RATING TABLE.--BUCRMVCO05 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	1.8	1.6	1.5	1.5	1.9	1.9	30	669	81	14	5.9
2	1.5	1.8	1.6	1.5	1.5	1.9	2.0	24	510	71	13	5.6
3	1.5	1.8	1.6	1.5	1.4	1.9	2.0	35	399	61	12	5.5
4	1.6	1.8	1.6	1.5	1.5	1.9	2.0	35	343	52	13	5.3
5	1.6	1.8	1.6	1.5	1.5	1.9	2.0	30	318	55	13	5.1
6	1.5	1.8	1.6	1.5	1.5	1.8	2.0	39	279	49	13	5.2
7	1.5	1.8	1.6	1.5	1.5	1.8	2.0	45	240	47	12	5.7
8	1.6	1.8	1.6	1.5	1.6	1.7	2.5	60	388	45	10	6.2
9	1.8	1.8	1.6	1.5	1.6	1.7	2.5	62	869	44	9.1	6.6
10	1.7	1.8	1.6	1.5	1.6	1.7	3.0	60	711	42	9.0	7.5
11	1.7	1.8	1.6	1.5	1.6	1.7	3.4	52	571	40	8.5	7.3
12	1.7	1.7	1.6	1.5	1.6	1.8	3.1	48	451	46	8.7	6.8
13	1.7	1.7	1.6	1.5	1.6	1.6	2.8	48	334	33	8.1	6.4
14	1.7	1.8	1.6	1.5	1.6	1.7	2.7	40	283	31	7.9	6.2
15	1.7	1.7	1.5	1.5	1.6	1.7	3.2	36	265	28	7.7	6.1
16	1.7	1.6	1.5	1.5	1.6	1.7	4.0	30	0.0	28	7.1	5.6
17	1.8	1.6	1.5	1.5	1.6	1.7	4.6	96	212	26	6.7	5.1
18	1.8	1.6	1.5	1.5	1.6	1.7	4.6	138	240	25	6.1	4.6
19	1.7	1.6	1.5	1.5	1.6	1.7	4.9	126	171	30	5.9	4.1
20	1.7	1.6	1.5	1.5	1.6	1.8	5.2	111	144	76	6.4	4.2
21	1.7	1.6	1.5	1.5	1.6	2.0	5.6	96	146	38	6.2	4.8
22	1.7	1.6	1.5	1.5	1.7	1.8	6.6	80	142	31	6.8	5.8
23	1.7	1.6	1.5	1.5	1.8	1.9	5.8	90	126	29	7.6	5.6
24	1.7	1.6	1.5	1.5	1.7	2.1	5.3	128	125	27	7.6	6.3
25	1.8	1.6	1.5	1.5	1.7	1.9	5.2	256	125	23	7.7	5.8
26	1.7	1.6	1.5	1.5	2.3	1.9	6.1	280	104	20	8.0	5.3
27	1.7	1.6	1.5	1.5	2.1	2.0	5.9	304	92	18	8.0	5.1
28	1.7	1.6	1.5	1.5	1.9	1.9	5.2	290	90	16	7.7	4.9
29	1.7	1.6	1.5	1.5	---	1.9	7.5	566	100	15	7.4	5.1
30	1.7	1.6	1.5	1.5	---	1.9	22	1640	95	14	7.4	7.4
31	1.8	---	1.5	1.5	---	1.9	---	1040	---	14	7.0	---
TOTAL	51.8	50.7	47.9	46.5	46.0	56.5	135.6	5915	8542	1155	272.6	171.1
MEAN	1.67	1.69	1.55	1.50	1.64	1.82	4.52	191	285	37.3	8.79	5.70
AC-FT	103	101	95	92	91	112	269	11730	16940	2290	541	339
MAX	1.8	1.8	1.6	1.5	2.3	2.1	22	1640	869	81	14	7.5
MIN	1.4	1.6	1.5	1.5	1.4	1.6	1.9	24	0.0	14	5.9	4.1

CAL YR 1994 TOTAL 2439.7 MEAN 6.68 MAX 83 MIN 1.4 AC-FT 4840  
WTR YR 1995 TOTAL 16490.7 MEAN 45.2 MAX 1640 MIN 0.00 AC-FT 32710

MAX DISCH 2033 CFS AT 0945 30-MAY-1995 GH 10.80 FT. SHIFT -0.02 FT. MAX GH 10.80 FT. AT 0945 30-MAY-1995



PLATTE RIVER BASIN

CHARLES HANSEN FEEDER CANAL BELOW BIG THOMPSON SIPHON NEAR DRAKE, CO

LOCATION.--Lat 40°25'20", long 105°13'33", SW¼SW¼ sec. 3, T.5 N., T.70 W., Larimer County.

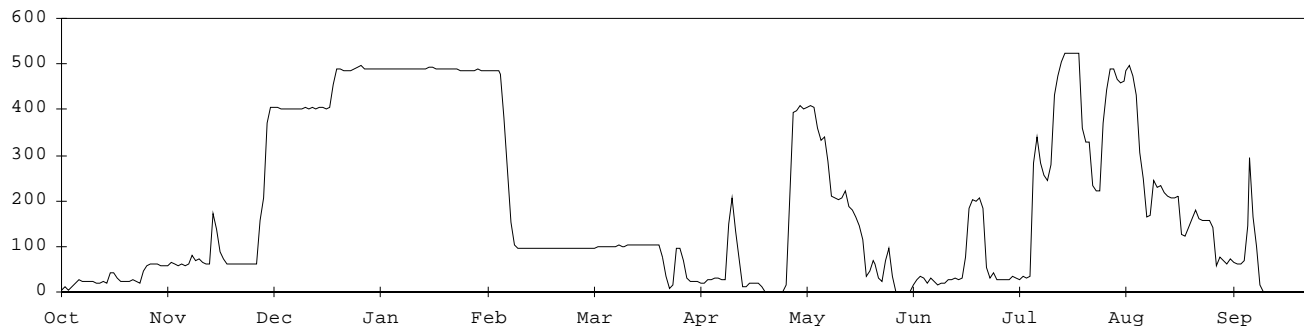
GAGE.--Graphic water-stage recorder and shaft encoder in a concrete shelter. The DCP is the primary record with chart backup. Station maintained by Northern Colo. Water Conservancy District.

REMARKS.--Record is complete and reliable. Apr. 24-29; Jun. 1-5; Sep. 16-30, 1995 canal was shut down for maintenance work. Chart gage-heights were used for the following periods: Oct. 11-12, 26-27; Nov. 4; Dec. 2, 31, 1994; Jan. 1-5, 18-19, 21-24; Feb. 12-14; Mar. 29-30; Apr. 7-12; May 2-3, 7-8, 14; Jul. 19-21; Aug. 4-6, 17, 1995. Record is good. Records developed by Fred H. Renner.

RATING TABLE.--HFCBBS013 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.5	58	405	490	486	97	31	202	0.0	27	442	143
2	13	64	405	491	486	97	24	395	0.0	26	490	58
3	3.5	60	404	490	487	97	23	399	0.0	25	489	77
4	10	58	403	491	485	97	23	410	0.0	26	468	70
5	21	63	403	491	486	97	21	403	0.0	34	460	60
6	25	58	403	490	477	98	20	406	14	32	462	72
7	23	61	403	490	381	99	26	408	28	28	487	65
8	22	81	403	488	266	98	28	405	34	33	496	63
9	22	69	403	489	152	100	30	359	31	30	473	60
10	22	71	403	489	105	100	30	334	18	36	433	67
11	21	64	404	489	96	100	28	340	31	284	304	145
12	21	63	403	489	95	102	27	286	23	342	248	294
13	22	62	404	488	96	101	148	211	17	283	166	166
14	21	172	403	489	96	101	206	208	21	256	170	98
15	41	137	404	491	96	102	133	203	20	245	244	17
16	41	89	404	493	96	103	71	206	26	279	230	0.0
17	32	72	403	493	96	103	10	223	27	430	233	0.0
18	24	63	404	490	96	103	11	186	29	473	217	0.0
19	23	63	454	489	96	103	20	180	25	506	212	0.0
20	24	63	488	489	96	104	20	166	29	522	207	0.0
21	22	63	491	491	96	104	19	147	77	522	206	0.0
22	25	63	486	489	96	104	19	116	184	524	210	0.0
23	24	62	484	488	97	104	10	33	204	525	125	0.0
24	21	63	486	488	96	103	0.0	44	198	524	123	0.0
25	45	63	489	487	97	75	0.0	67	206	359	143	0.0
26	58	63	492	487	96	35	0.0	63	182	327	161	0.0
27	60	63	495	486	96	6.3	0.0	31	54	329	179	0.0
28	61	155	491	486	97	16	0.0	23	31	234	162	0.0
29	60	207	491	487	---	97	0.0	69	42	222	158	0.0
30	59	370	491	489	---	97	15	94	28	223	157	0.0
31	59	---	491	487	---	70	---	33	---	369	158	---
TOTAL	930.0	2663	13593	15164	5541	2813.3	993	6650	1579	8075	8713	1455
MEAN	30.0	88.8	438	489	198	90.8	33.1	215	52.6	260	281	48.5
AC-FT	1840	5280	26960	30080	10990	5580	1970	13190	3130	16020	17280	2890
MAX	61	370	495	493	487	104	206	410	206	525	496	294
MIN	3.5	58	403	486	95	6.3	0.0	23	0.0	25	123	0.0
CAL YR 1994 TOTAL	56222.1		MEAN	154	MAX	495	MIN	0.00	AC-FT	111500		
WTR YR 1995 TOTAL	68169.3		MEAN	187	MAX	525	MIN	0.00	AC-FT	135200		
MAX DISCH	541 CFS AT 2045		22-JUL-1995 GH		8.35 FT.		SHIFT	0.00 FT.		MAX GH 8.35 FT. AT 2045 22-JUL-1995		



PLATTE RIVER BASIN

06738100 CHARLES HANSEN FEEDER CANAL WASTEWAY TO BIG THOMPSON NEAR DRAKE, CO

LOCATION.--Lat 40°25'11", long 105°13'30", NE¼NW¼ sec. 10, T.5 N., R.70 W., Larimer County.

GAGE.--Graphic water-stage recorder with satellite telemetry in concrete shelter with supplemental outside staff gage at 15' Parshall flume. Station maintained by N.C.W.C.D.

REMARKS.--Record is good. Flow at station is intermittent depending on operation of power plant and flow north. The wasteway serves as both a safety valve and delivery system returning water back to the Big Thompson River. The chart record was used for the following period: Sep. 26-29, 1995. The DCP is the primary record with the graphic chart as backup. Records developed by Fred H. Renner.

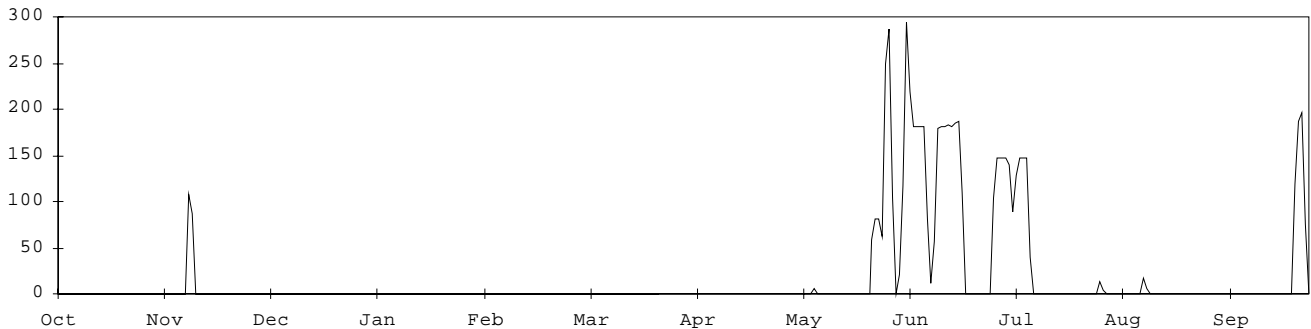
RATING TABLE.--HFCWASCO2 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103	147	4.7	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	147	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	147	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117	147	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	295	140	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	218	89	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181	128	0.0	0.0
8	0.0	107	0.0	0.0	0.0	0.0	0.0	0.0	182	148	0.0	0.0
9	0.0	86	0.0	0.0	0.0	0.0	0.0	6.5	181	148	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181	148	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82	39	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57	0.0	17	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	179	0.0	5.9	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	182	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	183	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	184	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	186	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	109	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58	0.0	0.0	0.0	118
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82	0.0	0.0	0.0	186
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82	0.0	0.0	0.0	196
29	0.0	0.0	0.0	0.0	---	0.0	0.0	63	0.0	0.0	0.0	75
30	0.0	0.0	0.0	0.0	---	0.0	0.0	249	104	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	287	---	13	0.0	---
TOTAL	0.0	193	0.0	0.0	0.0	0.0	0.0	827.5	3118	1441	27.6	575
MEAN	0.0	6.43	0.0	0.0	0.0	0.0	0.0	26.7	104	46.5	0.89	19.2
AC-FT	0.0	383	0.0	0.0	0.0	0.0	0.0	1640	6180	2860	55	1140
MAX	0.0	107	0.0	0.0	0.0	0.0	0.0	287	295	148	17	196
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CAL YR 1994 TOTAL 2829.09 MEAN 7.75 MAX 156 MIN 0.00 AC-FT 5610  
WTR YR 1995 TOTAL 6182.1 MEAN 16.9 MAX 295 MIN 0.00 AC-FT 12260

MAX DISCH 613 CFS AT 1345 05-JUN-1995 GH 4.16 FT. SHIFT 0.00 FT. MAX GH 4.16 FT. AT 1345 05-JUN-1995



PLATTE RIVER BASIN

06738100 CHARLES HANSEN FEEDER CANAL POWER PLANT TO BIG THOMPSON RIVER  
NEAR DRAKE, CO

LOCATION.--Lat 40°25'15", long 105°13'30", NE¼NW¼ sec. 10, T.5 N., R.70 W., Larimer County.

GAGE.--Graphic water-stage recorder with satellite telemetry and inclined manometer.

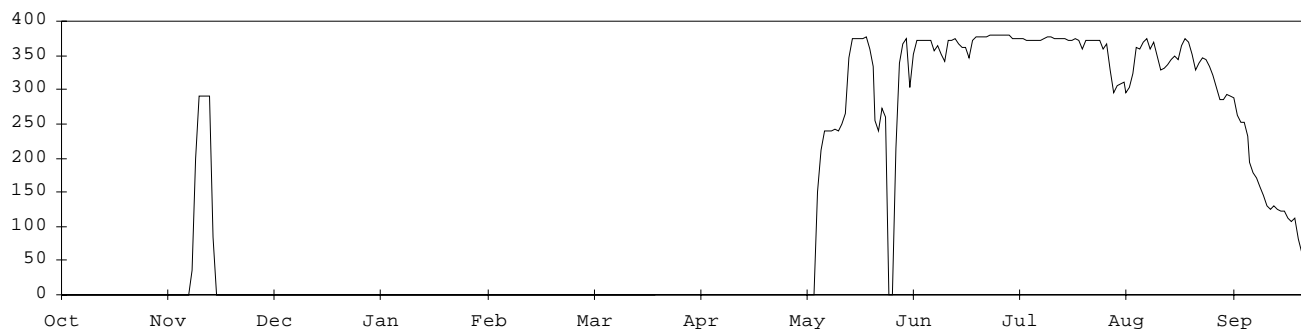
REMARKS.--Record is complete and reliable except for the following periods: Oct. 1-31; Nov. 1-7, 15-30; Dec. 1-31, 1994-May 8, 30-31, 1995 when canal was off. The chart and DCP data records cubic feet per second, not gage-heights. Chart record was used for the following period: Nov. 8-14, 1994; May 9-16, 29; Jul. 19-26, 1995. Station maintained by U.S. Bureau of Reclamation. Record is good. Records developed by Fred H. Renner.

RATING TABLE.--HFCPLCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	213	380	367	321
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	340	379	329	303
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	368	380	295	285
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	374	379	307	285
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	304	375	308	293
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	352	375	310	290
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	371	374	296	289
8	0.0	36	0.0	0.0	0.0	0.0	0.0	0.0	372	374	302	262
9	0.0	200	0.0	0.0	0.0	0.0	0.0	150	373	373	323	252
10	0.0	291	0.0	0.0	0.0	0.0	0.0	212	372	373	362	253
11	0.0	291	0.0	0.0	0.0	0.0	0.0	239	373	373	358	233
12	0.0	291	0.0	0.0	0.0	0.0	0.0	239	357	372	369	194
13	0.0	291	0.0	0.0	0.0	0.0	0.0	239	365	373	375	178
14	0.0	85	0.0	0.0	0.0	0.0	0.0	242	352	374	359	171
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	239	341	376	370	159
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	249	372	376	350	144
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	266	372	374	329	131
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	347	374	375	330	126
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	375	366	374	337	130
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	375	363	375	343	125
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	375	363	373	350	122
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	375	347	373	343	122
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	376	372	374	364	112
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	358	378	373	374	108
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	333	378	360	369	112
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	254	378	371	351	82
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	240	377	371	328	62
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	272	379	371	339	63
29	0.0	0.0	0.0	0.0	---	0.0	0.0	261	380	372	346	85
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	379	372	343	112
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	359	335	---
TOTAL	0.0	1485	0.0	0.0	0.0	0.0	0.0	6016	10805	11573	10561	5404
MEAN	0.0	49.5	0.0	0.0	0.0	0.0	0.0	194	360	373	341	180
AC-FT	0.0	2950	0.0	0.0	0.0	0.0	0.0	11930	21430	22960	20950	10720
MAX	0.0	291	0.0	0.0	0.0	0.0	0.0	376	380	380	375	321
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	213	359	295	62

CAL YR 1994 TOTAL 35764 MEAN 98.0 MAX 396 MIN 0.00 AC-FT 70940  
WTR YR 1995 TOTAL 45844 MEAN 126 MAX 380 MIN 0.00 AC-FT 90930



PLATTE RIVER BASIN

BOULDER CREEK SUPPLY CANAL TO BOULDER CREEK NEAR BOULDER, CO

LOCATION.--Lat 40°03'11", long 105°11'33", SW¼NW¼ sec. 13, T.1 N., R. 70 W., Boulder County.

DRAINAGE AREA.--N/A

GAGE.--Graphic A-35 water-stage recorder in a 36-inch galvanized shelter with supplemental outside staff at 10' Parshall Flume.

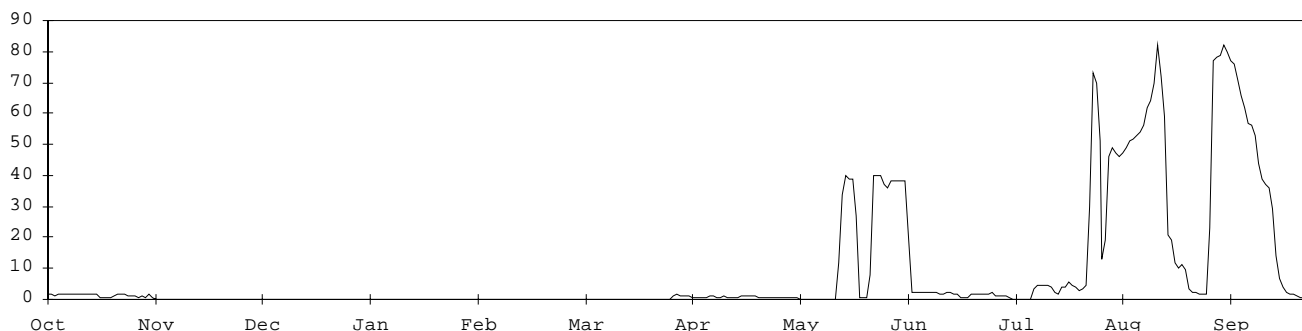
REMARKS.--Record is complete and reliable. The canal was closed for winter from Nov. 1, 1994-Mar. 29, 1995. Record is good. Station maintained by NCWCD. Record developed by Fred Renner.

RATING TABLE.--BCSCBCCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	0.0	0.0	0.0	0.0	0.0	1.2	0.44	38	1.3	13	23
2	1.7	0.0	0.0	0.0	0.0	0.0	1.3	0.44	38	1.3	19	77
3	1.3	0.0	0.0	0.0	0.0	0.0	1.3	0.44	38	1.2	46	78
4	1.5	0.0	0.0	0.0	0.0	0.0	0.99	0.33	38	1.2	49	79
5	1.7	0.0	0.0	0.0	0.0	0.0	0.84	0.33	38	0.84	47	82
6	1.7	0.0	0.0	0.0	0.0	0.0	0.84	0.23	20	0.0	46	80
7	1.7	0.0	0.0	0.0	0.0	0.0	0.69	0.23	2.3	0.0	47	77
8	1.7	0.0	0.0	0.0	0.0	0.0	0.69	0.23	2.3	0.0	49	76
9	1.7	0.0	0.0	0.0	0.0	0.0	0.69	0.14	2.5	0.0	51	71
10	1.7	0.0	0.0	0.0	0.0	0.0	1.3	0.14	2.3	0.0	52	66
11	1.7	0.0	0.0	0.0	0.0	0.0	1.2	0.14	2.3	0.0	53	62
12	1.5	0.0	0.0	0.0	0.0	0.0	0.69	0.14	2.1	3.5	54	57
13	1.7	0.0	0.0	0.0	0.0	0.0	0.69	0.14	2.1	4.6	56	56
14	1.7	0.0	0.0	0.0	0.0	0.0	0.99	0.08	2.1	4.3	62	53
15	1.5	0.0	0.0	0.0	0.0	0.0	0.69	0.08	1.9	4.6	64	44
16	0.44	0.0	0.0	0.0	0.0	0.0	0.69	0.14	1.9	4.3	70	39
17	0.56	0.0	0.0	0.0	0.0	0.0	0.69	12	2.1	3.8	82	37
18	0.44	0.0	0.0	0.0	0.0	0.0	0.69	34	2.1	2.3	72	36
19	0.44	0.0	0.0	0.0	0.0	0.0	0.99	40	1.9	1.7	59	29
20	1.2	0.0	0.0	0.0	0.0	0.0	1.2	39	1.5	3.8	21	14
21	1.7	0.0	0.0	0.0	0.0	0.0	1.2	39	0.33	4.0	19	6.7
22	1.5	0.0	0.0	0.0	0.0	0.0	1.2	27	0.33	5.4	12	3.8
23	1.5	0.0	0.0	0.0	0.0	0.0	0.99	0.44	0.84	4.6	10	2.1
24	1.3	0.0	0.0	0.0	0.0	0.0	0.69	0.44	1.7	3.8	11	1.9
25	1.3	0.0	0.0	0.0	0.0	0.0	0.44	0.44	1.9	3.0	9.8	1.7
26	1.2	0.0	0.0	0.0	0.0	0.0	0.56	7.8	1.7	3.2	3.5	1.2
27	0.56	0.0	0.0	0.0	0.0	0.0	0.44	40	1.5	4.6	2.3	0.84
28	0.99	0.0	0.0	0.0	0.0	0.0	0.44	40	1.7	3.0	2.3	0.44
29	0.84	0.0	0.0	0.0	---	0.0	0.44	40	1.9	73	1.9	0.69
30	1.5	0.0	0.0	0.0	---	1.1	0.56	37	2.1	70	1.9	0.69
31	0.66	---	0.0	0.0	---	1.5	---	36	---	51	1.9	---
TOTAL	40.43	0.0	0.0	0.0	0.0	2.6	25.32	396.79	253.40	291.34	1087.6	1156.06
MEAN	1.30	0.0	0.0	0.0	0.0	0.08	0.84	12.8	8.45	9.40	35.1	38.5
AC-FT	80	0.0	0.0	0.0	0.0	5.2	50	787	503	578	2160	2290
MAX	1.7	0.0	0.0	0.0	0.0	1.5	1.3	40	38	73	82	82
MIN	0.44	0.0	0.0	0.0	0.0	0.0	0.44	0.08	0.33	0.0	1.9	0.44
CAL YR 1994 TOTAL	12672.96	MEAN	34.7	MAX	197	MIN	0.00	AC-FT	25140			
WTR YR 1995 TOTAL	3253.54	MEAN	8.91	MAX	82	MIN	0.00	AC-FT	6450			

MAX DISCH 127 CFS AT 1200 17-AUG-1995 GH 2.04 FT. SHIFT 0.00 FT. MAX GH 2.04 FT. AT 1200 17-AUG-1995



PLATTE RIVER BASIN

BOULDER CREEK FEEDER CANAL NEAR LYONS, CO

LOCATION.--Lat 40°12'58", long 105°15'28", NE¼NW¼ sec. 20, T.3 N., R.70 W., Boulder County.

DRAINAGE AREA.--N/A

GAGE.--Graphic A-35 water-stage recorder in a 36-inch galvanized shelter with supplemental outside staff gage at 10' Parshall Flume.

REMARKS.--Record is complete and reliable except for the following period: Nov. 21, 1994-Apr. 6, 1995 when station was closed for the winter; Jun. 26, 1995 clock problem. Record is good. Station maintained by NCWCD. Record developed by Fred Renner.

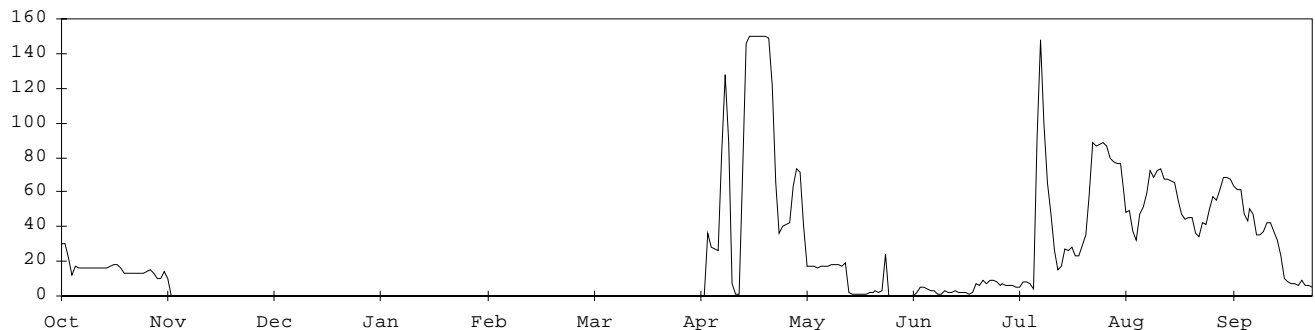
RATING TABLE.--BFCLYOCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	10	0.0	0.0	0.0	0.0	0.0	42	0.0	6.5	87	57
2	30	0.0	0.0	0.0	0.0	0.0	0.0	63	0.0	7.2	80	55
3	22	0.0	0.0	0.0	0.0	0.0	0.0	73	0.0	5.9	77	61
4	12	0.0	0.0	0.0	0.0	0.0	0.0	71	0.0	5.9	76	68
5	17	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0	5.9	76	68
6	16	0.0	0.0	0.0	0.0	0.0	0.0	17	0.0	4.7	58	67
7	16	0.0	0.0	0.0	0.0	0.0	36	17	1.9	5.3	48	63
8	16	0.0	0.0	0.0	0.0	0.0	28	17	5.3	8.2	49	61
9	16	0.0	0.0	0.0	0.0	0.0	27	16	5.3	7.9	37	61
10	16	0.0	0.0	0.0	0.0	0.0	26	17	3.8	7.2	32	47
11	16	0.0	0.0	0.0	0.0	0.0	83	17	3.3	4.4	47	43
12	16	0.0	0.0	0.0	0.0	0.0	128	17	2.8	91	51	50
13	16	0.0	0.0	0.0	0.0	0.0	89	18	1.4	148	59	47
14	16	0.0	0.0	0.0	0.0	0.0	6.9	18	1.0	100	72	35
15	17	0.0	0.0	0.0	0.0	0.0	1.4	18	2.8	65	68	35
16	18	0.0	0.0	0.0	0.0	0.0	1.2	17	2.4	47	72	37
17	18	0.0	0.0	0.0	0.0	0.0	71	19	2.4	26	73	42
18	16	0.0	0.0	0.0	0.0	0.0	146	2.4	2.6	15	67	42
19	13	0.0	0.0	0.0	0.0	0.0	150	1.0	2.4	17	67	37
20	13	0.0	0.0	0.0	0.0	0.0	150	0.57	2.4	27	66	32
21	13	0.0	0.0	0.0	0.0	0.0	150	1.0	1.7	26	65	23
22	13	0.0	0.0	0.0	0.0	0.0	150	1.2	1.4	28	55	9.7
23	13	0.0	0.0	0.0	0.0	0.0	150	1.5	1.9	23	47	8.2
24	13	0.0	0.0	0.0	0.0	0.0	150	1.9	7.2	23	44	6.8
25	13	0.0	0.0	0.0	0.0	0.0	149	1.9	6.2	29	45	6.8
26	14	0.0	0.0	0.0	0.0	0.0	122	3.3	8.6	35	45	6.2
27	15	0.0	0.0	0.0	0.0	0.0	65	2.4	6.8	58	36	9.3
28	13	0.0	0.0	0.0	0.0	0.0	36	3.1	9.0	89	34	5.6
29	10	0.0	0.0	0.0	---	0.0	40	24	9.0	87	42	5.6
30	10	0.0	0.0	0.0	---	0.0	41	0.33	7.9	88	41	5.3
31	14	---	0.0	0.0	---	0.0	---	0.23	---	89	50	---
TOTAL	491	10	0.0	0.0	0.0	0.0	1996.5	541.83	99.5	1180.1	1766	1094.5
MEAN	15.8	0.33	0.0	0.0	0.0	0.0	66.6	17.5	3.32	38.1	57.0	36.5
AC-FT	974	20	0.0	0.0	0.0	0.0	3960	1070	197	2340	3500	2170
MAX	30	10	0.0	0.0	0.0	0.0	150	73	9.0	148	87	68
MIN	10	0.0	0.0	0.0	0.0	0.0	0.0	0.23	0.0	4.4	32	5.3

CAL YR 1994 TOTAL 20846.6 MEAN 57.1 MAX 200 MIN 0.00 AC-FT 41350  
WTR YR 1995 TOTAL 7179.43 MEAN 19.7 MAX 150 MIN 0.00 AC-FT 14240

MAX DISCH 177 CFS AT 1915 12-JUL-1995 GH 2.52 FT. SHIFT 0.00 FT. MAX GH 2.52 FT. AT 1915 12-JUL-1995



PLATTE RIVER BASIN

BOULDER FEEDER CANAL TO LEFTHAND CREEK

LOCATION.--Lat 40°06'13", long 105°13'12", SE¼SE¼ sec. 28, T.2 N., R.70 W., Boulder County.

DRAINAGE AREA.--N/A

GAGE.--Graphic A-35 water-stage recorder in a six-by-six concrete shelter with supplemental outside staff gage at 4' Parshall Flume.

REMARKS.--Station maintained by NCWCD. Record is complete and reliable except for the following period: Oct. 1, 1994-0800 hours on Jul. 15, 1995; Sep. 22, 1995 at 0900 hours-Sep. 30, 1995 when station was closed for the water year. Record is good. Record developed by Fred Renner.

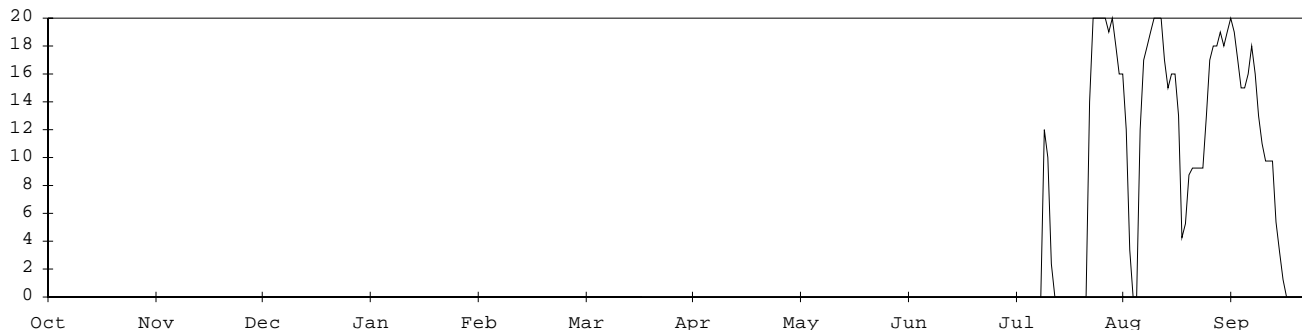
RATING TABLE.--BFLCHCCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	17
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	18
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19	18
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	19
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	18
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	19
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	20
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	19
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	17
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	16
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	18
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	16
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	19	13
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	20	11
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	20	9.7
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	9.7
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	9.7
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	5.4
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	3.3
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	1.2
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14	9.3	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	20	9.3	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	20	9.3	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	20	13	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98.4	415.9	308.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.17	13.4	10.3
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	195	825	611
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	20	20
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CAL YR 1994 TOTAL 1228.4 MEAN 3.37 MAX 23 MIN 0.00 AC-FT 2440  
WTR YR 1995 TOTAL 822.3 MEAN 2.25 MAX 20 MIN 0.00 AC-FT 1630

MAX DISCH 20 CFS AT 0830 28-JUL-1995 GH 1.17 FT. SHIFT 0.00 FT. MAX GH 1.17 FT. AT 0830 28-JUL-1995



PLATTE RIVER BASIN

DRY CREEK TURNOUT NEAR NIWOT, CO

LOCATION.--Lat 40°04'50", long 105°12'26", SE¼NE¼ sec. 3, T.1 N., R.70 W., Boulder County.

DRAINAGE AREA.--N/A

GAGE.--Graphic A-35 water-stage recorder in a 36-inch galvanized shelter with supplemental outside staff gage.

REMARKS.--Record is complete and reliable except for the following period: Nov. 1, 1994-May 29, 1995 when the station was closed. Record is good. Station maintained by NCWCD. Record developed by Fred Renner.

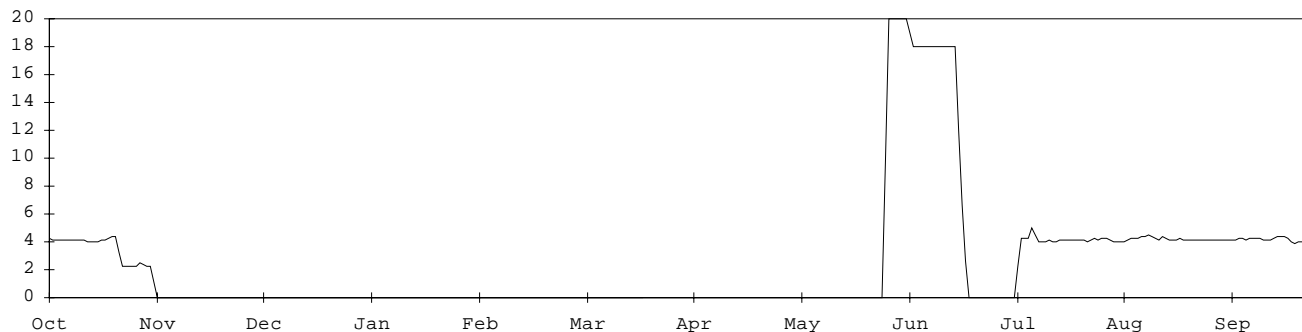
RATING TABLE.--DRYCRKCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0	4.2	4.1
2	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0	4.2	4.1
3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0	4.1	4.1
4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0	4.0	4.1
5	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0	4.0	4.1
6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19	0.0	4.0	4.1
7	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	2.2	4.0	4.1
8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	4.2	4.1	4.1
9	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	4.2	4.2	4.2
10	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	4.2	4.2	4.2
11	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	5.0	4.2	4.1
12	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	4.5	4.4	4.2
13	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	4.0	4.4	4.2
14	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	4.0	4.5	4.2
15	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	4.0	4.4	4.2
16	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	4.1	4.2	4.1
17	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	4.0	4.1	4.1
18	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	4.0	4.4	4.1
19	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	4.1	4.2	4.2
20	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	4.1	4.1	4.4
21	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	4.1	4.1	4.4
22	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	4.1	4.1	4.4
23	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.2	4.2
24	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.1	4.0
25	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.1	3.9
26	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.1	4.0
27	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.1	4.0
28	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.1	4.0
29	2.3	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	4.2	4.1	4.0
30	2.3	0.0	0.0	0.0	---	0.0	0.0	10	0.0	4.1	4.1	4.0
31	1.1	---	0.0	0.0	---	0.0	---	20	---	4.2	4.1	---
TOTAL	107.7	0.0	0.0	0.0	0.0	0.0	0.0	30	374.2	101.8	129.1	123.9
MEAN	3.47	0.0	0.0	0.0	0.0	0.0	0.0	0.97	12.5	3.28	4.16	4.13
AC-FT	214	0.0	0.0	0.0	0.0	0.0	0.0	60	742	202	256	246
MAX	4.4	0.0	0.0	0.0	0.0	0.0	0.0	20	20	5.0	4.5	4.4
MIN	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	3.9

CAL YR 1994 TOTAL 737.6 MEAN 2.02 MAX 6.6 MIN 0.00 AC-FT 1460  
WTR YR 1995 TOTAL 866.7 MEAN 2.37 MAX 20 MIN 0.00 AC-FT 1720

MAX DISCH 21 CFS AT 0930 06-JUN-1995 GH 1.64 FT. SHIFT 0.00 FT. MAX GH 1.64 FT. AT 0930 06-JUN-1995





PLATTE RIVER BASIN

HANSEN FEEDER CANAL AT T.O. TO COTTONWOOD CREEK NEAR NIWOT, CO

LOCATION.--Lat 40°22'33", long 105°13'29", NW¼NW¼ sec. 27, T.5 N., R.70 W., Larimer County.

DRAINAGE AREA.--N/A

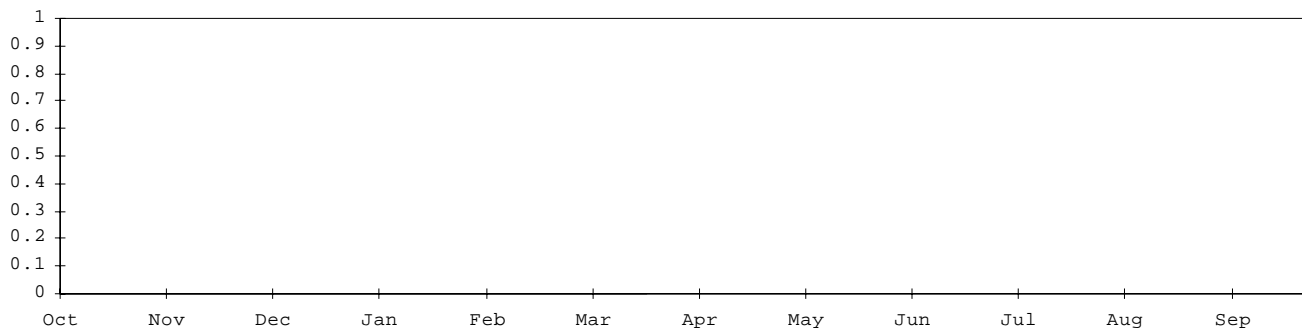
GAGE.--Graphic A-35 water-stage recorder.

REMARKS.--Station maintained by NCWCD. No flow this water year. Last time flow was recorded according to NCWCD personnel was July-Sep. 1975. Record developed by Fred Renner.

RATING TABLE.--HFCCRCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL YR 1994 TOTAL			0 MEAN	0.00	MAX	0.00	MIN	0.00	AC-FT	0.00		
WTR YR 1995 TOTAL			0 MEAN	0.00	MAX	0.00	MIN	0.00	AC-FT	0.00		



PLATTE RIVER BASIN

SOUTH PLATTE SUPPLY CANAL BELOW SAND LAKE NEAR FT. LUPTON, CO

LOCATION.--Lat 40°06'58", long 104°50'19", NW¼NE¼ sec. 25, T.2 N., R.67 W., Weld County.

DRAINAGE AREA.--N/A

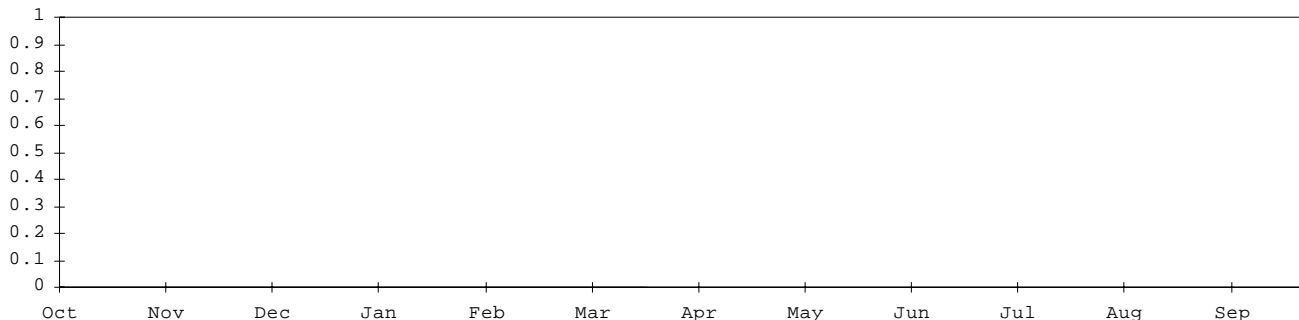
GAGE.--Graphic A-35 water-stage recorder at 8' Parshall Flume in a 36-inch galvanized shelter with supplemental outside staff gage.

REMARKS.--Station maintained by NCWCD. Water was run through the flume for a total of five partial days during the water year. The water recorded was not Conservancy District water and was not recorded in the record year. No measurements were made during the 1995 water year. Record is good. Record developed by Rodger Burcher.

RATING TABLE.--SPSCFLC002 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL YR 1994 TOTAL	3735.3		MEAN	10.2	MAX	134	MIN	0.00	AC-FT	7410		
WTR YR 1995 TOTAL	0		MEAN	0.00	MAX	0.00	MIN	0.00	AC-FT	0.00		



PLATTE RIVER BASIN

ST. VRAIN SUPPLY CANAL NEAR LYONS, CO

LOCATION.--Lat 40°13'05", long 105°15'35", NE¼NW¼ sec. 20, T.3 N., R.70 W., Boulder County.

DRAINAGE AREA.--N/A

GAGE.--Graphic A-35 water-stage recorder in a 36-inch galvanized shelter at 15' Parshall Flume.

REMARKS.--Record is complete and reliable except for the following period: Oct. 30-31, 1994 when clock stopped; Nov. 3, 1994-Apr. 6, 1995 when station was closed for the winter. Record is good. Station maintained by NCWCD. Record developed by Fred Renner.

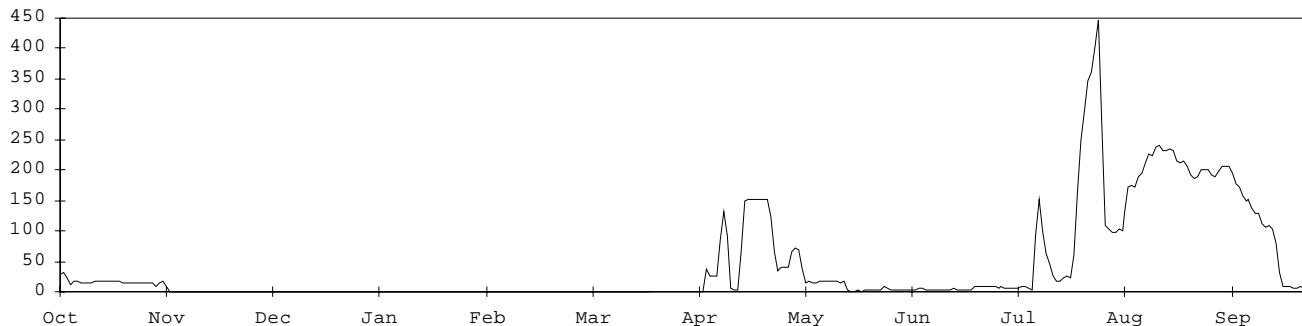
RATING TABLE.--SVSLYOCO05 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	10	0.0	0.0	0.0	0.0	0.0	41	1.7	6.4	110	193
2	31	1.1	0.0	0.0	0.0	0.0	0.0	65	1.9	7.2	102	188
3	22	0.0	0.0	0.0	0.0	0.0	0.0	71	3.4	6.0	98	198
4	12	0.0	0.0	0.0	0.0	0.0	0.0	69	3.4	5.6	97	206
5	17	0.0	0.0	0.0	0.0	0.0	0.0	38	3.4	6.0	102	206
6	16	0.0	0.0	0.0	0.0	0.0	0.0	15	1.9	4.4	100	206
7	15	0.0	0.0	0.0	0.0	0.0	36	16	2.2	5.2	129	195
8	15	0.0	0.0	0.0	0.0	0.0	27	15	5.2	7.7	171	179
9	15	0.0	0.0	0.0	0.0	0.0	25	15	6.4	7.2	174	171
10	15	0.0	0.0	0.0	0.0	0.0	25	16	3.4	6.8	171	158
11	16	0.0	0.0	0.0	0.0	0.0	86	16	3.1	3.8	190	150
12	16	0.0	0.0	0.0	0.0	0.0	132	17	2.8	94	196	151
13	16	0.0	0.0	0.0	0.0	0.0	91	18	1.7	152	212	137
14	16	0.0	0.0	0.0	0.0	0.0	5.2	18	1.7	99	226	130
15	17	0.0	0.0	0.0	0.0	0.0	1.9	17	2.8	62	223	129
16	18	0.0	0.0	0.0	0.0	0.0	1.7	15	2.2	46	238	111
17	18	0.0	0.0	0.0	0.0	0.0	70	18	3.8	26	241	105
18	16	0.0	0.0	0.0	0.0	0.0	148	2.5	5.2	17	233	110
19	13	0.0	0.0	0.0	0.0	0.0	151	1.4	3.8	17	233	104
20	13	0.0	0.0	0.0	0.0	0.0	153	1.4	3.4	22	235	80
21	13	0.0	0.0	0.0	0.0	0.0	153	1.7	1.9	25	231	32
22	13	0.0	0.0	0.0	0.0	0.0	153	1.4	1.7	24	216	9.5
23	13	0.0	0.0	0.0	0.0	0.0	153	1.7	3.1	60	213	8.1
24	13	0.0	0.0	0.0	0.0	0.0	153	2.2	7.7	164	214	7.2
25	13	0.0	0.0	0.0	0.0	0.0	152	2.2	7.7	249	206	6.8
26	14	0.0	0.0	0.0	0.0	0.0	122	3.8	7.2	298	191	6.0
27	14	0.0	0.0	0.0	0.0	0.0	66	2.5	7.2	348	187	9.0
28	13	0.0	0.0	0.0	0.0	0.0	35	3.4	8.6	362	188	5.6
29	10	0.0	0.0	0.0	---	0.0	40	7.2	8.1	402	201	5.6
30	14	0.0	0.0	0.0	---	0.0	40	6.8	7.7	448	201	5.2
31	17	---	0.0	0.0	---	0.0	---	1.9	---	277	201	---
TOTAL	494	11.1	0.0	0.0	0.0	0.0	2019.8	520.1	124.3	3258.3	5730	3202.0
MEAN	15.9	0.37	0.0	0.0	0.0	0.0	67.3	16.8	4.14	105	185	107
AC-FT	980	22	0.0	0.0	0.0	0.0	4010	1030	247	6460	11370	6350
MAX	31	10	0.0	0.0	0.0	0.0	153	71	8.6	448	241	206
MIN	10	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.7	3.8	97	5.2

CAL YR 1994 TOTAL 36308.6 MEAN 99.5 MAX 450 MIN 0.00 AC-FT 72020  
WTR YR 1995 TOTAL 15359.6 MEAN 42.1 MAX 448 MIN 0.00 AC-FT 30470

MAX DISCH 468 CFS AT 0930 31-JUL-1995 GH 3.56 FT. SHIFT 0.00 FT. MAX GH 3.56 FT. AT 0930 31-JUL-1995



PLATTE RIVER BASIN

ST. VRAIN SUPPLY CANAL T.O. TO LITTLE THOMPSON RIVER NO.1

LOCATION.--Lat 40°15'20", long 105°12'34", SE¼NE¼ sec. 3, T.3 N., R.70 W., Boulder County.

DRAINAGE AREA.--N/A

GAGE.--Graphic A-35 water-stage recorder in a 42" metal shelter at a 4' Parshall flume with electric drop tape as reference and outside staff gage.

REMARKS.--Station maintained by NCWCD. Record is complete and reliable for Jul. 13-Sep. 18, 1995 when the station was open. Record is good. Record developed by Merlin Friedrichsen.

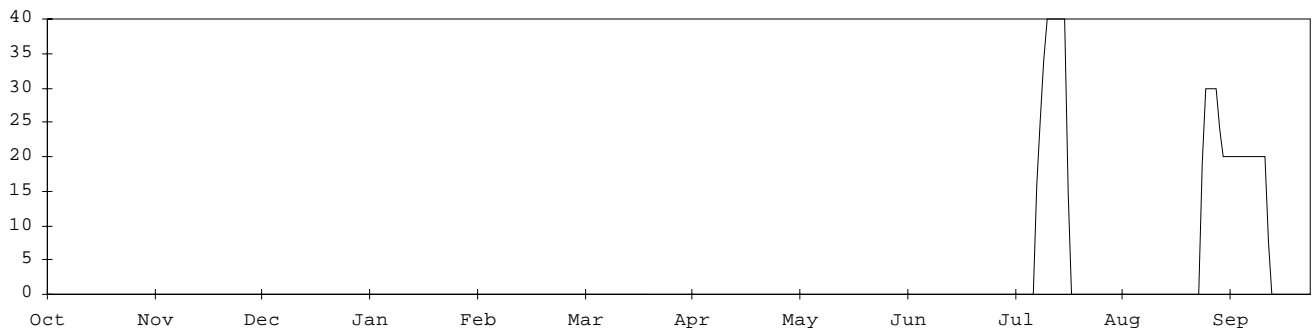
RATING TABLE.--SVSLT1C001 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	0.0	20
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25	0.0	20
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34	0.0	20
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0	20
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0	20
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0	7.5
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	19	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	30	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	330	49	381.5
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	1.58	12.7
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	655	97	757
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	30	30
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CAL YR 1994 TOTAL 1649.9 MEAN 4.52 MAX 35 MIN 0.00 AC-FT 3270  
WTR YR 1995 TOTAL 760.5 MEAN 2.08 MAX 40 MIN 0.00 AC-FT 1510

MAX DISCH 43 CFS AT 1620 15-JUL-1995 GH 1.86 FT. SHIFT 0.00 FT. MAX GH 1.86 FT. AT 1620 15-JUL-1995



PLATTE RIVER BASIN

ST. VRAIN SUPPLY CANAL T.O. TO LITTLE THOMPSON RIVER NO.2

LOCATION.--Lat 40°15'20", long 105°12'34", SE¼NE¼ sec. 3, T.3 N., R.70 W., Boulder County.

DRAINAGE AREA.--N/A

GAGE.--Graphic A-35 water-stage recorder in a 42" metal shelter at a 4' Parshall flume with electric drop tape as reference and outside staff gage.

REMARKS.--Station maintained by NCWCD. Record is complete and reliable for Oct. 1-26, 1994 and Jul. 11-Sep. 30, 1995 when the station was open except for Jul. 26, 1995 when the ink pen quit working. The record is good. Record developed by Merlin Friedrichsen.

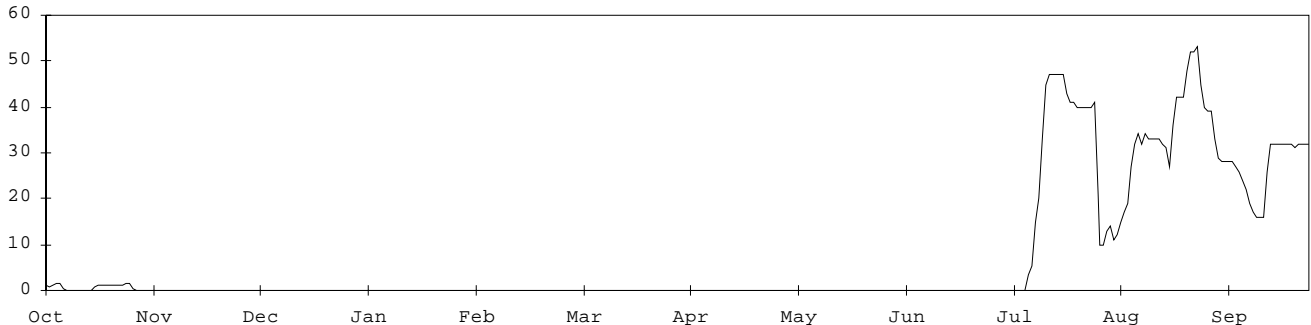
RATING TABLE.--SVSLT2C003 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	39
2	0.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	39
3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13	33
4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14	29
5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	28
6	0.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	28
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	28
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	28
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19	27
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27	26
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	32	24
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	34	22
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	32	19
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	34	17
15	0.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33	33	16
16	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45	33	16
17	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47	33	16
18	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47	33	26
19	0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47	32	32
20	0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47	31	32
21	0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47	27	32
22	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43	36	32
23	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41	42	32
24	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41	42	32
25	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	42	32
26	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	48	31
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	52	32
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	52	32
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	40	53	32
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	41	45	32
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	21	40	---
TOTAL	19.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	743.9	954	844
MEAN	0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	30.8	28.1
AC-FT	38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1480	1890	1670
MAX	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47	53	39
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	16

CAL YR 1994 TOTAL 2983.64 MEAN 8.17 MAX 49 MIN 0.00 AC-FT 5920  
WTR YR 1995 TOTAL 2561.08 MEAN 7.02 MAX 53 MIN 0.00 AC-FT 5080

MAX DISCH 56 CFS AT 0900 29-AUG-1995 GH 2.21 FT. SHIFT 0.00 FT. MAX GH 2.21 FT. AT 0900 29-AUG-1995



PLATTE RIVER BASIN

ST. VRAIN SUPPLY CANAL TO HERTHA CREEK

LOCATION.--Lat 40°19'30", long 105°12'33", NE¼SE¼ sec. 10, T.4 N., R.70 W., Boulder County.

DRAINAGE AREA.--N/A

GAGE.--Graphic A-35 water-stage recorder in a 36-inch galvanized shelter at 4' Parshall Flume.

REMARKS.--Station maintained by NCWCD. Record is complete and reliable except for Sep. 21, 1995 when clock was causing problems. The station was closed for most of the year due to work on new pipeline starting at Carter Lake. Record is good. Record developed by Fred Renner.

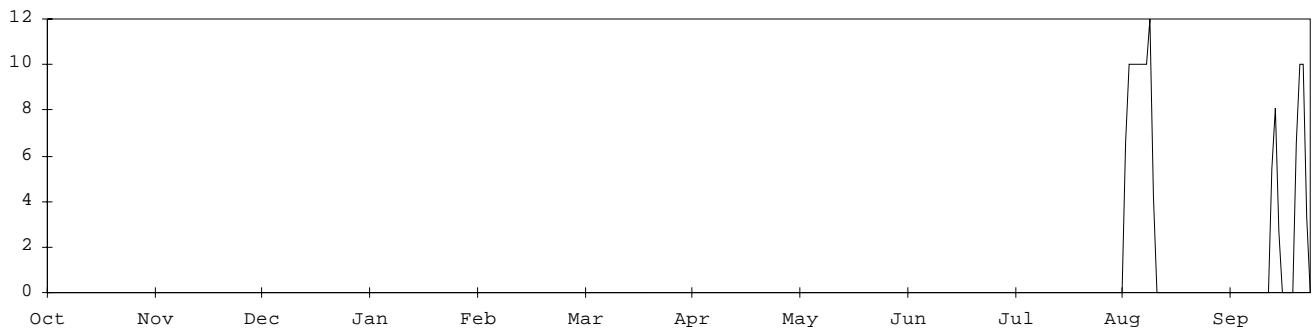
RATING TABLE.--SVSHERCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	3.3
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.8	46.1
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.67	1.54
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	164	91
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	10
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CAL YR 1994 TOTAL 82.8 MEAN 0.23 MAX 12 MIN 0.00 AC-FT 164  
WTR YR 1995 TOTAL 128.9 MEAN 0.35 MAX 12 MIN 0.00 AC-FT 256

MAX DISCH 13 CFS AT 0800 15-AUG-1995 GH 0.86 FT. SHIFT 0.00 FT. MAX GH 0.86 FT. AT 0800 15-AUG-1995



PLATTE RIVER BASIN

HANSEN SUPPLY CANAL TO CACHE LA POUVRE RIVER NEAR FT. COLLINS, CO

LOCATION.--Lat 40°39'32", long 105°12'34", NE¼SE¼ sec. 15, T.3 N., R.70 W., Larimer County.

DRAINAGE AREA.--N/A

GAGE.--Graphic A-35 water-stage recorder at 20' Parshall Flume.

REMARKS.--Station maintained by NCWCD. Estimated days are DCP data from NCWCD. These values are used when no water was ordered to the Cache La Poudre River. This represents seepage. These days are: Nov. 2-22, 1994; Apr. 10-30; May 1-31; Jun. 1-8, 14-30; Jul. 1-12; and Sep. 22-30, 1995. DCP values were also used on Oct. 1-3, 13-31; Nov. 1, 1994. These days had water ordered but very small amounts. Record developed by George Sievers.

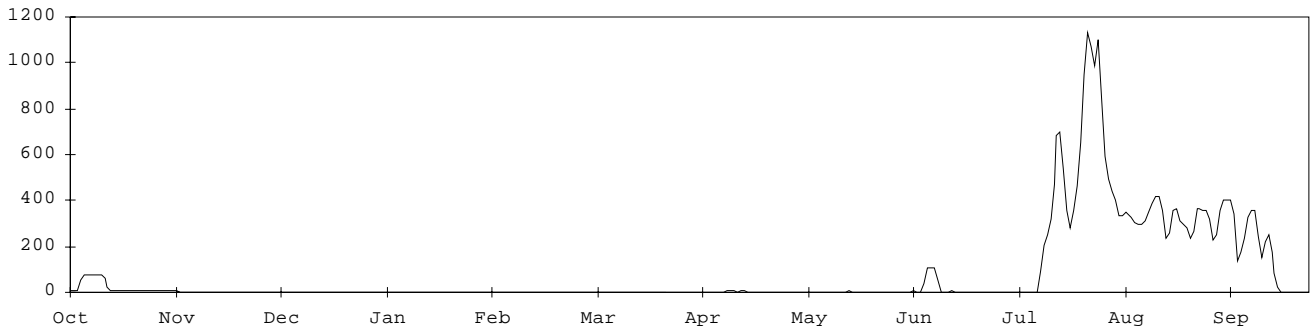
RATING TABLE.--HSCCLPC02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.9	4.4	0.0	0.0	0.0	0.0	0.0	1.7	1.4	2.6	591	322
2	6.7	1.7	0.0	0.0	0.0	0.0	0.0	1.6	2.1	2.2	497	231
3	7.0	2.0	0.0	0.0	0.0	0.0	0.0	1.5	1.1	1.6	437	254
4	56	1.7	0.0	0.0	0.0	0.0	0.0	0.72	1.4	1.3	402	359
5	77	1.3	0.0	0.0	0.0	0.0	0.0	0.77	1.5	1.6	337	400
6	77	1.5	0.0	0.0	0.0	0.0	0.0	0.73	3.8	3.4	335	405
7	77	2.7	0.0	0.0	0.0	0.0	0.0	0.78	1.8	2.5	346	405
8	77	3.1	0.0	0.0	0.0	0.0	0.0	0.63	2.5	2.5	344	344
9	77	2.8	0.0	0.0	0.0	0.0	0.0	0.48	40	2.5	326	137
10	77	2.2	0.0	0.0	0.0	0.0	0.50	0.49	105	3.0	304	175
11	62	2.3	0.0	0.0	0.0	0.0	1.6	0.68	105	0.20	298	235
12	19	2.2	0.0	0.0	0.0	0.0	4.6	0.86	105	0.20	298	324
13	4.9	2.3	0.0	0.0	0.0	0.0	4.6	0.60	51	90	313	357
14	5.8	2.1	0.0	0.0	0.0	0.0	4.0	0.43	3.5	208	348	355
15	9.0	1.5	0.0	0.0	0.0	0.0	3.7	0.41	3.6	252	391	246
16	7.9	1.4	0.0	0.0	0.0	0.0	4.7	0.89	3.0	318	414	154
17	9.8	1.2	0.0	0.0	0.0	0.0	4.3	1.8	3.9	472	421	220
18	9.2	1.4	0.0	0.0	0.0	0.0	3.5	4.4	3.4	681	359	252
19	8.7	1.5	0.0	0.0	0.0	0.0	1.9	1.6	3.1	699	233	173
20	8.0	1.5	0.0	0.0	0.0	0.0	0.82	2.7	3.6	539	260	84
21	7.2	1.5	0.0	0.0	0.0	0.0	0.58	1.5	3.2	355	355	22
22	7.4	1.4	0.0	0.0	0.0	0.0	0.52	1.3	3.0	283	362	1.2
23	7.5	0.0	0.0	0.0	0.0	0.0	0.88	1.9	2.9	359	315	1.2
24	7.6	0.0	0.0	0.0	0.0	0.0	0.60	1.7	2.3	462	296	1.9
25	7.5	0.0	0.0	0.0	0.0	0.0	0.46	1.4	2.2	654	279	0.97
26	7.8	0.0	0.0	0.0	0.0	0.0	0.60	2.0	3.3	947	233	0.54
27	7.7	0.0	0.0	0.0	0.0	0.0	0.76	3.2	1.4	1130	267	1.5
28	7.7	0.0	0.0	0.0	0.0	0.0	0.62	2.3	1.3	1070	362	1.0
29	8.4	0.0	0.0	0.0	---	0.0	0.66	3.2	0.79	991	362	1.2
30	8.9	0.0	0.0	0.0	---	0.0	1.2	2.3	2.9	1100	359	0.48
31	8.1	---	0.0	0.0	---	0.0	---	3.7	---	852	359	---
TOTAL	767.7	43.7	0.0	0.0	0.0	0.0	41.10	48.27	468.99	11485.60	10803	5463.99
MEAN	24.8	1.46	0.0	0.0	0.0	0.0	1.37	1.56	15.6	371	348	182
AC-FT	1520	87	0.0	0.0	0.0	0.0	82	96	930	22780	21430	10840
MAX	77	4.4	0.0	0.0	0.0	0.0	4.7	4.4	105	1130	591	405
MIN	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.41	0.79	0.20	233	0.48

CAL YR 1994 TOTAL 39851.3 MEAN 109 MAX 693 MIN 0.00 AC-FT 79050  
WTR YR 1995 TOTAL 29122.35 MEAN 79.8 MAX 1130 MIN 0.00 AC-FT 57760

MAX DISCH 1179 CFS AT 0900 28-JUL-1995 GH 5.37 FT. SHIFT 0.00 FT. MAX GH 5.37 FT. AT 0900 28-JUL-1995



PLATTE RIVER BASIN

HANSEN SUPPLY CANAL TO POUDDRE VALLEY CANAL NEAR FT. COLLINS, CO

LOCATION.--Lat 40°39'31", long 105°12'36", NE¼SE¼ sec. 15, T.8 N., R.70 W., Larimer County.

DRAINAGE AREA.--N/A

GAGE.--Graphic A-35 water-stage recorder at 12' Parshall Flume.

REMARKS.--Station maintained by NCWCD. Record developed by George Sievers.

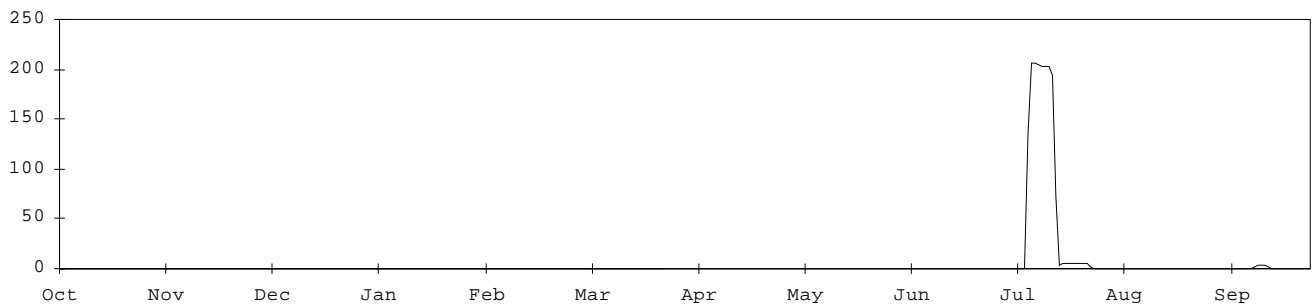
RATING TABLE.--HSCPVD002 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	135	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	206	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	206	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	204	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	203	0.0	2.5
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	202	0.0	4.3
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	202	0.0	4.3
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	194	0.0	4.3
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73	0.0	2.2
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1671.8	0.0	17.6
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.9	0.0	0.59
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3320	0.0	35
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	206	0.0	4.3
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CAL YR 1994 TOTAL 612.69 MEAN 1.68 MAX 246 MIN 0.00 AC-FT 1220  
WTR YR 1995 TOTAL 1689.4 MEAN 4.63 MAX 206 MIN 0.00 AC-FT 3350

MAX DISCH 220 CFS AT 0915 13-JUL-1995 GH 2.63 FT. SHIFT 0.00 FT. MAX GH 2.63 FT. AT 0915 13-JUL-1995





PLATTE RIVER BASIN

LITTLE THOMPSON RIVER @ CANYON MOUTH NEAR BERTHOUD, CO

LOCATION.--

DRAINAGE AREA.--

GAGE.--Graphic water stage recorder in a 42" metal well. The drop tape is the primary reference. The graphic chart is the primary record.

REMARKS.--Record is complete and reliable except for the following periods: Nov. 22-30; Dec. 1-31, 1994; Jan. 1-Mar. 1, 1995 when the station was closed. Record is good. Station maintained and records developed by Merlin Friedrichsen.

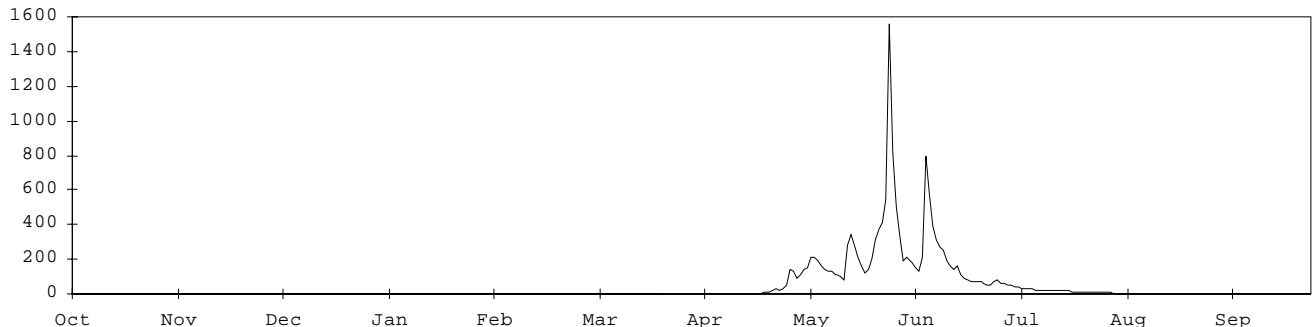
RATING TABLE.--LTCANYCO10 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.41	0.46	---	---	---	0.0	0.36	132	334	63	5.8	2.6
2	0.43	0.41	---	---	---	0.0	0.37	86	190	59	5.1	2.6
3	0.43	0.43	---	---	---	0.0	0.38	115	212	52	4.4	2.5
4	0.43	0.44	---	---	---	0.0	0.38	141	193	48	4.3	2.3
5	0.43	0.43	---	---	---	0.0	0.38	151	180	43	4.2	2.1
6	0.44	0.43	---	---	---	0.0	0.38	209	154	37	3.7	2.0
7	0.43	0.41	---	---	---	0.0	0.40	212	133	34	3.3	1.9
8	0.43	0.43	---	---	---	0.0	0.41	189	209	31	2.9	1.7
9	0.43	0.43	---	---	---	0.0	0.41	161	791	28	2.7	1.6
10	0.43	0.41	---	---	---	0.0	0.46	139	569	26	2.8	1.5
11	0.41	0.40	---	---	---	0.0	0.47	131	392	23	2.6	1.4
12	0.43	0.38	---	---	---	0.0	0.49	126	312	20	2.6	1.3
13	0.43	0.40	---	---	---	0.0	0.51	114	274	19	2.5	1.2
14	0.44	0.43	---	---	---	0.0	0.51	113	252	20	2.4	1.2
15	0.47	0.40	---	---	---	0.0	0.57	97	193	22	2.3	1.1
16	0.49	0.40	---	---	---	0.0	0.61	83	160	19	2.3	1.1
17	0.50	0.40	---	---	---	0.0	0.77	283	145	18	2.2	1.0
18	0.49	0.40	---	---	---	0.0	0.80	343	158	16	2.2	0.95
19	0.47	0.40	---	---	---	0.0	0.93	283	106	17	2.2	0.91
20	0.46	0.40	---	---	---	0.0	1.9	214	94	20	2.1	0.94
21	0.46	0.40	---	---	---	0.0	2.6	166	83	16	2.1	2.3
22	0.46	0.40	---	---	---	0.0	6.1	124	75	13	2.0	2.2
23	0.46	---	---	---	---	0.0	7.4	142	68	12	1.9	1.9
24	0.46	---	---	---	---	0.30	8.3	199	68	11	1.8	1.7
25	0.44	---	---	---	---	0.32	16	316	67	9.6	1.7	1.6
26	0.43	---	---	---	---	0.33	26	376	61	8.3	1.6	2.0
27	0.43	---	---	---	---	0.33	24	408	53	7.5	1.5	2.1
28	0.41	---	---	---	---	0.33	28	544	52	6.8	1.4	2.0
29	0.41	---	---	---	---	0.35	50	1560	70	6.1	1.4	2.1
30	0.43	---	---	---	---	0.36	144	812	77	5.7	2.1	2.1
31	0.43	---	---	---	---	0.36	---	502	---	5.8	2.7	---
TOTAL	13.60					2.68	323.88	8471	5725	716.8	82.8	51.91
MEAN	0.44					0.09	10.8	273	191	23.1	2.67	1.73
AC-FT	27					5.3	642	16800	11360	1420	164	103
MAX	0.50					0.36	144	1560	791	63	5.8	2.6
MIN	0.41					0.0	0.36	83	52	5.7	1.4	0.91

CAL YR 1994 TOTAL MEAN MAX MIN AC-FT 1220  
WTR YR 1995 TOTAL 15387.66 MEAN 42.2 MAX 1560 MIN 0.00 AC-FT 30520

MAX DISCH 2870 CFS AT 1900 29-MAY-1995 GH 6.63 FT. SHIFT 0.08 FT. MAX GH 6.63 FT. AT 1900 29-MAY-1995



PLATTE RIVER BASIN

06744000 BIG THOMPSON RIVER AT MOUTH NEAR LA SALLE, CO

LOCATION.--Lat 40°21'00", long 104°47'04".

DRAINAGE AREA.--N/A

GAGE.--Graphic A-35 water-stage recorder with satellite telemetry.

REMARKS.--The DCP is the primary source of record. Record is complete and reliable. The stage-discharge relation was affected by ice on Jan. 1-4, 1995. Record good, except for the high spring runoff period and the days of winter period, which are fair. Station maintained and records developed by Merlin E. Friedrichsen.

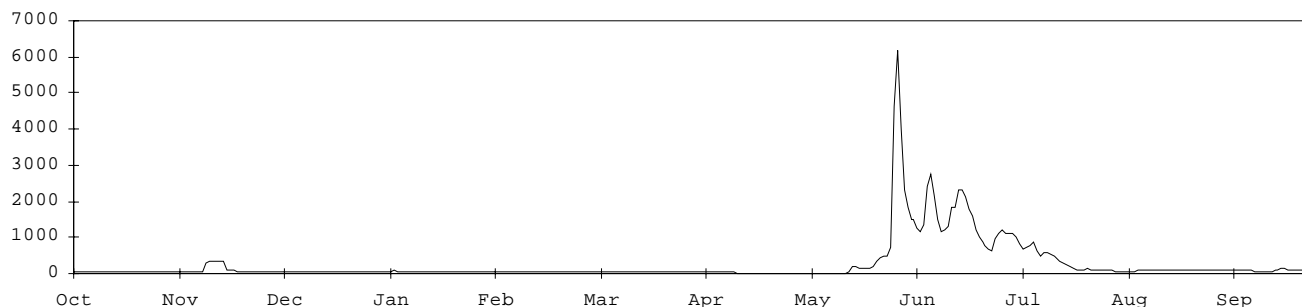
RATING TABLE.--BIGLASCO23 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57	51	49	58	50	43	40	18	3990	1220	116	102
2	64	49	56	55	49	43	39	17	2330	1110	93	98
3	60	51	54	73	47	44	38	17	1850	1090	70	95
4	59	57	54	52	47	44	38	17	1490	1090	59	89
5	62	56	54	62	47	42	39	16	1480	1010	61	91
6	65	54	54	66	47	45	38	14	1270	803	58	99
7	55	52	55	55	45	47	38	13	1170	700	55	104
8	52	56	55	59	48	44	37	13	1330	727	62	112
9	54	284	54	58	47	45	32	13	2400	763	62	115
10	53	330	55	58	46	44	35	13	2770	846	73	110
11	53	339	54	53	44	43	38	12	2160	643	96	112
12	54	348	56	53	41	42	34	7.2	1510	463	105	93
13	52	350	53	51	52	40	30	7.3	1170	601	101	68
14	52	342	54	50	47	41	14	7.1	1230	558	99	51
15	57	109	53	52	49	40	8.1	5.5	1300	543	112	45
16	60	80	52	52	46	41	9.0	3.6	1830	479	110	46
17	58	74	51	49	48	40	12	29	1830	395	103	48
18	64	69	51	48	51	40	16	212	2320	315	94	47
19	60	67	51	48	53	40	10	193	2330	284	91	80
20	58	64	51	48	52	39	11	165	2110	253	96	95
21	55	63	51	48	50	40	9.2	128	1770	188	100	143
22	53	62	51	47	50	40	7.5	136	1610	157	107	131
23	55	60	50	46	49	39	10	135	1190	96	103	109
24	54	60	50	47	47	38	10	209	1020	75	102	104
25	57	60	51	46	46	38	8.6	336	877	81	102	99
26	54	60	50	47	45	37	9.7	453	772	123	105	93
27	54	58	51	50	45	36	7.7	494	666	83	93	100
28	54	58	50	50	45	37	3.8	482	620	98	93	104
29	53	56	45	50	---	37	6.9	720	943	100	100	105
30	52	53	51	50	---	38	14	4640	1120	81	92	108
31	51	---	50	50	---	39	---	6170	---	97	94	---
TOTAL	1741	3472	1616	1631	1333	1266	643.5	14695.7	48458	15072	2807	2796
MEAN	56.2	116	52.1	52.6	47.6	40.8	21.5	474	1615	486	90.5	93.2
AC-FT	3450	6890	3210	3240	2640	2510	1280	29150	96120	29900	5570	5550
MAX	65	350	56	73	53	47	40	6170	3990	1220	116	143
MIN	51	49	45	46	41	36	3.8	3.6	620	75	55	45

CAL YR 1994 TOTAL 23620.3 MEAN 64.7 MAX 444 MIN 7.9 AC-FT 46850  
WTR YR 1995 TOTAL 95531.2 MEAN 262 MAX 6170 MIN 3.6 AC-FT 189500

MAX DISCH 6706 CFS AT 0700 31-MAY-1995 GH 9.47 FT. SHIFT 0.20 FT. MAX GH 9.47 FT. AT 0700 31-MAY-1995



PLATTE RIVER BASIN

MUNROE CANAL NEAR FORT COLLINS, CO

LOCATION.--Lat 40°42'31", long 105°15'16"; Munroe Canal diverts water from the Cache La Poudre River in SW¼NE¼ sec. 5, T. 8 N., R.70 W., in Larimer County.

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage A-35 recorder at 10' Parshall flume.

REMARKS.--Record is complete and reliable. Water was run Jun. 5-Sep. 28, 1995. Station maintained and records developed by George E. Sievers.

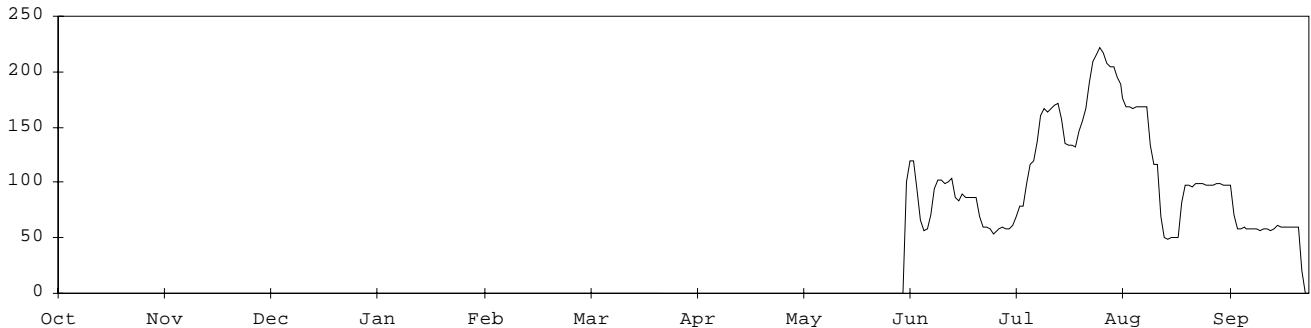
RATING TABLE.--MUNCANCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56	217	97
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58	208	98
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59	204	99
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58	204	99
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	58	195	98
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	119	61	189	98
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120	69	176	98
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95	78	169	71
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66	79	168	58
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57	99	167	58
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58	116	168	59
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71	120	169	58
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	94	137	168	58
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102	160	169	58
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102	167	133	58
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99	164	117	57
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	167	116	58
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	104	170	69	58
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87	171	50	57
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84	157	49	58
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89	136	50	61
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87	133	50	60
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86	133	51	59
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87	132	81	60
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87	146	98	60
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69	156	97	60
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59	167	96	60
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60	190	99	20
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	58	209	99	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	53	216	99	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	221	98	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2193	4043	4023	1893
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.1	130	130	63.1
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4350	8020	7980	3750
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120	221	217	99
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56	49	0.0

CAL YR 1994 TOTAL 16746 MEAN 45.9 MAX 220 MIN 0.00 AC-FT 33220  
WTR YR 1995 TOTAL 12152 MEAN 33.3 MAX 221 MIN 0.00 AC-FT 24100

MAX DISCH 228 CFS AT 0815 31-JUL-1995 GH 3.00 FT. SHIFT 0.00 FT. MAX GH 3.00 FT. AT 0815 31-JUL-1995



PLATTE RIVER BASIN

06752000 CACHE LA POUVRE RIVER AT MOUTH OF CANYON, NEAR FORT COLLINS, CO

**LOCATION.**--Lat 40°39'52", long 105°13'26", in NW¼ sec. 15, T.8 N., R.70 W., Larimer County, Hydrologic Unit 10190007, on left bank at mouth of canyon, 0.5 mi downstream from headgate of Poudre Valley Canal, 1.2 mi upstream from Lewistone Creek, and 9.3 mi northwest of courthouse in Fort Collins.

**DRAINAGE AREA.**--1,056 mi<sup>2</sup>.

**GAGE.**--F-type water-stage recorder and satellite monitoring in timber shelter and well with supplemental outside chain gage.

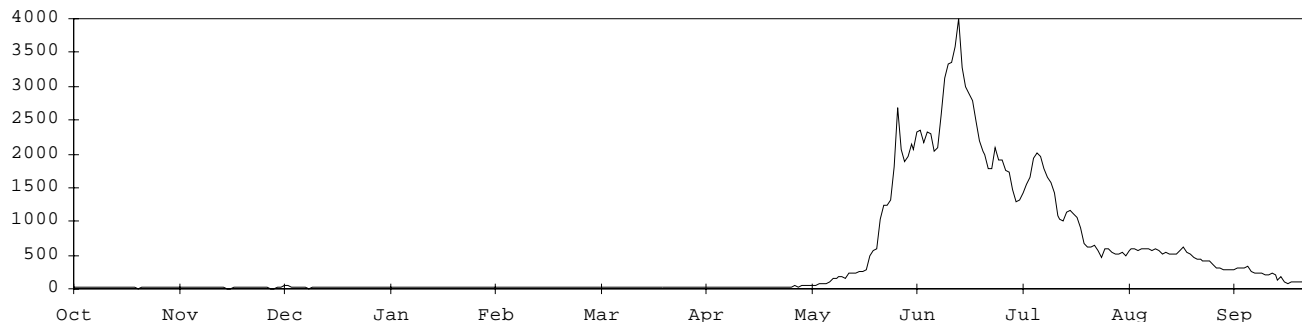
**REMARKS.**--Record is complete and reliable except for Nov. 17; Feb. 6-10; Mar. 1-3; which were ice affected. The floats were frozen in place Feb. 11-21. The station was closed on Nov. 18, 1994 and opened again on Feb. 5, 1995. The DCP is the primary source of record. Chart values were used Oct. 30; Nov. 14-17, 1994; Feb. 6-10; Mar. 5-7; Apr. 2, 1995. The period of Apr. 13-18 was estimated just like the winter period. Record good, except for periods of no gage-height and ice effect, which is fair. Station maintained and records developed by George Sievers.

**RATING TABLE.**--CLAFTCCO09 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	21	28	22	23	25	30	43	2060	1920	585	359
2	27	17	60	21	24	20	27	37	1880	1750	542	313
3	28	22	62	22	24	21	31	44	1960	1730	526	307
4	33	23	36	21	29	38	30	49	2150	1470	508	290
5	27	13	22	22	26	30	34	43	2060	1280	546	276
6	23	25	31	20	23	38	35	49	2330	1320	499	290
7	31	30	23	23	23	26	36	57	2340	1420	571	279
8	28	32	25	23	24	28	36	70	2160	1550	583	310
9	24	25	12	19	23	28	33	70	2330	1640	581	313
10	21	15	15	24	24	29	34	68	2300	1930	572	302
11	21	18	24	31	21	30	22	111	2040	2010	592	325
12	21	22	24	26	18	29	20	161	2100	1970	604	267
13	21	28	31	24	20	25	21	167	2590	1790	582	231
14	18	21	35	22	23	21	21	168	3110	1660	555	224
15	18	6.8	34	23	27	22	22	176	3330	1580	586	224
16	18	6.0	37	30	31	24	22	153	3360	1430	556	214
17	26	15	32	26	28	27	25	220	3590	1090	523	219
18	27	18	21	22	27	26	30	240	4000	1020	545	240
19	19	23	21	21	26	25	27	234	3280	1010	518	198
20	12	28	22	21	26	26	26	251	2990	1140	506	128
21	15	34	22	18	27	20	26	269	2890	1170	515	171
22	13	36	22	19	33	21	29	278	2800	1120	569	96
23	17	21	19	18	22	25	24	493	2480	1060	610	90
24	21	13	21	18	27	21	26	558	2200	905	538	104
25	17	23	22	20	32	30	24	602	2040	669	509	97
26	18	37	22	22	34	34	29	1040	2000	629	456	93
27	17	29	23	26	37	36	28	1250	1790	622	434	92
28	18	10	23	24	29	23	22	1230	1780	636	437	118
29	22	11	22	23	---	34	20	1310	2090	564	423	93
30	24	15	26	24	---	16	35	1810	1910	471	415	91
31	28	---	22	21	---	24	---	2690	---	590	410	---
TOTAL	673	637.8	839	696	731	822	825	13941	73940	39146	16396	6354
MEAN	21.7	21.3	27.1	22.5	26.1	26.5	27.5	450	2465	1263	529	212
AC-FT	1330	1270	1660	1380	1450	1630	1640	27650	146700	77650	32520	12600
MAX	33	37	62	31	37	38	36	2690	4000	2010	610	359
MIN	12	6.0	12	18	18	16	20	37	1780	471	410	90
CAL YR 1994 TOTAL	75883.8		MEAN	208	MAX	1590	MIN	6.0	AC-FT	150500		
WTR YR 1995 TOTAL	155000.8		MEAN	425	MAX	4000	MIN	6.0	AC-FT	307400		

MAX DISCH 4732 CFS AT 0900 18-JUN-1995 GH 7.03 FT. SHIFT -0.41 FT. MAX GH 7.03 FT. AT 0900 18-JUN-1995



PLATTE RIVER BASIN

06752500 CACHE LA POUFRE RIVER NEAR GREELEY, CO

**LOCATION.**--Lat 40°25'04", long 104°39'22", in NW¼ sec. 11, T.5 N., R.65 W., Weld County, Hydrologic Unit 10190007, on right bank 25 ft downstream from highway bridge, 2.9 mi east of courthouse in Greeley, and 3.0 mi upstream from mouth.

**DRAINAGE AREA.**--1,877 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry. Elevation of gage is 4,610 ft above National Geodetic Vertical Datum of 1929, from topographic map. See WSP 1710 or 1730 for history of changes prior to Dec. 14, 1933.

**REMARKS.**--Record is complete and reliable, except for Mar. 23-27; Jul.5; Aug. 13-14, 26-28 when the intakes were plugged. The DCP is the primary source of record. The chart was used Oct. 30, 1994 and Apr. 2, 1995. Record good except for periods of plugged inlets when the record is fair. Station maintained and records developed by George Sievers.

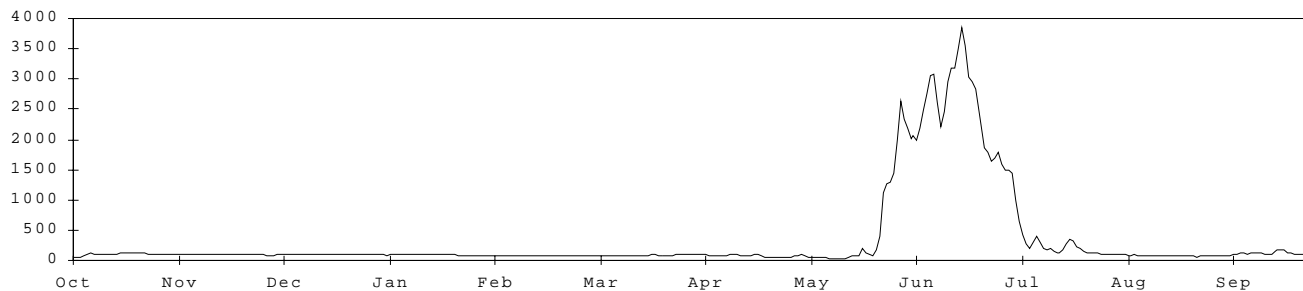
**RATING TABLE.**--CLAGRECO25 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39	96	89	83	85	77	95	78	2630	1590	111	79
2	39	96	89	91	84	77	87	82	2340	1490	106	77
3	47	99	88	93	79	78	90	88	2180	1500	108	74
4	66	103	92	89	77	78	90	75	2010	1450	105	72
5	97	97	96	90	77	78	87	54	2060	1000	103	80
6	127	94	95	92	80	79	79	54	1990	643	87	82
7	106	94	95	93	77	78	79	51	2190	428	75	89
8	104	97	94	92	77	77	76	48	2480	285	73	102
9	101	95	93	93	77	78	71	43	2770	200	93	116
10	100	96	93	94	75	79	74	47	3050	310	85	124
11	100	96	92	96	75	78	78	33	3090	391	79	98
12	105	96	92	96	72	78	89	30	2610	297	71	113
13	106	90	93	94	71	78	90	28	2220	190	66	124
14	108	92	93	92	71	79	90	25	2470	172	66	119
15	123	94	91	91	70	80	81	22	2950	190	78	116
16	114	94	92	91	71	81	73	19	3180	157	76	110
17	132	93	93	89	72	81	74	38	3190	136	74	104
18	132	94	92	90	73	81	83	66	3510	129	77	108
19	124	94	93	88	74	81	90	68	3850	166	73	156
20	114	90	91	89	74	87	91	85	3550	267	66	170
21	119	92	93	87	75	89	68	187	3030	339	65	166
22	115	94	94	85	76	81	48	120	2950	332	73	162
23	108	92	93	85	76	80	47	94	2820	219	72	130
24	105	89	93	85	77	80	43	86	2450	195	72	114
25	101	91	91	84	78	80	46	181	2050	155	71	108
26	103	91	91	83	77	78	49	388	1870	134	64	108
27	106	86	93	82	77	90	47	1120	1780	131	62	102
28	107	86	92	80	77	94	49	1270	1640	118	73	102
29	97	84	92	79	---	95	48	1290	1700	113	73	139
30	99	91	94	78	---	95	62	1440	1780	99	72	146
31	96	---	94	84	---	94	---	1990	---	97	74	---
TOTAL	3140	2796	2866	2738	2124	2539	2174	9200	76390	12923	2443	3390
MEAN	101	93.2	92.5	88.3	75.9	81.9	72.5	297	2546	417	78.8	113
AC-FT	6230	5550	5680	5430	4210	5040	4310	18250	151500	25630	4850	6720
MAX	132	103	96	96	85	95	95	1990	3850	1590	111	170
MIN	39	84	88	78	70	77	43	19	1640	97	62	72

CAL YR 1994 TOTAL 32215.4 MEAN 88.3 MAX 453 MIN 7.4 AC-FT 63900  
WTR YR 1995 TOTAL 122723 MEAN 336 MAX 3850 MIN 19 AC-FT 243400

MAX DISCH 4046 CFS AT 1030 19-JUN-1995 GH 8.30 FT. SHIFT 0.34 FT. MAX GH 8.30 FT. AT 1030 19-JUN-1995



PLATTE RIVER BASIN

06754000 SOUTH PLATTE RIVER NEAR KERSEY, CO

**LOCATION.**--Lat 40°24'44", long 104°33'46", in NW¼SW¼ sec. 9, T.5 N., R.64 W., Weld County, Hydrologic Unit 10190003, on downstream side of bridge on State Highway 37, 1.9 mi north of railroad in Kersey, and 2.5 mi downstream from Cache la Poudre River.

**DRAINAGE AREA.**--9,598 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry and shaft encoder activated by a manometer in a concrete shelter with an outside wire weight for reference.

**REMARKS.**--The DCP is the primary record. Chart values were used Oct. 30; Dec. 10-12, 1994; Jan. 2-3; Feb. 6-7; Apr. 2; June 10, 1995. Record is complete and reliable, except for Apr. 25-26, 1995 when the manometer was isolated. Record is fair, because of frequent datum corrections. Station maintained and records developed by George Sievers.

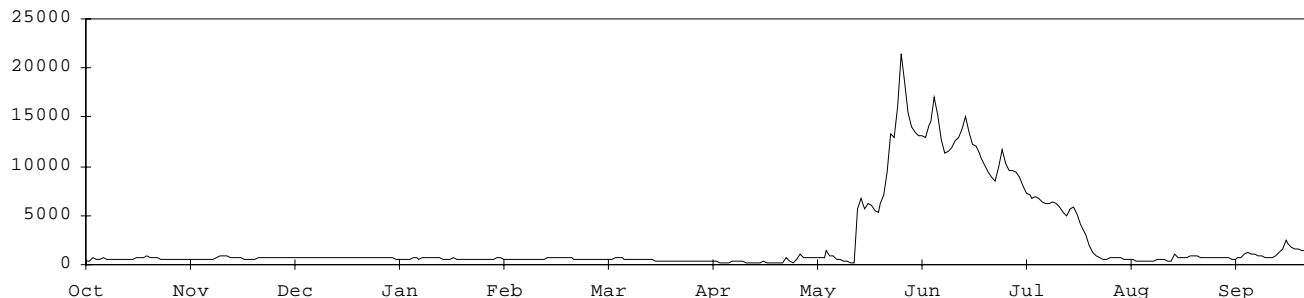
**RATING TABLE.**--PLAKERCO21 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	384	573	678	594	628	575	372	1010	18600	10200	705	795
2	418	550	667	551	610	595	340	797	15400	9550	757	797
3	704	540	666	614	595	591	356	686	14000	9520	683	730
4	597	551	691	611	590	595	349	696	13500	9310	622	677
5	576	572	709	583	582	590	335	660	13200	8880	564	664
6	636	534	708	632	587	608	303	655	13200	7900	519	610
7	607	523	710	631	597	641	248	710	12900	7320	481	604
8	610	515	707	615	587	658	241	783	14200	7110	461	677
9	592	672	692	645	580	628	225	1480	14600	6790	429	773
10	583	837	688	661	596	610	221	962	17100	7000	382	991
11	582	830	665	676	585	580	338	825	15200	6750	400	1180
12	589	825	672	652	578	496	428	586	12800	6390	425	1120
13	574	795	684	635	559	459	337	505	11300	6200	422	1090
14	573	787	685	622	585	458	274	381	11600	6200	417	908
15	610	693	678	609	640	463	233	315	11900	6430	481	805
16	639	691	662	615	775	468	198	253	12600	6120	501	772
17	652	604	665	620	689	456	188	262	12900	5860	453	702
18	753	551	648	621	695	447	220	5750	13900	5240	415	688
19	852	539	649	608	665	437	247	6810	15000	5030	399	864
20	722	549	656	608	643	440	306	5670	13400	5700	1030	1180
21	642	637	671	613	641	442	235	6260	12200	5900	745	1670
22	621	717	685	592	632	416	168	5960	12100	5160	713	2530
23	606	715	673	578	606	403	164	5530	11300	4150	793	2130
24	584	706	676	604	599	397	157	5270	10800	3770	781	1840
25	574	717	662	609	582	372	149	6170	10100	2970	807	1610
26	593	713	648	603	566	363	232	7060	9330	1920	849	1540
27	605	701	632	601	555	362	764	9390	8860	1250	808	1440
28	611	691	648	588	576	358	437	13300	8470	910	776	1340
29	576	680	655	587	---	360	243	13000	9900	711	778	1320
30	567	695	666	610	---	378	568	16100	11700	601	755	1410
31	547	---	679	638	---	374	---	21500	---	616	755	---
TOTAL	18779	19703	20875	19026	17123	15020	8876	139336	382060	171458	19106	33457
MEAN	606	657	673	614	612	485	296	4495	12735	5531	616	1115
AC-FT	37250	39080	41410	37740	33960	29790	17610	276400	757800	340100	37900	66360
MAX	852	837	710	676	775	658	764	21500	18600	10200	1030	2530
MIN	384	515	632	551	555	358	149	253	8470	601	382	604

CAL YR 1994 TOTAL 212761 MEAN 583 MAX 1740 MIN 137 AC-FT 422000  
WTR YR 1995 TOTAL 864819 MEAN 2369 MAX 21500 MIN 149 AC-FT 1715000

MAX DISCH 22865 CFS AT 1515 31-MAY-1995 GH 11.00 FT. SHIFT 0.45 FT. MAX GH 11.00 FT. AT 1515 31-MAY-1995



PLATTE RIVER BASIN

06758500 SOUTH PLATTE RIVER NEAR WELDONA, CO

**LOCATION.**--Lat 40°19'16", long 103°55'10", in SW¼SW¼ sec. 7, T.4 N., R.58 W., Morgan County, Hydrologic Unit 10190003, on left bank 875 ft downstream from bridge on State Highway 144, 2.8 mi southeast of Weldona, and 4.2 mi upstream from Bijou Creek.

**DRAINAGE AREA.**--13,245 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder with satellite monitoring in metal pipe shelter and well. A new station was installed and operation began on May 2, 1991.

**REMARKS.**--Record is complete and reliable. The DCP is the primary source of record. The chart was used October 30, 1994; Jan. 10-11; Apr. 2; May 29-30; June 1, 20, 1995. Record is complete and reliable except for the period May 19 to July 26 when no measurements could be made because the cableway a-frame on the south side is no longer safe. Station maintained and records developed by George Sievers.

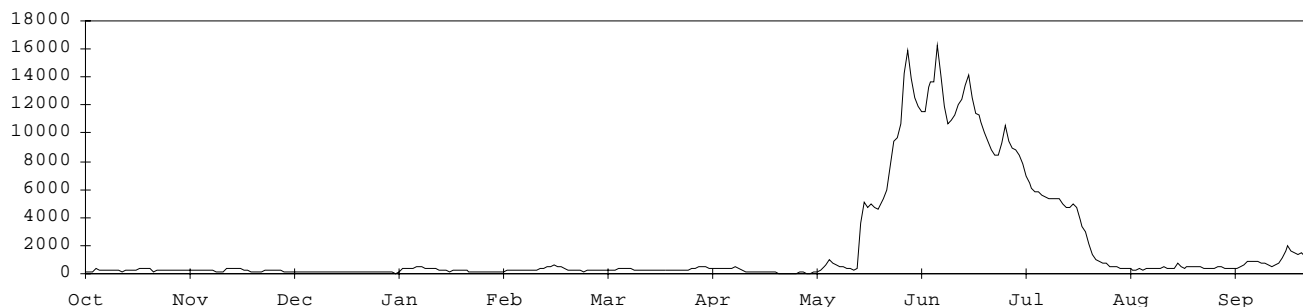
**RATING TABLE.**--PLAWELCO16 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	136	269	172	35	160	259	451	70	14300	10600	530	411
2	163	292	172	86	182	266	444	65	15900	9400	446	439
3	157	290	155	314	218	265	455	61	13900	8930	435	457
4	324	286	146	379	200	269	426	46	12500	8870	401	412
5	253	283	150	373	195	296	415	74	11900	8500	361	367
6	249	284	154	402	192	301	414	174	11600	7800	335	349
7	234	266	149	507	190	304	392	194	11600	6930	321	315
8	215	251	150	527	191	315	354	438	13300	6400	305	361
9	215	144	152	480	188	329	352	613	13700	6030	307	459
10	204	128	151	422	187	319	385	1000	13600	5850	328	595
11	194	167	152	409	190	324	396	742	16300	5870	306	855
12	184	330	149	404	247	317	443	623	14200	5600	320	873
13	196	355	134	363	313	296	329	516	11900	5470	361	810
14	250	355	124	293	425	275	225	486	10700	5300	409	813
15	271	356	106	220	465	265	186	434	10900	5340	409	722
16	299	316	100	191	523	287	174	358	11300	5340	431	709
17	344	277	96	173	605	292	145	310	12000	5290	450	586
18	366	217	95	206	511	283	103	317	12400	4990	421	531
19	399	179	94	199	450	260	103	3650	13400	4720	389	565
20	340	149	88	197	334	247	163	5110	14100	4720	405	768
21	182	138	87	188	239	240	165	4660	12500	4980	787	1170
22	222	147	85	189	210	229	105	5000	11400	4740	546	1640
23	257	199	81	179	210	223	83	4760	11300	3900	432	1960
24	248	206	83	168	199	220	68	4590	10800	3300	470	1660
25	235	200	81	174	188	212	59	4800	10100	2930	466	1510
26	256	203	80	168	182	209	57	5340	9390	2170	454	1380
27	268	200	79	169	188	188	52	5900	8810	1390	494	1440
28	281	191	77	166	216	206	39	7660	8480	1050	458	1240
29	284	173	74	148	---	288	44	9480	8420	872	427	1100
30	288	168	77	142	---	402	59	9650	9280	767	416	1200
31	258	---	78	145	---	433	---	10700	---	699	400	---
TOTAL	7772	7019	3571	8016	7598	8619	7086	87821	359980	158748	13020	25697
MEAN	251	234	115	259	271	278	236	2833	11999	5121	420	857
AC-FT	15420	13920	7080	15900	15070	17100	14060	174200	714000	314900	25830	50970
MAX	399	356	172	527	605	433	455	10700	16300	10600	787	1960
MIN	136	128	74	35	160	188	39	46	8420	699	305	315

CAL YR 1994 TOTAL 126629 MEAN 347 MAX 862 MIN 70 AC-FT 251200  
WTR YR 1995 TOTAL 694947 MEAN 1904 MAX 16300 MIN 35 AC-FT 1378000

MAX DISCH 18096 CFS AT 1815 11-JUN-1995 GH 9.95 FT. SHIFT 0.27 FT. MAX GH 9.95 FT. AT 1815 11-JUN-1995



PLATTE RIVER BASIN

06759910 SOUTH PLATTE RIVER AT BALZAC, CO

**LOCATION.**--Lat 40°21'23", long 103°31'39", in SW¼NE¼ sec. 33, T.5 N., R.55 W., Morgan County, Hydrologic Unit 10190012, on bank 4.3 mi northeast of Snyder, and .7 mi downstream from North Sterling Canal.

**DRAINAGE AREA.**--16,852 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage A-35 recorder with satellite telemetry in a concrete shelter and well.

**REMARKS.**--The DCP is the primary source of record. The chart was used Oct. 30, 1994; Mar. 6-7; Apr. 2, 22-23, 1995. Record is complete and reliable, except for the following periods: Oct. 13; Dec. 20, 1994; Jan. 11; Mar. 2-3, 31; Apr. 14, 24; May 8, 20, 1995 when the inlets were plugged. Record good for period of good record, and fair for the estimated periods of plugged inlets. Station maintained and records developed by George E. Sievers.

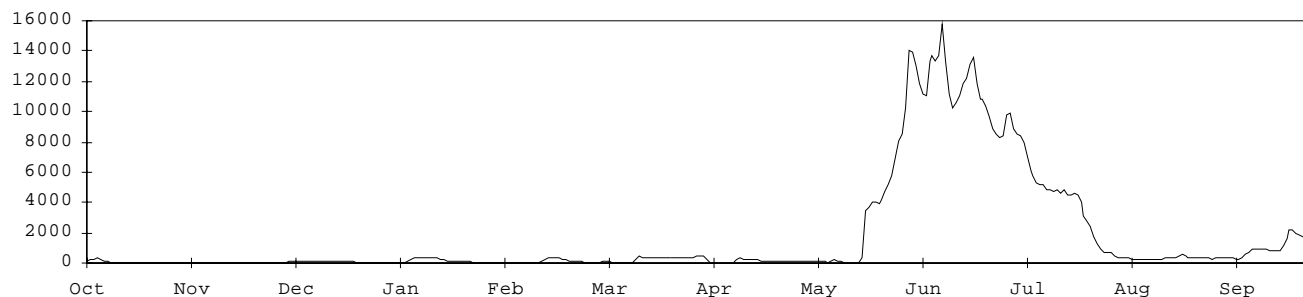
**RATING TABLE.**--PLABALCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	165	14	119	5.0	13	35	461	72	10200	9740	668	288
2	221	20	123	7.3	14	50	460	75	14100	9870	439	323
3	204	20	123	36	15	150	236	72	13900	8830	361	372
4	300	19	115	81	14	166	52	68	13000	8520	350	392
5	235	19	108	270	13	109	40	62	11800	8440	312	343
6	91	18	99	293	13	36	30	65	11200	7910	291	300
7	59	18	92	299	13	32	27	101	11100	7020	273	273
8	50	18	89	321	15	35	23	59	13300	6150	245	276
9	44	18	91	341	18	38	24	56	13700	5700	241	375
10	40	17	87	353	15	28	28	97	13400	5290	240	542
11	37	17	87	326	15	24	34	185	13700	5220	238	724
12	30	19	92	313	17	24	192	97	15800	5130	232	959
13	22	26	91	299	97	277	317	73	13200	4890	230	895
14	19	22	85	277	261	404	206	31	11200	4870	259	923
15	18	23	84	184	378	379	198	21	10300	4730	271	898
16	18	24	86	137	338	374	182	19	10600	4790	268	870
17	21	21	86	126	360	389	176	17	11000	4630	289	843
18	23	19	78	111	374	383	185	15	11800	4820	323	773
19	22	19	65	110	280	357	160	333	12200	4470	290	757
20	24	19	24	100	176	348	148	3410	13100	4450	300	828
21	18	23	5.8	87	162	366	137	3720	13600	4590	426	1180
22	16	23	5.5	80	107	336	123	4080	11900	4540	552	1610
23	15	25	5.6	66	83	323	102	4030	10800	3990	432	2160
24	17	28	4.9	54	66	333	81	3950	10800	3070	376	2200
25	16	23	4.4	50	59	336	69	4120	10400	2800	379	2010
26	16	23	4.0	55	51	330	66	4700	9680	2410	353	1790
27	16	23	4.0	43	44	326	74	5220	8900	1690	371	1760
28	18	26	4.0	17	38	316	69	5730	8490	1210	389	1710
29	18	20	3.7	13	---	294	65	6900	8260	865	354	1530
30	17	78	4.1	13	---	353	73	8050	8360	724	323	1600
31	14	---	3.7	13	---	420	---	8510	---	720	287	---
TOTAL	1824	682	1873.7	4480.3	3049	7371	4038	63938	349790	152079	10362	29504
MEAN	58.8	22.7	60.4	145	109	238	135	2063	11660	4906	334	983
AC-FT	3620	1350	3720	8890	6050	14620	8010	126800	693800	301600	20550	58520
MAX	300	78	123	353	378	420	461	8510	15800	9870	668	2200
MIN	14	14	3.7	5.0	13	24	23	15	8260	720	230	273

CAL YR 1994 TOTAL 95384.7 MEAN 261 MAX 806 MIN 3.7 AC-FT 189200  
WTR YR 1995 TOTAL 628991.0 MEAN 1723 MAX 15800 MIN 3.7 AC-FT 1248000

MAX DISCH 16544 CFS AT 0615 12-JUN-1995 GH 9.43 FT. SHIFT 0.43 FT. MAX GH 9.43 FT. AT 0615 12-JUN-1995





PLATTE RIVER BASIN

06763990 SOUTH PLATTE RIVER AT JULESBURG, CO. CHANNEL NO 2 (INCLUDES FLOW FROM CHANNEL NO 1)

**LOCATION.**--Lat 40°58'37", long 102°14'52", in NE¼SE¼ sec. 33, T.12 N., R.44 W., Sedgwick County, on right bank of channel No 2 (right channel) 5 ft downstream from bridge on U.S. Highway 385, 0.9 mi southeast of Julesburg, 3.0 mi upstream from Colorado-Nebraska State line, and 8 mi downstream from Lodgepole Creek.

**DRAINAGE AREA.**--23,193 mi<sup>2</sup>.

**GAGE.**--Water-stage graphic recorder (manometer) with satellite telemetry. Datum of gage is 3,448.51 ft. above National Geodetic Vertical Datum of 1929. A wire weight gage is used on the bridge. A new gage utilizing a manometer was installed in 1988, located on U. S. Highway 385 bridge.

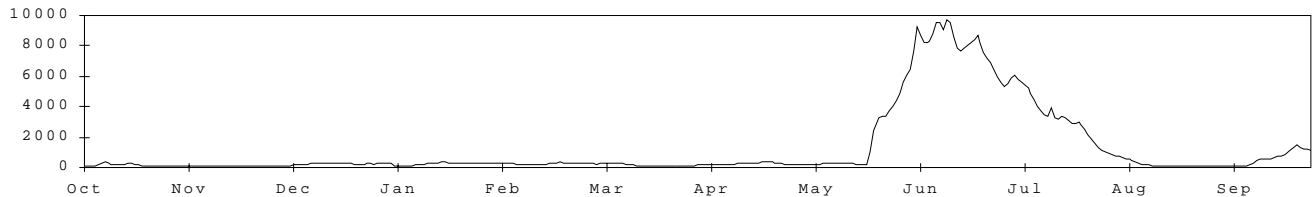
**REMARKS.**--Gage-height record is complete and reliable except for the following periods: Jan. 6-7, 1995 when manometer was erratic; May 29-31; Jun. 1-7; Jul. 14-17, 1995 when gage-heights were not representative of average for day due to manometer erratic response; Feb. 9-28; Mar. 1-8 when orifice was plugged. The stage-discharge relationship was affected by ice on Jan. 2-5, 8-20, 1995. Chart gage-heights used on Oct. 10,20,29; Nov. 1-7, 21, 23-25, 28-30; Dec. 1-9, 11, 18, 1994; Jan. 3-4, 8, 21-31; Feb. 11, 13-15, 21-28; Mar. 1-8, 17-19; Apr. 7-12, 15-30; May 1-3, 7, 29-31; Jun. 1-11; Jul. 14-17; Aug. 4, 7-28; Sep. 3-14, 20-30, 1995. Record is fair except for period of no gage-height record and ice-affected record which is poor. This record is part of combined flow with channel Nos. 3 and 4. Station maintained and records developed by Fred Renner.

**RATING TABLE.**--PLAJURCO16 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70	82	86	134	268	248	141	225	5630	5370	945	53
2	76	86	148	135	260	231	177	204	6100	5470	852	53
3	90	86	204	135	251	252	198	189	6490	5850	792	52
4	106	88	214	140	246	262	208	174	7690	6050	789	48
5	160	86	214	140	235	273	224	173	9230	5790	678	47
6	285	84	220	140	230	296	218	200	8690	5620	587	47
7	349	84	259	150	223	276	191	217	8250	5440	518	47
8	288	84	292	175	219	262	195	244	8240	5250	466	49
9	198	88	248	200	213	260	199	255	8320	4890	378	58
10	174	100	250	225	210	236	214	288	8760	4500	248	84
11	183	104	256	250	212	208	210	288	9560	4020	189	108
12	184	104	262	275	215	192	213	277	9520	3720	162	175
13	194	98	272	300	220	155	236	264	9070	3500	144	292
14	236	92	278	325	220	135	262	240	9750	3360	137	430
15	262	90	260	350	230	125	252	234	9540	3920	125	542
16	189	92	261	330	243	116	242	234	8580	3280	112	551
17	161	89	267	320	255	132	255	240	7880	3150	97	568
18	140	84	256	310	324	125	296	220	7700	3370	82	585
19	131	89	243	300	364	123	299	192	7820	3270	75	637
20	130	88	233	290	327	106	334	207	8060	3090	73	703
21	123	70	226	280	296	108	336	210	8230	2890	71	756
22	116	64	233	259	292	107	347	1010	8400	2870	66	818
23	107	76	233	242	276	99	343	2420	8730	2990	63	936
24	100	77	235	238	266	96	320	3000	8260	2850	60	1120
25	94	79	235	245	284	93	296	3270	7570	2560	58	1350
26	94	76	233	256	273	107	283	3320	7200	2150	59	1460
27	92	70	239	252	273	100	228	3410	6900	1880	57	1350
28	84	70	243	252	256	103	214	3780	6440	1570	55	1240
29	84	73	246	248	---	100	192	4060	5980	1310	49	1210
30	86	81	257	256	---	98	220	4380	5600	1110	48	1130
31	83	---	238	259	---	99	---	4900	---	1030	49	---
TOTAL	4669	2534	7341	7411	7181	5123	7343	38325	238190	112120	8084	16499
MEAN	151	84.5	237	239	256	165	245	1236	7940	3617	261	550
AC-FT	9260	5030	14560	14700	14240	10160	14560	76020	472400	222400	16030	32730
MAX	349	104	292	350	364	296	347	4900	9750	6050	945	1460
MIN	70	64	86	134	210	93	141	173	5600	1030	48	47

CAL YR 1994 TOTAL 87626.8 MEAN 240 MAX 1150 MIN 9.8 AC-FT 173800  
 WTR YR 1995 TOTAL 454820 MEAN 1246 MAX 9750 MIN 47 AC-FT 902100  
 MAX DISCH 10220 CFS AT 1900 14-JUN-1995 GH 9.47 FT. SHIFT 0.19 FT. MAX GH 9.47 FT. AT 1900 14-JUN-1995



PLATTE RIVER BASIN

06763980 SOUTH PLATTE RIVER AT JULESBURG, CO. CHANNEL NO 4 (INCLUDES FLOW FROM CHANNEL NO 3)

**LOCATION.**--Lat 40°58'46", long 102°15'15", in NW¼NE¼ sec. 33, T.12 N., R.44 W., Sedgwick County, Hydrologic Unit 10190018, on left bank of channel No 4 (left channel) 215 ft downstream from bridge on U.S. Highway 385, 0.9 mi southeast of Julesburg, 3.0 mi upstream from Colorado-Nebraska State line, and 8 mi downstream from Lodgepole Creek.

**DRAINAGE AREA.**--23,193 mi<sup>2</sup>.

**GAGE.**--Water-stage graphic recorder with satellite telemetry. Supplemental outside chain gage. DCP is primary record with chart as backup.

**REMARKS.**--Gage-height record is complete and reliable except for the following period: Nov. 19-25, 1994; Jan. 3-4, 1995 when clock stopped and DCP record was missing and had low values. The stage-discharge relationship was affected by ice on the following days: Jan. 5-8, 1995. Graphic chart record was used for the following periods: Nov. 26-30; Dec. 1-8, 1994; Mar. 11-16, 21-15, 28-31; Apr. 10-11, 25; May 7, 11-14; Jun. 15, 26, 30; Jul. 14-15, 26, 29; Aug. 9; Sep. 1, 22, 1995. Record is good, except for period of no gage-height record, ice affected record, and period of stage fluctuation which is fair. This record is part of combined flow with channel No. 1 and 2. Station maintained and records developed by Fred Renner.

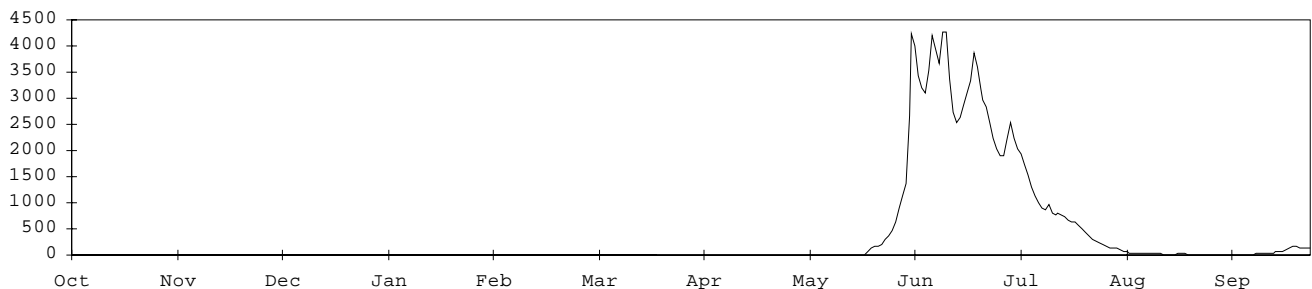
**RATING TABLE.**--PLAJULCO20 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.45	0.60	1.3	1.1	1.2	1.1	1.3	909	1900	168	12
2	0.01	0.45	0.60	1.2	1.3	1.2	1.0	1.2	1150	1910	144	13
3	0.0	0.45	0.75	1.2	1.4	1.3	1.1	1.3	1380	2240	130	13
4	0.85	0.45	0.75	1.2	1.4	1.2	0.99	1.2	2660	2520	120	10
5	0.31	0.45	0.90	1.2	1.2	1.2	0.90	1.1	4250	2250	97	9.4
6	2.3	0.30	1.4	1.0	1.4	1.2	0.95	1.2	3990	2050	79	11
7	1.0	0.15	1.5	1.2	1.4	1.3	0.85	1.3	3430	1920	55	12
8	0.83	0.30	1.5	1.6	1.4	1.0	1.3	4.4	3210	1730	42	12
9	0.61	0.30	1.5	1.8	1.5	1.1	1.2	1.3	3090	1520	30	7.8
10	0.43	0.30	1.2	1.8	1.5	1.1	1.0	1.3	3530	1310	22	5.4
11	0.41	0.30	1.1	1.8	1.9	1.0	1.2	1.4	4210	1140	23	6.6
12	0.38	0.30	0.98	1.9	1.4	0.90	1.4	1.4	3940	1010	21	5.7
13	0.46	0.30	0.94	1.8	1.3	0.90	1.1	1.4	3670	913	18	12
14	0.63	0.15	1.1	1.9	1.3	0.75	1.2	1.2	4270	852	19	25
15	1.0	0.15	1.1	2.5	1.2	0.75	1.2	1.4	4280	962	21	42
16	0.61	0.30	1.0	2.3	1.3	0.90	1.4	1.2	3380	809	23	47
17	0.56	0.30	1.0	2.0	1.4	1.8	1.7	1.3	2740	760	22	44
18	0.48	0.15	1.0	1.8	1.1	0.65	1.6	1.3	2530	802	16	44
19	0.41	0.15	1.2	8.0	1.2	0.58	1.5	1.3	2630	781	13	48
20	0.31	0.15	1.4	1.2	1.2	0.68	1.7	1.6	2860	734	13	64
21	0.30	0.15	1.4	0.99	1.2	0.60	1.4	1.4	3100	679	15	71
22	0.30	0.15	1.1	0.98	1.2	0.60	1.4	13	3320	649	17	79
23	0.30	0.15	0.90	1.0	1.2	0.60	1.3	69	3860	643	18	96
24	0.30	0.30	1.0	1.1	1.2	0.60	1.2	129	3590	578	18	128
25	0.30	0.30	1.0	1.0	1.2	0.60	1.2	170	3160	505	14	171
26	0.30	0.45	1.0	1.1	1.1	1.8	1.4	183	2960	422	9.4	182
27	0.32	0.60	1.1	1.2	1.2	1.1	1.6	216	2840	366	11	150
28	0.45	0.45	1.1	1.1	1.2	0.75	1.5	304	2540	308	15	129
29	0.46	0.45	1.1	1.0	---	0.75	1.4	373	2250	257	15	126
30	0.45	0.45	1.2	1.0	---	0.60	2.4	474	2030	222	13	118
31	0.43	---	1.1	1.0	---	0.60	---	643	---	192	13	---
TOTAL	15.48	9.30	33.52	50.16	36.4	29.31	39.19	2604.5	91759	32934	1234.4	1693.9
MEAN	0.50	0.31	1.08	1.62	1.30	0.95	1.31	84.0	3059	1062	39.8	56.5
AC-FT	31	18	66	1.00	72	58	78	5170	182000	65320	2450	3360
MAX	2.3	0.60	1.5	8.0	1.9	1.8	2.4	643	4280	2520	168	182
MIN	0.0	0.15	0.60	0.98	1.1	0.58	0.85	1.1	909	192	9.4	5.4

CAL YR 1994 TOTAL 2721.08 MEAN 7.46 MAX 111 MIN 0.00 AC-FT 5400  
WTR YR 1995 TOTAL 130439.16 MEAN 357 MAX 4280 MIN 0.00 AC-FT 258700

MAX DISCH 4652 CFS AT 1845 14-JUN-1995 GH 7.58 FT. SHIFT -0.54 FT. MAX GH 7.69 FT. AT 2115 05-JUN-1995



PLATTE RIVER BASIN

06764000 SOUTH PLATTE RIVER AT JULESBURG, CO (COMBINED)

LOCATION.--See Channel No.2 and Channel No.4.

DRAINAGE AREA.--23,193 mi<sup>2</sup>.

GAGE.--See Channel No.2 and Channel No. 4. Stations maintained by Fred Renner.

REMARKS.--Record obtained by combining data from Channel No. 2 and Channel No. 4. Records developed by Fred Renner.

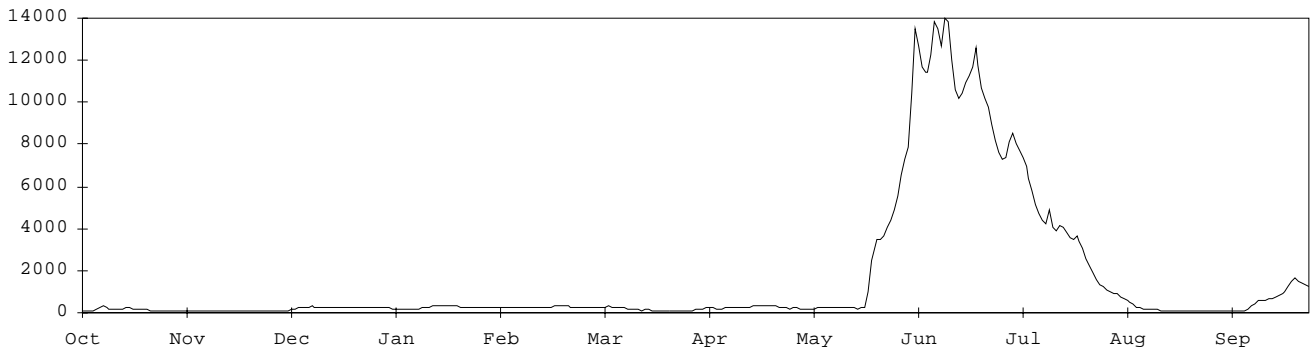
RATING TABLE.--USED FROM

TO

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70	82	87	135	269	249	142	226	6540	7270	1110	65
2	76	86	149	136	261	232	178	205	7250	7380	996	66
3	90	86	205	136	252	253	199	190	7870	8090	922	65
4	107	88	215	141	247	263	209	175	10400	8570	909	58
5	160	86	215	141	236	274	225	174	13500	8040	775	56
6	287	84	221	141	231	297	219	201	12700	7670	666	58
7	350	84	260	151	224	277	192	218	11700	7360	573	59
8	289	84	294	177	220	263	196	248	11400	6980	508	61
9	199	88	250	202	214	261	200	256	11400	6410	408	66
10	174	100	251	227	212	237	215	289	12300	5810	270	89
11	183	104	257	252	214	209	211	289	13800	5160	212	115
12	184	104	263	277	216	193	214	278	13500	4730	183	181
13	194	98	273	302	221	156	237	265	12700	4410	162	304
14	237	92	279	327	221	136	263	241	14000	4210	156	455
15	263	90	261	352	231	126	253	235	13800	4880	146	584
16	190	92	262	332	244	117	243	235	12000	4090	135	598
17	162	89	268	322	256	134	257	241	10600	3910	119	612
18	140	84	257	312	325	126	298	221	10200	4170	98	629
19	131	89	244	308	365	124	300	193	10400	4050	88	685
20	130	88	234	291	328	107	336	209	10900	3820	86	767
21	123	70	227	281	297	109	337	211	11300	3570	86	827
22	116	64	234	260	293	108	348	1020	11700	3520	83	897
23	107	76	234	243	277	100	344	2490	12600	3630	81	1030
24	100	77	236	239	267	97	321	3130	11800	3430	78	1250
25	94	79	236	246	285	94	297	3440	10700	3060	72	1520
26	94	76	234	257	274	109	284	3500	10200	2570	68	1640
27	92	71	240	253	274	101	230	3630	9740	2250	68	1500
28	84	70	244	253	257	104	216	4080	8980	1880	70	1370
29	84	73	247	249	---	101	193	4430	8230	1570	64	1340
30	86	81	258	257	---	99	222	4850	7630	1330	61	1250
31	83	---	239	260	---	100	---	5540	---	1220	62	---
TOTAL	4679	2535	7374	7460	7211	5156	7379	40910	329840	145040	9315	18197
MEAN	151	84.5	238	241	258	166	246	1320	10995	4679	300	607
AC-FT	9280	5030	14630	14800	14300	10230	14640	81140	654200	287700	18480	36090
MAX	350	104	294	352	365	297	348	5540	14000	8570	1110	1640
MIN	70	64	87	135	212	94	142	174	6540	1220	61	56

CAL YR 1994 TOTAL 90311 MEAN 247 MAX 1150 MIN 12 AC-FT 179100  
WTR YR 1995 TOTAL 585096 MEAN 1603 MAX 14000 MIN 56 AC-FT 1161000



TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

09042000 EAST PORTAL HOOSIER PASS TUNNEL NEAR ALMA, CO

**LOCATION.**--Lat 39°21'33", long 106°04'37"; Park County, tunnel diverts water from tributaries of Blue River in Colorado River basin to Montgomery Res. (Middle Fork South Platte River) in sec. 14, T. 8 S., R. 78 W., in Platte River basin.

**GAGE.**--Water-stage recorder with satellite telemetry at an 8-ft Parshall flume with a metal stilling well housed inside tunnel entrance. Staff gage installed 1991. Elevation of gage is 10,945 ft by topographic map. Station is owned and maintained by the City of Colorado Springs.

**REMARKS.**--Record is taken from hourly satellite data for Oct. 1994. Satellite data was spotty for the 1995 diversion, so chart record was used for June 1-Sep. 30, 1995. On days which had significant range in stage, hourly chart values were entered into computer record. The record is developed by Robert Cooper.

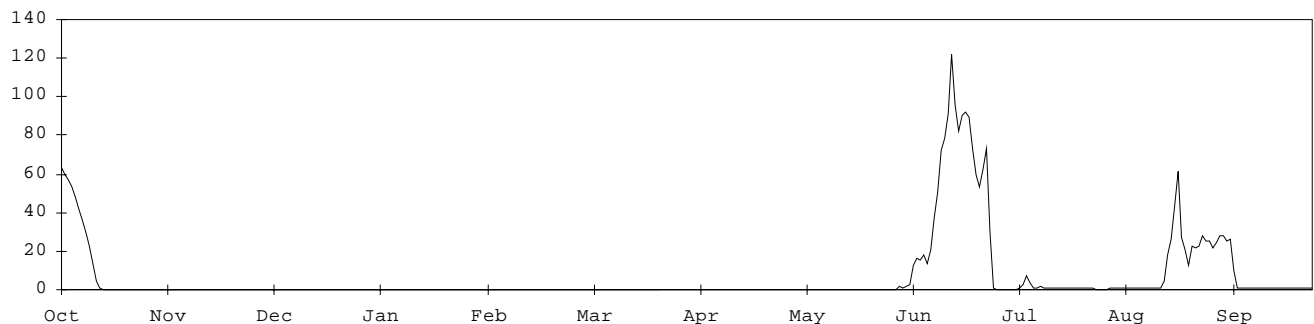
**RATING TABLE.**--HSPTUNCO04 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.45	0.45	22
2	60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.45	0.79	24
3	57	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.45	1.1	28
4	53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.45	1.1	28
5	48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.45	1.1	25
6	42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13	0.45	1.1	26
7	36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	0.79	1.1	9.7
8	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	3.1	1.1	0.79
9	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	7.3	1.1	0.79
10	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14	3.5	1.1	0.79
11	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21	0.67	0.92	0.67
12	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37	0.67	0.92	0.67
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51	1.4	0.92	0.67
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72	0.79	0.92	0.67
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79	0.55	0.92	0.67
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91	0.55	0.92	0.67
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122	0.55	0.92	0.67
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96	0.55	4.1	0.67
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82	0.55	18	0.67
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90	0.55	26	0.67
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92	0.55	43	0.67
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89	0.55	61	0.67
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73	0.55	27	0.67
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60	0.55	21	0.67
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53	0.55	13	0.67
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62	0.55	23	0.67
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73	0.55	22	0.67
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	0.55	23	0.67
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.80	0.45	28	0.67
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.45	0.45	25	0.55
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.45	25	---
TOTAL	431.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1357.15	29.97	375.58	178.35
MEAN	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.2	0.97	12.1	5.94
AC-FT	856	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2690	59	745	354
MAX	63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122	7.3	61	28
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.45	0.45	0.55

CAL YR 1994 TOTAL 4185.61 MEAN 11.5 MAX 104 MIN 0.00 AC-FT 8300  
WTR YR 1995 TOTAL 2372.75 MEAN 6.50 MAX 122 MIN 0.00 AC-FT 4710

MAX DISCH 199 CFS AT 2100 17-JUN-1995 GH 3.10 FT. SHIFT 0.02 FT. MAX GH 3.10 FT. AT 2100 17-JUN-1995



TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

09046000 BOREAS PASS DITCH AT BOREAS PASS, CO

LOCATION.--Diverts water from tributaries of Blue River in Colorado River basin to Tarryall Creek in sec. 26, T.7 S., R.77 W., in Platte River basin.

GAGE.--Graphic water-stage recorder at a standard 18-inch Parshall Flume.

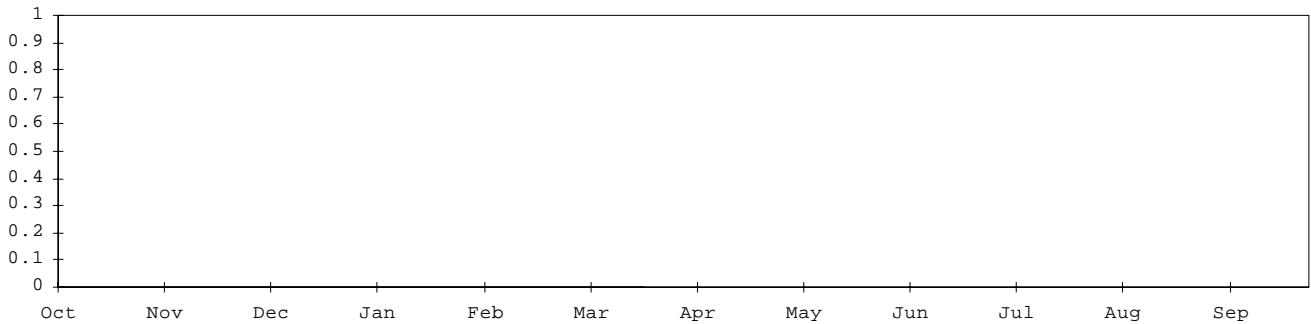
REMARKS.--Record developed by Robert Cooper from Water Commissioner records.

RATING TABLE.--BORDITCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CAL YR 1994 TOTAL 45.46 MEAN 0.12 MAX 2.1 MIN 0.00 AC-FT 90  
WTR YR 1995 TOTAL 0 MEAN 0.00 MAX 0.00 MIN 0.00 AC-FT 0.00



TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

09050590 HAROLD D. ROBERTS TUNNEL NEAR GRANT, CO

**LOCATION.**--Lat 39°27'50", long 105°41'01"; Harold D. Roberts tunnel diverts water from Dillon Reservoir in Blue River basin, to North Fork South Platte River (tributary to South Platte River) in SW¼SW¼ sec. 4, T. 7 S., R. 74 W., in Platte River basin.

**GAGE.**--Water-stage recorder with satellite telemetry in a concrete shelter at a 20-ft Parshall flume. Elevation of gage is 8695 ft by topographic map. Station is owned and maintained by the Denver Water Dept., who also generate power from the tunnel flow.

**REMARKS.**--Primary record was hourly satellite data. Daily mean gage heights were checked against the chart and agreed within 0.02 ft. Record is complete and reliable. Record is good. The record is developed by Robert Cooper.

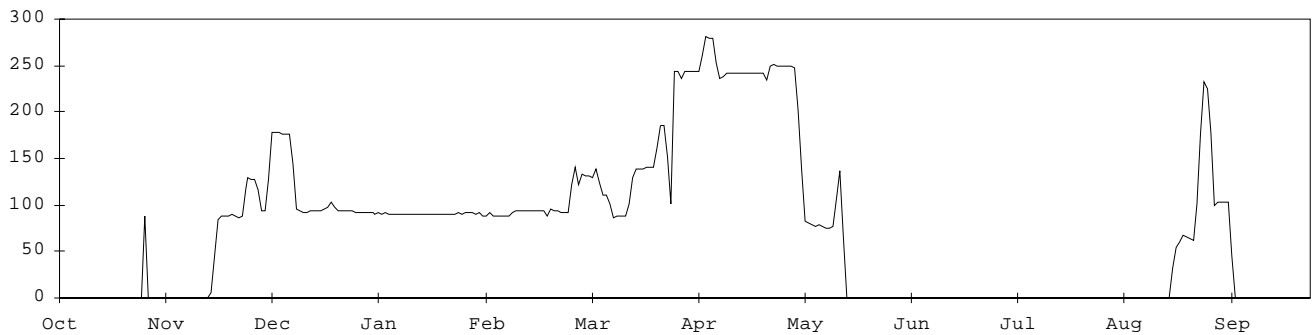
**RATING TABLE.**--ROBTUNCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	128	90	88	121	244	250	0.0	0.0	0.0	178
2	0.0	0.0	178	91	89	133	244	250	0.0	0.0	0.0	99
3	0.0	0.0	178	90	91	132	244	247	0.0	0.0	0.0	104
4	0.0	0.0	178	91	89	131	244	202	0.0	0.0	0.0	103
5	0.0	0.0	177	90	88	130	244	139	0.0	0.0	0.0	103
6	0.0	0.0	176	90	88	138	260	83	0.0	0.0	0.0	104
7	0.0	0.0	177	90	88	124	281	80	0.0	0.0	0.0	45
8	0.0	0.0	144	90	88	110	280	79	0.0	0.0	0.0	0.0
9	0.0	0.0	95	90	89	110	279	76	0.0	0.0	0.0	0.0
10	0.0	0.0	94	90	92	101	254	79	0.0	0.0	0.0	0.0
11	0.0	0.0	92	90	93	87	237	76	0.0	0.0	0.0	0.0
12	0.0	0.0	91	90	93	88	238	75	0.0	0.0	0.0	0.0
13	0.0	0.0	93	90	93	88	241	75	0.0	0.0	0.0	0.0
14	0.0	5.1	93	90	93	88	242	76	0.0	0.0	0.0	0.0
15	0.0	45	93	90	93	88	242	107	0.0	0.0	0.0	0.0
16	0.0	85	93	90	94	101	242	137	0.0	0.0	0.0	0.0
17	0.0	88	95	90	93	129	242	66	0.0	0.0	0.0	0.0
18	0.0	89	97	90	93	138	242	0.0	0.0	0.0	0.0	0.0
19	0.0	89	103	90	93	138	242	0.0	0.0	0.0	0.0	0.0
20	0.0	90	97	90	88	139	242	0.0	0.0	0.0	0.0	0.0
21	0.0	89	93	90	95	140	242	0.0	0.0	0.0	31	0.0
22	0.0	87	93	90	94	140	242	0.0	0.0	0.0	54	0.0
23	0.0	88	93	90	93	140	242	0.0	0.0	0.0	60	0.0
24	0.0	118	93	90	91	162	242	0.0	0.0	0.0	67	0.0
25	0.63	130	94	91	91	186	235	0.0	0.0	0.0	65	0.0
26	88	128	92	90	91	185	249	0.0	0.0	0.0	63	0.0
27	0.0	128	91	91	121	151	252	0.0	0.0	0.0	62	0.0
28	0.0	116	91	91	141	102	250	0.0	0.0	0.0	102	0.0
29	0.0	93	91	91	---	244	250	0.0	0.0	0.0	176	0.0
30	0.0	93	91	90	---	244	250	0.0	0.0	0.0	233	0.0
31	0.0	---	91	92	---	237	---	0.0	---	0.0	225	---
TOTAL	88.63	1561.1	3485	2798	2633	4245	7438	2097	0.0	0.0	1138	736
MEAN	2.86	52.0	112	90.3	94.0	137	248	67.6	0.0	0.0	36.7	24.5
AC-FT	176	3100	6910	5550	5220	8420	14750	4160	0.0	0.0	2260	1460
MAX	88	130	178	92	141	244	281	250	0.0	0.0	233	178
MIN	0.0	0.0	91	90	88	87	235	0.0	0.0	0.0	0.0	0.0

CAL YR 1994 TOTAL 37128.73 MEAN 102 MAX 301 MIN 0.00 AC-FT 73640  
WTR YR 1995 TOTAL 26219.73 MEAN 71.8 MAX 281 MIN 0.00 AC-FT 52010

MAX DISCH 281 CFS AT 1600 06-APR-1995 GH 2.22 FT. SHIFT 0.04 FT. MAX GH 2.22 FT. AT 1600 06-APR-1995



TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

09047300 VIDLER TUNNEL NEAR ARGENTINE PASS, CO

LOCATION.--Lat 39°37'28", long 105°47'28", sec.6, T.5 S., R.75 W., Summit County.

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorder at 3' Parshall flume. The flume is inside the tunnel, approximately 1500 feet from the west end.

REMARKS.--The record is considered good. One measurement was made this year. The shift of -.09 was used for the 1995 water year. Station maintained by Vidler Tunnel Co. and records developed by Rodger L. Burcher.

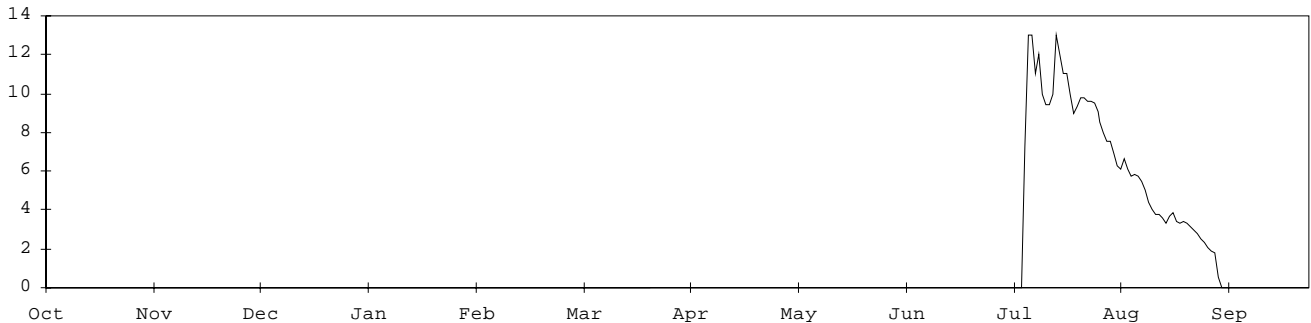
RATING TABLE.--VIDTUNCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	2.1
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	1.9
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	1.8
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.58
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	5.7	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13	5.8	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13	5.7	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	5.5	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	5.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	4.4	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	4.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	3.8	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	3.8	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13	3.6	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	3.3	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	3.7	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	3.9	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	3.4	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	3.3	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	3.4	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	3.3	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	3.1	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	3.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	9.6	2.8	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	9.5	2.5	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	9.1	2.3	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	227.8	148.8	6.38
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.35	4.80	0.21
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	452	295	13
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13	8.5	2.1
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0

CAL YR 1994 TOTAL 234.2 MEAN 0.64 MAX 13 MIN 0.00 AC-FT 465  
WTR YR 1995 TOTAL 382.98 MEAN 1.05 MAX 13 MIN 0.00 AC-FT 760

MAX DISCH 19 CFS AT 1700 12-JUL-1995 GH 1.41 FT. SHIFT -0.09 FT. MAX GH 1.41 FT. AT 1700 12-JUL-1995



TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

09021500 BERTHOUD PASS DITCH AT BERTHOUD PASS, CO

**LOCATION.**--Lat 39°47'55", long 105°46'35"; Berthoud Pass Ditch diverts water from tributaries of Fraser River between headgate in sec. 33, T. 2 S., R. 75 W., Grand County, and Berthoud Pass, in Colorado River basin, to Hoop Creek, tributary to west fork Clear Creek in sec. 10, T. 3 S., R. 75 W., in Platte River Basin.

**GAGE.**--A-35 graphic water-stage recorder mounted on 30" cutthroat flume in a 42-inch metal shelter.

**REMARKS.**--The record is considered poor per U.S.G.S. Station maintained by City of Northglenn and records developed by Rodger L. Burcher.

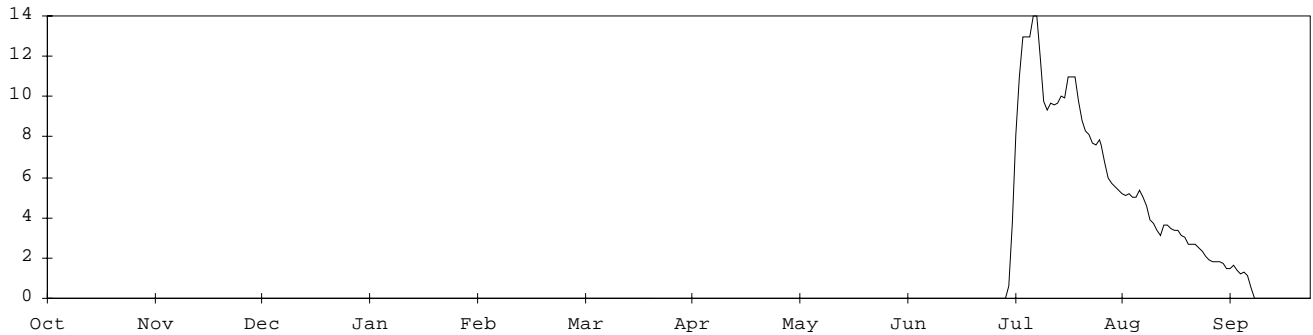
**RATING TABLE.**--BERDITCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	1.9
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	1.8
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	1.8
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	1.8
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.61	5.5	1.7
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	5.4	1.5
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	5.2	1.5
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	5.1	1.6
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13	5.2	1.4
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13	5.0	1.2
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13	5.0	1.3
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14	5.4	1.1
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14	5.0	0.53
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	4.6	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	3.9	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	3.7	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	3.4	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	3.1	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	3.6	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	3.6	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	3.5	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	3.4	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	3.4	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	3.1	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	3.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	2.7	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	2.7	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	2.7	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	7.7	2.5	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	7.6	2.3	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	7.9	2.1	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	261.61	130.1	19.13
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.44	4.20	0.64
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	519	258	38
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14	7.6	1.9
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0

CAL YR 1994 TOTAL 431.17 MEAN 1.18 MAX 14 MIN 0.00 AC-FT 855  
WTR YR 1995 TOTAL 410.84 MEAN 1.13 MAX 14 MIN 0.00 AC-FT 815

MAX DISCH 17 CFS AT 1500 11-JUL-1995 GH 1.84 FT. SHIFT -0.33 FT. MAX GH 1.84 FT. AT 1500 11-JUL-1995





TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

09035000 AUGUST P. GUMBLICK TUNNEL AT JONES PASS, CO

**LOCATION.**--Lat 39°46'13", long 105°51'03", T.2 S. R.75 W., Clear Creek County. Diverts water from Bobtail Creek on the William's Fork in the Colorado River Basin to Vasquez Creek and the Moffat tunnel which discharges into South Boulder Creek in the South Platte River basin.

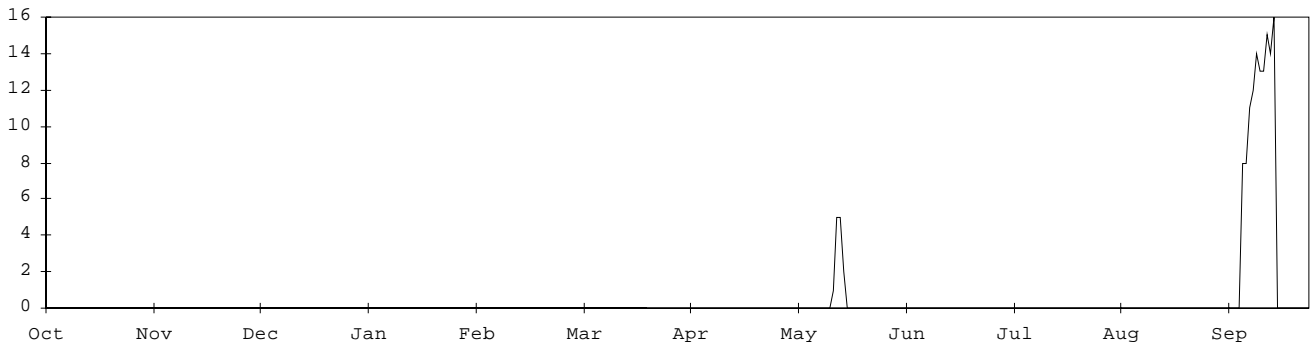
**GAGE.**--F-type water-stage recorder located at non-standard 15' Parshall flume.

**REMARKS.**--Record is good. Station maintained by Denver Water Board and records developed by Rodger L. Burcher.

**RATING TABLE.**--APGTUNCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	13
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	13
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	15
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	14
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	124.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.42	0.0	0.0	0.0	4.13
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26	0.0	0.0	0.0	246
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	16
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL YR 1994 TOTAL			0	MEAN	0.00	MAX	0.00	MIN	0.00	AC-FT	0.00	
WTR YR 1995 TOTAL		137.0	MEAN	0.38	MAX	16	MIN	0.00	AC-FT	272		



TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

09022500 EAST PORTAL MOFFAT TUNNEL NEAR ROLLINSVILLE, CO

**LOCATION.**--Lat 39°54'16", long 105°38'45"; diverts water from tributaries of William's Fork River and main stem and tributaries of Fraser River in Colorado River basin, to South Boulder Creek, in sec. 2, T.2 S., R.74 W., in Platte River basin, Gilpin County.

**DRAINAGE AREA.**--N/A

**GAGE.**--Graphic water-stage recorder with satellite telemetry in a timber shelter and well at 15' Parshall flume.

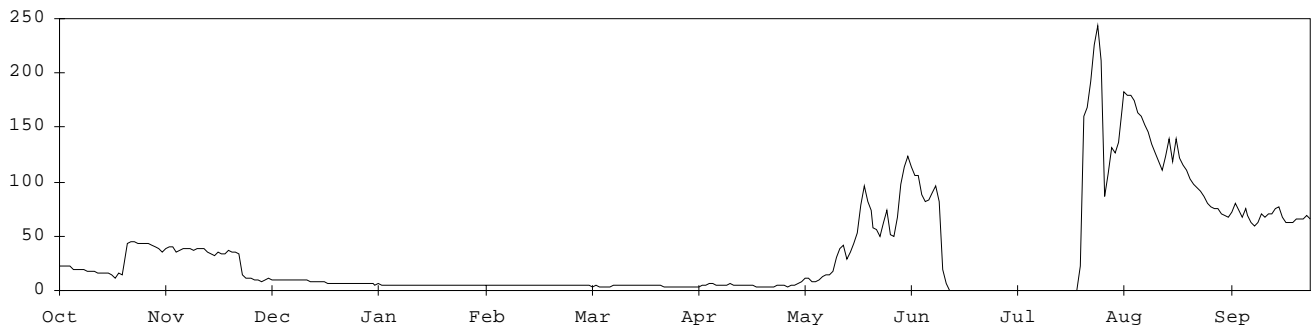
**REMARKS.**--Record is complete and reliable except for the following periods: Dec9-17, 1994; Mar. 27-31; Apr. 1, 1995 when well was frozen. Chart gage-height record was used on Jan. 8; May 7; Jun. 8; Sep. 3-4, 1995. Record is good except for period of no gage-height, which is fair. Station maintained by Denver Water Board personnel. Records developed by Fred H. Renner.

**RATING TABLE.**--MOFTUNCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	39	11	5.3	4.6	4.4	3.5	3.8	50	0.0	86	77
2	23	40	10	5.7	4.4	4.2	3.5	4.8	67	0.0	108	75
3	22	40	9.0	5.6	4.3	4.2	3.5	5.5	97	0.0	131	76
4	22	35	9.4	5.3	4.3	4.1	3.7	6.2	114	0.0	126	71
5	20	37	9.7	5.1	4.5	4.0	4.0	8.4	124	0.0	136	69
6	20	39	9.9	4.9	4.6	4.2	4.4	11	114	0.0	166	68
7	20	38	9.5	4.8	4.8	3.9	4.9	11	106	0.0	183	72
8	19	38	9.2	4.8	4.8	3.7	5.8	8.8	105	0.0	180	80
9	18	37	9.0	4.7	4.7	3.9	6.2	8.3	88	0.0	180	74
10	18	38	9.0	4.6	4.5	4.0	4.9	9.1	82	0.0	174	67
11	17	38	9.0	4.5	4.3	4.4	4.2	13	83	0.0	163	75
12	16	38	9.0	4.5	4.5	4.2	4.3	14	89	0.0	161	69
13	16	35	8.5	4.3	4.5	4.1	4.8	15	96	0.0	153	63
14	16	33	8.5	5.0	4.7	4.2	5.9	18	82	0.0	146	60
15	16	32	8.0	4.9	4.2	4.5	4.7	30	20	0.0	135	63
16	15	36	8.0	4.8	4.1	4.8	4.6	38	6.9	0.0	126	70
17	12	34	7.5	4.7	4.3	4.8	4.7	42	0.0	0.0	119	68
18	16	34	7.0	4.3	4.2	4.6	4.3	29	0.0	0.0	111	71
19	15	37	6.7	4.7	4.1	4.6	4.6	35	0.0	0.0	124	70
20	24	35	6.6	4.7	4.3	4.6	4.4	43	0.0	0.0	139	75
21	43	36	6.7	4.4	4.4	4.5	4.2	53	0.0	0.0	119	77
22	45	33	6.7	4.5	4.4	4.7	3.8	79	0.0	0.0	139	67
23	45	15	6.5	4.4	4.5	5.0	3.7	96	0.0	0.0	121	63
24	43	11	6.7	4.5	4.6	5.0	3.6	82	0.0	0.0	115	62
25	43	11	6.7	4.4	4.6	4.3	3.0	73	0.0	23	110	63
26	43	12	6.3	4.4	4.6	3.7	3.7	58	0.0	161	103	66
27	44	10	6.0	4.4	4.4	3.7	3.6	56	0.0	168	98	65
28	42	9.1	6.1	4.6	4.4	3.7	4.3	49	0.0	192	94	66
29	40	8.5	6.1	4.4	---	3.7	4.5	62	0.0	226	91	69
30	38	10	6.3	4.2	---	3.7	4.1	74	0.0	243	86	66
31	35	---	6.0	4.4	---	3.7	---	51	---	212	80	---
TOTAL	829	888.6	244.6	145.8	124.6	131.1	129.4	1086.9	1323.9	1225	4003	2077
MEAN	26.7	29.6	7.89	4.70	4.45	4.23	4.31	35.1	44.1	39.5	129	69.2
AC-FT	1640	1760	485	289	247	260	257	2160	2630	2430	7940	4120
MAX	45	40	11	5.7	4.8	5.0	6.2	96	124	243	183	80
MIN	12	8.5	6.0	4.2	4.1	3.7	3.0	3.8	0.0	0.0	80	60
CAL YR 1994 TOTAL		22173.1	MEAN	60.7	MAX	416	MIN	5.1	AC-FT	43980		
WTR YR 1995 TOTAL		12208.9	MEAN	33.4	MAX	243	MIN	0.00	AC-FT	24220		

MAX DISCH 265 CFS AT 2200 30-JUL-1995 GH 2.62 FT. SHIFT -0.03 FT. MAX GH 2.62 FT. AT 2200 30-JUL-1995



TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

09012000 EUREKA DITCH NEAR FLAT TOP MOUNTAIN, CO

**LOCATION.**--Lat 40°19'30", long 105°43'15", in Rocky Mountain National Park, Grand County, Co. Diverts water from tributaries of Tonahutu Creek in Colorado River basin, to Spruce Creek (tributary to Big Thompson River) in sec. 16, T.4 N., R.74 W., in Platte River Basin.

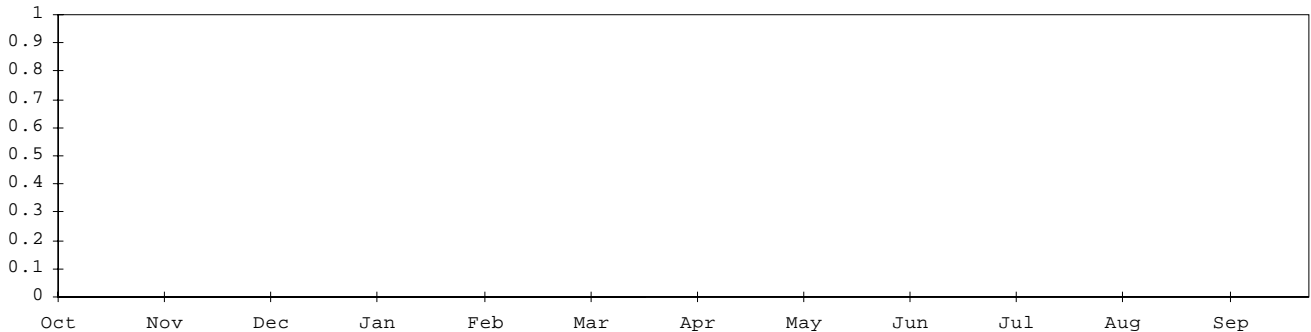
**GAGE.**--Graphic water-stage recorder at 40 inch Cipoletti Weir. Maintained by City of Loveland. Located on Continental Divide making access difficult.

**REMARKS.**--No water reported for the 1995 Water Year.

**RATING TABLE.**--EURDITCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL YR 1994 TOTAL			0 MEAN	0.00 MAX		0.00 MIN		0.00 AC-FT		0.00		
WTR YR 1995 TOTAL			0 MEAN	0.00 MAX		0.00 MIN		0.00 AC-FT		0.00		



TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

09013000 ALVA B. ADAMS TUNNEL AT EAST PORTAL  
NEAR ESTES PARK, COLORADO

LOCATION.--Lat 40°19'40", long 105°34'39", in NW¼ sec. 9, T.3 N., R.75 W., in Colorado River Basin.

GAGE.--Water-stage recorder with satellite telemetry in a concrete shelter and well at a 15-foot Parshall flume. DCP is primary record with chart as backup.

REMARKS.--Record is complete and reliable. Water was diverted through the Adams Tunnel Flume from Wind River this year. From May 24-Aug. 6, 1995, 1200 a/f of Wind River Water was included at the gage at the 15-foot Parshall flume. This record at the flume minus 1200 a/f of Wind River Water equals the diversion from the western slope. Record is good. Station maintained and records developed by Merlin Friedrichsen.

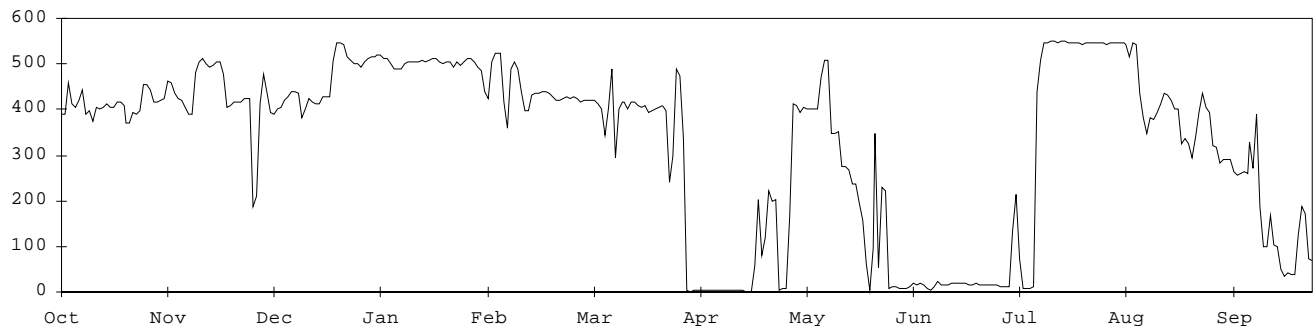
RATING TABLE.--ADATUNCO06 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	390	462	392	519	438	418	2.1	164	10	13	543	322
2	390	457	389	518	424	420	1.6	411	8.1	13	545	318
3	460	437	400	513	505	422	2.2	409	8.5	13	546	283
4	413	424	405	514	523	420	2.2	393	8.8	12	547	290
5	406	420	420	500	522	421	2.2	404	12	135	548	292
6	420	404	429	488	523	412	2.2	401	19	213	547	292
7	444	389	438	489	416	400	2.2	402	15	72	544	264
8	391	389	438	488	360	344	2.2	403	19	8.8	515	257
9	397	483	435	502	488	403	2.4	403	16	8.6	547	261
10	375	504	383	504	503	488	2.4	471	6.5	8.1	544	262
11	406	512	401	503	489	294	2.4	509	5.6	11	435	261
12	401	499	423	503	440	401	2.4	507	13	441	384	330
13	404	493	416	503	399	415	2.4	347	22	510	347	272
14	413	495	411	507	399	417	2.4	346	16	547	384	388
15	405	504	412	506	432	400	2.4	351	17	547	380	187
16	407	505	427	510	437	418	2.4	274	17	551	394	100
17	417	479	427	511	435	418	2.2	274	18	552	411	99
18	415	404	427	511	439	408	1.9	266	19	547	437	170
19	408	408	507	505	440	407	1.8	236	19	549	430	102
20	369	415	548	502	436	408	1.6	237	18	550	419	101
21	371	416	547	504	427	395	56	193	18	546	403	48
22	392	415	543	506	420	399	203	157	17	547	401	33
23	390	424	517	494	420	403	80	61	17	546	324	42
24	396	424	508	504	425	406	118	5.7	18	547	335	37
25	456	423	499	498	428	410	222	97	17	543	325	38
26	454	189	499	506	425	399	197	348	16	548	296	127
27	444	211	493	512	427	242	201	55	16	548	339	189
28	415	414	505	513	426	298	4.0	229	15	546	394	172
29	417	476	511	506	---	491	6.0	223	15	546	437	72
30	419	435	516	492	---	472	5.9	8.4	14	546	406	67
31	425	---	516	487	---	338	---	10	---	545	392	---
TOTAL	12710	12910	14182	15618	12446	12387	1136.5	8595.1	450.5	11309.5	13499	5676
MEAN	410	430	457	504	445	400	37.9	277	15.0	365	435	189
AC-FT	25210	25610	28130	30980	24690	24570	2250	17050	894	22430	26780	11260
MAX	460	512	548	519	523	491	222	509	22	552	548	388
MIN	369	189	383	487	360	242	1.6	5.7	5.6	8.1	296	33

CAL YR 1994 TOTAL 129186.3 MEAN 354 MAX 562 MIN 2.2 AC-FT 256200  
WTR YR 1995 TOTAL 120919.6 MEAN 331 MAX 552 MIN 1.6 AC-FT 239800

MAX DISCH 626 CFS AT 0715 12-JUL-1995 GH 4.43 FT. SHIFT 0.00 FT. MAX GH 4.43 FT. AT 0715 12-JUL-1995



TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

09010000 GRAND RIVER DITCH AT LA POUVRE PASS, CO

LOCATION.--Lat 40°28'22", long 105°49'17", in NW¼ sec. 21, T.6 N., R.75 W., in Platte River Basin, to La Poudre Pass Creek, tributary to Cache La Poudre River.

GAGE.--F-type water-stage recorder with satellite telemetry. Station located at 10' Parshall flume near La Poudre Pass, Colorado.

REMARKS.--Record complete and reliable. The DCP was installed on June 9, 1995 and the recorder was installed on June 13, 1995. Water run from June 9-Sep. 19, 1995. Record is good. Station maintained and records developed by George Sievers.

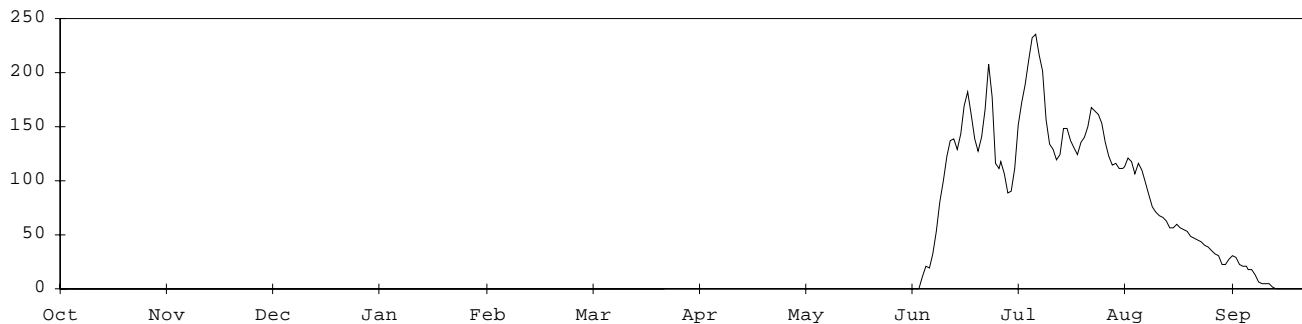
RATING TABLE.--GRNDRDCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	111	136	35
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117	123	33
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	106	115	31
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88	116	22
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90	111	22
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112	111	27
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	113	30
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	172	121	29
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	188	117	23
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21	211	106	21
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	232	116	21
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33	235	110	18
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53	216	99	17
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	202	87	13
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	156	76	6.6
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	123	134	71	4.9
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	137	129	68	4.6
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	139	120	66	4.8
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129	125	63	2.3
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	143	148	57	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	169	148	57	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	182	137	60	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	161	130	57	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	138	124	55	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	128	135	54	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140	140	49	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	166	150	46	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	208	167	45	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	178	165	43	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	116	161	41	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	153	38	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2576	4654	2527	365.2
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.9	150	81.5	12.2
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5110	9230	5010	724
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	208	235	136	35
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88	38	0.0

CAL YR 1994 TOTAL 9010.53 MEAN 24.7 MAX 244 MIN 0.00 AC-FT 17870  
WTR YR 1995 TOTAL 10122.2 MEAN 27.7 MAX 235 MIN 0.00 AC-FT 20080

MAX DISCH 286 CFS AT 2030 11-JUL-1995 GH 3.45 FT. SHIFT 0.00 FT. MAX GH 3.45 FT. AT 2030 11-JUL-1995



TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

06745500 CAMERON PASS DITCH AT CAMERON PASS, CO

LOCATION.--Lat 40°31'14", long 105°53'32"; Diverts water from Michigan River and tributaries, to Joe Wright Creek (tributary to Cache La Poudre River) in sec. 2, T.6 N., R.76 W.

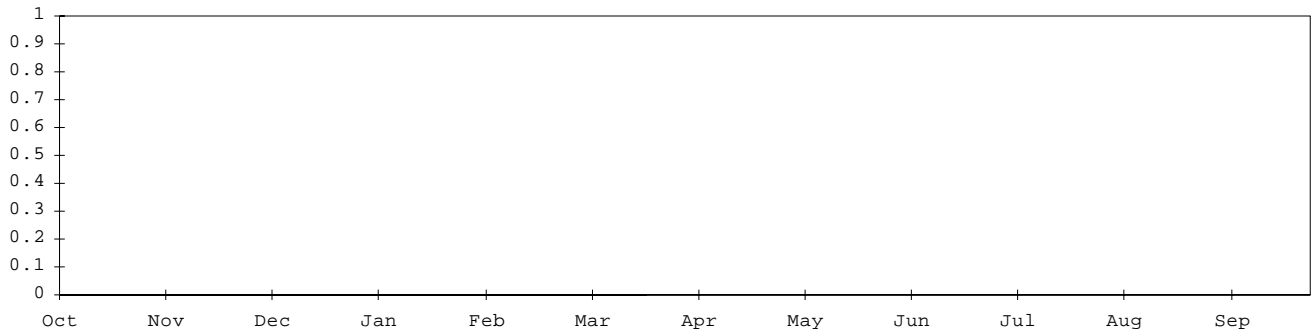
GAGE.--F-type graphic water-stage recorder at 2' Parshall flume.

REMARKS.--Record is complete and reliable. No water run during 1995 Water Year. Records developed by George E. Sievers.

RATING TABLE.--CAPDCPC001 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL YR 1994 TOTAL			0 MEAN	0.00	MAX	0.00	MIN	0.00	AC-FT	0.00		
WTR YR 1995 TOTAL			0 MEAN	0.00	MAX	0.00	MIN	0.00	AC-FT	0.00		



TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

06746000 MICHIGAN DITCH AT CAMERON PASS, CO

**LOCATION.**--Lat 40°31'14", long 105°53'30"; Diverts water from Michigan River and tributaries, to Joe Wright Creek (tributary to Cache la Poudre River) in sec. 2, T.6 N., R. 76 W.

**GAGE.**--F-type graphic water-stage recorder at 8' Parshall flume.

**REMARKS.**--Record is complete and reliable except for Oct. 8-10, 16-17, 1994 and May 31, and Jun. 3, 1995. Values for these days were either ice affected or partial days. Flow values for the period Oct. 18, 1994-May 30, 1995 were computed with the Marsh-McBirney FLO-TOTE installed by the City of Ft. Collins. Station maintained and records developed by George E. Sievers.

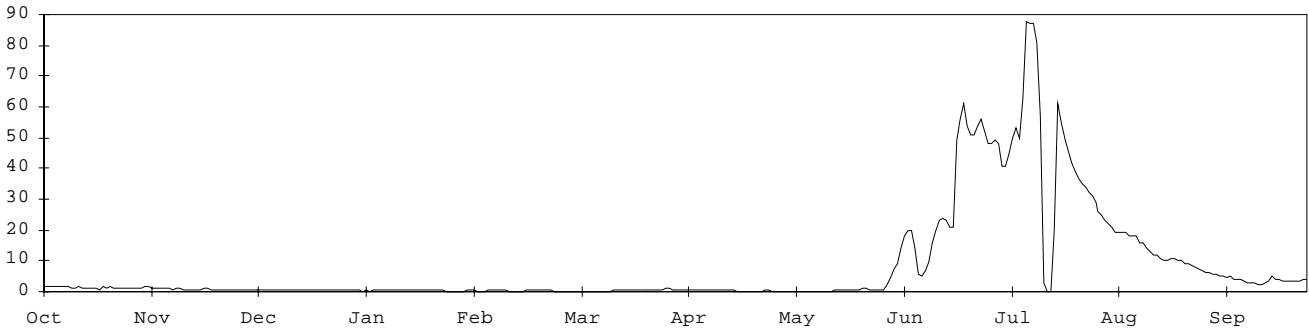
**RATING TABLE.**--MICDCPC002 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	1.2	0.60	0.23	0.29	0.24	0.82	0.27	2.2	48	26	6.5
2	1.5	1.1	0.59	0.35	0.29	0.24	0.79	0.26	4.4	49	25	6.2
3	1.5	0.95	0.61	0.23	0.26	0.24	0.75	0.23	7.6	48	23	5.9
4	1.7	1.3	0.59	0.40	0.27	0.24	0.80	0.23	9.2	41	22	5.4
5	1.7	0.99	0.59	0.37	0.28	0.25	0.78	0.21	14	41	21	5.1
6	1.7	0.87	0.52	0.53	0.29	0.26	0.67	0.23	18	45	19	4.9
7	1.7	0.60	0.52	0.60	0.30	0.25	0.59	0.24	20	50	19	4.6
8	1.5	0.99	0.52	0.49	0.30	0.25	0.54	0.23	20	53	19	4.9
9	1.4	0.90	0.52	0.41	0.29	0.26	0.48	0.16	14	50	19	3.9
10	1.4	0.83	0.52	0.37	0.30	0.27	0.48	0.16	5.9	63	18	3.7
11	1.5	0.78	0.52	0.36	0.30	0.27	0.47	0.19	5.1	88	18	3.7
12	1.4	0.69	0.52	0.36	0.28	0.27	0.41	0.16	6.8	87	18	3.2
13	1.4	0.71	0.52	0.37	0.28	0.27	0.40	0.15	9.5	87	16	2.8
14	1.2	0.74	0.53	0.36	0.28	0.29	0.36	0.16	16	81	16	2.8
15	1.2	0.72	0.53	0.34	0.28	0.33	0.32	0.23	20	57	14	2.6
16	1.0	1.0	0.53	0.35	0.28	0.32	0.31	0.26	23	2.8	13	2.4
17	0.57	1.1	0.53	0.34	0.29	0.31	0.31	0.31	24	0.0	12	2.2
18	1.6	0.84	0.54	0.34	0.29	0.29	0.29	0.30	23	0.0	12	2.6
19	1.4	0.72	0.51	0.36	0.31	0.53	0.27	0.30	21	20	11	3.2
20	1.5	0.69	0.50	0.36	0.31	0.46	0.27	0.34	21	61	10	4.9
21	1.4	0.63	0.50	0.34	0.31	0.56	0.28	0.36	49	55	10	4.1
22	1.3	0.61	0.50	0.31	0.33	0.63	0.28	0.65	56	50	11	3.9
23	1.3	0.69	0.50	0.30	0.34	0.48	0.28	0.79	61	46	11	3.2
24	1.1	0.65	0.47	0.29	0.31	0.46	0.24	0.63	54	42	10	3.2
25	1.2	0.62	0.45	0.28	0.27	0.29	0.27	1.1	51	39	10	3.2
26	1.4	0.59	0.44	0.28	0.25	0.75	0.27	1.4	51	37	9.2	3.2
27	1.3	0.54	0.44	0.28	0.24	0.78	0.29	0.65	54	35	8.9	3.4
28	1.3	0.50	0.42	0.28	0.26	0.83	0.29	0.50	56	34	8.6	3.4
29	0.99	0.54	0.42	0.28	---	0.87	0.28	0.59	52	32	7.9	3.9
30	1.8	0.53	0.40	0.28	---	0.87	0.27	0.71	48	31	7.6	3.7
31	1.6	---	0.38	0.29	---	0.83	---	0.79	---	29	7.0	---
TOTAL	43.06	23.62	15.73	10.73	8.08	13.19	12.86	12.79	816.7	1401.8	452.2	116.7
MEAN	1.39	0.79	0.51	0.35	0.29	0.43	0.43	0.41	27.2	45.2	14.6	3.89
AC-FT	85	47	31	21	16	26	26	25	1620	2780	897	231
MAX	1.8	1.3	0.61	0.60	0.34	0.87	0.82	1.4	61	88	26	6.5
MIN	0.57	0.50	0.38	0.23	0.24	0.24	0.24	0.15	2.2	0.0	7.0	2.2

CAL YR 1994 TOTAL 1995.15 MEAN 5.47 MAX 58 MIN 0.00 AC-FT 3960  
WTR YR 1995 TOTAL 2927.46 MEAN 8.02 MAX 88 MIN 0.00 AC-FT 5810

MAX DISCH 101 CFS AT 1730 12-JUL-1995 GH 2.04 FT. SHIFT 0.00 FT. MAX GH 2.04 FT. AT 1730 12-JUL-1995



TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

06746500 SKYLINE DITCH NEAR CHAMBERS LAKE, CO

LOCATION.--Lat 40°37'00", long 105°51'29"; Diverts water from West Branch Laramie River, to Chambers Lake (tributary to Cache la Poudre River) in sec. 31, T.8 N., R.75 W.

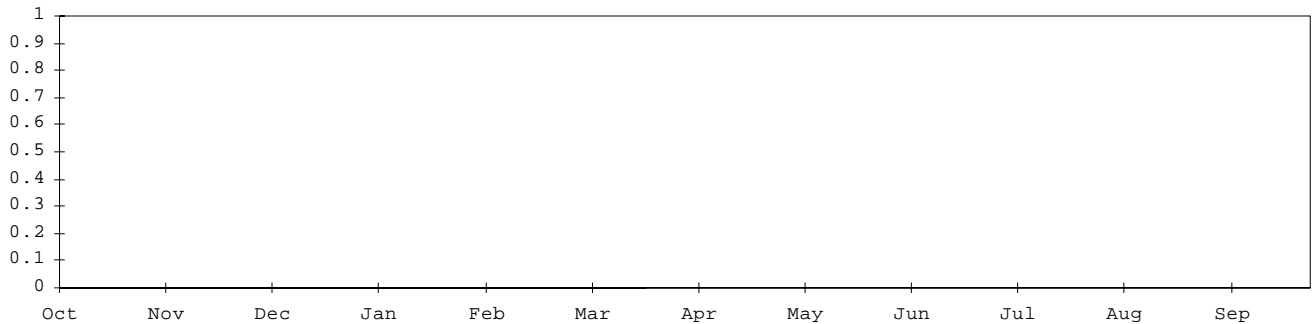
GAGE.--F-type graphic water-stage recorder at 10' Parshall flume.

REMARKS.--Record is complete and reliable. No water run in 1995 Water Year. Station maintained and records developed by George E. Sievers.

RATING TABLE.--SKYDCLCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL YR 1994 TOTAL			0 MEAN	0.00	MAX	0.00	MIN	0.00	AC-FT	0.00		
WTR YR 1995 TOTAL			0 MEAN	0.00	MAX	0.00	MIN	0.00	AC-FT	0.00		





TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

06747000 LARAMIE-POUDRE TUNNEL NEAR CHAMBERS LAKE, CO

LOCATION.--Lat 40°40'34", long 105°50'49"; Laramie-Poudre tunnel diverts water from Laramie River and tributaries to Cache la Poudre River in sec 9, T.8 N., R.75 W.

GAGE.--F-type, graphic water-stage recorder with satellite telemetry at 10' Parshall flume.

REMARKS.--Record is complete and reliable. Water was run Jul. 19-Sep. 19, 1995. Station maintained and records developed by George E. Sievers.

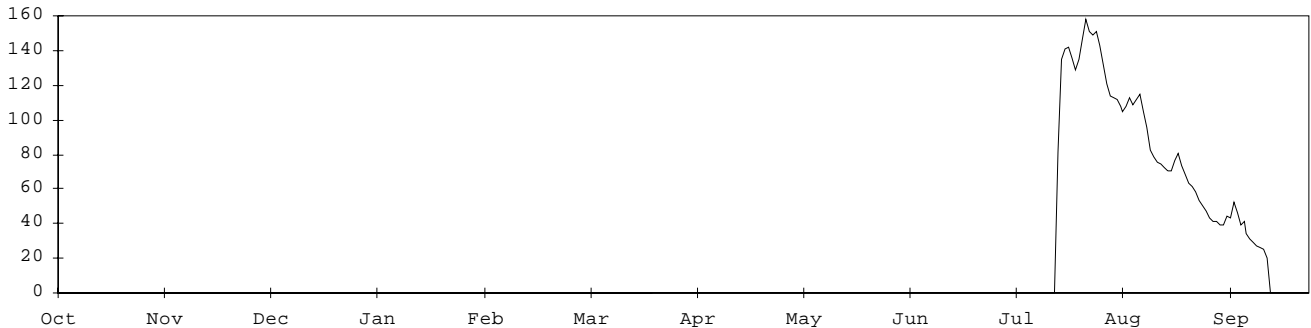
RATING TABLE.-- LAPTUNCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	132	43
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	121	41
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	114	41
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113	39
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112	39
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	108	44
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105	43
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	108	52
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113	46
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	109	39
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112	41
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	115	34
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105	31
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96	29
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83	27
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78	26
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	25
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74	20
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82	72	0.42
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	135	70	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	141	70	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	142	76	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	136	81	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129	73	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	135	68	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	147	63	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	158	61	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	151	58	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	149	53	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	151	50	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	143	47	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1799	2715	660.42
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.0	87.6	22.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3570	5390	1310
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	158	132	52
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47	0.0

CAL YR 1994 TOTAL 9825.42 MEAN 26.9 MAX 220 MIN 0.00 AC-FT 19490  
WTR YR 1995 TOTAL 5174.42 MEAN 14.2 MAX 158 MIN 0.00 AC-FT 10260

MAX DISCH 168 CFS AT 2045 26-JUL-1995 GH 2.47 FT. SHIFT 0.00 FT. MAX GH 2.47 FT. AT 2045 26-JUL-1995



TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

DEADMAN DITCH NEAR DEADMAN PARK, CO

LOCATION.--Lat 40°50'04", long 105°48'05"; Diverts water from Laramie River and tributaries, to Sheep Creek (tributary to Cache La Poudre River) via Sand Creek.

GAGE.--F-type, graphic water-stage recorder at 6' Parshall flume.

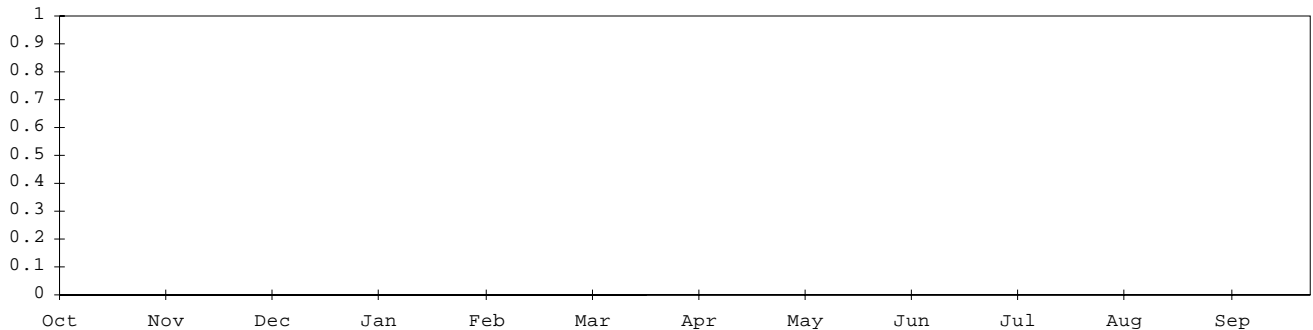
REMARKS.--Record is complete and reliable. No water was run in water year 1995. Station maintained and records developed by George E. Sievers.

RATING TABLE.--DEADDDPC001 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CAL YR 1994 TOTAL 154.06 MEAN 0.42 MAX 14 MIN 0.00 AC-FT 306  
WTR YR 1995 TOTAL 0 MEAN 0.00 MAX 0.00 MIN 0.00 AC-FT 0.00



TRANSMOUNTAIN DIVERSION TO

PLATTE RIVER BASIN

06750500 WILSON SUPPLY DITCH NEAR EATON RESERVOIR, CO

**LOCATION.**--Lat 40°54'31", long 105°46'43"; Diverts water from Sand Creek and Deadman Creek in Laramie River basin to Sheep Creek (tributary to North Fork Cache la Poudre River) in sec. 23, T.11 N., R.75 W., in the Cache la Poudre River basin.

**GAGE.**--F-type, graphic water-stage recorder at 10' Parshall flume. Satellite telemetry was added in the Spring of 1994.

**REMARKS.**--Record is complete and reliable. Water was run May 22-Jun. 12, 1995. Station maintained and records developed by George E. Sievers.

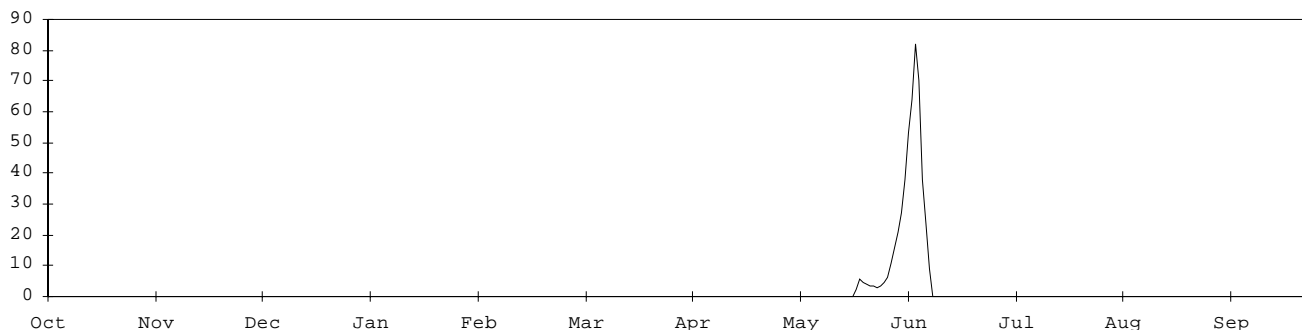
**RATING TABLE.**--RATING TABLE WSEARCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	---	0.0	3.4	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	---	0.0	4.7	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	6.5	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.2	453.1	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	15.1	0.0	0.0	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	899	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	82	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CAL YR 1994 TOTAL 798.5 MEAN 2.19 MAX 43 MIN 0.00 AC-FT 1580  
WTR YR 1995 TOTAL 493.3 MEAN 1.35 MAX 82 MIN 0.00 AC-FT 978

MAX DISCH 109 CFS AT 2000 08-JUN-1995 GH 1.89 FT. SHIFT 0.00 FT. MAX GH 1.89 FT. AT 2000 08-JUN-1995



REPUBLICAN RIVER BASIN

PIONEER DITCH AT HEADGATE NEAR LAIRD, CO

LOCATION.--Lat 40°05'05", long 102°08'30", SW¼NE¼ sec. 2, T.1 N., R.43 W., Yuma County, 4 mi east of Wray, Co., 1000 ft south of U.S. Highway 34.

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorder in metal box enclosure and well section with outside staff at 5' Parshall flume.

REMARKS.--Record is complete and reliable except for the following periods: Oct. 20, 1994 to May 29, 1995 when canal was shut down for the winter; Aug. 20-21, 1995 when pen not inking. Record is good except for periods of no gage-height record, which is fair. Station maintained by Pioneer Ditch Company. Records developed by Fred H. Renner.

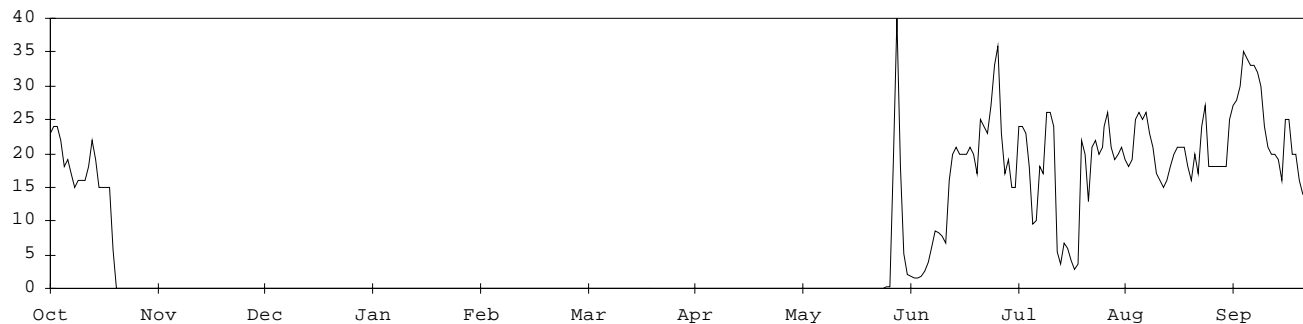
RATING TABLE.--PIOHDGCO03 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19	36	24	18
2	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	23	26	18
3	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	17	21	18
4	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	19	19	18
5	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	15	20	18
6	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	15	21	25
7	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	24	19	27
8	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	24	18	28
9	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	23	19	30
10	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	18	25	35
11	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	9.6	26	34
12	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	10	25	33
13	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	18	26	33
14	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	17	23	32
15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	26	21	30
16	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	26	17	24
17	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	24	16	21
18	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	5.4	15	20
19	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21	3.6	16	20
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	6.6	18	19
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	6.0	20	16
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	4.2	21	25
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21	2.9	21	25
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	3.5	21	20
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	22	18	20
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25	20	16	16
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24	13	20	14
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23	21	17	14
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	27	22	24	14
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.15	33	20	27	14
31	0.0	---	0.0	0.0	---	0.0	---	0.36	---	21	18	---
TOTAL	334.8	0.0	0.0	0.0	0.0	0.0	0.0	0.51	441.7	515.8	638	679
MEAN	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.02	14.7	16.6	20.6	22.6
AC-FT	664	0.0	0.0	0.0	0.0	0.0	0.0	1.0	876	1020	1270	1350
MAX	24	0.0	0.0	0.0	0.0	0.0	0.0	0.36	40	36	27	35
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.9	15	14

CAL YR 1994 TOTAL 3609.0 MEAN 9.89 MAX 33 MIN 0.00 AC-FT 7160  
WTR YR 1995 TOTAL 2609.81 MEAN 7.15 MAX 40 MIN 0.00 AC-FT 5180

MAX DISCH 43 CFS AT 2000 01-JUN-1995 GH 1.67 FT. SHIFT -0.04 FT. MAX GH 1.67 FT. AT 2000 01-JUN-1995



REPUBLICAN RIVER BASIN

PIONEER DITCH AT COLORADO-NEBRASKA STATE LINE

LOCATION.--Lat 40°03'25", long 102°03'10", SW¼SW¼ sec. 10, T.1 N., R.42 W., Yuma County; 1200 ft south of U.S. Highway 34 at Colorado/Nebraska State line.

DRAINAGE AREA.--N/A

GAGE.--Type-F graphic water-stage recorder in metal box and well with two outside vertical steel staffs at 4' Parshall flume. Station maintained by Pioneer Ditch Company.

REMARKS.--Record is complete and reliable except for the following periods: Oct. 20, 1994-Jun. 1, 1995 when the ditch was off; Jul. 14-15, 17-18, 1995 rainstorm event when submergence data was insufficient to compute reliable discharge; Jul. 8-11; Aug. 16-17, 1995 when gage-height not representative of average for the day; Sep. 28-30, 1995 when pen was not inking. The conditions at the gage makes record computation very difficult. Stage-shift curves were needed because of the fluctuation of submergence. This is the result of backwater from boards in canal, and sudden rain/hailstorms. Record is poor. Records developed by Fred H. Renner.

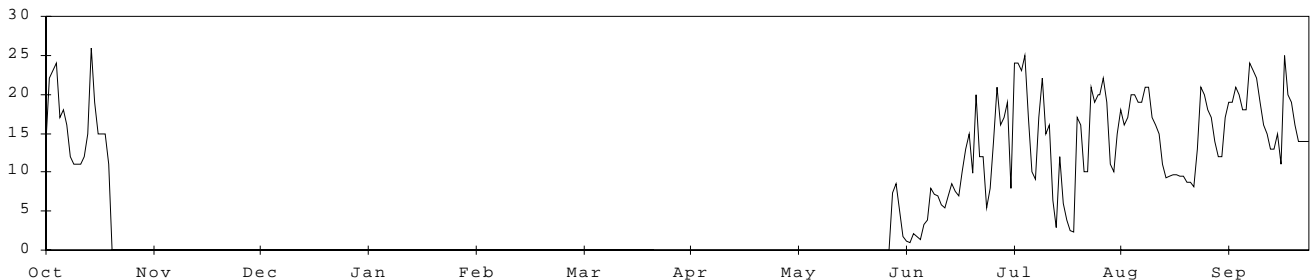
RATING TABLE.--PIOSTLCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14	20	18
2	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	21	22	17
3	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	16	19	14
4	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	17	11	12
5	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	19	10	12
6	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	7.9	15	17
7	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.89	24	18	19
8	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	24	16	19
9	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	23	17	21
10	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	25	20	20
11	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	17	20	18
12	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	10	19	18
13	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	9.1	19	24
14	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	17	21	23
15	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	22	21	22
16	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	15	17	19
17	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	16	16	16
18	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	6.3	15	15
19	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	2.9	11	13
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	12	9.3	13
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	6.0	9.5	15
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	3.9	9.7	11
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13	2.5	9.7	25
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	2.3	9.5	20
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	17	9.5	19
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	16	8.7	16
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	10	8.7	14
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	10	8.1	14
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	5.5	21	13	14
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	7.9	19	21	14
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	20	20	---
TOTAL	307	0.0	0.0	0.0	0.0	0.0	0.0	0.0	206.29	445.9	463.7	512
MEAN	9.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.88	14.4	15.0	17.1
AC-FT	609	0.0	0.0	0.0	0.0	0.0	0.0	0.0	409	884	920	1020
MAX	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	25	22	25
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	8.1	11

CAL YR 1994 TOTAL 2475.5 MEAN 6.78 MAX 26 MIN 0.00 AC-FT 4910  
WTR YR 1995 TOTAL 1934.89 MEAN 5.30 MAX 26 MIN 0.00 AC-FT 3840

MAX DISCH 51 CFS AT 2200 14-JUL-1995 GH 2.80 FT. SHIFT -0.72 FT. MAX GH 2.80 FT. AT 2200 14-JUL-1995



REPUBLICAN RIVER BASIN

HALE DITCH BELOW BONNY RESERVOIR NEAR HALE, CO

LOCATION.--Lat 39°37'15", long 102°10'15", SW¼SW¼ sec. 15, T.5 S., R.43 W., Yuma County, east of Bonny Reservoir.

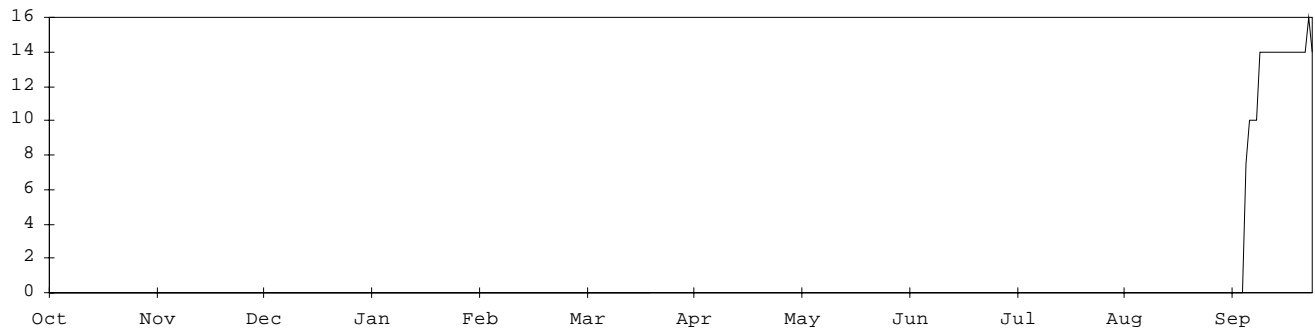
GAGE.--Rockwell Meter. Station maintained by U.S. Bureau of Reclamation.

REMARKS.--Record developed by Jim Clark with cooperation of U.S. Bureau of Reclamation, McCook, Nebraska.

RATING TABLE.--HLDBBR002 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	16
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	14
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	263.5
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.78
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	523
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL YR 1994 TOTAL			0	MEAN	0.00	MAX	0.00	MIN	0.00	AC-FT	0.00	
WTR YR 1995 TOTAL		263.5	MEAN	0.72	MAX	16	MIN	0.00	AC-FT	523		



ARKANSAS RIVER BASIN

LAKE FORK CREEK BELOW SUGAR LOAF DAM NEAR LEADVILLE, CO

**LOCATION.**--Lat 39°15'05" long 106°22'28", Lake County, SE¼NW¼NW¼ sec. 19, T.9 S., R.80 W., on right bank 4.2 miles upstream from junction of Lake Fork Creek and Arkansas River.

**GAGE.**--Water-stage recorder and satellite telemetry. Elevation of gage datum 9,720 ft. from topographic map.

**REMARKS.**--Record is complete and reliable for the entire year. Station maintained and records developed by L.R. Schultz.

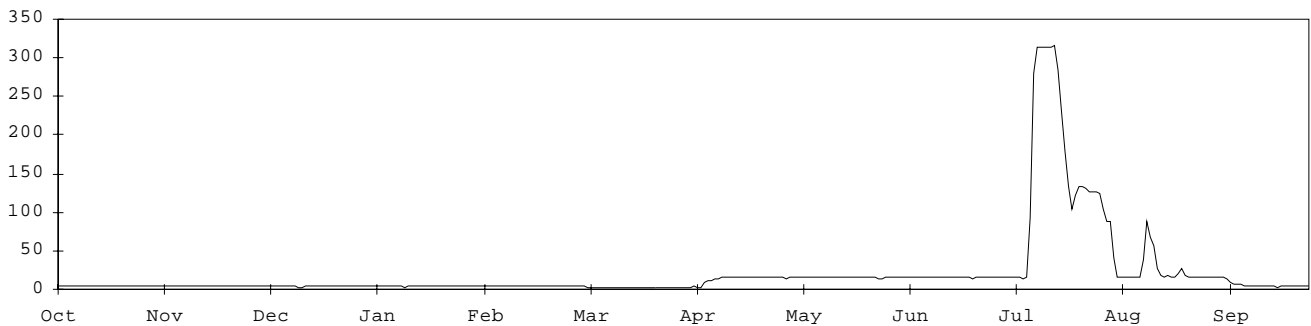
**RATING TABLE.**--LFCBSLCO04 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.7	3.8	3.7	3.4	3.5	3.4	3.1	14	15	15	103	16
2	3.7	3.9	3.7	3.4	3.5	3.4	3.1	15	15	15	89	16
3	3.7	3.7	3.7	3.4	3.5	3.4	3.3	15	15	15	89	16
4	4.0	3.7	3.7	3.4	3.6	3.3	3.4	15	15	15	41	16
5	3.7	3.7	3.7	3.4	3.6	3.1	3.2	15	15	15	16	16
6	3.7	3.7	3.7	3.4	3.6	3.1	3.1	15	15	16	16	13
7	3.7	3.7	3.7	3.4	3.5	3.1	8.1	15	15	16	16	10
8	3.7	3.7	3.4	3.4	3.4	3.1	12	15	16	15	16	7.7
9	3.7	3.7	3.4	3.4	3.4	3.2	12	15	15	14	16	6.4
10	3.7	3.7	3.3	3.2	3.4	3.2	13	15	15	15	16	6.5
11	3.7	3.7	3.3	3.4	3.4	3.2	14	15	16	93	16	5.6
12	3.7	3.7	3.5	3.4	3.5	3.1	15	15	16	279	16	4.9
13	3.7	3.7	3.5	3.4	3.4	3.2	15	15	15	313	38	4.9
14	3.7	3.7	3.4	3.4	3.4	3.3	15	15	15	313	87	4.9
15	3.7	3.7	3.4	3.4	3.4	3.3	15	15	15	313	67	4.5
16	3.7	3.7	3.4	3.4	3.4	3.2	15	15	15	314	56	4.0
17	3.7	3.7	3.4	3.4	3.4	3.1	15	15	15	315	28	4.0
18	3.7	3.7	3.4	3.4	3.4	3.1	15	15	15	316	17	3.8
19	3.7	3.7	3.4	3.4	3.4	3.1	15	15	15	284	16	3.5
20	3.7	3.7	3.4	3.4	3.4	3.1	15	15	15	230	17	3.4
21	3.6	3.7	3.4	3.4	3.4	3.1	15	15	15	178	16	3.2
22	3.4	3.7	3.4	3.4	3.4	3.1	15	15	15	134	16	3.4
23	3.4	3.7	3.4	3.4	3.4	3.1	15	15	15	105	20	3.4
24	3.7	3.7	3.4	3.4	3.7	3.0	15	15	14	123	27	3.4
25	3.8	3.7	3.4	3.4	3.7	3.1	15	15	15	134	18	3.4
26	3.7	3.7	3.4	3.4	3.7	3.1	15	15	15	134	15	3.4
27	3.7	3.7	3.4	3.4	3.7	3.1	15	15	15	131	15	3.4
28	3.7	3.7	3.4	3.4	3.7	3.1	15	14	15	127	16	3.6
29	3.7	3.7	3.4	3.4	---	3.1	15	14	16	127	16	3.6
30	3.7	3.7	3.4	3.4	---	3.1	15	15	15	127	16	3.5
31	3.5	---	3.4	3.4	---	3.1	---	15	---	124	16	---
TOTAL	114.2	111.3	107.5	105.2	97.8	98.0	363.3	462	453	4365	967	201.4
MEAN	3.68	3.71	3.47	3.39	3.49	3.16	12.1	14.9	15.1	141	31.2	6.71
AC-FT	227	221	213	209	194	194	721	916	899	8660	1920	399
MAX	4.0	3.9	3.7	3.4	3.7	3.4	15	15	16	316	103	16
MIN	3.4	3.7	3.3	3.2	3.4	3.0	3.1	14	14	14	15	3.2

CAL YR 1994 TOTAL 3437.5 MEAN 9.42 MAX 203 MIN 2.4 AC-FT 6820  
WTR YR 1995 TOTAL 7445.7 MEAN 20.4 MAX 316 MIN 3.0 AC-FT 14770

MAX DISCH 318 CFS AT 2030 15-JUL-1995 GH 1.80 FT. SHIFT 0.03 FT. MAX GH 1.80 FT. AT 2030 15-JUL-1995



ARKANSAS RIVER BASIN

07084500 LAKE CREEK ABOVE TWIN LAKES RESERVOIR, CO

**LOCATION.**--Lat 39°03'47", long 106°24'26", Lake County, Hydrologic Unit 11020001, on left bank 1.2 mi upstream from water line of Twin Lakes Reservoir at elevation 9,200 ft and 1.9 mi southwest of village of Twin Lakes.

**DRAINAGE AREA.**--75 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and satellite telemetry. Elevation of gage is 9,310 ft. Prior to May 20, 1950, at site 190 ft downstream, at different datum. May 20, 1950, to Apr. 7, 1953, at site 10 ft upstream, at present datum.

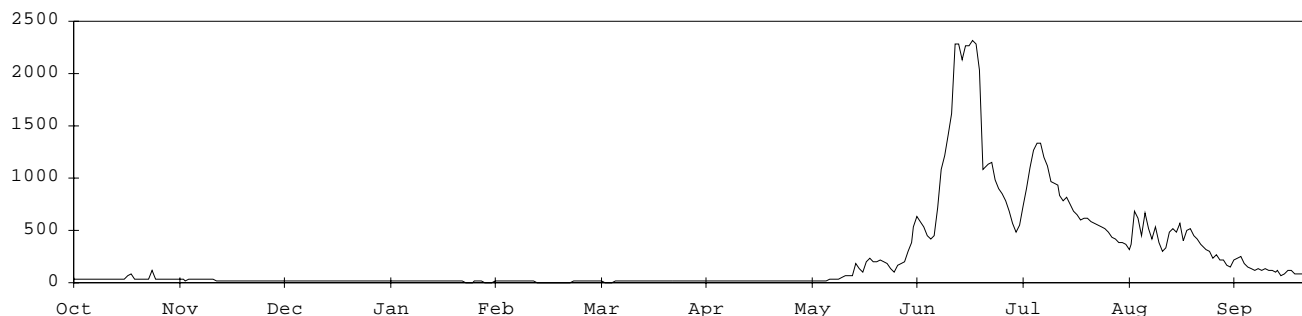
**REMARKS.**--Record is complete and reliable except for the following periods: Nov. 16, 1994-Apr. 13, 1995 when the station was closed for the winter. Apr. 1, 14-16, 18-25, 27, 30; May 1, 4, 6, 10, 17, 1995 when the stage-discharge relationship was affected by ice. Nov. 10-15, 1994 when the stilling well was frozen. Record fair, except for periods of no gage-height and ice effect, which is poor. Station maintained and records developed by L.R. Schultz.

**RATING TABLE.**--LAKATLCO18 USED FROM 01-OCT-1994 TO 26-JUN-1995  
LAKATLCO19 USED FROM 27-JUN-1995 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39	28	17	12	8.2	8.8	12	18	180	845	484	241
2	37	26	18	11	8.4	8.6	13	20	206	780	439	271
3	32	25	18	11	8.6	8.6	13	20	306	682	412	216
4	33	34	17	10	8.7	8.4	13	18	377	570	389	210
5	39	34	16	9.6	8.9	8.4	14	21	526	483	384	170
6	38	31	16	9.4	9.0	8.2	14	21	629	554	359	156
7	38	27	15	9.4	9.0	8.2	14	23	584	727	322	216
8	37	30	15	9.4	9.2	8.0	14	22	530	898	373	236
9	36	39	15	9.6	9.0	8.4	15	22	458	1100	682	252
10	36	28	14	9.7	8.9	9.0	15	22	421	1260	622	190
11	36	26	13	9.7	8.7	9.6	14	28	451	1330	456	143
12	35	25	13	9.6	8.6	10	13	31	720	1330	662	132
13	34	25	13	9.4	8.4	11	12	28	1080	1200	515	122
14	33	24	14	9.4	8.2	12	15	30	1210	1110	424	132
15	36	22	14	9.6	8.0	13	13	48	1420	965	534	110
16	35	22	13	9.8	7.8	14	14	67	1620	952	390	128
17	70	21	13	9.8	7.6	14	14	74	2280	927	293	121
18	81	20	13	9.6	7.4	13	13	69	2290	826	336	122
19	35	20	14	9.4	7.6	13	14	191	2130	788	482	108
20	29	20	14	9.2	7.8	12	14	132	2260	818	513	111
21	33	20	13	9.0	8.0	12	12	105	2270	746	478	75
22	32	19	13	8.6	8.0	12	13	200	2310	689	574	79
23	32	18	14	8.4	8.2	11	13	232	2290	649	405	115
24	120	18	14	8.0	8.2	11	13	196	2030	608	500	110
25	38	19	13	8.2	8.4	11	12	205	1080	616	523	85
26	31	20	12	8.3	8.4	11	14	211	1100	610	453	85
27	29	20	12	8.6	8.6	11	13	197	1140	584	420	84
28	27	19	12	8.8	8.6	12	16	186	1150	566	372	85
29	28	18	13	8.6	---	13	16	132	989	556	350	84
30	29	17	13	8.3	---	13	17	102	906	531	321	81
31	28	---	12	8.2	---	12	---	175	---	521	292	---
TOTAL	1216	715	436	289.6	234.4	335.2	412	2846	34943	24821	13759	4270
MEAN	39.2	23.8	14.1	9.34	8.37	10.8	13.7	91.8	1165	801	444	142
AC-FT	2410	1420	865	574	465	665	817	5650	69310	49230	27290	8470
MAX	120	39	18	12	9.2	14	17	232	2310	1330	682	271
MIN	27	17	12	8.0	7.4	8.0	12	18	180	483	292	75
CAL YR 1994 TOTAL	50852.9		MEAN	139	MAX	1280	MIN	8.0	AC-FT	100900		
WTR YR 1995 TOTAL	84277.2		MEAN	231	MAX	2310	MIN	7.4	AC-FT	167200		

MAX DISCH 2896 CFS AT 0015 18-JUN-1995 GH 5.06 FT. SHIFT 1.30 FT. MAX GH 5.26 FT. AT 2045 17-JUN-1995





ARKANSAS RIVER BASIN

LAKE CREEK BELOW TWIN LAKES RESERVOIR, CO

**LOCATION.**--Lat 39°04'34", long 106°18'35", in NE¼SE¼, sec. 22, T.11 S., R. 80 W., Lake County, on left bank 2.4 miles upstream from junction of Lake Creek and Arkansas River.

**GAGE.**--Water-stage recorder and concrete flume. Datum of gage is 9,200 ft. above mean sea level.

**REMARKS.**--Record good. Record complete and reliable for the entire year. Station maintained and records developed by L.R. Schultz.

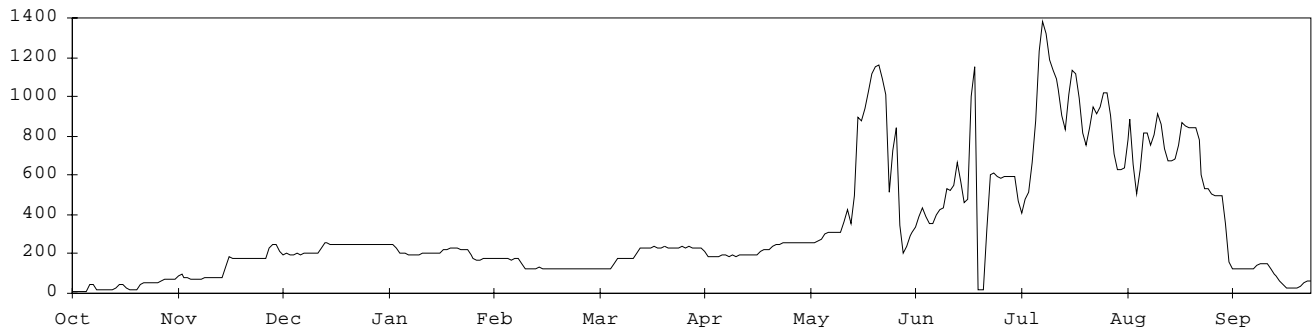
**RATING TABLE.**--LAKBTLCO07 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	85	214	250	174	126	234	260	342	588	1020	501
2	12	97	199	249	177	127	234	259	205	591	902	499
3	13	81	200	251	177	125	234	259	239	594	711	498
4	13	76	199	232	175	125	234	259	290	592	627	497
5	12	74	199	201	174	126	212	259	309	595	632	355
6	43	74	200	201	173	124	190	260	341	473	635	156
7	48	74	199	200	172	126	190	259	393	408	784	123
8	21	75	201	199	173	125	190	262	430	478	887	124
9	21	76	201	198	175	150	190	275	386	514	657	124
10	21	76	201	198	151	174	191	303	352	661	507	123
11	21	76	201	197	126	174	192	313	354	877	629	123
12	21	76	200	200	126	174	190	313	403	1230	817	124
13	21	76	232	201	125	174	192	314	426	1380	816	125
14	31	76	253	201	128	174	190	314	437	1320	756	138
15	41	135	253	201	129	174	191	312	533	1190	803	153
16	41	183	252	200	126	201	192	359	522	1130	910	152
17	28	179	250	204	126	226	194	426	553	1090	862	152
18	22	180	250	219	126	228	196	355	668	1040	736	121
19	22	179	251	223	125	228	196	500	564	902	676	98
20	22	178	247	226	124	230	195	899	463	834	677	88
21	44	177	246	227	124	235	212	881	480	1010	680	62
22	54	177	250	226	124	234	221	935	998	1130	754	42
23	54	176	252	225	126	234	221	1030	1150	1120	869	27
24	54	176	251	223	125	235	222	1120	15	990	848	27
25	54	176	249	224	124	234	239	1150	15	816	844	26
26	54	176	248	199	124	234	251	1160	14	751	844	25
27	64	176	249	176	125	233	250	1090	325	840	845	38
28	70	227	251	170	125	233	254	1010	604	949	784	51
29	70	250	252	170	---	235	258	513	610	910	601	62
30	70	248	252	176	---	234	260	728	595	951	531	62
31	70	---	251	173	---	235	---	842	---	1020	529	---
TOTAL	1144	4085	7153	6440	3979	5887	6415	17219	13016	26974	23173	4696
MEAN	36.9	136	231	208	142	190	214	555	434	870	748	157
AC-FT	2270	8100	14190	12770	7890	11680	12720	34150	25820	53500	45960	9310
MAX	70	250	253	251	177	235	260	1160	1150	1380	1020	501
MIN	12	74	199	170	124	124	190	259	14	408	507	25

CAL YR 1994 TOTAL 82093 MEAN 225 MAX 1110 MIN 12 AC-FT 162800  
WTR YR 1995 TOTAL 120181 MEAN 329 MAX 1380 MIN 12 AC-FT 238400

MAX DISCH 1518 CFS AT 2200 22-JUN-1995 GH 5.07 FT. SHIFT 0.00 FT. MAX GH 5.07 FT. AT 2200 22-JUN-1995



ARKANSAS RIVER BASIN

07086000 ARKANSAS RIVER AT GRANITE, CO

**LOCATION.**--Lat 39°02'34", long 106°15'55", in SE¼SW¼ sec. 31, T.11 S., R.79 W., Chaffee County, Hydrologic Unit 11020001, on right bank at Granite, 100 ft east of U.S. Highway 24, 100 ft downstream from county bridge, and 200 ft upstream from Cache Creek.

**DRAINAGE AREA.**--427 mi².

**GAGE.**--Water-stage recorder with satellite telemetry. Datum of gage is 8,914.86 ft above National Geodetic Vertical Datum of 1929, supplementary adjustment of 1960. Prior to Apr. 6, 1910, non-recording gages near present site at different datum's. Apr. 6, 1910, to Oct. 25, 1917, water-stage recorder or non-recording gage at site 832 ft upstream, at different datum. Oct. 26, 1917, to Oct. 26, 1960, water-stage recorder at site 168 ft downstream, at present datum.

**REMARKS.**--Record is complete and reliable except for the following periods: Jan. 30; Feb. 16-19, 21; Mar. 7-9, 1995 when stage-discharge relationship was affected by ice. Record good, except for periods of ice effect, which is poor. Station maintained and records developed by L.R. Schultz.

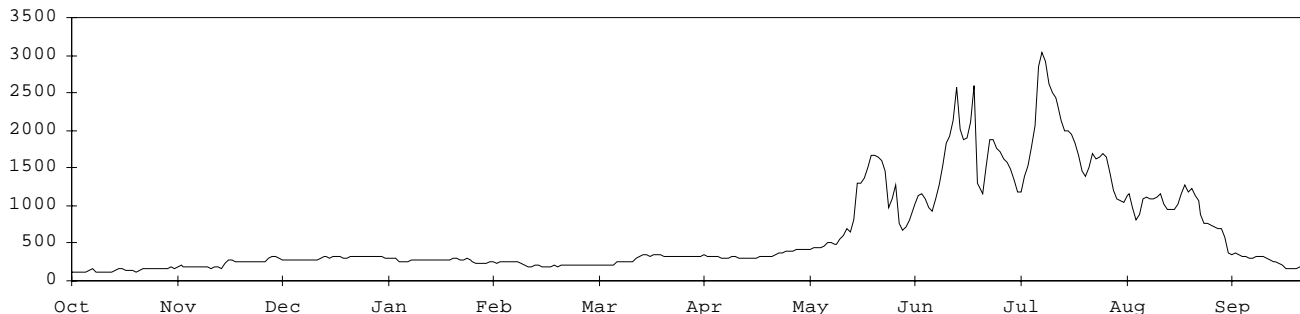
**RATING TABLE.**--ARKGRNC010 USED FROM 01-OCT-1994 TO 22-JUN-1995  
 ARKGRNC011 USED FROM 23-JUN-1995 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	114	194	296	306	245	206	323	391	771	1710	1640	732
2	110	205	279	305	253	203	324	412	671	1620	1440	714
3	109	191	278	305	243	206	322	423	712	1580	1210	690
4	108	179	284	292	247	201	335	407	816	1490	1100	684
5	112	174	286	257	253	200	338	416	881	1350	1060	570
6	145	178	289	260	250	206	322	428	1020	1180	1050	368
7	163	177	280	260	250	199	320	430	1130	1190	1130	338
8	127	178	280	265	256	199	332	429	1160	1380	1170	364
9	119	178	280	269	253	219	328	437	1100	1540	965	354
10	120	174	285	269	227	259	300	475	977	1780	801	334
11	124	173	271	269	199	259	293	502	930	2060	892	318
12	125	178	274	274	197	261	297	506	1080	2860	1100	310
13	124	174	294	271	193	255	319	488	1280	3040	1120	302
14	132	164	323	276	199	256	322	486	1520	2920	1090	318
15	152	221	315	277	199	258	304	548	1830	2620	1090	322
16	156	270	312	277	196	292	297	609	1920	2510	1120	314
17	145	267	316	271	196	333	302	698	2130	2430	1170	310
18	136	258	314	276	196	342	302	645	2570	2350	1010	286
19	134	264	313	286	196	343	308	803	2020	2140	950	263
20	126	260	309	287	199	326	305	1290	1880	1990	958	252
21	143	258	312	292	197	346	314	1290	1890	1990	950	232
22	157	257	316	292	200	356	321	1370	2100	1940	1030	207
23	156	248	324	289	201	338	321	1510	2600	1840	1150	173
24	154	248	330	289	202	336	321	1670	1300	1680	1270	170
25	153	250	325	292	202	330	336	1670	1200	1470	1180	167
26	153	244	320	274	202	326	357	1640	1150	1380	1230	167
27	160	248	319	253	202	322	366	1590	1530	1500	1130	179
28	169	302	320	241	206	320	376	1470	1880	1690	1070	197
29	169	322	323	238	---	325	385	975	1870	1620	871	246
30	175	321	330	237	---	328	391	1100	1760	1640	774	238
31	169	---	323	238	---	323	---	1280	---	1700	762	---
TOTAL	4339	6755	9420	8487	6059	8673	9781	26388	43678	58190	33483	10119
MEAN	140	225	304	274	216	280	326	851	1456	1877	1080	337
AC-FT	8610	13400	18680	16830	12020	17200	19400	52340	86640	115400	66410	20070
MAX	175	322	330	306	256	356	391	1670	2600	3040	1640	732
MIN	108	164	271	237	193	199	293	391	671	1180	762	167

CAL YR 1994 TOTAL 137338 MEAN 376 MAX 1710 MIN 92 AC-FT 272400  
 WTR YR 1995 TOTAL 225372 MEAN 617 MAX 3040 MIN 108 AC-FT 447000

MAX DISCH 3141 CFS AT 1145 13-JUL-1995 GH 5.96 FT. SHIFT 0.02 FT. MAX GH 5.96 FT. AT 1145 13-JUL-1995



ARKANSAS RIVER BASIN

07086500 CLEAR CREEK ABOVE CLEAR CREEK RESERVOIR, CO

**LOCATION.**--Lat 39°01'05", long 106°16'38", in SE¼ sec. 12, T,12 S., R.80 W., Chaffee County, Hydrologic Unit 11020001, on right bank 0.5 mi upstream from water line of Clear Creek Reservoir at elevation 8,875 ft, 1.5 mi downstream from unnamed tributary, and 1.9 mi southwest of Granite.

**DRAINAGE AREA.**--67.1 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder in a 42-inch diameter metal pipe shelter and well. Float-tape index installed Jul. 29, 1993.

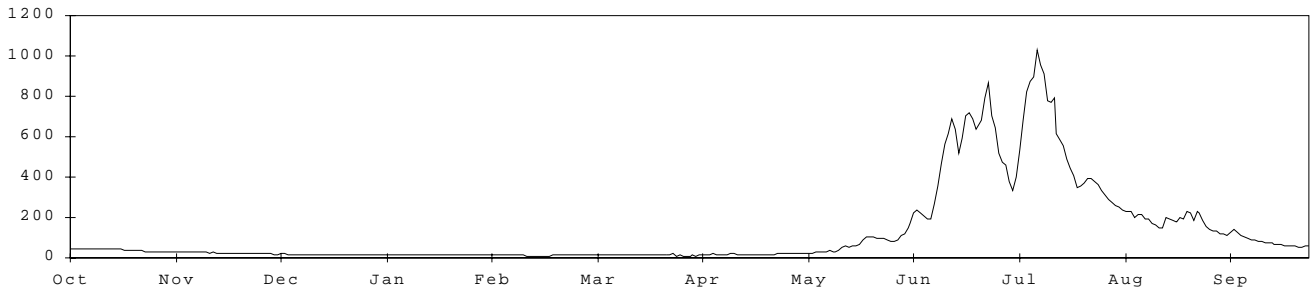
**REMARKS.**--Record is complete and reliable except for the following periods: Nov. 15, 1995-Mar. 15, 1995 when station was closed for the winter. Oct. 31; Nov. 5, 9-11, 14, 1994; Mar. 20, 23, 25-29; Apr. 2-3, 11, 20, 24, 1995 when stage-discharge relationship was affected by ice. Mar. 30-31; Apr 1, 1995 when water in stilling well was frozen. Record good, except that for periods of ice effect, water frozen in well, and when station was closed, which is poor. Station maintained and records developed by L.R. Schultz.

**RATING TABLE.**--CCACRC014 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48	28	18	14	12	12	11	21	88	522	311	144
2	47	28	19	13	13	12	12	25	113	477	287	135
3	44	28	19	13	13	12	10	24	122	456	274	130
4	43	28	18	13	13	13	12	23	150	376	256	122
5	45	27	18	13	13	14	13	25	169	337	251	117
6	47	27	17	13	13	13	16	24	222	401	239	113
7	46	27	17	13	13	13	18	25	234	530	226	127
8	44	27	16	13	13	12	19	28	222	682	230	144
9	43	27	15	14	12	12	18	28	207	820	226	127
10	42	26	15	14	12	12	14	28	189	875	200	113
11	42	25	15	14	12	13	13	32	196	897	215	104
12	42	26	15	14	11	14	16	36	269	1030	215	94
13	41	24	15	13	11	13	19	32	359	954	196	88
14	41	23	16	13	11	12	19	31	463	908	196	88
15	43	22	16	14	11	13	16	40	561	780	169	82
16	41	21	16	14	11	13	16	49	617	770	162	79
17	40	20	15	14	10	14	17	56	692	790	147	76
18	38	20	15	13	10	15	16	54	635	617	147	74
19	37	21	16	12	11	15	17	56	515	585	200	74
20	35	21	15	13	12	15	15	61	593	553	189	70
21	34	22	15	13	13	17	15	69	701	492	182	69
22	34	22	16	12	14	16	15	90	720	441	179	64
23	33	21	16	12	14	13	14	104	692	408	200	61
24	33	20	15	12	14	14	13	106	635	348	193	59
25	32	20	15	13	13	13	15	102	663	359	226	58
26	31	21	15	13	13	12	18	96	682	370	222	56
27	30	21	15	13	13	21	19	100	790	389	186	55
28	30	20	15	13	12	11	21	98	864	389	226	55
29	29	19	15	12	---	12	22	92	701	376	222	61
30	29	18	15	12	---	11	24	84	644	364	182	58
31	28	---	14	12	---	11	---	80	---	332	159	---
TOTAL	1192	700	492	404	343	413	483	1719	13708	17628	6513	2697
MEAN	38.5	23.3	15.9	13.0	12.3	13.3	16.1	55.5	457	569	210	89.9
AC-FT	2360	1390	976	801	680	819	958	3410	27190	34970	12920	5350
MAX	48	28	19	14	14	21	24	106	864	1030	311	144
MIN	28	18	14	12	10	11	10	21	88	332	147	55
CAL YR 1994 TOTAL	22980.4		MEAN	63.0	MAX	492	MIN	7.8	AC-FT	45580		
WTR YR 1995 TOTAL	46292		MEAN	127	MAX	1030	MIN	10	AC-FT	91820		

MAX DISCH 1297 CFS AT 0100 12-JUL-1995 GH 5.29 FT. SHIFT 0.00 FT. MAX GH 5.29 FT. AT 0100 12-JUL-1995



ARKANSAS RIVER BASIN

CLEAR CREEK BELOW CLEAR CREEK RESERVOIR, NEAR GRANITE, CO

LOCATION.--Lat 30°01'20", long 106°14'07", Lake County, on left bank 200 ft. upstream from junction Clear Creek and Arkansas River.

DRAINAGE AREA.--N/A

GAGE.--Graphic water stage recorder with satellite telemetry in a 5' shelter and well. DCP is operated by Pueblo Water Works and is seldom, if ever, operative.

REMARKS.--Record is complete and reliable the entire year, except for the following periods: Dec. 23-27, 1994 when the well was frozen; May 20-22, 1995 when clock weight hung up. Record is good, except those for periods when well was frozen or clock stopped, which is poor. Records developed by L.R. Schultz.

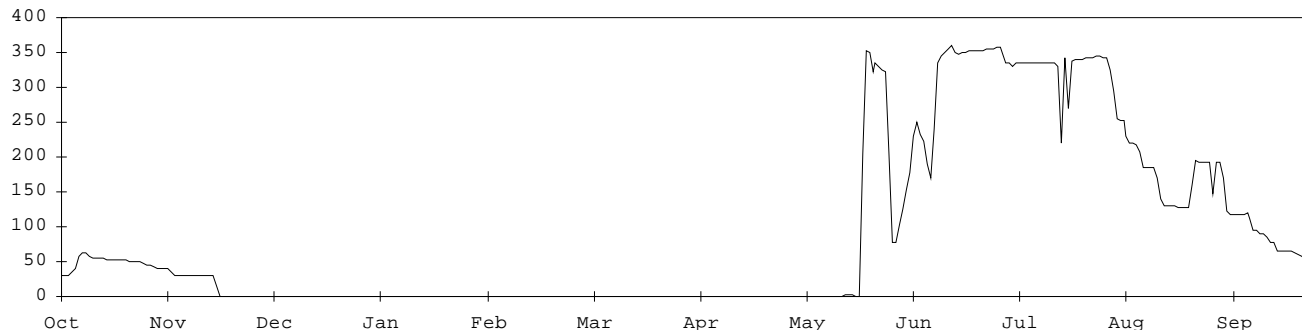
RATING TABLE.--CCBCCRC004 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	40	0.99	0.60	0.78	0.92	0.99	1.1	78	358	343	148
2	31	35	0.99	0.60	0.78	0.92	0.99	1.2	102	350	324	193
3	31	30	0.99	0.60	0.85	0.92	1.1	1.2	124	336	296	193
4	34	30	0.92	0.60	0.85	0.92	1.1	1.1	153	334	255	171
5	41	30	0.92	0.60	0.85	0.92	1.1	1.1	178	331	253	123
6	58	30	0.85	0.60	0.85	0.92	1.1	1.1	231	334	253	118
7	63	30	0.72	0.60	0.85	0.90	1.1	1.1	249	334	231	118
8	63	30	0.66	0.60	0.85	0.85	1.1	1.1	233	336	219	118
9	58	30	0.66	0.60	0.85	0.78	1.1	1.1	223	336	219	118
10	55	30	0.66	0.60	0.85	0.85	1.1	1.1	189	336	217	118
11	54	30	0.66	0.60	0.85	0.92	1.1	1.1	169	336	207	120
12	54	29	0.66	0.60	0.85	0.85	1.1	1.1	241	336	185	113
13	54	29	0.66	0.60	0.85	0.85	0.99	1.1	334	336	185	96
14	53	29	0.72	0.66	0.85	0.92	0.99	1.2	346	336	185	95
15	53	16	0.72	0.66	0.85	0.99	0.99	1.1	350	334	184	91
16	53	1.1	0.72	0.72	0.85	0.99	0.99	1.2	355	334	171	91
17	53	1.1	0.72	0.72	0.85	0.99	0.99	1.4	360	334	141	84
18	53	1.1	0.72	0.78	0.85	0.99	0.99	1.3	350	331	130	78
19	53	0.99	0.72	0.85	0.85	0.92	1.1	1.3	348	221	130	78
20	52	1.0	0.66	0.85	0.85	0.92	1.1	1.1	350	343	130	66
21	49	1.1	0.66	0.78	0.85	0.99	1.1	1.1	350	269	130	64
22	49	1.1	0.66	0.78	0.85	0.92	1.1	206	353	338	128	64
23	49	1.1	0.66	0.78	0.85	0.92	1.1	353	353	341	128	64
24	49	1.1	0.66	0.78	0.85	0.92	1.1	350	353	341	127	64
25	48	1.1	0.66	0.78	0.85	0.92	1.1	323	353	341	127	62
26	45	1.1	0.66	0.78	0.85	0.92	1.1	334	353	343	161	61
27	45	0.99	0.66	0.78	0.85	0.92	1.1	329	355	343	194	58
28	43	0.99	0.66	0.78	0.85	0.92	1.1	324	355	343	193	52
29	40	0.99	0.60	0.78	---	0.92	1.1	322	355	346	193	52
30	40	0.99	0.60	0.78	---	0.92	1.1	208	358	346	193	52
31	40	---	0.60	0.78	---	0.92	---	78	---	343	193	---
TOTAL	1494	463.85	22.40	21.62	23.66	28.43	32.12	2851.2	8501	10320	6025	2923
MEAN	48.2	15.5	0.72	0.70	0.85	0.92	1.07	92.0	283	333	194	97.4
AC-FT	2960	920	44	43	47	56	64	5660	16860	20470	11950	5800
MAX	63	40	0.99	0.85	0.85	0.99	1.1	353	360	358	343	193
MIN	31	0.99	0.60	0.60	0.78	0.78	0.99	1.1	78	221	127	52

CAL YR 1994 TOTAL 23227.95 MEAN 63.6 MAX 522 MIN 0.60 AC-FT 46070  
WTR YR 1995 TOTAL 32706.28 MEAN 89.6 MAX 360 MIN 0.60 AC-FT 64870

MAX DISCH 365 CFS AT 0820 18-JUN-1995 GH 3.12 FT. SHIFT 0.00 FT. MAX GH 3.12 FT. AT 0820 18-JUN-1995



ARKANSAS RIVER BASIN

07115000 COTTONWOOD CREEK AT BUENA VISTA, CO

**LOCATION.**--Lat 38°50'04", long 106°07'20", in NW¼NW¼NW¼, sec. 16, T.14 S., R. 78 W., in Chaffee County, on left bank, about 1500 ft. upstream from Arkansas River, and 1200 ft. upstream from bridge at Buena Vista High School.

**DRAINAGE AREA.**--N/A

**GAGE.**--Water-stage recorder with satellite telemetry. Datum of gage 7930 ft. from topographic map.

**REMARKS.**--Record is complete and reliable except for the following periods: Nov. 15-16; Dec. 9-13, 15-16, 18, 20, 22, 27-29, 1994; Jan. 1-7, 17-24, 28, 30; Feb. 10, 12-13, 16-17; Mar. 7-8, 20, 27, 30-31; Apr. 1, 1995 when stage-discharge relationship was affected by ice. Apr. 13-14, 1995 when instruments were not operating. May 15-16, 26-31; June 1-3, 1995 when there were intake and float malfunctions. Records good, except those for periods of ice effect, gage problems, and instrument malfunctions, which are poor. Station maintained and records developed by L.R. Schultz.

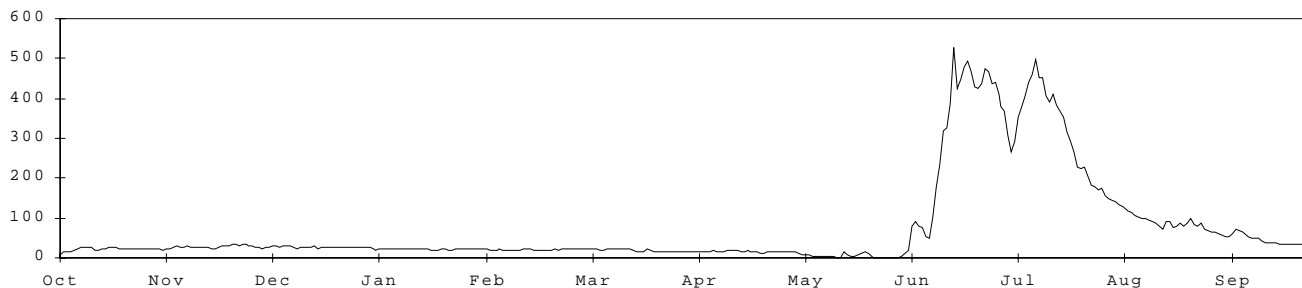
**RATING TABLE.**--COCRBCO04 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.1	21	28	19	22	21	15	16	0.40	412	156	64
2	14	21	29	22	22	21	15	15	1.6	379	148	63
3	14	25	29	22	20	21	15	14	2.4	370	143	59
4	15	29	28	22	20	21	16	13	9.6	308	140	57
5	18	28	29	23	20	21	16	9.1	20	266	133	55
6	21	28	30	23	21	21	16	7.5	81	294	129	52
7	25	29	29	23	20	19	15	7.0	90	352	125	60
8	26	28	28	24	20	20	16	4.4	80	379	118	73
9	26	25	21	23	20	21	18	3.7	76	405	113	67
10	25	25	25	23	20	21	17	3.8	55	439	105	63
11	19	25	27	23	20	21	16	4.6	50	460	101	57
12	19	27	26	23	20	21	17	5.1	102	499	98	54
13	21	26	28	22	21	21	18	4.1	178	452	97	50
14	23	24	29	22	22	21	19	3.2	237	452	96	51
15	26	23	24	22	21	22	18	1.2	319	405	92	48
16	25	27	26	22	20	21	18	1.5	328	392	86	43
17	26	31	28	19	19	18	17	14	388	411	78	39
18	24	31	27	18	20	17	17	6.1	527	382	73	37
19	24	32	26	20	20	17	19	3.9	424	367	92	38
20	23	33	25	21	20	16	17	3.9	450	352	90	37
21	23	33	26	21	20	22	16	7.0	478	316	77	35
22	22	32	26	20	21	19	14	11	494	294	80	34
23	21	33	26	20	20	17	13	15	468	264	88	33
24	21	33	26	21	21	17	13	12	431	227	80	34
25	21	32	26	24	21	16	15	5.0	424	224	87	33
26	21	32	25	22	21	17	17	0.50	436	229	99	33
27	22	26	26	22	21	17	16	0.57	476	206	83	33
28	22	27	26	22	21	17	15	0.42	466	184	80	34
29	21	24	25	21	---	17	16	0.45	438	178	86	33
30	21	27	25	21	---	17	17	0.40	439	171	74	34
31	20	---	23	22	---	16	---	0.40	---	173	67	---
TOTAL	658.1	837	822	672	574	594	487	193.84	7969.00	10242	3114	1403
MEAN	21.2	27.9	26.5	21.7	20.5	19.2	16.2	6.25	266	330	100	46.8
AC-FT	1310	1660	1630	1330	1140	1180	966	384	15810	20320	6180	2780
MAX	26	33	30	24	22	22	19	16	527	499	156	73
MIN	9.1	21	21	18	19	16	13	0.40	0.40	171	67	33

CAL YR 1994 TOTAL 10233.33 MEAN 28.0 MAX 222 MIN 0.65 AC-FT 20300  
WTR YR 1995 TOTAL 27565.94 MEAN 75.5 MAX 527 MIN 0.40 AC-FT 54680

MAX DISCH 667 CFS AT 0100 18-JUN-1995 GH 4.88 FT. SHIFT 0.00 FT. MAX GH 4.88 FT. AT 0100 18-JUN-1995



ARKANSAS RIVER BASIN

07091000 CHALK CREEK AT NATHROP, CO

**LOCATION.**--Lat 38°44'30", long 106°04'57", in SW¼SE¼NE¼SW¼ sec. 14, T.15 S., R.78 W., Chaffee County, on left bank, 640' north of the Junction of Co. Hwy. 162 and 285 on the frontage rd. parallel to 285, ¼ mi. south of Nathrop, Co., and 1 mi. west of the confluence of Chalk Creek and the Arkansas River.

**DRAINAGE AREA.**--N\A

**GAGE.**--Water-stage recorder with low concrete dam control. Elevation of gage 7660' from topographic map.

**REMARKS.**--Record is complete and reliable except for the following periods: Dec. 9, 10, 1994; Jan. 1, 2, 18, 23, 1995 and Feb. 12-13, 1995 when ice affected stage readings. May 1-8, 1995 when control dam was under construction. Record good, except for period of ice-effect or construction, which is poor. Station maintained and records developed by L.R. Schultz.

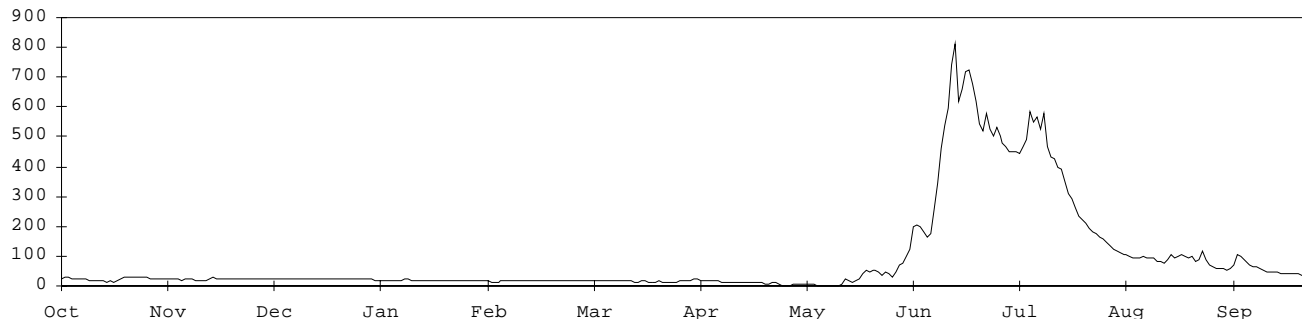
**RATING TABLE.**--CHCRNACO05 USED FROM 01-OCT-1994 TO 2-MAY-1995  
 CHCRNACO06 USED FROM 03-MAY-1995 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	25	21	19	15	17	19	2.6	48	503	147	62
2	28	25	22	19	15	17	19	3.2	70	481	135	56
3	28	23	21	19	14	18	21	3.2	78	469	123	59
4	26	22	23	19	14	17	21	3.2	97	452	118	56
5	26	19	24	19	14	18	19	3.2	124	451	113	52
6	25	23	26	19	16	18	19	3.2	199	450	106	56
7	25	22	26	19	16	17	17	3.2	204	444	104	70
8	23	23	26	20	16	17	17	3.1	196	469	99	107
9	20	20	23	21	16	17	18	2.8	181	492	96	100
10	20	19	22	21	16	17	17	2.4	163	584	95	85
11	20	20	22	20	16	17	14	2.4	173	552	96	78
12	18	19	23	19	16	17	11	2.4	255	565	97	72
13	15	24	23	19	16	17	9.5	1.9	343	524	96	67
14	13	28	24	20	16	17	10	1.9	462	580	94	62
15	15	23	23	20	17	18	10	1.6	536	466	94	58
16	14	21	23	20	16	15	9.5	6.4	595	433	84	52
17	18	22	24	19	16	14	10	26	740	428	80	49
18	23	22	23	19	17	13	10	16	813	399	77	48
19	28	23	22	19	17	15	13	11	622	391	85	47
20	30	23	22	20	17	15	14	15	662	351	104	45
21	31	23	22	20	17	14	9.0	25	716	307	95	43
22	31	23	22	19	17	14	9.0	38	727	292	97	43
23	31	23	22	19	17	14	9.0	53	677	264	106	41
24	31	22	22	19	17	16	8.6	49	621	233	99	41
25	32	23	21	19	17	14	8.6	53	543	220	96	42
26	30	23	21	20	17	14	11	53	519	209	99	41
27	23	22	21	19	17	14	10	48	578	193	82	37
28	23	21	22	19	17	11	5.3	35	527	182	88	35
29	21	21	22	18	---	11	1.6	46	502	175	117	37
30	23	21	22	17	---	17	2.0	38	532	166	88	42
31	21	---	20	15	---	18	---	30	---	159	72	---
TOTAL	735	668	700	594	452	488	372.1	582.7	12503	11884	3082	1683
MEAN	23.7	22.3	22.6	19.2	16.1	15.7	12.4	18.8	417	383	99.4	56.1
AC-FT	1460	1320	1390	1180	897	968	738	1160	24800	23570	6110	3340
MAX	32	28	26	21	17	18	21	53	813	584	147	107
MIN	13	19	20	15	14	11	1.6	1.6	48	159	72	35

CAL YR 1994 TOTAL 14970.5 MEAN 41.0 MAX 447 MIN 3.1 AC-FT 29690  
 WTR YR 1995 TOTAL 33743.8 MEAN 92.4 MAX 813 MIN 1.6 AC-FT 66930

MAX DISCH 985 CFS AT 0330 18-JUN-1995 GH 6.62 FT. SHIFT -0.03 FT. MAX GH 6.62 FT. AT 0330 18-JUN-1995



ARKANSAS RIVER BASIN

07091500 ARKANSAS RIVER AT SALIDA, CO

**LOCATION.**--Lat 38°32'45", long 106°00'36", in NE¼ sec. 31, T.50 N., R.9 E., Chaffee County on right bank at Salida, 450 ft. upstream from bridge on State Highway 291, and 2.7 mi. upstream from South Arkansas River.

**DRAINAGE AREA.**--1,218 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in 36 in. metal shelter and well. Datum of gage is 7,050.45 ft.

**REMARKS.**--Record good. Record is complete and reliable for the entire year. Station maintained and records developed by L. R. Schultz.

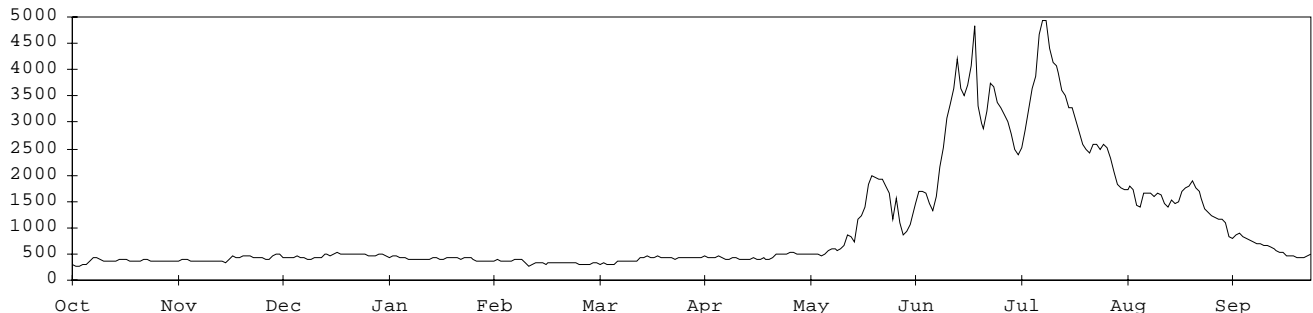
**RATING TABLE.**--ARKSALCO25 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	285	367	506	464	369	312	414	516	1080	3270	2510	1210
2	277	396	441	445	379	314	418	509	858	3130	2330	1190
3	280	390	435	452	384	320	421	513	934	3000	2060	1170
4	290	383	439	454	372	317	442	487	1060	2780	1830	1150
5	310	367	442	419	376	309	460	490	1180	2480	1770	1080
6	349	374	453	423	379	326	433	505	1460	2390	1730	830
7	418	369	440	421	379	291	433	490	1690	2530	1720	779
8	417	366	440	408	390	293	436	490	1690	2860	1800	855
9	392	358	413	412	394	299	470	476	1660	3250	1720	898
10	377	360	407	411	390	359	421	504	1460	3650	1430	824
11	373	361	419	410	331	375	396	560	1340	3860	1400	782
12	371	368	414	411	271	372	393	582	1580	4680	1650	750
13	368	371	432	407	297	360	414	586	2140	4940	1670	714
14	356	360	487	412	326	359	441	562	2520	4950	1670	706
15	387	333	483	418	327	365	410	594	3090	4390	1580	699
16	390	412	473	416	316	369	397	648	3360	4150	1660	669
17	393	449	481	407	310	420	405	849	3650	4080	1620	646
18	377	438	514	404	318	429	399	829	4210	3930	1470	634
19	371	442	483	429	319	454	429	729	3640	3600	1380	596
20	370	456	502	438	319	430	400	1160	3510	3520	1520	573
21	361	450	489	437	318	437	396	1220	3700	3290	1450	540
22	385	449	481	432	319	466	414	1390	4070	3280	1490	514
23	383	419	487	411	319	438	412	1820	4840	3060	1700	469
24	379	415	491	423	318	434	406	1990	3320	2830	1750	449
25	379	422	489	435	317	430	414	1940	2970	2580	1790	455
26	373	428	482	435	319	428	487	1920	2890	2470	1880	436
27	356	402	478	396	313	413	484	1910	3210	2430	1740	427
28	371	402	473	375	309	426	483	1780	3740	2580	1690	434
29	364	472	471	368	---	416	495	1650	3660	2590	1540	457
30	365	488	484	363	---	415	516	1170	3370	2490	1350	498
31	371	---	481	364	---	415	---	1540	---	2590	1290	---
TOTAL	11238	12067	14410	12900	9478	11791	12939	30409	77882	101630	52190	21434
MEAN	363	402	465	416	339	380	431	981	2596	3278	1684	714
AC-FT	22290	23930	28580	25590	18800	23390	25660	60320	154500	201600	103500	42510
MAX	418	488	514	464	394	466	516	1990	4840	4950	2510	1210
MIN	277	333	407	363	271	291	393	476	858	2390	1290	427

CAL YR 1994 TOTAL 214997 MEAN 589 MAX 3020 MIN 243 AC-FT 426400  
WTR YR 1995 TOTAL 368368 MEAN 1009 MAX 4950 MIN 271 AC-FT 730700

MAX DISCH 5140 CFS AT 0900 14-JUL-1995 GH 5.50 FT. SHIFT 0.00 FT. MAX GH 5.50 FT. AT 0900 14-JUL-1995



ARKANSAS RIVER BASIN

07093700 ARKANSAS RIVER NEAR WELLSVILLE, CO

**LOCATION.**--Lat 38°30'10", long 105°56'21", in SW¼NE¼ sec. 14, T.49 N., R.9 E., Chaffee County, Hydrologic Unit 11020001, on right bank 50 ft upstream from Chaffee-Fremont County line, 2.0 mi northwest of Wellsville, 2.8 mi downstream from South Arkansas River, and 3.5 mi southeast of Salida.

**DRAINAGE AREA.**--1,485 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder (manometer activated) with satellite telemetry with supplemental outside gage. DCP is the primary record. Datum of gage is 6,883.4 ft above National Geodetic Vertical Datum of 1929 (river-profile survey).

**REMARKS.**--Record is complete and reliable except for the following periods: Jan. 23; Feb. 12-13, 1995 when manometer system malfunctioned. Record good, except that for periods of manometer malfunction, which is poor. Station maintained and records developed by L.R. Schultz.

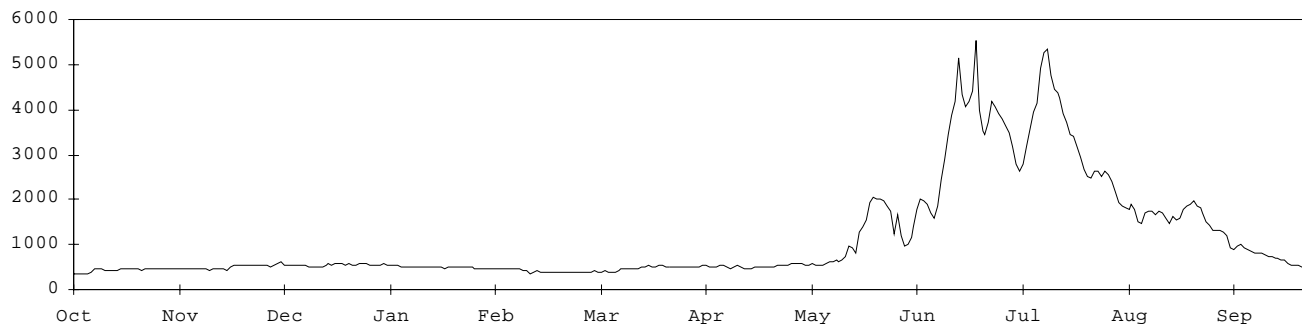
**RATING TABLE.**--ARKWELCO06 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	344	454	603	538	456	393	510	587	1200	3790	2560	1320
2	336	480	556	543	458	399	515	573	950	3620	2400	1300
3	333	479	542	543	462	408	518	579	1020	3480	2160	1300
4	340	481	540	543	452	405	538	550	1180	3160	1940	1270
5	360	454	543	519	453	398	542	554	1390	2770	1870	1190
6	404	455	552	504	456	412	519	569	1770	2640	1830	924
7	464	454	546	493	456	383	512	553	2020	2790	1800	880
8	472	453	540	495	453	385	512	543	1990	3160	1880	953
9	446	454	505	496	455	393	554	539	1910	3550	1800	1010
10	432	445	496	496	442	438	524	566	1720	3950	1500	936
11	424	450	510	488	424	462	488	613	1580	4150	1460	889
12	420	459	512	493	350	461	482	635	1850	4920	1700	863
13	414	459	519	496	380	451	506	643	2440	5250	1730	825
14	410	452	552	500	409	449	528	626	2920	5360	1740	823
15	459	425	563	499	405	453	497	647	3440	4780	1680	815
16	467	493	558	496	391	459	478	728	3880	4470	1740	778
17	472	552	563	489	388	502	470	951	4200	4360	1720	748
18	464	548	566	474	396	510	474	920	5130	4260	1580	728
19	452	543	562	501	397	535	501	814	4340	3900	1470	704
20	449	557	558	520	398	516	492	1270	4060	3710	1630	681
21	440	544	563	514	400	519	487	1390	4170	3440	1550	650
22	458	543	558	503	397	554	485	1550	4430	3410	1580	643
23	457	529	560	500	402	527	487	1930	5520	3190	1790	589
24	459	528	563	507	398	522	486	2070	3980	2930	1850	560
25	458	539	563	511	391	521	486	2020	3540	2670	1900	549
26	456	547	563	516	395	521	549	2010	3450	2530	1990	530
27	450	524	559	480	391	512	548	1980	3700	2480	1850	519
28	457	501	558	462	392	518	547	1850	4180	2620	1810	522
29	454	543	561	455	---	519	555	1750	4080	2630	1700	549
30	449	588	560	452	---	509	582	1220	3910	2530	1510	595
31	452	---	567	454	---	514	---	1650	---	2640	1420	---
TOTAL	13352	14933	17061	15480	11647	14548	15372	32880	89950	109140	55140	24643
MEAN	431	498	550	499	416	469	512	1061	2998	3521	1779	821
AC-FT	26480	29620	33840	30700	23100	28860	30490	65220	178400	216500	109400	48880
MAX	472	588	603	543	462	554	582	2070	5520	5360	2560	1320
MIN	333	425	496	452	350	383	470	539	950	2480	1420	519

CAL YR 1994 TOTAL 245893 MEAN 674 MAX 3200 MIN 293 AC-FT 487700  
WTR YR 1995 TOTAL 414146 MEAN 1135 MAX 5520 MIN 333 AC-FT 821500

MAX DISCH 5805 CFS AT 0815 23-JUN-1995 GH 8.40 FT. SHIFT -0.04 FT. MAX GH 8.40 FT. AT 0815 23-JUN-1995





ARKANSAS RIVER BASIN

07095000 GRAPE CREEK NEAR WESTCLIFFE, CO

**LOCATION.**--Lat 38°11'10", long 105°28'59", in NW¼NW¼ sec. 31, T.21 S., R.72 W., Custer County, Hydrologic Unit 110200001, on left bank 0.5 mi upstream from water line of De Weese Reservoir at elevation 7,665 ft, 0.5 mi downstream from Swift Creek, and 3.6 mi northwest of Westcliffe.

**DRAINAGE AREA.**--320 mi².

**GAGE.**--Water-stage recorder with satellite telemetry in 48" corrugated pipe shelter. DCP is the primary record. Elevation of gage is 7,690 ft, from topographic map. Prior to Mar, 17, 1939, at site 30 ft upstream at present datum.

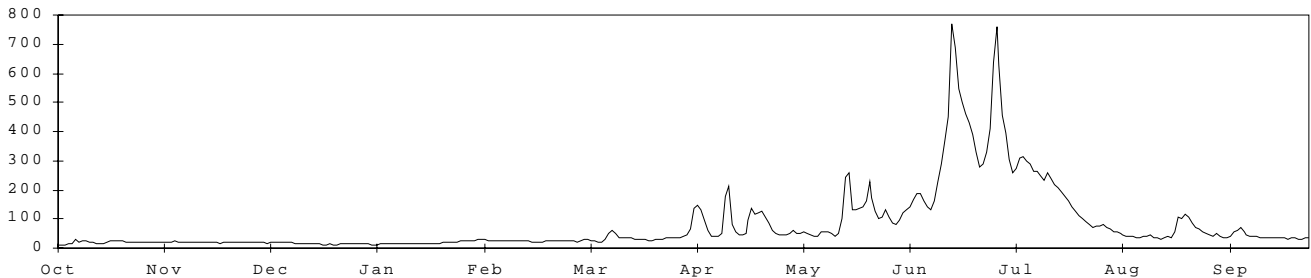
**REMARKS.**--Record is complete and reliable except for the following periods: Nov. 13-21, 23-28; Dec. 1, 7, 23, 1994; Jan. 11-19; Feb. 3-8, 11-21, 23-27; Mar. 1-2, 5-9, 26-31; Apr. 1-2, 10-12, 1995 when stage-discharge relationship was affected by ice. Nov. 29-30; Dec. 2-6, 8-22, 25-31, 1994; Jan. 1-10, 20-31; Feb. 1-2, 9-10, 1995 when the well was frozen. Record good except for periods of no gage-height or ice affected record, which is poor. Station maintained and records developed by Div. II staff.

**RATING TABLE.**--GRAWESCO8 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	20	17	12	30	22	38	48	86	758	80	45
2	11	19	19	12	28	26	44	52	79	630	71	41
3	11	20	20	13	26	28	66	63	96	457	64	49
4	13	23	21	13	25	31	137	50	124	396	58	39
5	16	21	21	14	25	27	146	50	132	306	55	34
6	28	22	20	14	26	25	131	56	144	260	51	33
7	18	21	20	14	26	22	98	49	167	274	48	41
8	25	21	19	15	24	21	59	46	189	311	43	54
9	24	22	17	15	25	29	42	41	185	314	43	62
10	19	21	16	16	23	50	40	41	161	300	43	72
11	18	21	15	16	24	61	43	57	142	290	36	55
12	17	21	14	16	25	51	52	56	133	262	37	46
13	17	20	13	15	25	35	176	58	161	264	41	43
14	17	19	13	15	25	34	214	49	230	250	42	39
15	20	18	14	16	24	33	79	42	291	234	46	38
16	23	19	13	16	20	33	54	50	368	256	37	37
17	26	17	12	17	19	34	48	102	451	236	33	33
18	26	18	12	16	20	32	47	244	771	217	31	33
19	25	19	13	16	22	31	50	260	688	207	33	34
20	23	19	12	17	24	29	97	132	546	191	42	34
21	21	19	12	19	25	29	135	132	501	178	35	36
22	21	19	13	21	26	27	116	135	459	163	57	36
23	21	18	14	20	26	26	122	140	429	143	107	33
24	21	18	14	21	26	30	127	162	390	129	99	32
25	21	19	15	22	27	29	107	228	330	110	114	37
26	21	20	15	23	26	30	87	170	280	102	104	34
27	21	20	14	24	26	34	63	128	290	90	87	31
28	20	19	14	26	25	34	52	101	327	83	72	30
29	20	19	13	26	---	34	46	107	409	72	66	33
30	21	18	13	27	---	36	48	131	639	74	56	37
31	21	---	12	29	---	37	---	106	---	78	52	---
TOTAL	618	590	470	556	693	1000	2564	3086	9198	7635	1783	1201
MEAN	19.9	19.7	15.2	17.9	24.8	32.3	85.5	99.5	307	246	57.5	40.0
AC-FT	1230	1170	932	1100	1370	1980	5090	6120	18240	15140	3540	2380
MAX	28	23	21	29	30	61	214	260	771	758	114	72
MIN	11	17	12	12	19	21	38	41	79	72	31	30
CAL YR 1994 TOTAL	15624.9		MEAN	42.8	MAX	355	MIN	7.2	AC-FT	30990		
WTR YR 1995 TOTAL	29394		MEAN	80.5	MAX	771	MIN	11	AC-FT	58300		

MAX DISCH 869 CFS AT 1700 18-JUN-1995 GH 3.55 FT. SHIFT -0.01 FT. MAX GH 3.55 FT. AT 1700 18-JUN-1995



ARKANSAS RIVER BASIN

07096000 ARKANSAS RIVER AT CANON CITY, CO

**LOCATION.**--Lat 38°26'02", long 105°15'24", in SE¼SE¼ sec. 31, T.18 S., R.70 W., Fremont County, Hydrologic Unit 11020002, on right bank 800 ft upstream from Sand Creek, 0.7 mi downstream from Grape Creek, and 0.7 mi upstream from First Street Bridge in Canon City.

**DRAINAGE AREA.**--3,117 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in 42-inch metal pipe shelter and well. Datum of gage is 5,342.13 ft above National Geodetic Vertical Datum of 1929.

**REMARKS.**--Record is complete and reliable except for the following periods: Dec. 25, 1994-Mar. 31, 1995 when intakes were plugged because of mud and debris from cableway construction. Record good, except for periods of intakes plugging and ice effect, which is poor. Station maintained and records developed by L.R. Schultz.

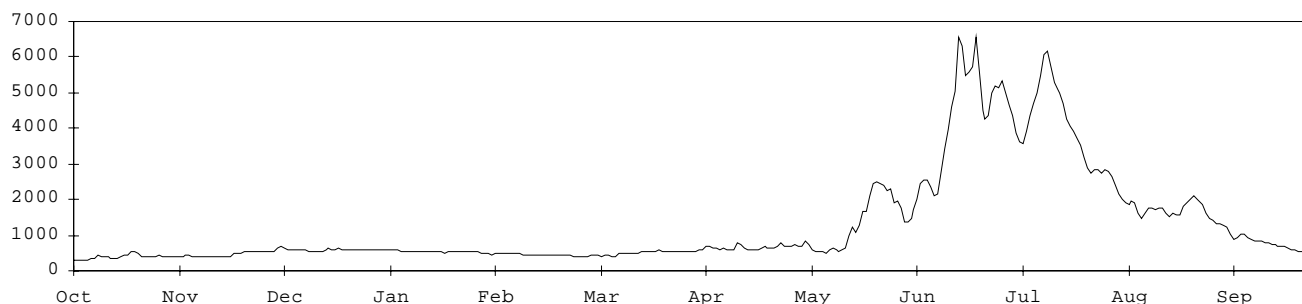
**RATING TABLE.**--ARKCANCO22 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	287	386	663	575	460	415	540	716	1780	5320	2800	1410
2	285	402	641	575	470	420	537	681	1380	5010	2660	1310
3	278	421	590	570	470	420	572	681	1360	4660	2390	1340
4	278	425	583	570	470	425	602	811	1480	4340	2130	1290
5	292	407	589	560	470	415	668	735	1700	3850	2000	1230
6	338	388	595	540	470	430	674	583	2030	3610	1930	1050
7	364	397	604	540	470	420	650	560	2450	3590	1850	902
8	442	395	585	530	470	410	623	557	2540	3940	1950	949
9	399	397	548	530	470	415	610	517	2530	4360	1920	1010
10	380	390	520	530	460	475	640	487	2330	4710	1600	1040
11	372	385	537	530	440	485	576	567	2090	4980	1480	951
12	362	392	551	525	430	485	566	641	2160	5470	1610	886
13	359	411	552	520	420	480	603	572	2800	6080	1750	839
14	366	398	599	520	420	470	762	552	3450	6160	1760	810
15	398	379	618	520	420	470	730	594	3970	5720	1730	822
16	434	372	591	520	420	495	618	659	4620	5280	1740	792
17	451	505	608	515	430	520	567	1000	5060	5090	1760	769
18	540	505	620	510	430	530	576	1230	6580	4980	1620	751
19	518	502	610	525	425	560	607	1100	6300	4680	1510	734
20	482	536	595	550	425	550	595	1250	5500	4280	1630	705
21	397	540	602	540	425	540	646	1640	5560	4040	1580	679
22	397	556	586	530	425	580	665	1680	5730	3920	1580	667
23	411	535	572	530	425	555	646	2120	6540	3720	1790	634
24	393	532	580	530	420	550	653	2430	5580	3510	1930	576
25	395	549	600	540	415	550	640	2510	4520	3160	2020	570
26	423	549	595	540	415	550	695	2470	4260	2910	2120	559
27	400	539	580	525	415	550	766	2390	4340	2760	2030	529
28	386	532	585	520	415	550	709	2240	5010	2830	1910	521
29	392	543	595	500	---	550	661	2290	5190	2860	1860	543
30	386	620	580	485	---	550	683	1890	5150	2760	1620	596
31	396	---	590	470	---	540	---	1970	---	2830	1480	---
TOTAL	12001	13888	18264	16465	12295	15355	19080	38123	113990	131410	57740	25464
MEAN	387	463	589	531	439	495	636	1230	3800	4239	1863	849
AC-FT	23800	27550	36230	32660	24390	30460	37850	75620	226100	260700	114500	50510
MAX	540	620	663	575	470	580	766	2510	6580	6160	2800	1410
MIN	278	372	520	470	415	410	537	487	1360	2760	1480	521

CAL YR 1994 TOTAL 253307 MEAN 694 MAX 3600 MIN 206 AC-FT 502400  
WTR YR 1995 TOTAL 474075 MEAN 1299 MAX 6580 MIN 278 AC-FT 940300

MAX DISCH 6900 CFS AT 1115 18-JUN-1995 GH 10.90 FT. SHIFT 0.11 FT. MAX GH 10.90 FT. AT 1115 18-JUN-1995



ARKANSAS RIVER BASIN

07097000 ARKANSAS RIVER AT PORTLAND, CO

**LOCATION.**--Lat 38°23'18", long 105°00'56", in NE¼NE¼ sec. 20, T.19 S., R.68 W., Fremont County, Hydrologic Unit 11020002, on right bank at bridge on State Highway 120 at Portland and 1 mi downstream from Hardscrabble Creek.

**DRAINAGE AREA.**--4,024 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry. Datum of gage is 5,021.59 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1974, at site 400 ft downstream at datum 0.03 ft, lower.

**REMARKS.**--Record is good except for the following periods: Jan. 2-6; Feb. 12-14, 1995 when ice affected stage-discharge relationship. July 8-19, 1995 when there were intake and float-tape problems. DCP data is the primary source of data for station. Record is good, except for periods of ice effect and when float hung up, which is poor. Station maintained and records developed by Frank P. Kipple.

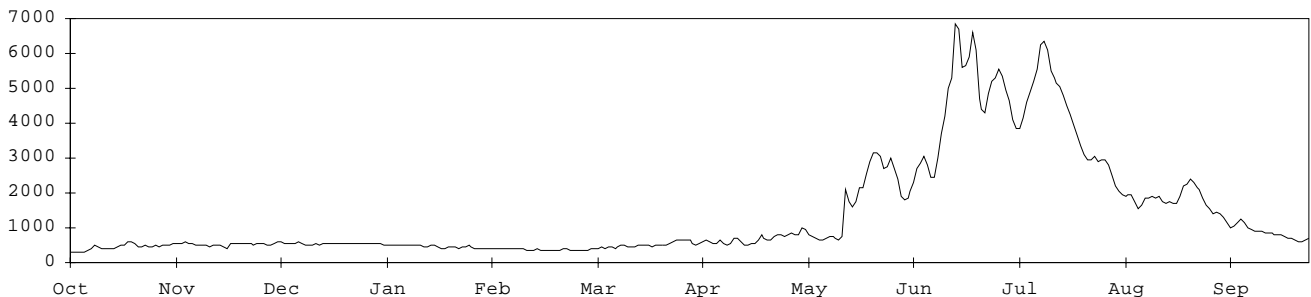
**RATING TABLE.**--ARKPORCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	289	533	617	519	400	372	637	847	2410	5560	2940	1550
2	293	544	608	490	400	369	566	804	1880	5340	2800	1410
3	282	570	570	480	404	388	517	813	1810	4970	2480	1450
4	312	579	551	485	391	396	535	995	1850	4630	2210	1400
5	314	552	559	486	393	389	600	963	2040	4090	2030	1320
6	347	528	565	485	399	428	642	805	2290	3850	1960	1160
7	387	500	585	480	398	410	606	750	2690	3830	1910	990
8	479	480	555	478	395	439	572	714	2870	4160	1970	1050
9	454	481	525	486	398	465	572	662	3060	4590	1950	1170
10	423	476	480	486	397	391	631	632	2780	4890	1750	1260
11	406	463	503	483	394	470	529	687	2450	5180	1570	1170
12	384	478	529	477	345	499	510	762	2430	5540	1650	1020
13	400	496	513	469	340	484	527	732	3010	6230	1840	974
14	409	477	534	466	360	450	680	680	3700	6340	1870	925
15	443	455	554	480	386	446	703	669	4200	6100	1880	923
16	488	425	553	476	352	455	580	733	4990	5480	1850	884
17	517	541	564	451	337	479	522	2080	5280	5280	1880	850
18	591	550	564	412	333	504	517	1770	6830	5130	1750	831
19	580	529	566	421	346	489	568	1610	6710	5060	1720	838
20	556	563	547	463	363	524	560	1750	5590	4810	1740	819
21	466	549	541	474	372	474	650	2160	5640	4490	1710	817
22	455	550	555	453	374	497	779	2140	5910	4250	1710	796
23	490	536	555	421	377	524	694	2570	6590	3940	1880	759
24	474	512	561	441	383	479	639	2910	6100	3660	2180	695
25	465	536	569	472	371	478	650	3170	4720	3350	2270	679
26	477	539	559	478	359	528	732	3130	4390	3080	2410	645
27	454	529	546	461	363	606	806	3050	4320	2940	2320	620
28	479	481	540	422	367	638	789	2710	4840	2970	2140	614
29	512	485	541	414	---	647	774	2750	5220	3040	2100	631
30	523	573	553	386	---	634	792	2990	5290	2910	1870	682
31	536	---	553	400	---	632	---	2690	---	2950	1640	---
TOTAL	13685	15510	17115	14295	10497	14984	18879	49728	121890	138640	61980	28932
MEAN	441	517	552	461	375	483	629	1604	4063	4472	1999	964
AC-FT	27140	30760	33950	28350	20820	29720	37450	98640	241800	275000	122900	57390
MAX	591	579	617	519	404	647	806	3170	6830	6340	2940	1550
MIN	282	425	480	386	333	369	510	632	1810	2910	1570	614

CAL YR 1994 TOTAL 273767 MEAN 750 MAX 3850 MIN 282 AC-FT 543000  
WTR YR 1995 TOTAL 506135 MEAN 1387 MAX 6830 MIN 282 AC-FT 1004000

MAX DISCH 7466 CFS AT 1900 18-JUN-1995 GH 8.51 FT. SHIFT 0.10 FT. MAX GH 8.51 FT. AT 1900 18-JUN-1995



ARKANSAS RIVER BASIN

07099400 ARKANSAS RIVER ABOVE PUEBLO, CO

**LOCATION.**--Lat 38°16'18", long 104°43'03", in SE¼NE¼ sec. 36, T.20 S., R.66 W., Pueblo County, Hydrologic Unit 11020002, on left bank of Arkansas River, 200' downstream from NE corner of Arkansas River bridge, approx. 0.4 mi. downstream from Pueblo Dam, and 7 mi. West of Pueblo.

**DRAINAGE AREA.**--4,670 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry. Elevation of gage is 4,740 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to Mar. 23, 1967, at site 730 ft upstream at datum 1.23 ft. higher. May 24, 1974, to Feb. 24, 1975, at site 2,000 ft downstream, at different datum.

**REMARKS.**--Record is complete and reliable for entire water year, except for the period Nov. 14-17, 1994, when floats were resting on sand. Record is good, except for that period when floats were on mud and sand, which is poor. Station maintained and records developed by Frank P. Kipple.

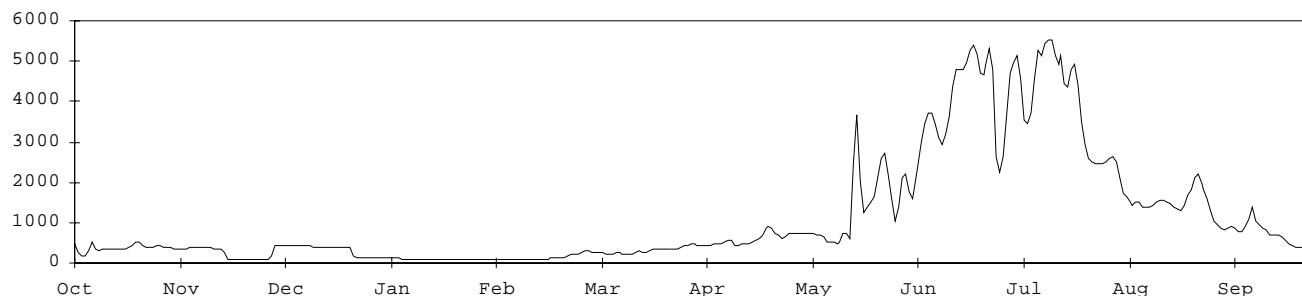
**RATING TABLE.**--ARKPUECO15 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	484	346	419	114	77	305	460	734	2100	2640	2580	1030
2	272	338	418	114	78	272	446	736	2210	3650	2620	931
3	178	352	415	114	79	256	436	736	1750	4690	2500	871
4	182	380	415	115	79	256	435	742	1610	4970	2100	834
5	310	392	415	102	79	256	435	741	1870	5150	1720	848
6	515	392	413	94	79	222	448	741	2400	4570	1650	894
7	338	392	412	94	79	205	479	700	2960	3540	1490	868
8	305	392	413	94	80	207	487	689	3460	3450	1410	769
9	342	393	411	83	81	269	489	629	3700	3710	1520	794
10	364	393	410	73	82	241	507	520	3710	4560	1510	914
11	355	365	409	73	82	207	568	503	3470	5250	1400	1100
12	340	351	409	73	82	205	545	524	3110	5150	1400	1360
13	343	351	407	74	82	207	444	484	2950	5420	1400	1040
14	344	258	407	74	82	207	427	539	3200	5530	1430	944
15	344	104	407	73	81	261	468	723	3620	5520	1510	880
16	344	104	408	73	82	282	486	755	4340	5130	1540	825
17	376	104	409	74	96	255	486	609	4780	4910	1540	701
18	420	103	405	74	131	253	534	2480	4780	5140	1510	699
19	500	104	405	75	131	315	570	3690	4790	4440	1460	692
20	528	105	406	76	131	355	607	2010	4950	4350	1390	692
21	453	106	408	76	131	349	698	1260	5270	4810	1330	650
22	386	107	190	76	147	339	864	1360	5390	4910	1310	564
23	386	107	112	76	182	340	910	1490	5170	4420	1440	486
24	396	107	112	76	205	356	844	1620	4690	3510	1670	431
25	414	107	112	76	216	364	718	2130	4680	2940	1800	385
26	411	107	112	77	219	346	695	2600	4930	2600	2110	369
27	408	107	113	77	238	358	604	2700	5310	2520	2190	395
28	408	168	114	77	292	379	664	2200	4770	2470	1970	446
29	378	448	114	77	---	418	713	1600	2620	2470	1800	468
30	363	419	114	77	---	437	734	1040	2250	2480	1590	468
31	364	---	114	77	---	455	---	1380	---	2510	1290	---
TOTAL	11551	7502	9828	2578	3403	9177	17201	38665	110840	127410	52180	22348
MEAN	373	250	317	83.2	122	296	573	1247	3695	4110	1683	745
AC-FT	22910	14880	19490	5110	6750	18200	34120	76690	219900	252700	103500	44330
MAX	528	448	419	115	292	455	910	3690	5390	5530	2620	1360
MIN	178	103	112	73	77	205	427	484	1610	2470	1290	369

CAL YR 1994 TOTAL 271296 MEAN 743 MAX 5000 MIN 103 AC-FT 538100  
WTR YR 1995 TOTAL 412683 MEAN 1131 MAX 5530 MIN 73 AC-FT 818600

MAX DISCH 5622 CFS AT 0845 14-JUL-1995 GH 7.10 FT. SHIFT -0.04 FT. MAX GH 7.10 FT. AT 0845 14-JUL-1995



ARKANSAS RIVER BASIN

07111000 HUERFANO RIVER AT MANZANARES CROSSING NEAR REDWING, CO

**LOCATION.**--Lat 37°43'40", long 105°21'03", in sec 5, T.27 S., R.71 W., Huerfano County, on left bank at Manzanares crossing, 500 ft downstream from private bridge, .2 mi downstream from Manzanares Creek, and 3.5 mi southwest of Redwing.

**DRAINAGE AREA.**--73 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder in 4 foot diameter culvert pipe shelter and well.

**REMARKS.**--Record complete and reliable except for the following periods: Nov. 15-16, 18-19, 23-25; Dec. 1-6, 9, 20, 25-31, 1994; Jan. 1-3, 5; Feb. 8-10; Mar. 2-3, 27, 30; Apr. 1, 1995 when stage was affected by ice. Nov. 28-30; Dec. 11-19, 1994; Jan. 6-31; Feb. 1-7, 11-25; Mar. 9, 1995 when well was frozen. Mar. 9, 1995 when clock stopped. Record good, except that for periods of ice effect or missing data, which is poor. Station maintained and records developed by Div. II Hydro staff.

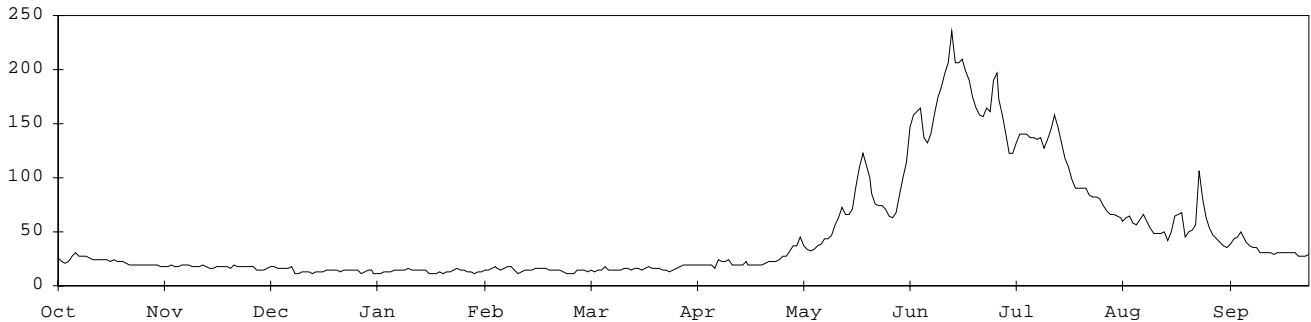
**RATING TABLE.**--HURREDCO20 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	18	16	11	13	14	20	27	63	196	74	53
2	22	18	17	12	15	14	20	33	68	172	70	46
3	21	19	17	12	15	14	19	37	84	158	66	44
4	23	18	16	13	16	13	20	37	100	140	66	40
5	27	18	16	13	17	14	20	45	114	123	64	37
6	31	20	16	13	16	13	20	37	147	123	63	35
7	27	20	16	14	15	14	20	34	158	132	59	38
8	28	19	17	14	16	14	20	33	161	140	63	44
9	28	18	11	15	17	17	20	34	164	140	64	45
10	26	18	12	15	17	15	16	37	137	140	58	50
11	25	18	13	16	15	15	25	39	132	137	56	44
12	25	20	13	15	12	15	23	44	140	137	61	40
13	24	17	13	14	13	14	23	43	158	135	66	37
14	24	16	12	14	14	15	24	46	175	137	59	36
15	24	16	13	15	15	16	20	56	184	128	53	35
16	23	17	13	15	15	16	20	63	196	135	49	31
17	24	17	13	12	16	15	20	73	206	145	49	30
18	23	17	14	11	16	16	20	66	236	158	48	30
19	23	17	15	12	16	16	22	66	206	147	50	30
20	22	16	14	13	16	15	20	71	206	132	42	29
21	21	19	14	12	15	16	19	92	209	118	50	30
22	20	18	13	13	15	17	19	109	199	109	64	31
23	20	18	15	13	14	16	20	123	190	98	66	31
24	19	18	14	14	14	16	19	111	175	90	68	31
25	20	17	14	16	13	16	21	100	164	90	45	31
26	20	17	14	15	11	15	22	86	158	90	50	30
27	20	17	14	14	12	15	23	76	156	90	52	28
28	19	14	11	13	12	13	23	74	164	84	56	27
29	19	14	13	13	---	15	25	74	161	82	107	28
30	19	14	14	12	---	16	28	71	190	82	80	29
31	18	---	15	13	---	17	---	64	---	80	63	---
TOTAL	711	523	438	417	411	467	631	1901	4801	3868	1881	1070
MEAN	22.9	17.4	14.1	13.5	14.7	15.1	21.0	61.3	160	125	60.7	35.7
AC-FT	1410	1040	869	827	815	926	1250	3770	9520	7670	3730	2120
MAX	31	20	17	16	17	17	28	123	236	196	107	53
MIN	18	14	11	11	11	13	16	27	63	80	42	27

CAL YR 1994 TOTAL 11672.0 MEAN 32.0 MAX 181 MIN 0.00 AC-FT 23150  
WTR YR 1995 TOTAL 17119 MEAN 46.9 MAX 236 MIN 11 AC-FT 33960

MAX DISCH 274 CFS AT 0230 18-JUN-1995 GH 4.24 FT. SHIFT -0.03 FT. MAX GH 4.24 FT. AT 0230 18-JUN-1995



ARKANSAS RIVER BASIN

071140000 CUCCHARAS RIVER AT BOYD RANCH NEAR LA VETA, CO

**LOCATION.**--Lat 37°25'12", long 105°03'08", in SE¼NE¼SE¼ sec. 24, T.30 S., R.69 W., Huerfano County, on left bank at Boyd Ranch, 29 ft. downstream from private bridge, 1.4 mi downstream from Chaparral Creek, and 6.5 mi southwest of La Veta.

**DRAINAGE AREA.**--56 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in a 3 1/2ft. diameter corrugated shelter over a 4 ft. diameter well. Primary record is DCP with reference to outside staff gage.

**REMARKS.**--Record is complete and reliable except for the following periods: Nov. 15-16, 18-25, 27-30; Dec. 1,3, 8-11, 13, 15-23, 25-31, 1994; Jan. 1-4, 7, 11-14, 16-24, 27-31; Feb. 3-8, 10-18; Mar. 1-3, 7-9, 27, 29-31; Apr. 1, 1995 when stage was affected by ice. Record good, except that for periods of ice effect, which is poor. Station maintained and records developed by Div. II Hydro staff.

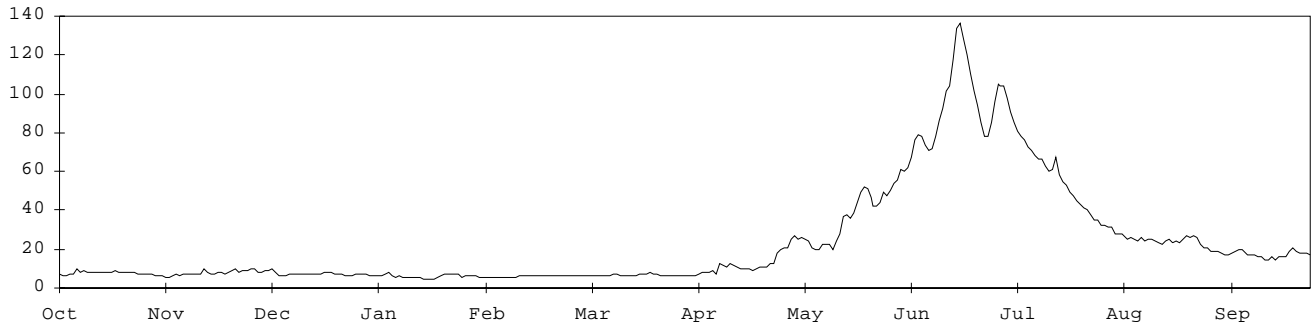
**RATING TABLE.**--CRBRLVCO13 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.8	5.7	9.2	6.2	5.2	6.2	6.3	21	54	105	32	19
2	6.6	5.4	9.6	6.4	5.1	6.1	6.3	25	56	104	31	19
3	6.6	6.7	8.0	6.6	5.5	6.2	6.5	27	61	104	31	19
4	6.8	7.2	6.4	7.2	5.4	6.2	6.5	25	60	98	28	18
5	7.0	6.4	6.6	7.7	5.4	6.1	7.0	26	62	91	28	17
6	10	7.2	6.6	6.0	5.4	6.4	7.8	25	67	85	28	17
7	8.2	7.2	7.4	5.8	5.5	6.3	8.0	24	76	81	27	18
8	9.3	7.4	7.4	6.2	5.3	6.3	8.2	21	79	78	25	19
9	8.4	7.3	6.8	5.7	5.4	6.5	8.7	20	78	76	26	20
10	8.0	7.1	6.8	5.4	5.5	6.7	7.0	20	74	73	25	20
11	7.8	7.3	7.0	5.6	5.8	7.1	13	22	71	71	24	18
12	7.7	9.6	7.2	5.8	6.1	7.3	12	22	72	68	26	17
13	7.7	8.4	7.6	5.7	6.3	6.3	11	22	78	66	24	17
14	7.7	7.4	7.6	5.4	6.4	6.4	13	20	86	66	25	17
15	8.1	7.6	7.0	4.9	6.4	6.4	12	24	92	63	25	16
16	8.2	7.8	7.4	4.9	6.6	6.7	11	28	101	60	24	16
17	9.1	8.2	7.8	4.8	6.4	6.6	10	37	104	61	23	14
18	8.5	7.6	8.2	4.8	6.3	6.6	9.6	38	118	67	22	14
19	8.5	8.0	8.0	5.6	6.3	7.2	9.9	36	134	58	24	16
20	8.4	9.0	7.5	6.3	6.1	7.2	10	39	136	55	25	14
21	8.2	10	7.2	7.0	6.3	7.6	9.3	44	128	53	23	16
22	8.0	8.0	7.0	7.5	6.3	8.3	9.6	49	120	49	24	16
23	7.9	8.6	6.6	7.4	6.4	7.0	11	52	110	48	23	16
24	7.6	9.2	6.4	7.3	6.7	6.9	11	51	101	45	25	19
25	7.1	9.4	6.6	7.1	6.7	6.5	11	47	94	43	27	21
26	7.3	9.9	7.0	5.8	6.7	6.6	13	42	85	41	26	19
27	7.3	9.6	7.0	6.2	6.6	6.3	13	42	78	40	27	18
28	7.0	8.4	7.1	6.0	6.5	6.0	18	44	78	38	26	18
29	6.7	8.2	7.2	6.0	---	6.2	20	49	85	35	22	18
30	6.3	8.6	6.6	5.9	---	6.0	21	48	96	35	21	17
31	6.0	---	6.4	5.6	---	6.2	---	50	---	32	21	---
TOTAL	238.8	238.4	225.2	188.8	168.6	204.4	320.7	1040	2634	1989	788	523
MEAN	7.70	7.95	7.26	6.09	6.02	6.59	10.7	33.5	87.8	64.2	25.4	17.4
AC-FT	474	473	447	374	334	405	636	2060	5220	3950	1560	1040
MAX	10	10	9.6	7.7	6.7	8.3	21	52	136	105	32	21
MIN	6.0	5.4	6.4	4.8	5.1	6.0	6.3	20	54	32	21	14

CAL YR 1994 TOTAL 6625.8 MEAN 18.2 MAX 109 MIN 2.3 AC-FT 13140  
WTR YR 1995 TOTAL 8558.9 MEAN 23.4 MAX 136 MIN 4.8 AC-FT 16980

MAX DISCH 143 CFS AT 0530 19-JUN-1995 GH 1.79 FT. SHIFT 0.13 FT. MAX GH 1.79 FT. AT 0530 19-JUN-1995



ARKANSAS RIVER BASIN

07117000 ARKANSAS RIVER NEAR NEPESTA, CO

**LOCATION.**--Lat 38°11'03", long 104°10'22", in SW¼SE¼ sec. 25, T.21 S., R.61 W., Pueblo County, Hydrologic Unit 110200005, on right bank 0.7 mi upstream from headgate of Oxford Farmers Co. canal, 1.9 mi northwest of Nepesta, 2.7 mi upstream from Kramer Creek, and 6.6 mi downstream from Huerfano River.

**DRAINAGE AREA.**--9,345 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry. Elevation of gage is 4,385 ft above National Geodetic Vertical Datum of 1929, from topographic map.

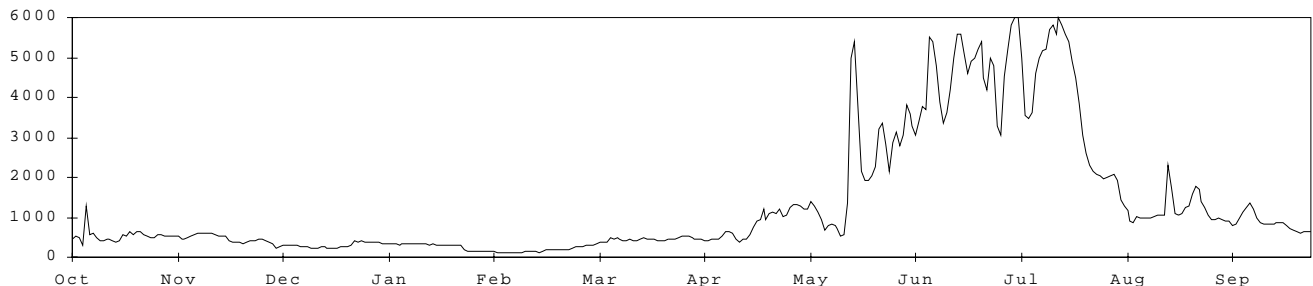
**REMARKS.**--Record is complete and reliable except for the following periods: Jan. 4-6, 1995 when the manometer malfunctioned; May 18-19; June 3-5, 9-13, 16-29; July 2-7, 11-24, 26, 1995 when much of the total flow was in a separate channel and the stage at the gage was not correlated to total discharge. Record fair, except those of overbank flows and manometer malfunctions, which is poor. Station maintained and records developed by Frank P. Kipple.

**RATING TABLE.**--ARKNEPCO10 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	436	517	270	329	145	314	479	1310	2800	3040	2000	951
2	544	462	290	331	136	319	459	1310	3040	4530	2050	933
3	493	440	300	337	112	314	453	1270	3800	5200	2090	964
4	318	493	307	330	115	330	434	1210	3600	5800	1940	941
5	1290	546	301	320	107	363	426	1190	3300	6000	1440	905
6	566	576	290	350	96	374	422	1390	3050	6000	1290	913
7	620	588	283	328	105	387	434	1270	3410	5000	1160	806
8	484	606	266	344	110	486	447	1120	3770	3530	921	815
9	424	608	271	355	115	458	446	939	3700	3490	883	988
10	424	598	240	354	119	482	512	684	5500	3610	1010	1150
11	435	599	234	340	136	450	630	780	5400	4600	980	1250
12	435	567	234	328	164	425	641	829	4800	5000	972	1370
13	403	533	255	322	153	432	586	798	3900	5160	981	1210
14	395	510	258	319	147	441	450	699	3350	5200	968	971
15	405	522	242	328	123	404	385	542	3640	5700	1020	866
16	573	427	238	309	169	409	446	548	4200	5800	1070	824
17	511	374	238	296	171	462	464	1370	5000	5600	1070	817
18	623	363	243	301	170	472	576	5000	5600	6000	1070	821
19	581	366	254	306	184	441	745	5400	5600	5800	2320	823
20	625	358	260	313	179	453	894	3770	5100	5600	1750	857
21	654	384	261	312	174	447	926	2150	4600	5400	1090	877
22	562	404	317	302	181	418	1220	1940	4900	4900	1060	873
23	517	408	423	286	187	428	953	1910	5000	4500	1080	803
24	491	418	394	205	203	431	1090	2020	5200	3850	1250	718
25	493	438	404	138	234	462	1140	2270	5400	3070	1270	671
26	548	434	388	146	261	467	1090	3190	4500	2600	1600	627
27	557	399	370	163	269	456	1200	3370	4200	2300	1790	620
28	538	376	377	150	266	477	1020	2820	5000	2160	1700	632
29	529	333	385	138	---	530	1070	2150	4800	2090	1390	653
30	521	245	371	142	---	534	1250	2860	3270	2050	1260	645
31	523	---	353	145	---	517	---	3140	---	1950	1060	---
TOTAL	16518	13892	9317	8667	4531	13383	21288	59249	129430	135530	41535	26294
MEAN	533	463	301	280	162	432	710	1911	4314	4372	1340	876
AC-FT	32760	27550	18480	17190	8990	26550	42220	117500	256700	268800	82380	52150
MAX	1290	608	423	355	269	534	1250	5400	5600	6000	2320	1370
MIN	318	245	234	138	96	314	385	542	2800	1950	883	620
CAL YR 1994 TOTAL		277069	MEAN	759	MAX	6350	MIN	74	AC-FT	549600		
WTR YR 1995 TOTAL		479634	MEAN	1314	MAX	6000	MIN	96	AC-FT	951400		

MAX DISCH 6400(est) CFS 05-JUL-1995 GH 5.09 FT. SHIFT -0.31 FT. MAX GH 5.09 FT. AT 1615 19-JUL-1995



ARKANSAS RIVER BASIN

07119700 ARKANSAS RIVER BELOW CATLIN DAM, NEAR FOWLER, CO

**LOCATION.**--Lat 38°07'33", long 103°54'41", in NW¼NW¼ sec. 21, T.22 S., R.58 W., Otero County, Hydrologic Unit 11020005, at Catlin Canal gage, on right bank 2.2 mi downstream from diversion dam for Catlin Canal, 2.3 mi downstream from Apishapa River, and 6.0 mi east of Fowler.

**DRAINAGE AREA.**--10,901 mi<sup>2</sup>.

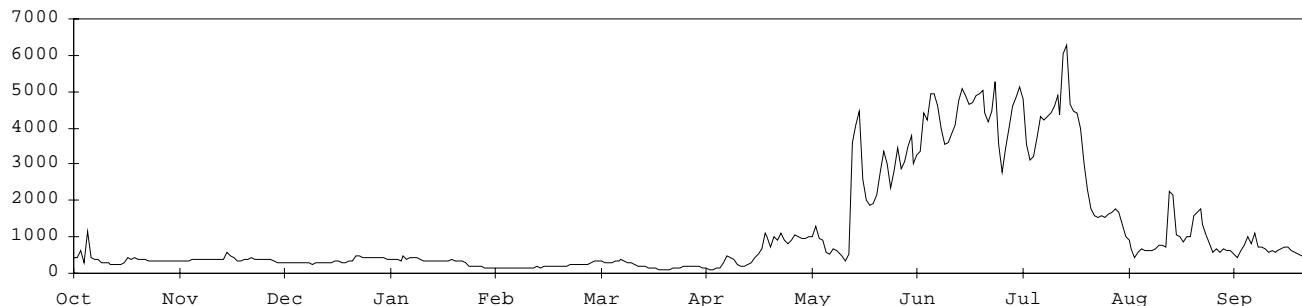
**GAGE.**--Water-stage recorder with satellite telemetry. Datum of river gage is 4,245.92 ft above National Geodetic Vertical Datum of 1929.

**REMARKS.**--All shaft encoder and recorder records were adjusted to outside staff gage readings. Record is complete and reliable except for the following periods: Jan. 3-4; Feb. 13; Mar. 1-2, 1995 when stage was affected by ice. Record fair, except that for periods of ice effect, which is poor. Station maintained and records developed by Frank P. Kipple.

**RATING TABLE.**--ARKCATCO05 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	411	327	271	399	164	240	194	1070	2860	2770	1640	572
2	445	327	279	372	160	275	180	1010	3090	3460	1690	678
3	618	327	288	368	158	326	170	969	3490	4040	1790	589
4	275	348	279	364	146	320	136	973	3770	4610	1660	650
5	1130	384	279	359	151	320	126	989	3040	4850	1350	605
6	434	407	288	464	154	287	117	986	3240	5150	1020	600
7	389	376	294	395	151	266	116	1290	3380	4800	893	539
8	365	377	289	419	153	311	123	978	4400	3540	650	451
9	296	395	281	416	153	334	144	931	4240	3140	440	602
10	293	401	262	415	151	343	306	570	4960	3210	596	779
11	277	400	276	385	152	384	478	546	4940	3730	677	992
12	262	401	269	357	150	337	440	667	4580	4320	614	835
13	247	370	282	337	152	300	367	619	3980	4240	633	1090
14	245	398	291	334	169	278	234	582	3540	4300	628	729
15	248	552	299	338	163	230	185	467	3600	4430	652	705
16	309	476	309	331	180	212	181	319	3830	4580	749	692
17	436	414	317	338	190	175	232	509	4070	4900	761	581
18	407	352	315	340	183	192	296	3590	4750	4370	728	625
19	438	342	302	343	200	162	418	4080	5070	6060	2240	596
20	382	362	303	360	207	153	520	4480	4870	6260	2150	618
21	404	384	320	354	202	129	663	2590	4650	4630	1070	666
22	389	414	320	347	206	103	1120	1990	4680	4460	996	721
23	320	394	462	317	210	79	986	1880	4910	4400	862	702
24	323	371	466	297	234	107	698	1940	4950	3970	1020	645
25	316	371	449	189	234	104	1010	2170	5040	3010	1030	596
26	337	374	448	179	221	132	907	2790	4420	2290	1570	535
27	348	380	430	190	221	122	1090	3350	4160	1760	1690	484
28	350	376	418	188	233	121	895	3010	4450	1600	1780	458
29	333	348	414	179	---	199	828	2340	5260	1550	1350	477
30	335	291	435	158	---	202	917	2820	3550	1590	1060	496
31	321	---	437	159	---	210	---	3460	---	1550	828	---
TOTAL	11683	11439	10372	9991	5048	6953	14077	53965	125770	117570	34817	19308
MEAN	377	381	335	322	180	224	469	1741	4192	3793	1123	644
AC-FT	23170	22690	20570	19820	10010	13790	27920	107000	249500	233200	69060	38300
MAX	1130	552	466	464	234	384	1120	4480	5260	6260	2240	1090
MIN	245	291	262	158	146	79	116	319	2860	1550	440	451
CAL YR 1994 TOTAL		223834	MEAN	613	MAX	5810	MIN	60	AC-FT	444000		
WTR YR 1995 TOTAL		420993	MEAN	1153	MAX	6260	MIN	79	AC-FT	835000		





ARKANSAS RIVER BASIN

07119705 CATLIN CANAL, NEAR FOWLER, CO

LOCATION.--Lat 38°07'33", long 103°54'41", in NW¼NW¼ sec. 21, T.22 S., R.58 W., Otero County, Hydrologic Unit 11020005, at river gage.

DRAINAGE AREA.--N/A

GAGE.--Water-stage recorder with satellite telemetry at 15' Parshall flume. Elevation of canal gage is 4,257.87 ft. above National Geodetic Vertical Datum of 1929.

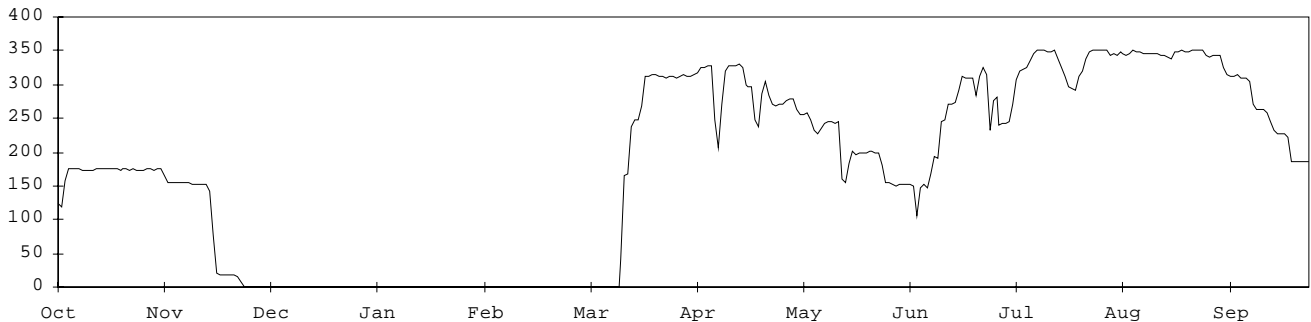
REMARKS.--Record is complete and reliable the entire year. DCP record was used for record computation. This record was compared to and augmented by strip-chart record of water commissioner at the same site. Record good. Station maintained and records developed by Don Taylor and Frank P. Kipple.

RATING TABLE.-- USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	125	164	0.0	0.0	0.0	0.0	314	276	152	281	352	341
2	119	156	0.0	0.0	0.0	0.0	313	280	149	241	350	343
3	157	155	0.0	0.0	0.0	0.0	313	279	152	242	343	343
4	175	154	0.0	0.0	0.0	0.0	315	264	151	242	345	342
5	176	154	0.0	0.0	0.0	0.0	318	255	151	244	344	324
6	175	154	0.0	0.0	0.0	0.0	324	255	152	270	348	314
7	175	154	0.0	0.0	0.0	0.0	325	257	149	306	346	312
8	174	154	0.0	0.0	0.0	0.0	327	247	105	319	344	312
9	174	152	0.0	0.0	0.0	0.0	328	233	147	323	346	314
10	174	152	0.0	0.0	0.0	0.0	247	228	153	325	352	310
11	174	152	0.0	0.0	0.0	0.0	206	234	148	336	349	309
12	176	152	0.0	0.0	0.0	0.0	272	243	167	346	348	310
13	176	153	0.0	0.0	0.0	0.14	320	246	194	352	347	305
14	175	141	0.0	0.0	0.0	42	327	246	191	352	345	271
15	175	77	0.0	0.0	0.0	164	328	243	246	351	345	264
16	175	20	0.0	0.0	0.0	169	328	245	247	349	346	264
17	175	19	0.0	0.0	0.0	238	331	159	272	348	345	264
18	175	18	0.0	0.0	0.0	248	326	154	272	350	342	259
19	174	18	0.0	0.0	0.0	247	299	184	273	339	344	245
20	175	17	0.0	0.0	0.0	269	298	201	292	324	340	232
21	175	17	0.0	0.0	0.0	313	296	196	311	313	338	227
22	174	16	0.0	0.0	0.0	313	247	199	309	296	349	227
23	175	8.1	0.0	0.0	0.0	314	238	198	309	294	348	227
24	174	0.0	0.0	0.0	0.0	314	286	198	309	292	350	222
25	174	0.0	0.0	0.0	0.0	312	305	201	285	312	349	185
26	174	0.0	0.0	0.0	0.0	313	285	202	311	320	349	185
27	175	0.0	0.0	0.0	0.0	310	271	199	325	339	351	185
28	175	0.0	0.0	0.0	0.0	312	268	198	316	348	350	185
29	173	0.0	0.0	0.0	---	312	271	181	232	351	351	185
30	175	0.0	0.0	0.0	---	310	272	156	275	352	352	186
31	175	---	0.0	0.0	---	312	---	154	---	350	344	---
TOTAL	5293	2357.1	0.0	0.0	0.0	4812.14	8898	6811	6745	9807	10752	7992
MEAN	171	78.6	0.0	0.0	0.0	155	297	220	225	316	347	266
AC-FT	10500	4680	0.0	0.0	0.0	9540	17650	13510	13380	19450	21330	15850
MAX	176	164	0.0	0.0	0.0	314	331	280	325	352	352	343
MIN	119	0.0	0.0	0.0	0.0	0.0	206	154	105	241	338	185
CAL YR 1994 TOTAL	61763.4		MEAN	169	MAX	352	MIN	0.00	AC-FT	122500		
WTR YR 1995 TOTAL	63467.25		MEAN	174	MAX	352	MIN	0.00	AC-FT	125900		

MAX DISCH 374 CFS AT 1045 19-JUL-1995 GH 3.21 FT. SHIFT 0.00 FT. MAX GH 3.21 FT. AT 1045 19-JUL-1995



ARKANSAS RIVER BASIN

07119700 ARKANSAS RIVER BELOW CATLIN DAM, NEAR FOWLER, CO (COMBINED)

LOCATION.--Lat 38°07'33", long 103°54'41", in NW¼NW¼ sec. 21, T.22 S., R.58 W., Otero County.

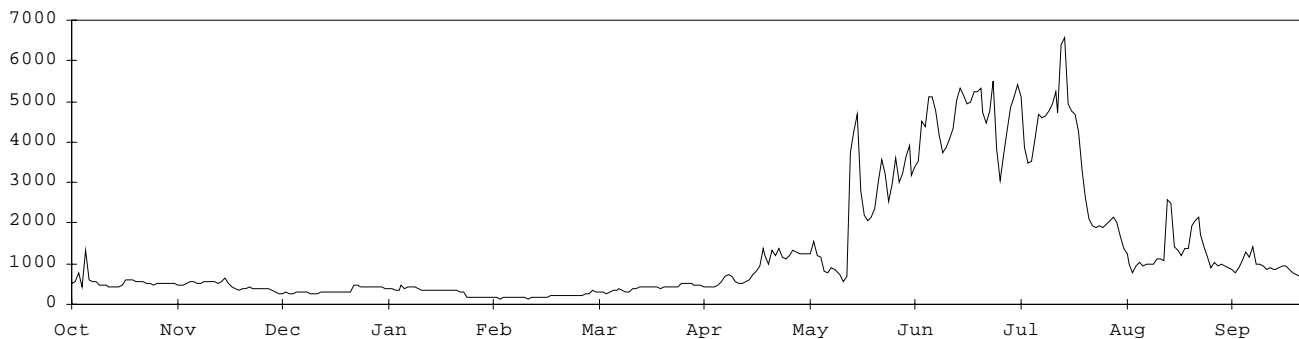
DRAINAGE AREA.--10,901 mi<sup>2</sup>.

REMARKS.--Record fair, except that for periods of ice effect, which is poor. Record is a compilation of Catlin Dam (ARKCATCO) and Catlin Canal (CATCANCO) records developed by Frank P. Kipple.

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	536	491	271	399	164	240	508	1350	3010	3050	1990	913
2	564	483	279	372	160	275	493	1290	3240	3700	2040	1020
3	775	482	288	368	158	326	483	1250	3640	4280	2130	932
4	450	502	279	364	146	320	451	1240	3920	4850	2000	992
5	1310	538	279	359	151	320	444	1240	3190	5090	1690	929
6	609	561	288	464	154	287	441	1240	3390	5420	1370	914
7	564	530	294	395	151	266	441	1550	3530	5110	1240	851
8	539	531	289	419	153	311	450	1220	4500	3860	994	763
9	470	547	281	416	153	334	472	1160	4390	3460	786	916
10	467	553	262	415	151	343	553	798	5110	3540	948	1090
11	451	552	276	385	152	384	684	780	5090	4070	1030	1300
12	438	553	269	357	150	337	712	910	4750	4670	962	1140
13	423	523	282	337	152	300	687	865	4170	4590	980	1400
14	420	539	291	334	169	320	561	828	3730	4650	973	1000
15	423	629	299	338	163	394	513	710	3850	4780	997	969
16	484	496	309	331	180	381	509	564	4080	4930	1100	956
17	611	433	317	338	190	413	563	668	4340	5250	1110	845
18	582	370	315	340	183	440	622	3740	5020	4720	1070	884
19	612	360	302	343	200	409	717	4260	5340	6400	2580	841
20	557	379	303	360	207	422	818	4680	5160	6580	2490	850
21	579	401	320	354	202	442	959	2790	4960	4940	1410	893
22	563	430	320	347	206	416	1370	2190	4990	4760	1340	948
23	495	402	462	317	210	393	1220	2080	5220	4690	1210	929
24	497	371	466	297	234	421	984	2140	5260	4260	1370	867
25	490	371	449	189	234	416	1320	2370	5320	3320	1380	781
26	511	374	448	179	221	445	1190	2990	4730	2610	1920	720
27	523	380	430	190	221	432	1360	3550	4480	2100	2040	669
28	525	376	418	188	233	433	1160	3210	4770	1950	2130	643
29	506	348	414	179	---	511	1100	2520	5490	1900	1700	662
30	510	291	435	158	---	512	1190	2980	3820	1940	1410	682
31	496	---	437	159	---	522	---	3610	---	1900	1170	---
TOTAL	16980	13796	10372	9991	5048	11765	22975	60773	132490	127370	45560	27299
MEAN	548	460	335	322	180	380	766	1960	4416	4109	1470	910
AC-FT	33680	27360	20570	19820	10010	23340	45570	120500	262800	252600	90370	54150
MAX	1310	629	466	464	234	522	1370	4680	5490	6580	2580	1400
MIN	420	291	262	158	146	240	441	564	3010	1900	786	643

CAL YR 1994 TOTAL 285590 MEAN 782 MAX 6110 MIN 106 AC-FT 566500  
WTR YR 1995 TOTAL 484419 MEAN 1327 MAX 6580 MIN 146 AC-FT 960800



ARKANSAS RIVER BASIN

07122400 CROOKED ARROYO NEAR SWINK, CO

**LOCATION.**--Lat 37°58'56", long 103°35'52", in SW¼SW¼ sec. 5, T.24 S., R.55 W., Otero County, on right bank 54 ft. downstream from bridge on State Highway 10, 2.0 mi. upstream from mouth, and 2.8 mi. southeast of Swink.

**DRAINAGE AREA.**--108 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry. Elevation of gage is 4,100 ft. above sea level.

**REMARKS.**--Record is complete and reliable for the entire year. Record is good. Station maintained and records developed by Frank Kipple.

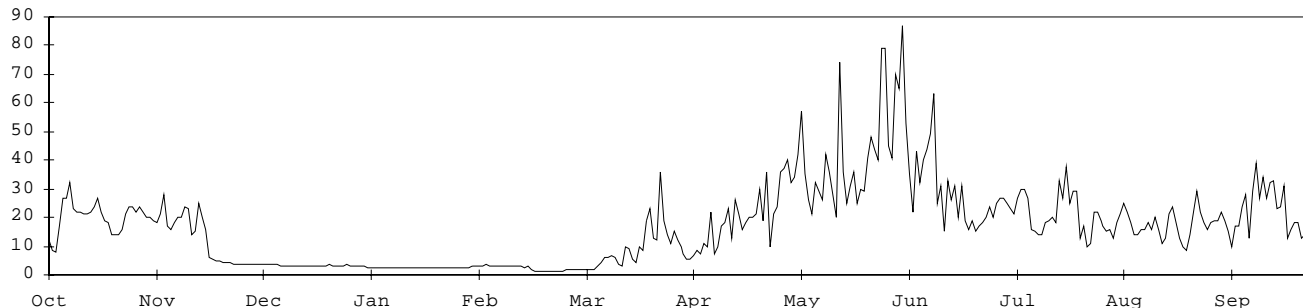
**RATING TABLE.**--CANSWKC06 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	18	3.6	2.6	3.2	1.6	9.6	37	41	25	17	18
2	8.4	21	3.6	2.6	3.2	1.6	7.1	40	70	27	15	19
3	7.8	28	3.5	2.6	3.3	1.8	5.2	32	65	27	16	19
4	17	17	3.4	2.6	3.4	1.8	5.7	34	87	25	13	22
5	27	16	3.4	2.5	3.1	1.8	6.9	42	53	23	18	19
6	27	18	3.4	2.5	3.1	1.8	8.5	57	35	21	21	15
7	32	20	3.3	2.4	3.0	1.8	7.2	35	22	27	25	9.5
8	23	20	3.2	2.4	3.1	3.0	11	26	43	30	22	17
9	22	24	3.2	2.4	3.2	4.3	9.5	21	32	30	18	17
10	22	23	3.2	2.4	3.0	5.8	22	32	40	27	14	24
11	21	14	3.0	2.4	3.2	6.2	7.0	29	44	16	14	28
12	21	15	3.1	2.4	3.1	6.8	10	26	49	15	16	13
13	22	25	3.2	2.4	3.1	6.3	17	42	63	14	16	29
14	24	20	3.2	2.4	3.0	3.4	18	36	25	14	18	39
15	27	16	3.2	2.5	2.7	2.8	23	28	31	18	16	27
16	22	6.2	3.2	2.6	2.8	10	13	20	15	19	20	34
17	19	5.5	3.2	2.6	1.8	9.3	26	74	33	20	16	27
18	18	5.0	3.2	2.6	1.2	5.6	21	36	26	18	11	32
19	14	4.9	3.2	2.4	1.3	4.2	16	25	31	33	13	33
20	14	4.5	3.2	2.4	1.3	10	18	31	20	27	21	23
21	14	4.1	3.4	2.4	1.3	8.7	20	36	31	38	24	24
22	16	4.1	3.3	2.4	1.3	19	20	25	19	25	18	31
23	21	3.8	3.2	2.4	1.4	23	21	30	16	29	13	13
24	24	3.8	3.2	2.4	1.4	13	30	29	19	29	9.9	16
25	24	3.6	3.3	2.4	1.4	12	19	41	15	13	8.7	18
26	22	3.6	3.5	2.4	1.5	36	36	48	17	17	14	18
27	24	3.4	3.3	2.5	1.6	19	9.8	44	18	9.7	22	13
28	22	3.6	3.0	2.5	1.6	14	21	40	20	11	29	14
29	20	3.6	3.0	2.5	---	11	24	79	24	22	22	27
30	20	3.5	3.0	2.5	---	15	36	79	20	22	18	25
31	19	---	2.8	2.9	---	12	---	45	---	19	16	---
TOTAL	626.2	358.2	100.5	77.0	66.6	272.6	498.5	1199	1024	690.7	534.6	663.5
MEAN	20.2	11.9	3.24	2.48	2.38	8.79	16.6	38.7	34.1	22.3	17.2	22.1
AC-FT	1240	710	199	153	132	541	989	2380	2030	1370	1060	1320
MAX	32	28	3.6	2.9	3.4	36	36	79	87	38	29	39
MIN	7.8	3.4	2.8	2.4	1.2	1.6	5.2	20	15	9.7	8.7	9.5

WTR YR 1995 TOTAL 6111.4 MEAN 16.7 MAX 87 MIN 1.2 AC-FT 12120

MAX DISCH 203 CFS AT 1745 02-JUN-1995 GH 4.10 FT. SHIFT 0.08 FT. MAX GH 4.10 FT. AT 1745 02-JUN-1995



ARKANSAS RIVER BASIN

07123000 ARKANSAS RIVER AT LA JUNTA, CO

**LOCATION.**--Lat 37°59'26", long 103°31'55", in SE¼NE¼ sec. 2, T.24 S., R.55 W., Otero County, Hydrologic Unit 11020005, on right bank at upstream side of bridge on State Highway 109 in La Junta, 450 ft upstream from King Arroyo.

**DRAINAGE AREA.**--12,210 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry activated by manometer. Wire Weight gage added to bridge. Datum of gage is 4,039.60 ft above National Geodetic Vertical Datum of 1929. See WSP 1711 or 1731 for history of changes prior to June 13, 1940. June 13, 1940, to June 6, 1967, water-stage recorder at site 300 ft upstream at present datum.

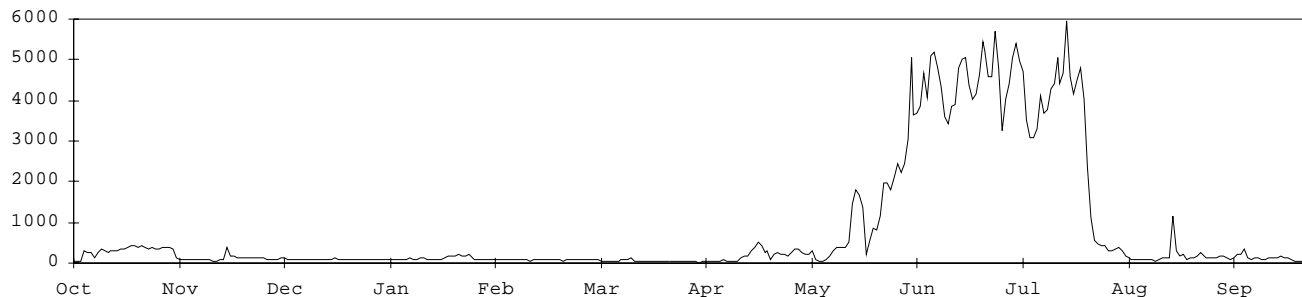
**REMARKS.**--Record is complete and reliable except for the following periods: Jan. 1-6, 1995 when stage-discharge relation was affected by ice. The DCP was used as the primary instrumentation for collecting gage-height data, with periodic adjustment to wire-weight gages. Record fair, except for period of ice effect, which is poor. Station maintained and records developed by William F. Howland.

**RATING TABLE.**--ARKLAJCO37 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	94	116	92	83	81	26	339	2230	3260	306	128
2	39	90	117	88	84	70	23	348	2430	4040	319	138
3	40	91	106	88	83	94	21	247	3040	4410	339	181
4	280	72	104	90	79	82	24	208	5070	5040	400	170
5	237	69	96	96	78	63	36	229	3630	5410	313	142
6	246	68	95	100	79	50	46	313	3670	4980	192	107
7	110	66	93	103	76	52	43	101	3840	4730	146	114
8	258	67	91	114	74	60	43	61	4680	3520	85	194
9	364	75	90	98	73	63	38	64	4080	3080	70	194
10	299	74	89	93	74	64	65	73	5080	3070	66	360
11	238	61	90	126	71	69	41	188	5180	3300	74	109
12	283	59	97	110	64	95	28	317	4820	4120	70	102
13	317	69	99	97	71	93	42	385	4310	3700	68	127
14	303	67	95	89	72	142	31	388	3600	3760	66	114
15	329	384	101	84	71	59	109	391	3420	4270	63	81
16	330	182	107	79	66	39	152	390	3840	4420	77	96
17	395	155	108	74	75	39	153	498	3900	5050	109	146
18	415	135	100	132	86	30	309	1450	4800	4420	123	117
19	414	116	93	178	85	27	391	1810	5000	4670	114	109
20	398	134	89	176	79	32	516	1680	5070	5950	1140	119
21	418	123	89	188	72	31	426	1360	4390	4580	310	168
22	377	124	88	199	64	36	237	212	4040	4160	178	124
23	338	126	87	185	67	46	307	578	4170	4500	200	125
24	365	122	90	178	70	35	89	838	4640	4820	76	81
25	354	116	90	197	70	32	201	819	5430	4040	110	56
26	343	113	87	129	71	52	257	1160	5210	2350	135	55
27	379	106	86	98	70	42	195	1960	4590	1120	190	55
28	378	103	89	82	72	31	220	1970	4570	578	249	55
29	379	102	91	79	---	29	160	1780	5690	458	196	62
30	338	106	91	79	---	32	239	2100	4790	444	118	216
31	109	---	96	84	---	29	---	2450	---	413	121	---
TOTAL	9116	3269	2960	3605	2079	1699	4468	24707	129210	112663	6023	3845
MEAN	294	109	95.5	116	74.3	54.8	149	797	4307	3634	194	128
AC-FT	18080	6480	5870	7150	4120	3370	8860	49010	256300	223500	11950	7630
MAX	418	384	117	199	86	142	516	2450	5690	5950	1140	360
MIN	39	59	86	74	64	27	21	61	2230	413	63	55
CAL YR 1994 TOTAL		113545	MEAN	311	MAX	3100	MIN	33	AC-FT	225200		
WTR YR 1995 TOTAL		303644	MEAN	832	MAX	5950	MIN	21	AC-FT	602300		

MAX DISCH 6710 CFS AT 0745 04-JUN-1995 GH 12.12 FT. SHIFT 0.00 FT. MAX GH 12.12 FT. AT 0745 04-JUN-1995



ARKANSAS RIVER BASIN

07124500 PURGATOIRE RIVER AT TRINIDAD, CO

**LOCATION.**--Lat°37 10'15", long 104°30'31", in NW¼SE¼ sec. 13, T.33 S., R.64 W., Las Animas County, in city of Trinidad, on left bank.

**DRAINAGE AREA.**--795 mi².

**GAGE.**--Graphic water stage recorder with satellite monitoring with DCP in a 36 inch pipe and well shelter.

**REMARKS.**--Record complete and reliable for the entire year. Record good. Station maintained and records developed by Frank Kipple.

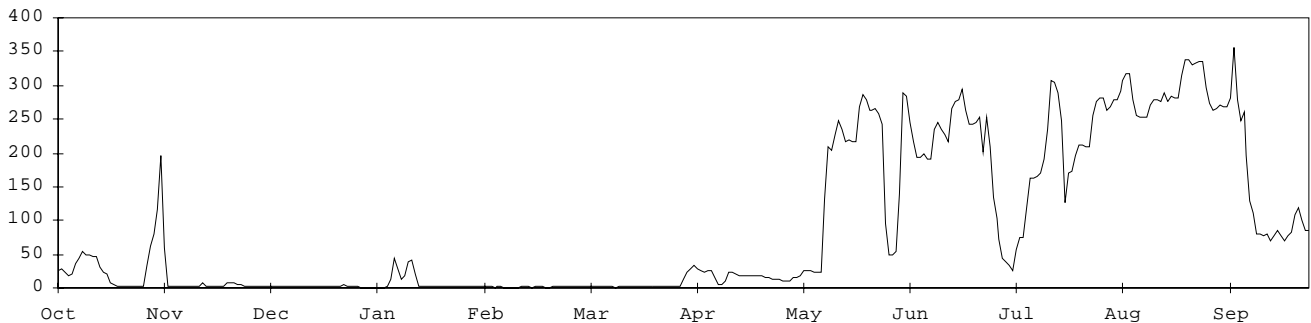
**RATING TABLE.**--PURTRICO21A USED FROM 01-OCT-1994 TO 28-DEC-1994  
 PURTRICO22 USED FROM 29-DEC-1994 TO 12-MAY-1995  
 PURTRICO21A USED FROM 13-MAY-1995 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	60	2.4	0.81	1.8	1.6	13	9.6	48	102	282	273
2	29	2.9	1.8	0.97	1.5	1.4	23	11	54	73	262	264
3	22	3.6	1.9	0.97	1.4	1.6	29	15	139	45	268	266
4	19	3.6	1.9	1.1	1.3	1.6	33	15	290	39	280	271
5	21	3.6	1.9	1.3	1.2	1.7	29	18	284	33	279	269
6	35	3.6	2.1	12	1.5	1.5	25	27	245	26	292	269
7	44	2.9	2.1	44	1.3	1.7	24	26	217	57	307	281
8	53	3.6	1.7	29	1.2	1.5	25	25	194	76	318	357
9	49	3.5	1.5	14	1.2	1.7	25	24	193	75	317	278
10	49	3.2	1.5	19	1.2	1.4	15	24	199	119	278	248
11	46	3.6	1.8	39	1.2	1.3	5.8	24	192	163	255	260
12	46	6.5	2.9	41	1.1	1.2	5.2	131	190	163	252	196
13	31	3.6	2.5	20	1.3	1.3	11	208	235	165	253	128
14	22	3.6	2.3	2.1	1.5	1.3	23	205	244	170	253	112
15	20	3.7	1.7	1.9	1.6	1.3	23	228	234	190	270	80
16	7.7	2.4	2.3	1.8	1.2	1.4	20	249	227	235	280	79
17	6.4	2.9	3.1	1.6	1.8	1.5	17	234	217	307	280	77
18	2.9	2.4	3.0	1.6	1.3	1.5	17	218	266	305	275	81
19	2.9	7.7	2.7	1.7	1.3	1.6	18	220	276	289	288	70
20	3.6	7.7	1.5	1.9	1.2	1.6	18	218	279	248	277	78
21	2.9	9.0	2.1	1.9	1.2	1.4	17	216	293	127	285	85
22	2.9	4.4	2.6	1.6	1.4	1.3	19	268	262	171	282	77
23	2.4	4.0	4.4	1.4	1.4	1.3	18	287	242	172	282	70
24	2.9	2.4	3.3	1.9	1.4	1.5	18	280	243	197	316	77
25	3.5	2.9	3.2	1.7	1.5	1.6	16	262	244	211	339	83
26	3.5	3.6	2.5	1.7	1.5	2.1	15	264	252	212	337	109
27	33	1.9	1.9	1.5	1.6	2.4	14	266	201	210	331	120
28	62	2.0	0.61	1.6	1.6	2.8	13	257	252	209	333	100
29	81	1.9	1.0	1.5	---	2.6	12	242	208	256	335	84
30	115	2.4	1.1	1.4	---	2.7	11	95	135	276	336	84
31	195	---	0.97	1.7	---	2.6	---	48	---	281	296	---
TOTAL	1040.6	169.1	66.27	253.64	38.7	52.0	552.0	4614.6	6555	5202	9038	4826
MEAN	33.6	5.64	2.14	8.18	1.38	1.68	18.4	149	219	168	292	161
AC-FT	2060	335	131	503	77	103	1090	9150	13000	10320	17930	9570
MAX	195	60	4.4	44	1.8	2.8	33	287	293	307	339	357
MIN	2.4	1.9	0.61	0.81	1.1	1.2	5.2	9.6	48	26	252	70

CAL YR 1994 TOTAL 40900.88 MEAN 112 MAX 756 MIN 0.61 AC-FT 81130  
 WTR YR 1995 TOTAL 32407.92 MEAN 88.8 MAX 357 MIN 0.61 AC-FT 64280

MAX DISCH 2132 CFS AT 1640 08-SEP-1995 GH 3.49 FT. SHIFT 0.03 FT. MAX GH 3.49 FT. AT 1640 08-SEP-1995



ARKANSAS RIVER BASIN

07126500 PURGATOIRE RIVER AT NINEMILE DAM, NEAR HIGBEE, CO (RIVER ONLY)

**LOCATION.**--Lat 37°42'53", long 103°30'38", in NW¼ sec. 7, T.27 S., R.54 W., Otero County, Hydrologic Unit 11020010, on left bank at Ninemile Dam, 4 mi southwest of Higbee, and 5.5 mi upstream from Smith Canyon. Prior to Apr. 21, 1978 gage located 850 ft, upstream.

**DRAINAGE AREA.**--2,752 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in 4'x4' steel shelter.

**REMARKS.**--The record is complete, except that for the following period: June 1-6, 1995 when the Ninemile Canal Company diverted the flow away from the station while the canal headgate was being repaired. Records for periods of flow between 1000 and 2000 cfs considered fair, and poor above 2000 cfs. Rating is not well defined above 1000 cfs. Record fair. Station maintained and records developed by W. F. Howland.

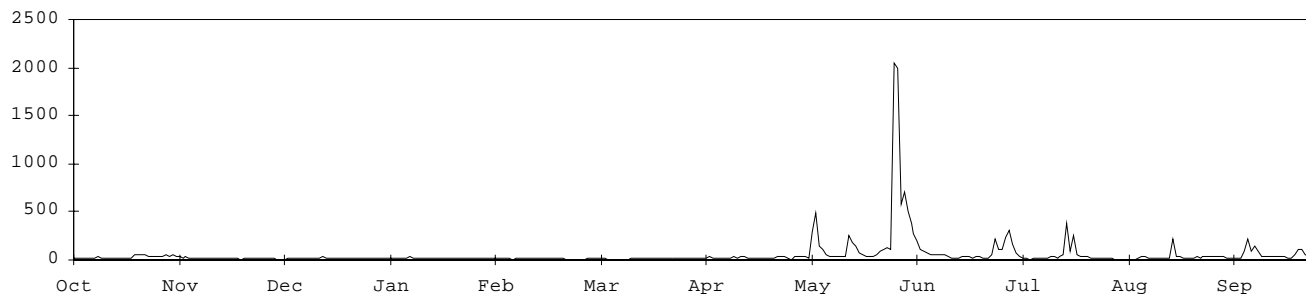
**RATING TABLE.**--PURNINCO16 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	38	0.60	12	14	12	20	29	580	117	10	37
2	17	27	3.9	9.3	15	12	21	28	700	228	9.4	31
3	16	36	9.4	16	16	11	19	28	500	311	5.7	28
4	23	14	12	11	14	15	21	30	380	172	1.1	28
5	22	13	11	21	9.8	15	18	26	275	79	0.0	23
6	15	14	11	24	9.2	15	29	294	200	29	0.0	17
7	15	14	12	19	8.1	4.7	19	484	114	19	0.0	18
8	34	12	14	29	10	0.62	18	150	88	11	0.0	18
9	24	11	14	26	12	1.7	16	101	69	4.0	0.0	19
10	21	11	13	22	12	0.0	23	57	57	18	26	84
11	21	11	9.5	21	13	0.0	22	41	54	16	32	218
12	21	12	13	21	14	0.0	22	37	56	15	29	90
13	19	12	30	20	12	0.0	32	34	61	17	24	143
14	19	12	21	18	14	19	24	38	55	18	25	82
15	20	13	17	18	9.3	18	28	43	30	40	23	33
16	21	16	20	19	17	11	29	37	22	28	25	34
17	22	12	16	17	17	16	22	251	18	23	24	44
18	25	9.1	16	17	14	18	24	173	18	32	25	31
19	49	8.2	17	14	12	18	21	138	45	51	20	31
20	54	22	14	10	11	18	18	68	30	373	226	32
21	48	23	12	12	11	18	17	46	33	93	44	38
22	48	20	11	20	9.6	17	15	41	22	246	31	29
23	45	23	13	15	7.3	18	18	39	33	58	24	24
24	42	21	16	12	4.7	18	21	41	44	28	22	27
25	45	19	17	14	0.0	17	26	53	24	41	22	62
26	45	18	14	15	0.0	18	31	84	17	36	22	107
27	45	19	15	15	0.0	19	31	111	18	27	39	103
28	47	15	15	18	2.5	15	33	129	57	21	24	63
29	43	13	14	18	---	15	10	117	218	18	29	29
30	54	4.9	15	17	---	15	5.0	2050	115	16	30	22
31	40	---	13	16	---	18	---	2000	---	11	31	---
TOTAL	978	493.2	429.40	536.3	288.5	393.02	653.0	6798	3933	2196.0	823.2	1545
MEAN	31.5	16.4	13.9	17.3	10.3	12.7	21.8	219	131	70.8	26.6	51.5
AC-FT	1940	978	852	1060	572	780	1300	13480	7800	4360	1630	3060
MAX	54	38	30	29	17	19	33	2050	700	373	226	218
MIN	15	4.9	0.60	9.3	0.0	0.0	5.0	26	17	4.0	0.0	17

CAL YR 1994 TOTAL 19685.72 MEAN 53.9 MAX 764 MIN 0.00 AC-FT 39050  
WTR YR 1995 TOTAL 19066.62 MEAN 52.2 MAX 2050 MIN 0.00 AC-FT 37820

MAX DISCH 5490 CFS AT 0300 31-MAY-1995 GH 6.14 FT. SHIFT 0.00 FT. MAX GH 6.14 FT. AT 0300 31-MAY-1995



ARKANSAS RIVER BASIN

07126500 NINEMILE CANAL BELOW NINEMILE DAM NEAR HIGBEE, CO.

LOCATION.--Lat 37°42'53", long 103°30'38", in NW¼ sec. 7, T.27 S., R.54 W., Otero County.

DRAINAGE AREA.--N/A

GAGE.--Water-stage recorder and satellite monitored data collection platform (DCP) in steel shelter. Control is 6' Parshall flume.

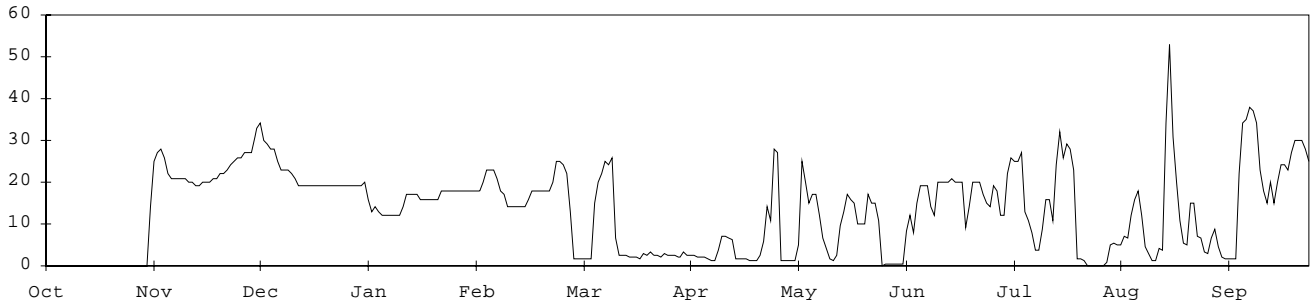
REMARKS.--Record is complete and reliable except for the following periods: Nov. 15-28, 1994 when the clock stopped. Mar. 2-6; May 31; June 1-6; July 25-31; Aug. 1-3, 1995 when float was on mud. Record good, except for periods when clock was stopped or when float was on mud, which is poor. Maintained by William F. Howland.

RATING TABLE.--NMCHIGCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	25	33	20	18	13	2.1	1.4	0.27	19	0.0	2.9
2	0.0	27	34	16	18	1.8	2.1	1.2	0.27	18	0.0	6.8
3	0.0	28	30	13	18	1.8	3.3	1.2	0.27	12	1.0	8.7
4	0.0	26	29	14	20	1.8	2.5	1.2	0.27	12	4.9	4.6
5	0.0	22	28	13	23	1.8	2.3	1.3	0.27	22	5.4	1.9
6	0.0	21	28	12	23	1.8	2.3	5.1	8.4	26	5.2	1.8
7	0.0	21	25	12	23	1.8	2.1	25	12	25	5.2	1.7
8	0.0	21	23	12	21	15	2.1	20	7.8	25	6.9	1.8
9	0.0	21	23	12	18	20	2.1	15	15	27	6.8	1.8
10	0.0	21	23	12	17	22	1.6	17	19	13	12	22
11	0.0	20	22	12	14	25	1.2	17	19	11	16	34
12	0.0	20	21	14	14	24	1.3	12	19	7.8	18	35
13	0.0	19	19	17	14	26	3.7	6.8	14	3.9	12	38
14	0.0	19	19	17	14	6.7	6.9	4.0	12	3.8	4.7	37
15	0.0	20	19	17	14	2.5	7.2	1.6	20	8.7	3.0	34
16	0.0	20	19	17	14	2.3	6.8	1.4	20	16	1.4	23
17	0.0	20	19	16	16	2.3	6.1	2.6	20	16	1.1	18
18	0.0	21	19	16	18	2.1	1.6	9.5	20	11	4.2	15
19	0.0	21	19	16	18	2.1	1.6	13	21	24	3.9	20
20	0.0	22	19	16	18	2.0	1.6	17	20	32	34	15
21	0.0	22	19	16	18	1.8	1.5	16	20	26	53	20
22	0.0	23	19	16	18	3.0	1.4	15	20	29	31	24
23	0.0	24	19	18	18	2.5	1.4	9.8	9.2	28	20	24
24	0.0	25	19	18	20	3.5	1.4	9.9	14	23	11	23
25	0.0	26	19	18	25	2.5	2.6	10	20	1.8	5.5	27
26	0.0	26	19	18	25	2.3	6.0	17	20	1.5	5.2	30
27	0.0	27	19	18	24	2.1	14	15	20	1.4	15	30
28	0.0	27	19	18	22	2.8	11	15	17	0.0	15	30
29	0.0	27	19	18	---	2.3	28	11	15	0.0	7.1	28
30	0.0	31	19	18	---	2.3	27	0.18	14	0.0	6.6	25
31	14	---	19	18	---	2.3	---	0.61	---	0.0	3.2	---
TOTAL	14	693	680	488	523	203.2	154.8	292.79	417.75	443.9	318.3	584.0
MEAN	0.45	23.1	21.9	15.7	18.7	6.55	5.16	9.44	13.9	14.3	10.3	19.5
AC-FT	28	1370	1350	968	1040	403	307	581	829	880	631	1160
MAX	14	31	34	20	25	26	28	25	21	32	53	38
MIN	0.0	19	19	12	14	1.8	1.2	0.18	0.27	0.0	0.0	1.7
CAL YR 1994 TOTAL		4862.00	MEAN	13.3	MAX	41	MIN	0.00	AC-FT	9640		
WTR YR 1995 TOTAL		4812.74	MEAN	13.2	MAX	53	MIN	0.00	AC-FT	9550		

MAX DISCH 67 CFS AT 1100 20-AUG-1995 GH 1.88 FT. SHIFT 0.00 FT. MAX GH 1.88 FT. AT 1100 20-AUG-1995



ARKANSAS RIVER BASIN

07126500 PURGATOIRE RIVER AT NINEMILE DAM, NEAR HIGBEE, CO (COMBINED)

**LOCATION.**--Lat 37°42'53", long 103°30'38", in NW¼ sec. 7, T.27 S., R.54 W., Otero County, Hydrologic Unit 11020010, on left bank at Ninemile Dam, 4 mi southwest of Higbee, and 5.5 mi upstream from Smith Canyon. Prior to Apr. 21, 1978 gage located 850 ft, upstream.

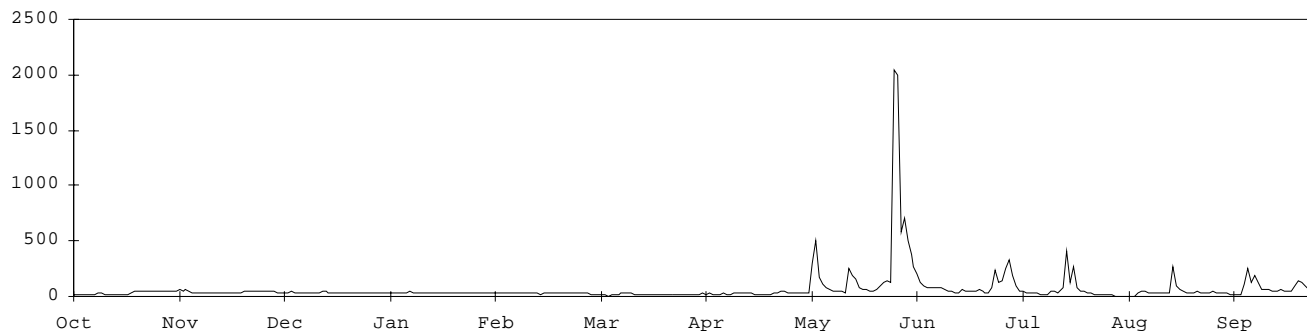
**DRAINAGE AREA.**--2,752 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry. Datum of gage is 4,240.59 ft above National Geodetic Vertical Datum of 1929.

**REMARKS.**--Discharge computed by combining discharge of river below Ninemile Dam and Ninemile Canal. The peak discharge for the water year was approximately 5490 cfs on May 31, 1995. The combined record is considered fair. Station maintained by William F. Howland.

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	63	34	32	32	25	22	30	580	136	10	40
2	17	54	38	25	33	14	23	29	700	246	9.4	38
3	16	64	39	29	34	13	22	29	500	323	6.7	37
4	23	40	41	25	34	17	24	31	380	184	6.0	33
5	22	35	39	34	33	17	20	27	275	101	5.4	25
6	15	35	39	36	32	17	31	299	208	55	5.2	19
7	15	35	37	31	31	6.5	21	509	126	44	5.2	20
8	34	33	37	41	31	16	20	170	96	36	6.9	20
9	24	32	37	38	30	22	18	116	84	31	6.8	21
10	21	32	36	34	29	22	25	74	76	31	38	106
11	21	31	32	33	27	25	23	58	73	27	48	252
12	21	32	34	35	28	24	23	49	75	23	47	125
13	19	31	49	37	26	26	36	41	75	21	36	181
14	19	31	40	35	28	26	31	42	67	22	30	119
15	20	33	36	35	23	20	35	45	50	49	26	67
16	21	36	39	36	31	13	36	38	42	44	26	57
17	22	32	35	33	33	18	28	254	38	39	25	62
18	25	30	35	33	32	20	26	182	38	43	29	46
19	49	29	36	30	30	20	23	151	66	75	24	51
20	54	44	33	26	29	20	20	85	50	405	260	47
21	48	45	31	28	29	20	18	62	53	119	97	58
22	48	43	30	36	28	20	16	56	42	275	62	53
23	45	47	32	33	25	20	19	49	42	86	44	48
24	42	46	35	30	25	22	22	51	58	51	33	50
25	45	45	36	32	25	20	29	63	44	43	28	89
26	45	44	33	33	25	20	37	101	37	38	27	137
27	45	46	34	33	24	21	45	126	38	28	54	133
28	47	42	34	36	24	18	44	144	74	21	39	93
29	43	40	33	36	---	17	38	128	233	18	36	57
30	54	36	34	35	---	17	32	2050	129	16	37	47
31	54	---	32	34	---	20	---	2000	---	11	34	---
TOTAL	992	1186	1110	1024	811	596.5	807	7089	4349	2641	1141.6	2131
MEAN	32.0	39.5	35.8	33.0	29.0	19.2	26.9	229	145	85.2	36.8	71.0
AC-FT	1970	2350	2200	2030	1610	1180	1600	14060	8630	5240	2260	4230
MAX	54	64	49	41	34	26	45	2050	700	405	260	252
MIN	15	29	30	25	23	6.5	16	27	37	11	5.2	19
CAL YR 1994 TOTAL		24549.5	MEAN	67.3	MAX	805	MIN	5.4	AC-FT	48690		
WTR YR 1995 TOTAL		23878.1	MEAN	65.4	MAX	2050	MIN	5.2	AC-FT	47360		





TRANSMOUNTAIN DIVERSION TO

ARKANSAS RIVER BASIN

09061500 COLUMBINE DITCH NEAR FREEMONT PASS, CO.

LOCATION.--Lat 39°22'25", long 106°13'38". Columbine ditch diverts water from tributaries of Eagle River in sec. 5, T.8 S., R. 79 W., in Colorado River basin to Chalk Creek (tributary to East Fork Arkansas River) in NW¼ sec. 9, T.8 S., R 79 W., in Arkansas River basin.

DRAINAGE AREA.--N/A

GAGE.--Water-stage recorder with satellite telemetry at 6' Parshall flume.

REMARKS.--Record good. Station maintained and records developed by L. R. Schultz.

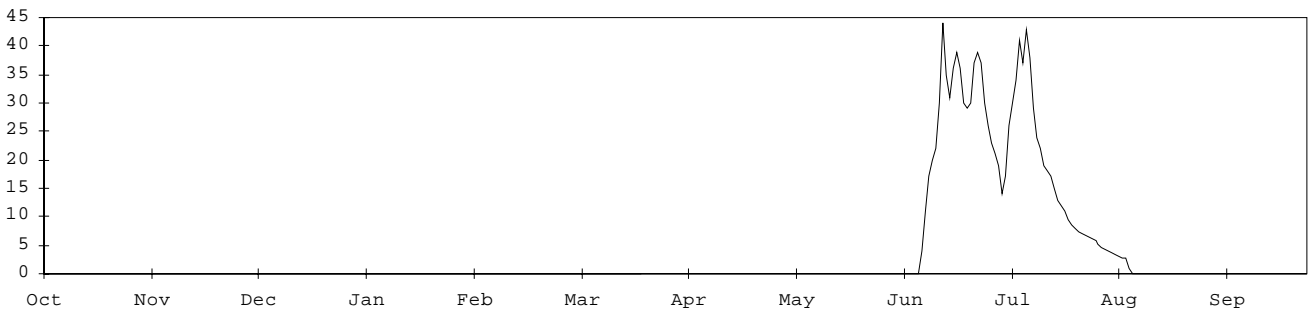
RATING TABLE.--COLDITCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23	5.1	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21	4.5	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19	4.2	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14	3.9	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	3.6	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26	3.3	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	3.1	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34	2.9	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41	2.8	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37	0.82	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	43	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	38	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	29	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	24	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22	22	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	19	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44	18	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35	17	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31	15	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36	13	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39	12	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36	11	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	9.5	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29	8.5	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	8.1	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37	7.4	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39	7.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37	6.6	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	30	6.3	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	26	6.2	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	5.8	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	583.0	588.4	34.22	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4	19.0	1.10	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1160	1170	68	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44	43	5.1	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0

CAL YR 1994 TOTAL 741.58 MEAN 2.03 MAX 37 MIN 0.00 AC-FT 1470  
WTR YR 1995 TOTAL 1205.62 MEAN 3.30 MAX 44 MIN 0.00 AC-FT 2390

MAX DISCH 71 CFS AT 1630 11-JUL-1995 GH 1.96 FT. SHIFT 0.03 FT. MAX GH 1.96 FT. AT 1630 11-JUL-1995



TRANSMOUNTAIN DIVERSION TO

ARKANSAS RIVER BASIN

09062000 EWING DITCH AT TENNESSEE PASS, CO

LOCATION.--Lat 39°21'40", long 106°18'22", diverts water from Piney Creek in sec. 11, T.8 S., R.80 W., in Eagle River basin, to Thayer Gulch (tributary to Tennessee Creek) in sec. 11, T. 8 S., R.80 W., in Arkansas River basin

DRAINAGE AREA.--N/A

GAGE.--Water-stage recorder with satellite telemetry at 4' Parshall flume.

REMARKS.--Record good. Station maintained and records developed by L. R. Schultz.

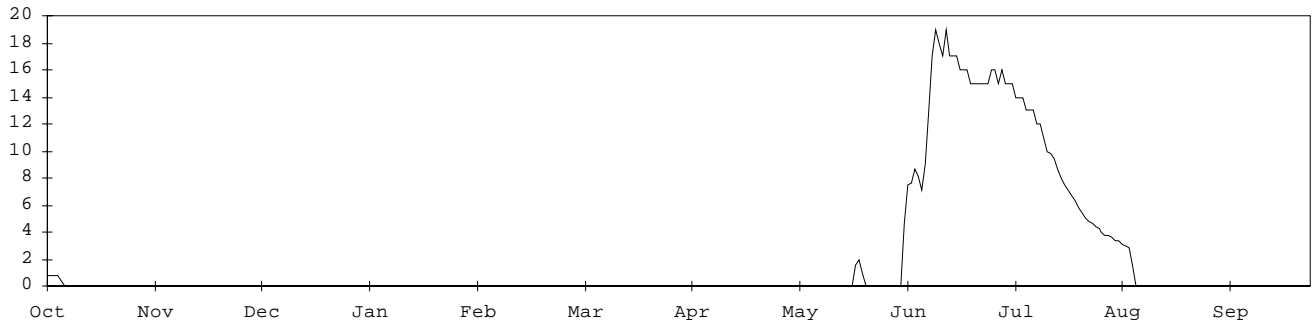
RATING TABLE.--EWIDITCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	4.0	0.0
2	0.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	3.8	0.0
3	0.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	3.7	0.0
4	0.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	3.6	0.0
5	0.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	15	3.4	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	15	3.3	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	14	3.1	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	14	3.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	14	2.9	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	13	1.6	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	13	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13	13	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	12	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19	12	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	11	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	10	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19	9.8	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	9.4	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	8.6	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	8.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	7.5	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	16	7.1	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	16	6.7	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.91	15	6.3	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	5.8	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	5.4	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	5.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	4.8	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	15	4.6	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	16	4.4	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	4.2	0.0	---
TOTAL	3.27	0.0	0.0	0.0	0.0	0.0	0.0	4.41	360.5	315.6	32.4	0.0
MEAN	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.14	12.0	10.2	1.05	0.0
AC-FT	6.5	0.0	0.0	0.0	0.0	0.0	0.0	8.7	715	626	64	0.0
MAX	0.72	0.0	0.0	0.0	0.0	0.0	0.0	2.0	19	16	4.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0

CAL YR 1994 TOTAL 401.02 MEAN 1.10 MAX 8.2 MIN 0.00 AC-FT 795  
WTR YR 1995 TOTAL 716.18 MEAN 1.96 MAX 19 MIN 0.00 AC-FT 1420

MAX DISCH 24 CFS AT 1745 14-JUN-1995 GH 1.32 FT. SHIFT -0.04 FT. MAX GH 1.32 FT. AT 1745 14-JUN-1995



TRANSMOUNTAIN DIVERSION TO

ARKANSAS RIVER BASIN

09062500 WURTZ DITCH NEAR TENNESSEE PASS, CO

LOCATION.--Lat 39°21'15", long 106°21'09"; diverts water from tributaries of Eagle River in Colorado River basin to West Tennessee Creek (tributary to Tennessee Creek) in sec. 17, T.8 S., R.80 W., in Arkansas River basin.

DRAINAGE AREA.--N/A

GAGE.--Water-stage recorder with satellite telemetry at 6' Parshall flume.

REMARKS.--Record good. Station maintained and records developed by L. R. Schultz.

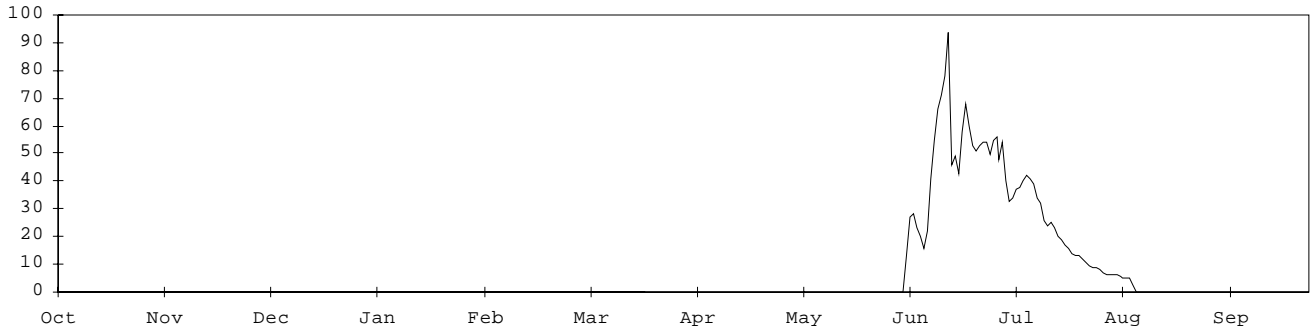
RATING TABLE.--WURDITCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56	7.2	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48	6.6	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54	6.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40	6.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13	33	6.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27	34	5.6	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28	37	5.3	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23	38	5.2	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	40	4.9	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	42	2.8	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22	41	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41	39	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55	34	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66	32	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71	26	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78	24	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	94	25	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46	23	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49	20	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43	19	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58	17	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68	16	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60	14	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53	13	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51	13	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53	12	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54	11	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54	9.2	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	50	9.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	55	8.9	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	8.3	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1248	836.4	55.6	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.6	27.0	1.79	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2480	1660	110	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	94	56	7.2	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.0

CAL YR 1994 TOTAL 1045.99 MEAN 2.87 MAX 36 MIN 0.00 AC-FT 2070  
WTR YR 1995 TOTAL 2140.0 MEAN 5.86 MAX 94 MIN 0.00 AC-FT 4240

MAX DISCH 118 CFS AT 2030 17-JUN-1995 GH 2.66 FT. SHIFT 0.03 FT. MAX GH 2.66 FT. AT 2030 17-JUN-1995



TRANSMOUNTAIN DIVERSION TO

ARKANSAS RIVER BASIN

WURTZ DITCH EXTENSION NEAR LEADVILLE, CO AT TENNESSEE PASS

LOCATION.--Lat 39°23'41", long 106°21'10", sec. 32, T.7 S., R.80 W., Eagle County.

DRAINAGE AREA.--N/A

GAGE.--Water-stage recorder with satellite telemetry at 6' Parshall flume.

REMARKS.--Record good. Station maintained and records developed by L. R. Schultz.

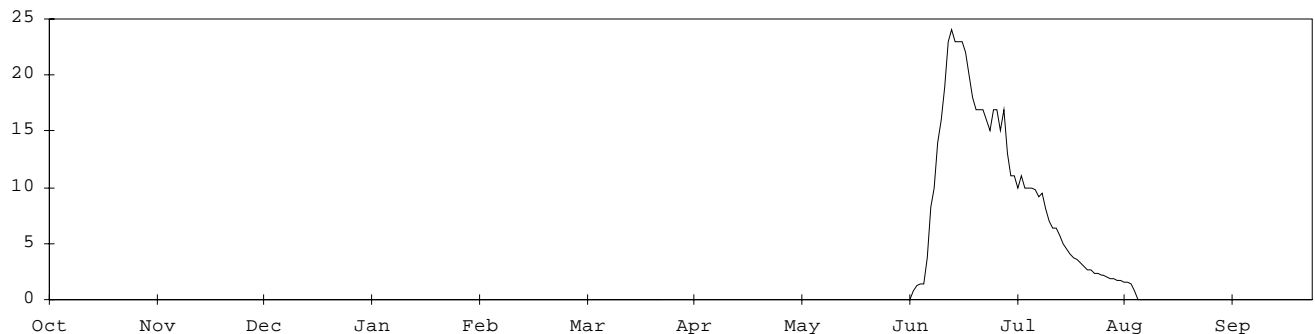
RATING TABLE.--WUREXDCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	2.1	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	2.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	1.9	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13	1.8	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	1.7	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	1.7	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.81	10	1.6	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	11	1.5	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	10	1.4	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	10	0.77	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	10	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	9.8	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	9.1	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14	9.4	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	8.1	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19	7.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23	6.4	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24	6.3	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23	5.8	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23	5.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23	4.5	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22	4.1	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	3.7	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	3.6	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	3.2	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	3.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	2.7	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	2.6	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	15	2.4	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	17	2.3	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	2.2	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.91	236.2	16.47	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	7.62	0.53	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	696	469	33	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24	17	2.1	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0

CAL YR 1994 TOTAL 255.8 MEAN 0.70 MAX 8.9 MIN 0.00 AC-FT 507  
WTR YR 1995 TOTAL 603.58 MEAN 1.65 MAX 24 MIN 0.00 AC-FT 1200

MAX DISCH 29 CFS AT 1830 19-JUN-1995 GH 1.15 FT. SHIFT -0.01 FT. MAX GH 1.16 FT. AT 1830 20-JUN-1995



TRANSMOUNTAIN DIVERSION TO

ARKANSAS RIVER BASIN

09063700 HOMESTAKE TUNNEL NEAR GOLD PARK, CO

LOCATION.--Lat 39°16'52", long 106°25'56"; Homestake tunnel diverts water from Homestake Lake, in sec. 17, T. 8 S., R. 81 W., in Eagle River basin, to Lake Fork Creek in Arkansas River basin.

GAGE.--F-type water-stage recorder with satellite telemetry located on a 12' Parshall flume.

REMARKS.--Record is complete and reliable. Station maintained and records developed by L. R. Schultz.

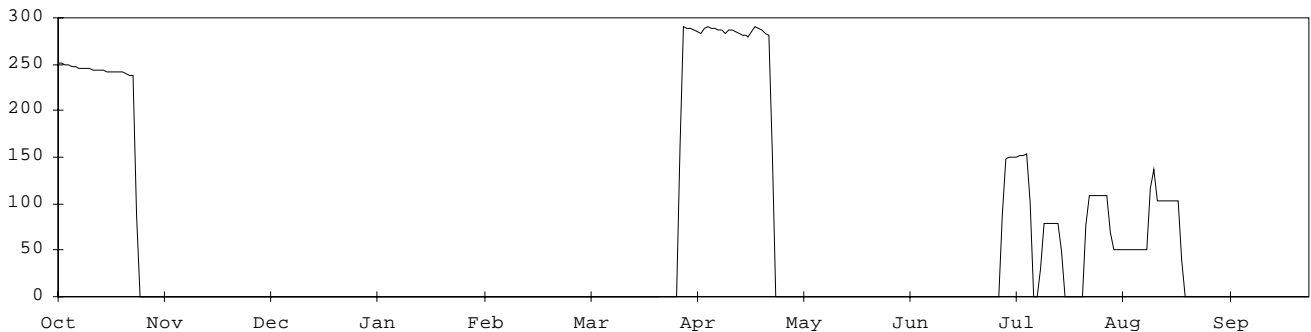
RATING TABLE.--HOMTUNCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	252	0.0	0.0	0.0	0.0	0.0	290	0.0	0.0	0.0	108	0.0
2	251	0.0	0.0	0.0	0.0	0.0	289	0.0	0.0	0.0	108	0.0
3	250	0.0	0.0	0.0	0.0	0.0	288	0.0	0.0	88	69	0.0
4	249	0.0	0.0	0.0	0.0	0.0	287	0.0	0.0	148	50	0.0
5	248	0.0	0.0	0.0	0.0	0.0	285	0.0	0.0	150	50	0.0
6	247	0.0	0.0	0.0	0.0	0.0	284	0.0	0.0	150	50	0.0
7	246	0.0	0.0	0.0	0.0	0.0	288	0.0	0.0	150	50	0.0
8	246	0.0	0.0	0.0	0.0	0.0	290	0.0	0.0	152	50	0.0
9	245	0.0	0.0	0.0	0.0	0.0	289	0.0	0.0	152	50	0.0
10	245	0.0	0.0	0.0	0.0	0.0	288	0.0	0.0	153	50	0.0
11	244	0.0	0.0	0.0	0.0	0.0	286	0.0	0.0	102	50	0.0
12	243	0.0	0.0	0.0	0.0	0.0	286	0.0	0.0	0.0	50	0.0
13	243	0.0	0.0	0.0	0.0	0.0	284	0.0	0.0	0.0	50	0.0
14	243	0.0	0.0	0.0	0.0	0.0	286	0.0	0.0	30	50	0.0
15	242	0.0	0.0	0.0	0.0	0.0	287	0.0	0.0	79	116	0.0
16	241	0.0	0.0	0.0	0.0	0.0	285	0.0	0.0	79	136	0.0
17	241	0.0	0.0	0.0	0.0	0.0	283	0.0	0.0	78	103	0.0
18	242	0.0	0.0	0.0	0.0	0.0	282	0.0	0.0	78	103	0.0
19	241	0.0	0.0	0.0	0.0	0.0	281	0.0	0.0	78	103	0.0
20	241	0.0	0.0	0.0	0.0	0.0	279	0.0	0.0	48	103	0.0
21	240	0.0	0.0	0.0	0.0	0.0	285	0.0	0.0	0.0	103	0.0
22	239	0.0	0.0	0.0	0.0	0.0	290	0.0	0.0	0.0	103	0.0
23	239	0.0	0.0	0.0	0.0	0.0	288	0.0	0.0	0.0	103	0.0
24	89	0.0	0.0	0.0	0.0	0.0	286	0.0	0.0	0.0	40	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	284	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	282	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	152	0.0	0.0	77	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	108	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	108	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	108	0.0	0.0
31	0.0	---	0.0	0.0	---	163	---	0.0	---	108	0.0	---
TOTAL	5707	0.0	0.0	0.0	0.0	163	7584	0.0	0.0	2224	1848	0.0
MEAN	184	0.0	0.0	0.0	0.0	5.26	253	0.0	0.0	71.7	59.6	0.0
AC-FT	11320	0.0	0.0	0.0	0.0	323	15040	0.0	0.0	4410	3670	0.0
MAX	252	0.0	0.0	0.0	0.0	163	290	0.0	0.0	153	136	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CAL YR 1994 TOTAL 17931 MEAN 49.1 MAX 263 MIN 0.00 AC-FT 35570  
WTR YR 1995 TOTAL 17526 MEAN 48.0 MAX 290 MIN 0.00 AC-FT 34760

MAX DISCH 293 CFS AT 1345 21-APR-1995 GH 3.12 FT. SHIFT 0.03 FT. MAX GH 3.12 FT. AT 1345 21-APR-1995



TRANSMOUNTAIN DIVERSION TO

ARKANSAS RIVER BASIN

09073000 TWIN LAKES TUNNEL AT EAST PORTAL NEAR TWIN LAKES, CO

LOCATION.--Lat 39°04'56", long 106°32'24"; diverts water from tributaries of Roaring Fork River in Colorado River Basin to North Fork Lake Creek in sec. 22, T.11 S., R.82 W., in Arkansas River basin.

DRAINAGE AREA.--N/A

GAGE.--Water-stage recorder with satellite telemetry at 12' Parshall flume.

REMARKS.--Record good and reliable with use of satellite monitoring system and strip-chart recorder. Station maintained and records developed by L. R. Schultz.

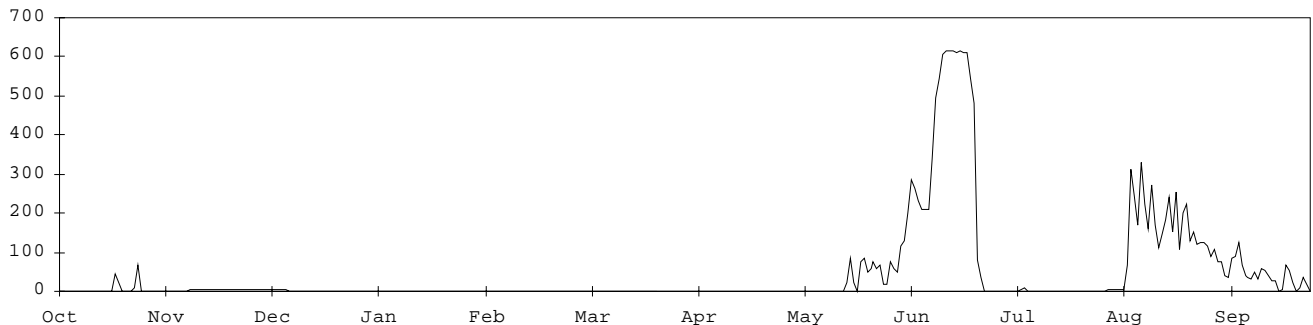
RATING TABLE.--TWITUNCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.17	0.99	3.0	0.39	0.52	0.52	0.64	0.52	59	0.66	1.8	87
2	0.16	0.99	2.7	0.39	0.52	0.52	0.66	0.52	47	0.66	3.9	109
3	0.17	1.1	2.7	0.39	0.52	0.52	0.65	0.52	116	0.66	4.4	75
4	0.17	1.2	2.7	0.39	0.52	0.52	0.61	0.52	128	0.66	4.7	75
5	0.17	1.2	2.5	0.39	0.56	0.60	0.54	0.52	201	0.66	4.3	40
6	0.17	1.2	2.5	0.39	0.61	0.66	0.52	0.52	285	0.66	3.7	36
7	0.28	2.2	2.2	0.39	0.65	0.66	0.52	0.52	262	1.5	3.6	83
8	0.39	4.6	2.2	0.39	0.66	0.73	0.52	0.52	232	3.8	69	87
9	0.31	5.3	2.0	0.39	0.66	0.82	0.52	0.53	210	11	310	124
10	0.28	5.2	2.0	0.40	0.66	0.86	0.52	0.56	209	2.2	243	65
11	0.34	5.3	1.8	0.40	0.66	0.89	0.52	0.59	210	1.5	168	41
12	0.37	5.9	1.8	0.40	0.66	0.90	0.51	0.58	337	1.2	328	34
13	0.39	5.8	1.6	0.40	0.66	0.91	0.42	0.61	493	1.3	223	30
14	0.39	5.4	1.6	0.44	0.57	0.66	0.43	0.66	542	0.93	161	49
15	0.51	4.6	1.5	0.45	0.46	0.27	0.47	0.69	608	0.67	272	30
16	0.53	4.8	1.3	0.53	0.45	0.27	0.48	0.78	616	0.46	170	60
17	43	4.8	1.2	0.52	0.41	0.27	0.45	0.82	617	0.44	110	52
18	22	4.7	1.2	0.52	0.41	0.34	0.52	21	614	0.81	147	42
19	1.2	4.4	1.2	0.52	0.46	0.39	0.43	83	610	0.99	183	27
20	1.2	4.5	1.1	0.52	0.48	0.39	0.40	22	614	0.66	241	25
21	1.2	4.3	0.99	0.52	0.52	0.39	0.39	1.5	612	0.39	153	1.1
22	1.2	4.1	0.99	0.52	0.52	0.39	0.41	76	612	0.39	255	4.1
23	8.1	3.8	0.99	0.52	0.44	0.40	0.43	85	542	0.52	107	67
24	67	3.7	0.99	0.52	0.40	0.45	0.46	47	481	0.66	200	54
25	0.98	3.3	1.0	0.52	0.45	0.52	0.46	58	81	0.61	223	21
26	0.99	3.1	0.99	0.52	0.48	0.52	0.48	75	37	0.45	131	0.82
27	0.99	3.3	0.83	0.52	0.52	0.54	0.46	60	0.95	0.43	153	9.7
28	0.98	3.3	0.38	0.52	0.53	0.56	0.48	66	1.1	0.75	122	35
29	0.99	3.3	0.42	0.52	---	0.56	0.52	17	0.72	0.90	126	16
30	0.99	3.3	0.39	0.52	---	0.58	0.52	16	0.61	0.63	123	1.0
31	0.99	---	0.38	0.52	---	0.59	---	77	---	0.35	117	---
TOTAL	156.61	109.68	47.16	14.32	14.94	17.20	14.92	714.49	9378.38	37.50	4361.4	1380.72
MEAN	5.05	3.66	1.52	0.46	0.53	0.55	0.50	23.0	313	1.21	141	46.0
AC-FT	311	218	94	28	30	34	30	1420	18600	74	8650	2740
MAX	67	5.9	3.0	0.53	0.66	0.91	0.66	85	617	11	328	124
MIN	0.16	0.99	0.38	0.39	0.40	0.27	0.39	0.52	0.61	0.35	1.8	0.82

CAL YR 1994 TOTAL 21109.96 MEAN 57.8 MAX 604 MIN 0.16 AC-FT 41870  
WTR YR 1995 TOTAL 16247.31 MEAN 44.5 MAX 617 MIN 0.16 AC-FT 32230

MAX DISCH 624 CFS AT 0230 23-JUN-1995 GH 5.07 FT. SHIFT 0.00 FT. MAX GH 5.07 FT. AT 0230 23-JUN-1995



TRANSMOUNTAIN DIVERSION TO

ARKANSAS RIVER BASIN

09077160 BOUSTEAD TUNNEL AT EAST PORTAL NEAR LEADVILLE, CO

**LOCATION.**--Lat 39°16'40", long 106°25'40"; Charles H. Boustead Tunnel diverts water from the main stem and tributaries of Fryingpan River in Colorado River basin, to Lake Fork in sec. 10, T. 9 S., R. 81 W., in Arkansas River basin.

**GAGE.**--Water-stage recorder with satellite telemetry located at 15' Parshall flume.

**REMARKS.**--Record is complete and reliable the entire year. DCP is primary source of data. Record good. Station maintained and records developed by L. R. Schultz.

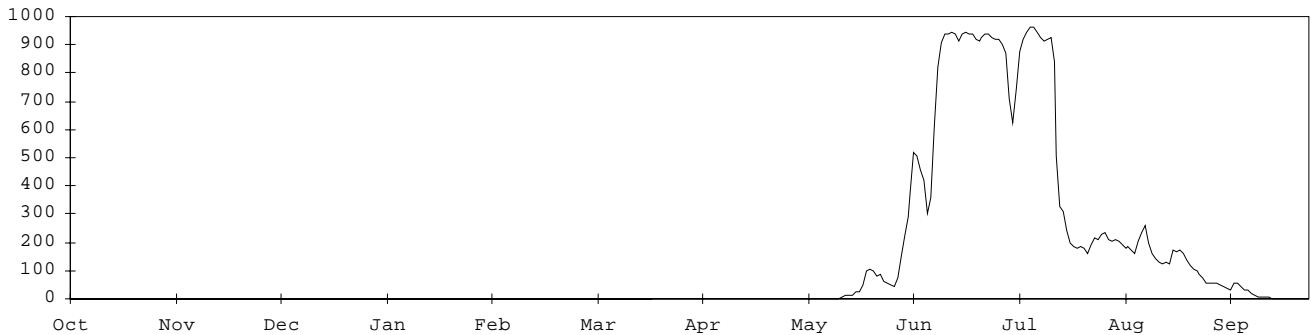
**RATING TABLE.**--BOUTUNCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	2.4	2.2	2.2	2.2	1.9	1.9	1.3	71	920	235	55
2	1.2	2.2	2.2	2.2	2.1	1.9	1.9	1.3	146	902	209	58
3	1.2	2.2	2.2	2.2	2.2	1.9	1.9	1.4	224	872	202	54
4	1.2	2.2	2.2	2.2	2.2	2.0	1.9	1.4	288	708	211	50
5	1.2	2.2	2.2	2.2	2.2	1.9	1.9	1.4	368	625	205	45
6	1.3	2.2	2.2	2.2	2.2	1.9	1.9	1.4	519	742	190	40
7	1.2	2.2	2.2	2.2	2.2	1.9	1.9	1.4	506	876	178	33
8	1.2	2.2	2.2	2.2	2.2	1.9	1.9	1.7	455	919	184	54
9	1.2	2.2	2.2	2.2	2.2	1.9	1.9	1.7	419	945	174	55
10	1.2	2.2	2.2	2.2	2.2	1.9	1.9	1.8	300	960	160	41
11	1.2	2.2	2.2	2.2	2.2	1.9	1.9	1.9	359	965	201	29
12	1.2	2.2	2.2	2.2	2.1	1.9	1.9	2.0	612	943	234	28
13	1.2	2.2	2.2	2.2	1.9	1.9	1.9	2.4	820	925	261	19
14	1.2	2.2	2.2	2.2	1.9	1.9	1.9	2.6	906	911	197	10
15	1.2	2.2	2.2	2.2	1.7	1.9	1.9	3.0	939	917	161	8.1
16	1.3	2.2	2.2	2.2	1.7	1.9	1.9	5.7	937	925	139	5.3
17	1.4	2.2	2.2	2.2	1.7	1.9	1.9	10	947	840	130	4.9
18	1.4	2.2	2.2	2.2	1.7	1.9	1.9	11	938	509	124	4.8
19	1.4	2.2	2.2	2.2	1.7	1.9	1.9	14	914	330	132	2.2
20	1.6	2.2	2.2	2.2	1.7	1.9	1.9	22	940	306	124	2.0
21	1.8	2.2	2.2	2.2	1.7	1.9	1.9	23	945	240	171	1.9
22	1.9	2.2	2.2	2.2	1.7	1.9	1.9	52	941	197	164	1.9
23	2.0	2.2	2.2	2.2	1.7	1.9	1.9	97	936	185	171	2.4
24	2.0	2.2	2.2	2.2	1.8	1.9	1.7	104	921	181	160	2.5
25	2.1	2.2	2.2	2.2	1.9	1.9	1.2	97	914	186	136	2.5
26	2.2	2.2	2.2	2.2	1.9	1.9	1.2	82	929	180	119	2.5
27	2.2	2.2	2.2	2.2	1.9	1.9	1.2	86	936	163	108	2.5
28	2.2	2.2	2.2	2.2	1.9	1.9	1.2	64	940	190	98	2.5
29	2.2	2.2	2.2	2.2	---	1.9	1.2	55	929	219	88	2.5
30	2.2	2.2	2.2	2.2	---	1.9	1.2	47	922	208	72	2.5
31	2.2	---	2.2	2.2	---	1.9	---	44	---	226	58	---
TOTAL	48.2	66.2	68.2	68.2	54.7	59.0	52.6	840.4	20921	18215	4996	622.0
MEAN	1.55	2.21	2.20	2.20	1.95	1.90	1.75	27.1	697	588	161	20.7
AC-FT	96	131	135	135	108	117	104	1670	41500	36130	9910	1230
MAX	2.2	2.4	2.2	2.2	2.2	2.0	1.9	104	947	965	261	58
MIN	1.2	2.2	2.2	2.2	1.7	1.9	1.2	1.3	71	163	58	1.9

CAL YR 1994 TOTAL 27717.95 MEAN 75.9 MAX 902 MIN 0.11 AC-FT 54980  
WTR YR 1995 TOTAL 46011.5 MEAN 126 MAX 965 MIN 1.2 AC-FT 91260

MAX DISCH 976 CFS AT 2030 11-JUL-1995 GH 5.85 FT. SHIFT 0.00 FT. MAX GH 5.85 FT. AT 2030 11-JUL-1995



TRANSMOUNTAIN DIVERSION TO

ARKANSAS RIVER BASIN

09077500 BUSK-IVANHOE TUNNEL AT EAST PORTAL NEAR MALTA, CO

LOCATION.--Lat 39°14'55", long 106°28'14"; Water diverted from Ivanhoe Lake, tributary to Fryingpan River in sec. 13, T. 9 S., R. 82 W., in Roaring Fork River basin, to Busk Creek (tributary to Lake Fork) in sec. 20, T. 9 S., R. 81 W., in Arkansas River basin.

GAGE.--F-type water stage recorder with satellite telemetry located on an 8' Parshall flume.

REMARKS.--Record is complete and reliable the entire year. Station maintained and records developed by L. R. Schultz.

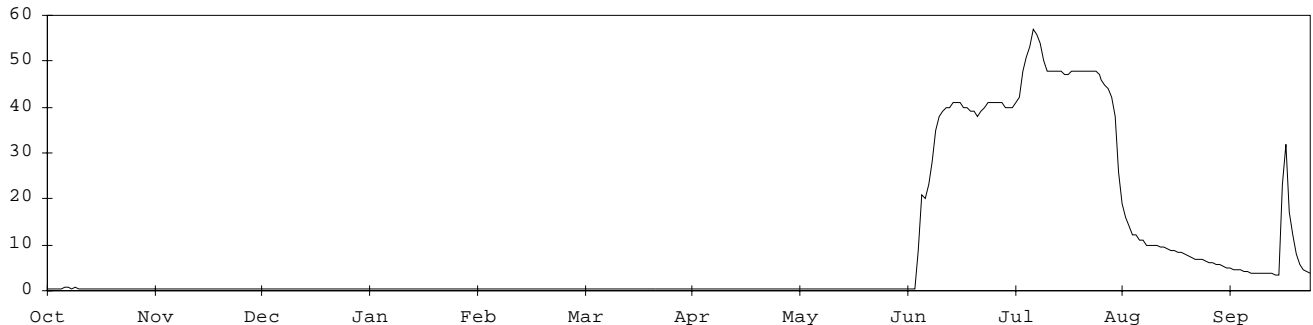
RATING TABLE.--BUSTUNCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.55	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	41	46	6.2
2	0.55	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	41	45	5.9
3	0.55	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	41	44	5.7
4	0.51	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	40	42	5.7
5	0.55	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	40	38	5.4
6	0.64	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	40	26	5.1
7	0.58	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	41	19	4.9
8	0.55	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	42	16	4.6
9	0.57	0.50	0.45	0.40	0.40	0.35	0.35	0.30	8.6	48	14	4.6
10	0.55	0.50	0.45	0.40	0.40	0.35	0.35	0.30	21	51	12	4.4
11	0.55	0.50	0.45	0.40	0.40	0.35	0.35	0.30	20	53	12	4.1
12	0.55	0.50	0.45	0.40	0.40	0.35	0.35	0.30	23	57	11	4.1
13	0.55	0.50	0.45	0.40	0.40	0.35	0.35	0.30	28	56	11	3.9
14	0.55	0.50	0.45	0.40	0.40	0.35	0.35	0.30	35	54	10	3.9
15	0.55	0.50	0.45	0.40	0.40	0.35	0.35	0.30	38	50	10	3.8
16	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	39	48	10	3.7
17	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	40	48	9.8	3.7
18	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	40	48	9.5	3.7
19	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	41	48	9.5	3.7
20	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	41	48	9.2	3.5
21	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	41	47	8.9	3.4
22	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	40	47	8.6	23
23	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	40	48	8.2	32
24	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	39	48	8.2	17
25	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	39	48	7.9	12
26	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	38	48	7.6	7.9
27	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	39	48	7.3	5.7
28	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	40	48	7.0	4.4
29	0.50	0.45	0.40	0.40	---	0.35	0.30	0.30	41	48	6.8	4.2
30	0.50	0.45	0.40	0.40	---	0.35	0.30	0.30	41	48	6.8	3.9
31	0.50	---	0.40	0.40	---	0.35	---	0.30	---	47	6.5	---
TOTAL	16.37	14.25	13.15	12.40	10.55	10.85	9.75	9.30	775.00	1460	487.8	204.1
MEAN	0.53	0.47	0.42	0.40	0.38	0.35	0.33	0.30	25.8	47.1	15.7	6.80
AC-FT	32	28	26	25	21	22	19	18	1540	2900	968	405
MAX	0.64	0.50	0.45	0.40	0.40	0.35	0.35	0.30	41	57	46	32
MIN	0.50	0.45	0.40	0.40	0.35	0.35	0.30	0.30	0.30	40	6.5	3.4

CAL YR 1994 TOTAL 2107.79 MEAN 5.77 MAX 42 MIN 0.00 AC-FT 4180  
WTR YR 1995 TOTAL 3023.52 MEAN 8.28 MAX 57 MIN 0.30 AC-FT 6000

MAX DISCH 59 CFS AT 1730 12-JUL-1995 GH 1.45 FT. SHIFT 0.01 FT. MAX GH 1.45 FT. AT 1730 12-JUL-1995





TRANSMOUNTAIN DIVERSION TO

ARKANSAS RIVER BASIN

09115000 LARKSPUR DITCH NEAR MARSHALL PASS, CO

LOCATION.--Lat 38°23'00", long 106°15'00", diverts water from tributaries of Tomichi Creek between headgates (in sec. 11, T.48 N., R.6 E., and sec. 1, T.47 N., R.6 E.), and Marshall Pass, in Gunnison River basin, to Poncha Creek (tributary to South Arkansas River) in SE¼ sec. 24, T.48 N., R.6 E., in Arkansas River basin.

DRAINAGE AREA.--N/A

GAGE.--Water-stage recorder at 4' Parshall flume.

REMARKS.--Record good. Station maintained and records developed by Bruce Smith and L.R. Schultz.

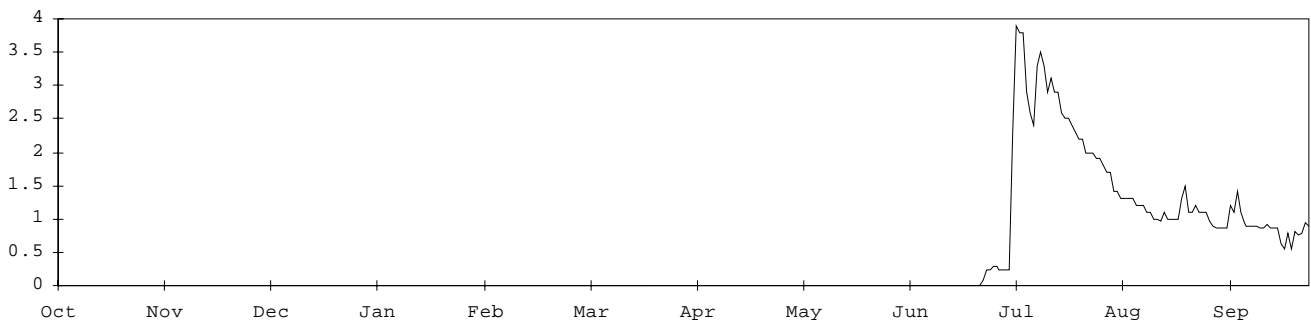
RATING TABLE.--LARDITCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.8	0.98
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	1.7	0.89
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	1.7	0.86
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	1.4	0.85
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	1.4	0.86
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.3	0.86
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	1.3	1.2
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	1.3	1.1
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	1.3	1.4
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	1.3	1.1
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.2	0.95
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.2	0.88
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	1.2	0.88
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	1.1	0.89
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	1.1	0.89
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	1.0	0.86
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	1.0	0.85
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.98	0.91
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	1.1	0.86
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.0	0.85
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.0	0.86
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.0	0.64
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.0	0.56
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.3	0.79
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.5	0.56
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.1	0.80
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.08	2.0	1.1	0.77
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	2.0	1.2	0.78
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.24	2.0	1.1	0.95
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.30	1.9	1.1	0.89
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	1.9	1.1	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.86	71.36	37.88	26.53
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	2.30	1.22	0.88
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	142	75	53
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30	3.9	1.8	1.4
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	0.98	0.56

CAL YR 1994 TOTAL 73.95 MEAN 0.20 MAX 2.3 MIN 0.00 AC-FT 147  
WTR YR 1995 TOTAL 136.63 MEAN 0.37 MAX 3.9 MIN 0.00 AC-FT 271

MAX DISCH 3.6 CFS AT 1730 15-JUL-1995 GH 0.44 FT. SHIFT -0.05 FT. MAX GH 0.44 FT. AT 1730 15-JUL-1995



RIO GRANDE BASIN

08213500 RIO GRANDE AT THIRTYMILE BRIDGE, NEAR CREEDE, CO

**LOCATION.**--Lat 37°43'30", long 107°15'18", in NE¼ sec. 13, T.40 N., R.4 W., Hinsdale County, Hydrologic Unit 13010001, on right bank 70 ft downstream from bridge, 500 ft upstream from Squaw Creek, 0.7 mi downstream from Rio Grande Reservoir, and 20 mi southwest of Creede.

**DRAINAGE AREA.**--163 mi².

**GAGE.**--Water-stage recorder with satellite telemetry in a timber shelter and metal well. Elevation of gage is 9,300 ft above National Geodetic Vertical Datum of 1929.

**REMARKS.**--Flow regulated by Rio Grande Reservoir, capacity, 51,110 acre-ft, since 1912. Natural flow of stream affected by transmountain diversions from Colorado River basin to drainage area upstream from station through Weminuche Pass and Pine River-Weminuche Pass ditches. Record is complete and reliable except for Nov. 1-6, 1994; Apr. 1-5; June 6-7, 12-15, 1995 when the station was isolated; Mar. 25-31; Apr. 6-8, 1995 when the well was frozen; Nov. 7, 1994-Mar. 14, 1995 when the station was closed for the winter. Record good except for periods of no gage-height record which are fair to poor. Station maintained and records developed by Div. III staff.

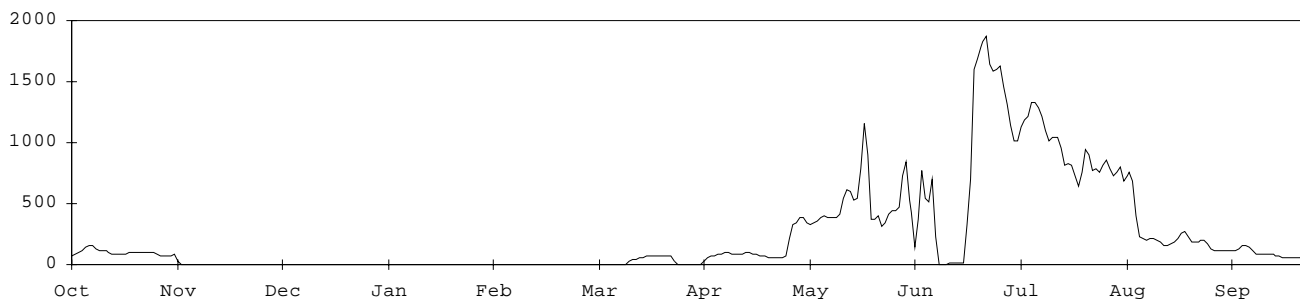
**RATING TABLE.**--RIOMILCO12 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	65	32	2.0	3.0	4.0	5.0	5.2	324	469	1630	855	134
2	85	1.9	2.5	3.0	4.0	5.0	5.2	338	722	1450	788	113
3	107	1.9	2.5	3.0	4.0	5.0	5.2	381	836	1320	722	108
4	118	1.9	2.5	3.0	4.0	5.0	5.2	383	533	1140	763	109
5	136	1.9	2.5	3.5	4.0	5.0	29	349	435	1010	795	109
6	152	1.9	2.5	3.5	4.0	5.0	64	335	149	1020	682	111
7	157	1.9	2.5	3.5	4.0	5.0	74	338	373	1130	730	111
8	134	1.9	2.5	3.5	4.0	5.0	74	356	770	1190	760	111
9	120	1.9	2.5	3.5	4.5	5.0	81	382	543	1220	689	123
10	120	1.9	2.5	3.5	4.5	5.0	91	394	516	1330	396	151
11	112	1.9	2.5	3.5	4.5	5.0	96	391	707	1330	231	162
12	98	1.9	2.5	3.5	4.5	5.0	98	388	233	1290	210	142
13	92	1.9	2.5	3.5	4.5	5.0	92	386	5.2	1220	206	110
14	87	1.9	2.5	3.5	4.5	24	84	380	5.8	1100	209	89
15	82	2.0	2.5	3.5	4.5	38	84	410	6.8	1020	212	84
16	82	2.0	2.5	3.5	4.5	40	90	538	9.7	1040	207	84
17	86	2.0	2.5	3.5	4.5	53	97	612	14	1050	182	84
18	97	2.0	2.5	3.5	4.5	61	96	600	17	1050	163	84
19	97	2.0	3.0	3.5	4.5	68	90	532	18	954	162	79
20	97	2.0	3.0	3.5	4.5	71	83	541	20	815	174	76
21	97	2.0	3.0	3.5	4.5	72	73	780	329	832	187	73
22	97	2.0	3.0	4.0	4.5	72	71	1160	700	810	210	64
23	97	2.0	3.0	4.0	4.5	72	67	900	1600	727	252	56
24	97	2.0	3.0	4.0	4.5	69	60	378	1680	649	272	56
25	97	2.0	3.0	4.0	4.5	66	58	367	1780	761	226	56
26	92	2.0	3.0	4.0	5.0	66	58	397	1830	937	187	55
27	75	2.0	3.0	4.0	5.0	28	58	315	1870	895	185	56
28	71	2.0	3.0	4.0	5.0	5.2	64	337	1640	770	188	65
29	72	2.0	3.0	4.0	---	5.2	66	420	1590	788	198	109
30	77	2.0	3.0	4.0	---	5.2	211	448	1600	756	200	157
31	80	---	3.0	4.0	---	5.2	---	447	---	810	176	---
TOTAL	3076	88.7	83.5	111.5	123.5	885.8	2129.8	14307	21001.5	32044	11417	2921
MEAN	99.2	2.96	2.69	3.60	4.41	28.6	71.0	462	700	1034	368	97.4
AC-FT	6100	176	166	221	245	1760	4220	28380	41660	63560	22650	5790
MAX	157	32	3.0	4.0	5.0	72	211	1160	1870	1630	855	162
MIN	65	1.9	2.0	3.0	4.0	5.0	5.2	315	5.2	649	162	55

CAL YR 1994 TOTAL 67205.2 MEAN 184 MAX 1290 MIN 1.9 AC-FT 133300  
WTR YR 1995 TOTAL 88189.3 MEAN 242 MAX 1870 MIN 1.9 AC-FT 174900

MAX DISCH 2025 CFS AT 0230 27-JUN-1995 GH 4.33 FT. SHIFT 0.00 FT. MAX GH 4.33 FT. AT 0230 27-JUN-1995



RIO GRANDE BASIN

08214500 NORTH CLEAR CREEK BELOW CONTINENTAL RESERVOIR, CO

**LOCATION.**--Lat 37°53'18", long 107°12'10", in NE¼SE¼ sec. 21, T.42 N., R.3 W., Hinsdale County, Hydrologic Unit 13010001, on left bank 100 ft downstream from bridge, 1,000 ft downstream from Continental Reservoir, and 15 mi west of Creede.

**DRAINAGE AREA.**--51.7 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and concrete control with satellite monitoring system. Elevation of gage is 10,200 ft above National Geodetic Vertical Datum of 1929.

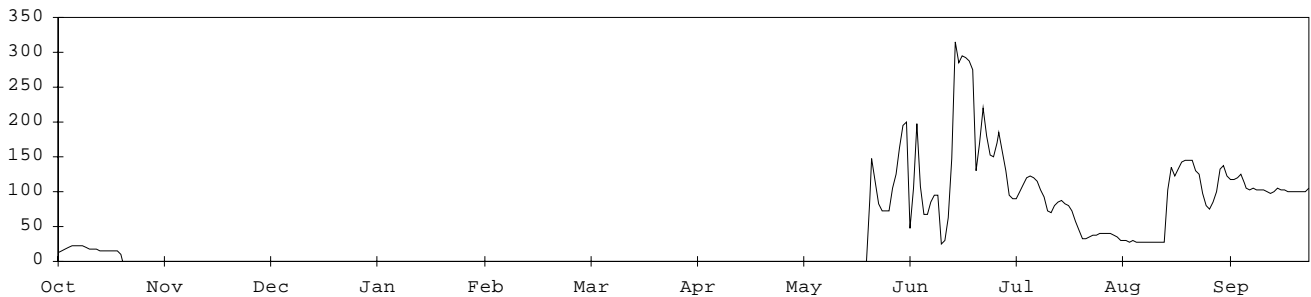
**REMARKS.**--Flow regulated by Continental Reservoir, Capacity, 26,720 acre-ft. Record is complete and reliable except for Nov. 7, 1994-May 12, 1995 when the station was closed for the winter. Record is good except for periods of no gage-height record which are fair. Station maintained and records developed by Div. III staff.

**RATING TABLE.**--NCLCONCO20 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	0.25	0.16	0.20	0.25	0.30	0.30	0.35	105	171	41	76
2	16	0.25	0.16	0.20	0.25	0.30	0.30	0.35	126	184	40	85
3	17	0.25	0.16	0.20	0.25	0.30	0.35	0.35	163	157	40	100
4	20	0.25	0.16	0.20	0.25	0.30	0.35	0.35	196	131	38	133
5	23	0.25	0.16	0.20	0.25	0.30	0.35	0.35	201	96	36	138
6	22	0.25	0.16	0.20	0.25	0.30	0.35	0.35	47	89	31	123
7	22	0.16	0.16	0.20	0.25	0.30	0.35	0.35	105	90	31	118
8	22	0.16	0.16	0.20	0.25	0.30	0.35	0.35	198	99	29	118
9	19	0.16	0.16	0.20	0.25	0.30	0.35	0.35	108	110	28	120
10	17	0.16	0.16	0.20	0.25	0.30	0.35	0.35	67	119	29	124
11	17	0.16	0.16	0.20	0.25	0.30	0.35	0.35	67	123	28	113
12	18	0.16	0.16	0.20	0.25	0.30	0.35	0.35	85	121	28	105
13	16	0.16	0.16	0.20	0.25	0.30	0.35	0.35	95	116	28	103
14	15	0.16	0.20	0.20	0.25	0.30	0.35	0.35	96	103	28	104
15	15	0.16	0.20	0.20	0.25	0.30	0.35	0.38	26	92	28	103
16	15	0.16	0.20	0.20	0.25	0.30	0.35	0.35	30	72	28	103
17	16	0.16	0.20	0.20	0.25	0.30	0.35	0.35	62	70	28	103
18	16	0.16	0.20	0.20	0.25	0.30	0.35	0.40	147	81	28	100
19	10	0.16	0.20	0.20	0.25	0.30	0.35	0.48	315	85	28	98
20	0.25	0.16	0.20	0.25	0.25	0.30	0.35	0.50	285	88	103	100
21	0.25	0.16	0.20	0.25	0.25	0.30	0.35	0.50	295	83	136	105
22	0.25	0.16	0.20	0.25	0.25	0.30	0.35	0.50	293	81	123	103
23	0.25	0.16	0.20	0.25	0.25	0.30	0.35	0.50	288	72	133	102
24	0.25	0.16	0.20	0.25	0.25	0.30	0.35	0.65	275	57	143	101
25	0.25	0.16	0.20	0.25	0.25	0.30	0.35	90	130	44	145	101
26	0.25	0.16	0.20	0.25	0.30	0.30	0.35	148	171	33	145	101
27	0.25	0.16	0.20	0.25	0.30	0.30	0.35	115	220	32	145	101
28	0.25	0.16	0.20	0.25	0.30	0.30	0.35	82	180	36	131	100
29	0.25	0.16	0.20	0.25	---	0.30	0.35	73	153	37	126	101
30	0.25	0.16	0.20	0.25	---	0.30	0.35	73	151	38	98	106
31	0.25	---	0.20	0.25	---	0.30	---	73	---	41	80	---
TOTAL	332.00	5.34	5.68	6.80	7.15	9.30	10.40	663.51	4680	2751	2103	3188
MEAN	10.7	0.18	0.18	0.22	0.26	0.30	0.35	21.4	156	88.7	67.8	106
AC-FT	659	11	11	13	14	18	21	1320	9280	5460	4170	6320
MAX	23	0.25	0.20	0.25	0.30	0.30	0.35	148	315	184	145	138
MIN	0.25	0.16	0.16	0.20	0.25	0.30	0.30	0.35	26	32	28	76
CAL YR 1994 TOTAL	6979.65	MEAN	19.1	MAX	237	MIN	0.16	AC-FT	13840			
WTR YR 1995 TOTAL	13762.18	MEAN	37.7	MAX	315	MIN	0.16	AC-FT	27300			

MAX DISCH 380 CFS AT 2400 18-JUN-1995 GH 2.81 FT. SHIFT 0.17 FT. MAX GH 2.81 FT. AT 2400 18-JUN-1995



RIO GRANDE BASIN

08218500 GOOSE CREEK AT WAGONWHEEL GAP, CO

**LOCATION.**--Lat 37°45'07", long 106°49'46", in SW¼SE¼ sec. 35, T.41 N., R.1 E., Mineral County, Hydrologic Unit 13010001, on left bank 0.2 mi downstream from Pierce Creek, 1.0 mi upstream from mouth, 1.0 mi south of Wagonwheel Gap, and 8.8 mi southeast of Creede.

**DRAINAGE AREA.**--90 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Elevation of gage is 8,460 ft above National Geodetic Vertical Datum of 1929.

**REMARKS.**--Record is complete and reliable except for the following periods: Oct. 14-Nov. 3, 15-21, 1994; Apr. 1-11; Sep 22-30, 1995 when the recorder clock stopped. Nov. 22, 1994-Mar. 9, 1995 when the station was closed for the winter. Nov. 14, 1994; Mar. 27-31, 1995 when the well was frozen. Records are good except for periods of no gage-height record which are fair to poor. Station maintained and records developed by Div. III staff.

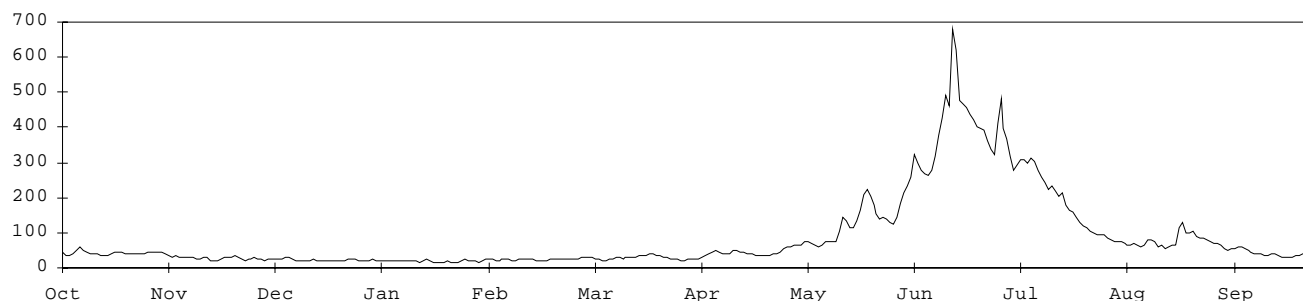
**RATING TABLE.**--GOOWAGCO09 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	35	25	18	24	28	23	61	144	484	85	68
2	35	32	24	20	24	28	23	66	184	395	79	68
3	34	34	24	19	24	28	24	63	214	368	76	63
4	40	30	25	21	22	28	27	64	232	318	76	56
5	49	28	28	22	22	27	31	76	260	280	76	51
6	59	31	28	18	24	24	35	72	322	292	70	54
7	49	31	25	18	23	20	40	68	300	309	66	56
8	44	31	22	20	23	22	45	64	280	309	66	61
9	41	26	18	20	20	24	50	61	268	296	68	58
10	40	25	18	20	20	26	44	66	264	314	66	54
11	39	28	22	22	23	29	40	72	276	304	61	51
12	36	31	22	19	27	28	39	75	318	276	66	46
13	34	22	23	17	27	26	42	72	376	256	81	42
14	37	21	21	18	27	29	48	72	425	242	77	41
15	40	20	20	23	23	30	48	106	490	222	74	40
16	44	23	19	18	19	32	45	144	462	232	61	37
17	45	28	20	16	19	32	45	136	682	218	63	37
18	44	28	20	14	21	34	40	116	623	204	56	39
19	41	28	21	17	22	36	42	113	478	211	59	39
20	40	33	22	17	24	36	40	133	468	181	66	35
21	40	31	21	19	26	40	37	166	456	166	66	32
22	41	26	21	15	26	41	37	208	435	157	116	32
23	42	22	24	14	26	36	36	222	420	146	130	31
24	42	24	24	17	26	35	34	202	400	128	99	31
25	42	24	23	20	26	31	36	178	395	120	99	35
26	44	29	22	24	26	28	39	155	390	113	103	37
27	44	23	20	22	26	26	41	141	363	103	87	39
28	44	23	20	20	26	25	44	144	336	99	85	38
29	45	20	22	20	---	24	54	141	322	96	85	70
30	45	23	24	17	---	22	61	130	410	96	81	65
31	40	---	21	21	---	22	---	126	---	92	72	---
TOTAL	1306	810	689	586	666	897	1190	3513	10993	7027	2415	1406
MEAN	42.1	27.0	22.2	18.9	23.8	28.9	39.7	113	366	227	77.9	46.9
AC-FT	2590	1610	1370	1160	1320	1780	2360	6970	21800	13940	4790	2790
MAX	59	35	28	24	27	41	61	222	682	484	130	70
MIN	34	20	18	14	19	20	23	61	144	92	56	31

CAL YR 1994 TOTAL 19381 MEAN 53.1 MAX 284 MIN 12 AC-FT 38440  
WTR YR 1995 TOTAL 31498 MEAN 86.3 MAX 682 MIN 14 AC-FT 62480

MAX DISCH 1020 CFS AT 0015 18-JUN-1995 GH 4.69 FT. SHIFT -0.01 FT. MAX GH 4.69 FT. AT 0015 18-JUN-1995



RIO GRANDE BASIN

08219500 SOUTH FORK RIO GRANDE AT SOUTH FORK, CO

**LOCATION.**--Lat 37°39'25", long 106°38'55", in SW¼SE¼ sec. 3, T.39 N., R.3 E., Rio Grande County, Hydrologic Unit 13010001, on left bank near U.S. Highway 160, 0.1 mile downstream from Church Creek, 0.9 mi southwest of village of South Fork, and 1.5 mi upstream from mouth.

**DRAINAGE AREA.**--216 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in a timber shelter and metal pipe well. Datum of gage is 8,221.79 ft above National Geodetic Vertical Datum of 1929.

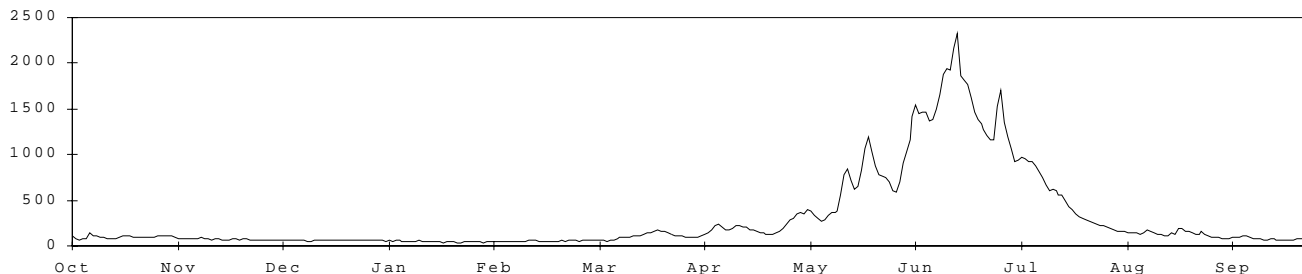
**REMARKS.**--Transmountain diversions from Colorado River basin to drainage area upstream from station through Treasure Pass ditch. Record is complete and reliable except for Nov. 24-25, 27-30; Dec. 1-13, 1994; Mar. 27, 30-31; Apr. 1-2, 1995 when the well was frozen; Dec. 14, 1994-Mar. 9, 1995 when the station was closed for the winter. Stage-discharge relation was affected by ice Nov. 15-23, 26, 1994. Record good except for periods of no gage-height record and ice effect which are fair to poor. Station maintained and records developed by Div. III staff.

**RATING TABLE.**--RIOSFKCO09 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	109	79	64	52	50	60	103	307	703	1700	201	102
2	81	76	62	56	48	60	103	356	908	1360	188	100
3	70	80	64	52	50	58	103	361	1030	1190	173	97
4	73	76	64	58	46	62	110	345	1170	1060	164	85
5	84	81	68	58	49	60	130	395	1410	924	159	78
6	147	80	68	50	52	56	148	377	1540	935	154	79
7	111	81	64	50	50	50	180	342	1450	973	146	93
8	104	89	60	54	50	56	219	296	1460	963	141	98
9	99	85	54	52	46	66	246	269	1460	924	144	102
10	94	77	54	52	47	77	212	283	1370	922	136	109
11	87	70	60	56	50	89	179	334	1380	883	134	106
12	80	77	60	46	56	101	168	373	1500	820	137	95
13	78	73	62	42	56	94	187	368	1660	756	178	83
14	83	67	58	44	56	94	224	377	1880	666	162	78
15	97	62	56	54	50	105	224	554	1940	604	147	78
16	106	66	56	44	45	119	202	780	1920	623	123	71
17	110	72	58	40	45	119	201	840	2170	602	128	69
18	105	72	60	37	47	124	180	712	2330	555	108	80
19	98	70	62	42	47	143	175	622	1860	558	109	82
20	96	74	62	42	50	145	160	649	1820	499	137	67
21	96	72	60	45	54	161	151	827	1770	435	129	64
22	98	66	60	39	56	177	146	1070	1620	394	196	63
23	101	60	66	37	54	162	135	1200	1470	356	195	62
24	103	64	66	42	56	156	127	1040	1390	325	154	63
25	101	64	62	46	56	139	132	883	1340	304	154	69
26	108	70	60	50	58	124	144	775	1280	285	149	72
27	106	60	56	48	54	118	165	758	1210	268	123	78
28	106	60	56	43	56	115	188	744	1170	252	122	76
29	110	56	60	43	---	109	234	708	1160	237	156	157
30	110	62	64	39	---	94	283	607	1530	230	132	143
31	94	---	58	45	---	96	---	584	---	220	116	---
TOTAL	3045	2141	1884	1458	1434	3189	5159	18136	44901	20823	4595	2599
MEAN	98.2	71.4	60.8	47.0	51.2	103	172	585	1497	672	148	86.6
AC-FT	6040	4250	3740	2890	2840	6330	10230	35970	89060	41300	9110	5160
MAX	147	89	68	58	58	177	283	1200	2330	1700	201	157
MIN	70	56	54	37	45	50	103	269	703	220	108	62
CAL YR 1994 TOTAL		71474	MEAN	196	MAX	1460	MIN	33	AC-FT	141800		
WTR YR 1995 TOTAL		109364	MEAN	300	MAX	2330	MIN	37	AC-FT	216900		

MAX DISCH 2990 CFS AT 2330 17-JUN-1995 GH 6.86 FT. SHIFT -0.13 FT. MAX GH 6.86 FT. AT 2330 17-JUN-1995



RIO GRANDE BASIN

08220000 RIO GRANDE NEAR DEL NORTE, CO

**LOCATION.**--Lat 37°41'22", long 106°27'38", in NW¼ sec. 29, T.40 N., R.5 E., Rio Grande County, Hydrologic Unit 13010001, on right bank 20 ft downstream from county highway bridge, 6.0 mi west of Del Norte, and 5 mi upstream from Pinos Creek.

**DRAINAGE AREA.**--1,320 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry. Datum of gage is 7,980.25 ft above National Geodetic Vertical Datum of 1929.

**REMARKS.**--Flow regulated by Beaver Creek Reservoir since 1910, Santa Maria Reservoir since 1912, Rio Grande Reservoir since 1912, and Continental Reservoir since 1925, combined capacity, 126,100 acre-ft, and by several smaller reservoirs. Transmountain diversions to drainage area upstream from station from Colorado River basin. Record is complete and reliable. Stage-discharge relation affected by ice Nov. 16, 24-30; Dec. 1, 1994-Feb. 16, 1995. Record is good except for ice affected periods which are fair to poor. Station maintained and records developed by Div. III staff.

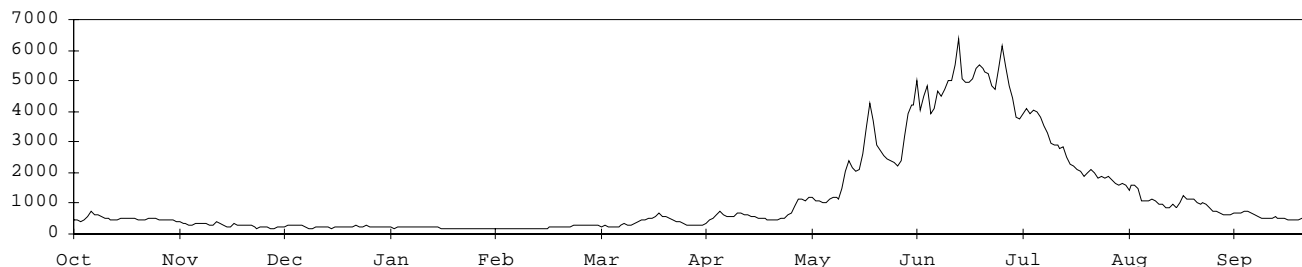
**RATING TABLE.**--RIODELCO03 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	464	401	250	210	180	270	298	924	2410	6120	1850	766
2	455	368	250	210	180	273	305	1120	3180	5440	1770	716
3	416	329	260	190	180	261	294	1130	3930	4810	1650	677
4	443	311	260	230	180	258	308	1090	4230	4440	1570	651
5	558	293	280	220	180	248	352	1190	4230	3800	1660	648
6	718	320	300	230	180	260	439	1170	5030	3740	1590	630
7	652	326	270	230	180	218	531	1100	4020	3950	1410	672
8	617	343	240	240	170	207	612	1060	4490	4070	1590	695
9	566	328	190	230	180	221	714	1010	4860	3900	1590	700
10	528	304	190	230	180	247	647	1050	3930	4030	1470	718
11	506	299	220	250	180	282	568	1110	4080	3960	1100	740
12	481	372	240	230	190	328	550	1180	4690	3790	1060	691
13	447	340	240	210	190	299	581	1190	4480	3550	1100	615
14	434	293	210	210	190	299	656	1130	4710	3280	1140	557
15	487	227	200	230	190	330	669	1460	5030	2980	1080	532
16	493	205	190	210	190	401	611	2050	4980	2920	977	509
17	505	315	210	180	199	459	622	2380	5500	2930	950	508
18	485	297	230	160	201	446	562	2150	6370	2810	875	532
19	489	289	230	170	205	504	579	2040	5080	2830	856	559
20	483	303	210	180	216	522	524	2080	4940	2480	946	511
21	478	291	230	190	220	567	502	2640	4940	2290	881	495
22	474	293	250	180	231	677	496	3460	5040	2240	1030	494
23	484	210	270	160	238	595	466	4280	5400	2080	1230	469
24	490	188	250	170	251	588	438	3720	5520	2040	1140	463
25	485	210	230	180	260	514	442	2930	5410	1850	1150	476
26	481	250	260	180	273	462	458	2740	5310	1970	1160	478
27	464	210	250	190	262	409	488	2560	5250	2090	1000	502
28	442	190	220	180	261	417	521	2440	4850	1970	968	489
29	435	180	230	170	---	357	599	2380	4720	1810	1010	656
30	440	210	240	150	---	307	695	2350	5390	1870	966	798
31	416	---	230	150	---	294	---	2210	---	1820	874	---
TOTAL	15316	8495	7330	6150	5737	11520	15527	59324	142000	97860	37643	17947
MEAN	494	283	236	198	205	372	518	1914	4733	3157	1214	598
AC-FT	30380	16850	14540	12200	11380	22850	30800	117700	281700	194100	74660	35600
MAX	718	401	300	250	273	677	714	4280	6370	6120	1850	798
MIN	416	180	190	150	170	207	294	924	2410	1810	856	463

CAL YR 1994 TOTAL 272279 MEAN 746 MAX 4240 MIN 120 AC-FT 540100  
WTR YR 1995 TOTAL 424849 MEAN 1164 MAX 6370 MIN 150 AC-FT 842700

MAX DISCH 7410 CFS AT 0545 18-JUN-1995 GH 5.50 FT. SHIFT -0.15 FT. MAX GH 5.50 FT. AT 0545 18-JUN-1995



RIO GRANDE BASIN

08220500 PINOS CREEK NEAR DEL NORTE, CO

**LOCATION.**--Lat 37°35'30", long 106°27'05", in SW¼SE¼ sec. 29, T.39 N., R.5 E., Rio Grande County, Hydrologic Unit 13010002, on left bank 90 ft. downstream from Bennett Creek and 8.0 mi. southwest of Del Norte, Co.

**DRAINAGE AREA.**--53 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder with satellite telemetry on rectangular concrete box control. Altitude of gage is 8,480 ft. from topographic map.

**REMARKS.**--Several small diversions above station. Record is complete and reliable except for the following periods: Nov. 14-21, 1994 when the well was frozen. Nov. 22, 1994-Mar. 9, 1995 when the station was closed for the winter. Mar. 10-15, 19-21, 24; Apr. 2-3, 7, 1995 when the recorder float sunk and there was missing satellite data. July 29-31; Aug. 1-8, 1995 when floats were sitting on sand in the well. Stage-discharge relation affected by ice Nov. 5-6, 13, 1994. Record good except for periods of no gage-height record, and ice affected record which are fair to poor. Station maintained and records developed by Division III Hydrographic staff.

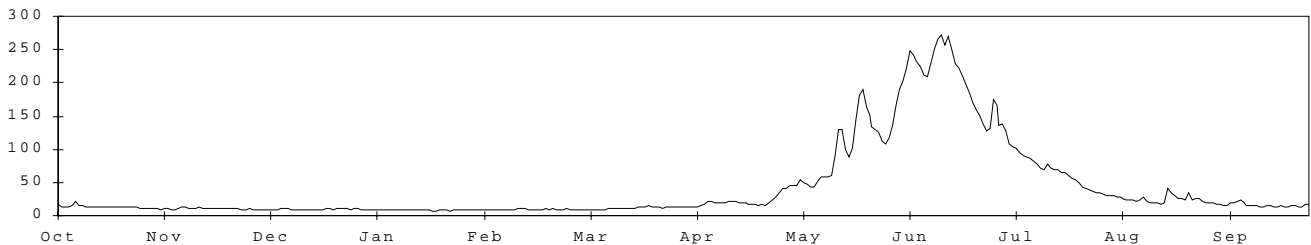
**RATING TABLE.**--PINDELCO14 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	11	9.6	8.4	9.6	9.4	14	40	136	167	33	19
2	13	10	9.0	8.4	9.6	9.2	14	45	167	135	31	19
3	12	8.5	9.6	7.6	9.6	9.0	13	45	190	138	30	18
4	13	9.1	9.6	8.8	9.2	9.6	13	46	203	128	30	17
5	16	11	10	8.4	9.2	9.4	13	54	223	108	29	16
6	22	12	11	8.6	8.6	9.2	15	49	249	103	27	16
7	15	12	10	8.4	9.2	8.6	18	47	241	101	26	19
8	15	10	9.2	8.8	8.6	9.0	21	43	232	95	23	19
9	13	10	8.8	8.4	9.0	9.6	22	43	225	90	24	22
10	12	10	8.8	8.4	9.0	10	19	52	211	88	23	23
11	13	12	9.2	9.0	9.4	10	19	59	209	86	21	19
12	12	11	9.4	8.4	10	10	19	59	229	82	23	16
13	12	10	9.4	8.0	10	9.8	20	59	250	77	28	15
14	12	10	9.2	8.0	10	11	21	60	265	72	22	16
15	13	11	9.0	8.8	9.0	10	22	91	273	70	20	15
16	13	11	8.8	8.4	8.4	11	22	130	257	77	19	14
17	13	11	9.2	7.8	8.8	11	20	130	269	71	19	14
18	14	10	9.8	7.4	9.4	11	19	100	250	68	18	16
19	14	10	9.8	7.4	9.6	12	19	89	228	68	20	15
20	13	10	9.4	8.0	10	13	17	102	222	64	42	14
21	13	10	9.8	8.4	9.4	14	18	145	212	65	34	14
22	13	10	10	8.0	10	15	17	182	198	61	31	15
23	13	9.6	11	7.4	9.4	14	16	189	185	57	25	13
24	13	9.2	10	7.8	9.0	13	17	165	170	53	25	14
25	11	9.2	9.4	8.2	9.4	12	16	151	159	49	24	15
26	11	10	10	8.6	9.8	11	20	134	151	44	34	15
27	11	9.6	9.8	9.2	9.4	13	23	129	138	40	23	14
28	11	9.0	9.0	9.0	9.4	12	27	125	127	38	26	14
29	11	8.6	9.2	9.0	---	13	34	113	132	37	26	17
30	10	9.0	9.4	8.4	---	13	41	108	174	35	21	17
31	9.5	---	9.2	8.4	---	14	---	116	---	34	19	---
TOTAL	403.5	303.8	295.6	257.8	262.0	345.8	589	2900	6175	2401	796	490
MEAN	13.0	10.1	9.54	8.32	9.36	11.2	19.6	93.5	206	77.5	25.7	16.3
AC-FT	800	603	586	511	520	686	1170	5750	12250	4760	1580	972
MAX	22	12	11	9.2	10	15	41	189	273	167	42	23
MIN	9.5	8.5	8.8	7.4	8.4	8.6	13	40	127	34	18	13

CAL YR 1994 TOTAL 9960.1 MEAN 27.3 MAX 175 MIN 4.4 AC-FT 19760  
WTR YR 1995 TOTAL 15219.5 MEAN 41.7 MAX 273 MIN 7.4 AC-FT 30190

MAX DISCH 312 CFS AT 2245 17-JUN-1995 GH 2.79 FT. SHIFT 0.03 FT. MAX GH 2.79 FT. AT 2245 17-JUN-1995



RIO GRANDE BASIN

082215000 RIO GRANDE NEAR MONTE VISTA, CO

**LOCATION.**--Lat 37°36'34", long 106°08'52", in NW¼SW¼ sec. 19, T.39 N., R.8 E., Rio Grande County, Hydrographic Unit 13010002, on left bank 50 ft. downstream from bridge on U.S. Highway 285, 2.0 mi. north of Monte Vista, and 12 mi. downstream from San Francisco Creek.

**DRAINAGE AREA.**--1,590 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder with satellite telemetry. Datum of gage is 7,654.16 ft., Colorado State Highway Datum.

**REMARKS.**--Diversion above station for irrigation of about 90,000 acres. Flow regulated by Beaver Creek, Santa Maria, Rio Grande, and Continental Reservoirs, combined capacity 126,100 acre-ft, and by several smaller reservoirs. Transmountain diversions to drainage area above station from Colorado River basin. Record is complete and reliable except for the following periods: Dec. 27, 1994-Feb. 15, 1995 when the station was closed for the winter; Stage-discharge relation affected by ice Nov. 27-30; Dec. 1-3, 10-26, 1994; Feb. 16-17, 1995. Record is good except for periods of ice affected record and no gage-height record which are fair to poor. Station maintained and records developed by Division III Hydrographic staff.

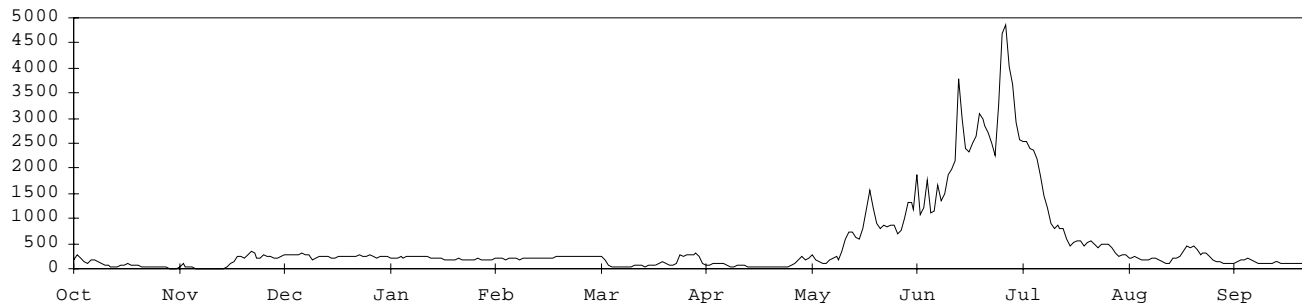
**RATING TABLE.**--RIOMONCO17 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	184	23	245	230	165	256	286	92	750	4680	470	179
2	274	88	275	215	195	252	297	160	1010	4850	404	132
3	217	36	270	215	195	239	251	239	1310	4020	323	141
4	144	33	288	195	195	240	98	178	1330	3670	258	117
5	103	18	285	235	190	236	69	199	1190	2900	280	105
6	167	13	286	220	195	183	80	274	1890	2570	280	95
7	179	17	312	230	195	79	105	187	1060	2520	196	100
8	141	13	292	235	195	46	102	150	1210	2550	197	130
9	116	13	266	240	185	23	121	108	1760	2390	230	159
10	78	9.8	180	230	195	20	92	118	1100	2360	194	177
11	59	8.0	210	230	195	22	76	175	1160	2200	158	205
12	48	8.6	230	255	200	33	28	200	1660	1850	161	187
13	40	17	250	230	210	33	46	239	1370	1470	189	140
14	31	8.7	250	210	205	27	55	185	1490	1200	214	108
15	55	22	230	210	205	58	81	339	1870	916	213	97
16	79	104	220	225	205	77	69	575	1980	810	159	92
17	91	152	215	210	205	69	52	718	2160	879	128	97
18	73	245	230	190	224	50	51	734	3790	799	110	113
19	59	226	245	165	224	58	28	610	2970	812	105	140
20	54	191	245	175	240	77	43	593	2410	597	217	131
21	36	276	230	185	244	69	29	810	2310	455	220	116
22	27	345	240	195	244	118	27	1180	2490	517	228	112
23	26	296	260	190	236	146	24	1560	2630	561	359	109
24	26	209	270	170	240	108	21	1210	3100	569	460	101
25	27	219	255	180	252	70	19	886	2970	468	414	98
26	26	284	240	185	260	54	18	806	2860	531	462	100
27	28	250	265	185	260	111	26	863	2710	550	369	100
28	21	230	255	200	256	291	37	833	2500	476	291	87
29	16	210	220	190	---	250	34	855	2270	428	307	100
30	15	210	235	185	---	275	65	853	3250	477	323	246
31	14	---	240	165	---	275	---	701	---	486	256	---
TOTAL	2454	3775.1	7734	6375	6010	3845	2330	16630	60560	49561	8175	3814
MEAN	79.2	126	249	206	215	124	77.7	536	2019	1599	264	127
AC-FT	4870	7490	15340	12640	11920	7630	4620	32990	120100	98300	16220	7570
MAX	274	345	312	255	260	291	297	1560	3790	4850	470	246
MIN	14	8.0	180	165	165	20	18	92	750	428	105	87

CAL YR 1994 TOTAL 95093.4 MEAN 261 MAX 1480 MIN 5.5 AC-FT 188600  
WTR YR 1995 TOTAL 171263.1 MEAN 469 MAX 4850 MIN 8.0 AC-FT 339700

MAX DISCH 5152 CFS AT 2200 01-JUL-1995 GH 7.72 FT. SHIFT -0.16 FT. MAX GH 7.72 FT. AT 2200 01-JUL-1995





RIO GRANDE BASIN

RIO GRANDE AT RIO GRANDE-ALAMOSA COUNTY LINE, CO

**LOCATION.**--Lat 37°34'13", Long 106°02'43", SW¼NW¼ sec.6, T. 38 N., R. 9 E., Alamosa County, on left bank 125 feet downstream from the county line bridge, 5.0 miles East of Monte Vista and 2.4 miles North of U.S. Highway 160 and 285, on the County Line Road.

**DRAINAGE AREA.**-- 1,640 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder with satellite telemetry. Datum of gage is 7,595 feet, from topographic map.

**REMARKS.**--Station re-established in April 1993. Flow regulated by Beaver Creek, Santa Maria, Rio Grande, and Continental Reservoirs. Transmountain diversions to drainage area above station from Colorado River basin. Record is complete and reliable except for the following periods: Nov. 24-25, 27-28, 1994; Feb. 16-19, 1995 when the well was frozen. Nov. 29, 1994-Feb. 15, 1995 when the station was closed for the winter. Stage-discharge relation affected by ice Nov. 26, 1994; Feb. 20-22, 1995. Record is good except for periods of no gage-height and ice affected record which are fair to poor. Station maintained and records developed by Division III Hydrographic Staff.

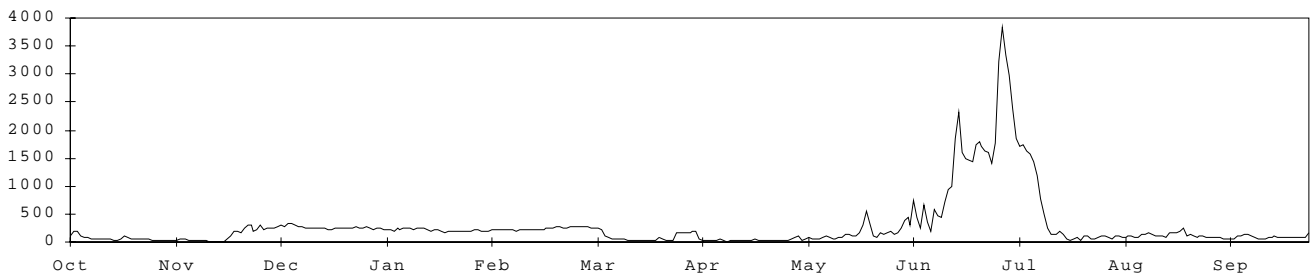
**RATING TABLE.**--RIOLINCO04 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	108	18	280	230	190	276	178	52	162	3240	101	72
2	203	64	300	220	210	271	191	81	247	3830	74	69
3	183	50	280	225	215	260	182	97	381	3330	62	94
4	124	45	330	205	210	253	59	35	455	2970	107	85
5	87	32	330	245	210	249	31	45	311	2360	101	64
6	73	24	300	225	220	225	24	92	740	1860	85	49
7	55	23	265	235	215	120	32	48	447	1720	70	49
8	46	24	275	245	215	86	34	61	244	1740	110	68
9	47	26	260	240	205	55	30	59	660	1630	106	98
10	44	17	245	230	220	46	50	77	360	1560	86	109
11	64	6.5	235	235	210	46	27	107	201	1430	86	130
12	55	5.6	245	255	225	49	11	79	566	1180	130	131
13	47	5.5	255	235	230	54	26	68	469	780	140	106
14	31	10	260	210	225	36	32	46	446	505	164	78
15	41	6.1	255	205	225	20	20	70	718	238	148	66
16	68	5.1	230	225	220	28	21	81	938	132	113	64
17	97	107	225	210	220	24	14	134	998	147	112	63
18	89	189	235	200	245	20	28	136	1840	148	99	77
19	67	193	245	175	245	16	37	107	2320	187	91	96
20	45	173	250	180	260	26	46	107	1610	136	153	103
21	56	235	240	190	270	22	39	169	1480	45	179	88
22	47	312	240	205	265	35	38	298	1450	38	168	86
23	43	290	260	205	259	72	39	552	1440	56	205	85
24	42	195	275	185	259	44	34	329	1750	71	245	82
25	36	215	260	190	268	28	32	110	1790	36	106	81
26	29	295	250	195	275	17	29	95	1720	103	131	82
27	32	230	275	185	275	17	20	167	1630	99	101	81
28	25	245	260	210	268	173	20	140	1590	58	92	77
29	23	250	225	210	---	157	18	161	1410	50	114	81
30	20	245	235	205	---	156	30	192	1760	91	109	164
31	18	---	235	190	---	175	---	133	---	113	78	---
TOTAL	1945	3581.7	8055	6600	6554	3056	1372	3928	30133	29883	3666	2578
MEAN	62.7	119	260	213	234	98.6	45.7	127	1004	964	118	85.9
AC-FT	3860	7100	15980	13090	13000	6060	2720	7790	59770	59270	7270	5110
MAX	203	312	330	255	275	276	191	552	2320	3830	245	164
MIN	18	5.5	225	175	190	16	11	35	162	36	62	49

CAL YR 1994 TOTAL 52284.1 MEAN 143 MAX 705 MIN 5.1 AC-FT 103700  
WTR YR 1995 TOTAL 101351.7 MEAN 278 MAX 3830 MIN 5.5 AC-FT 201000

MAX DISCH 3988 CFS AT 0815 02-JUL-1995 GH 7.58 FT. SHIFT 0.15 FT. MAX GH 7.58 FT. AT 0815 02-JUL-1995



RIO GRANDE BASIN

08223000 RIO GRANDE AT ALAMOSA, CO

**LOCATION.**--Lat 37°28'53", long 105°52'46", in SE¼NE¼ sec. 4, T. 37 N., R. 10 E., Alamosa County, on right bank 0.2 mile northwest of Adams State College and 9 miles upstream from Alamosa Creek.

**DRAINAGE AREA.**--1,710 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in a timber shelter and well. Datum of gage is 7,532.66 ft.

**REMARKS.**--Record is complete and reliable except for Oct. 23-26, 1994 when the inlet was plugged. Stage-discharge relation was affected by ice Nov. 21, 1994-Feb. 10, 1995. Record is good except for periods of no gage-height and ice affected record which are fair to poor. Station maintained and records developed by Div. III staff.

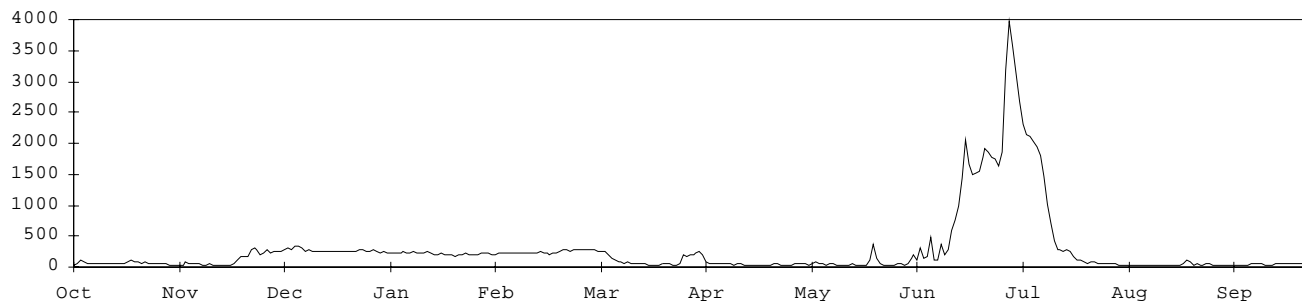
**RATING TABLE.**--RIOALACO21 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	36	255	235	205	278	209	43	45	1870	66	30
2	63	37	290	230	210	282	225	59	38	3170	56	27
3	104	74	305	220	220	275	246	64	58	3980	43	25
4	93	69	285	235	230	261	192	66	145	3590	38	31
5	67	65	340	215	225	259	88	40	194	3140	38	28
6	61	56	340	250	220	259	65	49	111	2670	35	24
7	63	48	305	230	235	207	58	77	315	2310	34	22
8	51	42	260	235	230	130	58	52	137	2140	32	22
9	47	41	280	250	230	104	58	46	170	2120	33	23
10	48	43	260	235	225	82	65	40	487	2040	32	29
11	47	39	250	225	224	72	61	48	124	1930	29	40
12	46	35	240	235	214	69	52	63	112	1790	28	64
13	50	32	245	260	220	71	42	33	360	1460	27	66
14	53	30	255	235	230	69	49	28	207	1010	30	56
15	52	31	265	210	242	59	49	26	278	692	36	43
16	55	32	265	205	232	50	42	24	604	412	34	37
17	78	60	245	220	214	52	41	29	774	280	26	35
18	99	123	240	210	206	49	30	46	986	277	24	35
19	96	177	250	210	215	38	34	40	1440	265	23	43
20	75	172	255	185	229	34	37	34	2060	284	23	57
21	60	175	260	180	252	34	38	26	1650	247	29	66
22	71	275	255	195	276	33	39	35	1500	166	40	59
23	68	310	250	210	276	43	39	109	1520	118	45	61
24	62	285	270	220	263	60	40	365	1540	102	106	61
25	58	195	275	200	268	48	47	149	1770	95	85	60
26	54	220	260	200	277	40	45	51	1910	62	40	57
27	51	295	260	205	285	36	34	29	1860	92	44	56
28	48	230	280	190	282	60	31	29	1780	76	35	54
29	41	250	265	215	---	191	30	23	1740	54	36	58
30	39	255	225	220	---	164	31	28	1620	47	46	59
31	36	---	240	225	---	202	---	48	---	65	43	---
TOTAL	1871	3732	8270	6790	6635	3611	2075	1799	25535	36554	1236	1328
MEAN	60.4	124	267	219	237	116	69.2	58.0	851	1179	39.9	44.3
AC-FT	3710	7400	16400	13470	13160	7160	4120	3570	50650	72500	2450	2630
MAX	104	310	340	260	285	282	246	365	2060	3980	106	66
MIN	35	30	225	180	205	33	30	23	38	47	23	22

CAL YR 1994 TOTAL 43003 MEAN 118 MAX 557 MIN 18 AC-FT 85300  
WTR YR 1995 TOTAL 99436 MEAN 272 MAX 3980 MIN 22 AC-FT 197200

MAX DISCH 4052 CFS AT 1345 03-JUL-1995 GH 8.84 FT. SHIFT -0.61 FT. MAX GH 8.84 FT. AT 1345 03-JUL-1995



RIO GRANDE BASIN

CLOSED BASIN PROJECT CANAL NEAR ALAMOSA, CO

RIO GRANDE COMPACT STATION

**LOCATION.**--Lat 37°28'33", long 105°45'58", SW¼SW¼, sec. 3, T.37 N., R.11 E., Alamosa County, Hydrologic Unit 13010002, 400 ft north of State Highway 160, 5.5 mi east of Alamosa, Co. on right bank of Closed Basin Project Canal.

**DRAINAGE AREA.**--

**GAGE.**--Graphic water-stage recorders on H<sub>a</sub> and H<sub>b</sub> in 8x10 ft. building with concrete stilling wells and satellite telemetry at 12' Parshall flume.

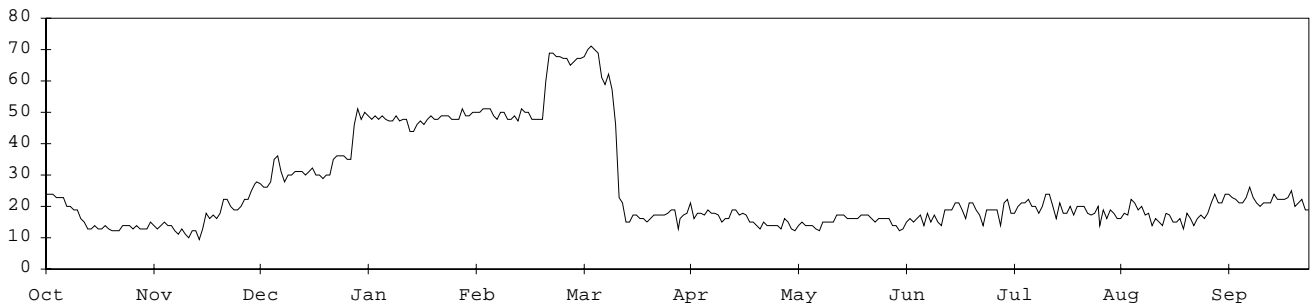
**REMARKS.**--Record is complete and reliable. Record is good. Station maintained and records developed by Division III Hydrographic staff.

**RATING TABLE.**--CBPALACO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	14	28	50	50	65	13	13	16	19	14	18
2	24	13	27	49	50	66	16	16	14	19	19	21
3	24	14	26	48	50	67	17	15	14	14	16	24
4	23	15	26	49	51	67	18	13	12	21	19	21
5	23	14	28	48	51	68	21	12	13	22	18	21
6	23	14	35	49	51	70	16	14	15	18	16	24
7	20	12	36	48	49	71	18	15	16	18	16	24
8	20	11	31	47	48	70	18	14	15	20	18	23
9	19	13	28	47	50	69	17	14	16	21	17	22
10	19	11	30	49	50	61	19	14	17	21	22	21
11	16	10	30	47	48	59	18	13	14	22	21	21
12	15	12	31	48	48	62	18	12	18	20	19	23
13	13	12	31	48	49	57	17	15	15	20	20	26
14	13	9.6	31	44	47	46	15	15	17	18	17	23
15	14	13	30	44	51	23	16	15	15	20	18	21
16	13	18	31	46	50	21	16	15	14	24	14	20
17	13	16	32	47	50	15	19	17	19	24	16	21
18	14	17	30	46	48	15	19	17	19	20	15	21
19	13	16	30	48	48	17	17	17	19	16	14	21
20	12	18	29	49	48	17	18	16	21	21	18	24
21	12	22	30	48	48	16	17	16	21	18	17	22
22	12	22	30	48	60	16	15	16	19	18	15	22
23	14	20	35	49	69	15	15	16	16	20	15	22
24	14	19	36	49	69	16	14	17	21	17	16	23
25	14	19	36	49	68	17	13	17	21	20	13	25
26	13	20	36	48	68	17	15	17	19	20	18	20
27	14	22	35	48	67	17	14	16	17	20	16	21
28	13	22	35	48	67	17	14	15	14	18	14	22
29	13	25	46	51	---	18	14	16	19	17	16	19
30	13	27	51	49	---	19	14	16	19	18	17	19
31	15	---	48	49	---	19	---	16	---	20	16	---
TOTAL	502	490.6	1018	1487	1503	1193	491	470	505	604	520	655
MEAN	16.2	16.4	32.8	48.0	53.7	38.5	16.4	15.2	16.8	19.5	16.8	21.8
AC-FT	996	973	2020	2950	2980	2370	974	932	1000	1200	1030	1300
MAX	24	27	51	51	69	71	21	17	21	24	22	26
MIN	12	9.6	26	44	47	15	13	12	12	14	13	18
CAL YR 1994 TOTAL		11476.6	MEAN	31.4	MAX	83	MIN	9.6	AC-FT	22760		
WTR YR 1995 TOTAL		9438.6	MEAN	25.9	MAX	71	MIN	9.6	AC-FT	18720		

MAX DISCH 72 CFS AT 1315 06-MAR-1995 GH 1.30 FT. SHIFT 0.01 FT. MAX GH 1.30 FT. AT 1315 06-MAR-1995



RIO GRANDE BASIN

CLOSED BASIN IN SAN LUIS VALLEY

08224500 KERBER CREEK NEAR VILLA GROVE, CO

LOCATION.--Lat 38°14'28", long 106°06'57", in SW¼NW¼, sec. 17, T. 46 N., R. 8 E., Saguache County, on left bank 10 miles west of Villa Grove and 4.0 miles downstream from the town of Bonanza.

DRAINAGE AREA.--42 mi<sup>2</sup>. (approx.)

GAGE.--Water stage recorder. Altitude of gage is 8,840 ft. from topographic map.

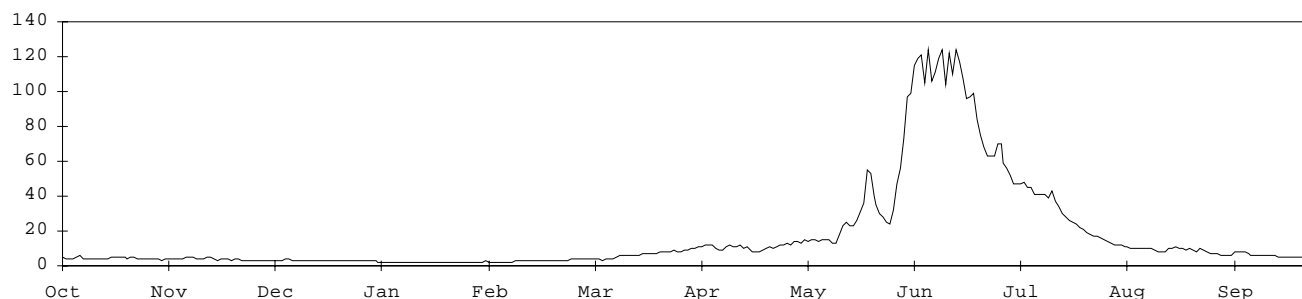
REMARKS.--Record is complete and reliable except for the following periods: Nov. 16, 1994-Apr. 18, 1995 when station was closed for the winter. Nov. 11-12, 14-15, 1994 and Apr. 21-25, 1995 when float was frozen in ice; May 23-31, 1995 when recorder was not working properly. Stage-discharge relation affected by ice Nov. 5-6, 10, 13, 1994. Record is good except for periods of no gage-height, ice affected record, and approximately 20 days of very high flows, which are fair to poor. Station maintained and records developed by Division III Hydrographic Staff.

RATING TABLE.--KERVILCO15 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.3	4.5	3.5	2.2	2.6	4.2	9.4	12	47	70	14	7.0
2	4.4	4.4	3.3	2.3	2.5	4.2	10	14	56	59	13	7.0
3	3.8	4.4	3.3	2.3	2.5	3.9	10	14	73	56	12	5.9
4	4.1	3.8	3.5	2.3	2.3	4.2	11	13	97	52	12	5.6
5	5.3	3.8	3.7	2.3	2.3	3.9	11	15	99	47	12	5.6
6	5.6	4.7	3.6	2.0	2.5	4.0	12	14	115	47	11	5.9
7	4.4	5.1	3.3	2.3	2.5	3.5	12	15	119	47	11	8.5
8	4.4	5.0	3.0	2.3	2.4	3.6	12	15	121	48	10	8.5
9	4.1	4.3	2.6	2.5	2.3	4.1	10	14	105	45	10	8.1
10	3.8	4.1	2.7	2.4	2.8	4.4	9.0	15	124	45	10	7.7
11	3.6	4.1	2.8	2.4	3.0	5.0	9.0	15	106	41	10	7.0
12	3.6	4.8	2.8	2.3	2.9	5.6	11	15	111	41	10	6.2
13	3.8	4.7	3.0	2.2	2.6	5.6	12	13	119	41	9.7	5.9
14	4.1	3.8	3.0	2.5	3.0	5.6	11	13	124	41	9.7	5.9
15	5.3	3.5	2.7	2.5	2.8	5.6	11	18	104	39	9.3	5.6
16	5.3	3.7	2.7	2.4	2.8	6.4	12	23	122	43	8.5	5.6
17	5.3	3.7	2.7	2.2	2.6	6.2	10	25	110	37	8.1	5.6
18	4.7	3.7	2.9	2.2	2.7	6.2	11	23	124	34	7.7	6.2
19	5.0	3.5	2.9	2.2	2.9	6.8	9.3	23	117	30	9.7	5.9
20	4.5	4.3	2.9	2.2	3.2	6.8	8.1	26	107	28	10	5.2
21	5.0	4.1	3.0	2.3	3.2	7.2	8.0	31	96	26	11	5.3
22	4.7	3.5	3.0	2.1	3.5	7.0	8.0	36	97	25	10	5.0
23	4.4	3.2	3.2	1.8	3.5	6.8	8.6	55	99	24	9.7	5.0
24	4.4	3.3	3.4	2.1	3.5	8.0	10	53	84	22	9.3	5.0
25	4.4	3.5	3.1	2.3	3.5	8.0	11	40	75	21	10	5.0
26	4.4	3.3	3.1	2.5	3.8	7.8	10	35	68	19	8.9	5.0
27	4.4	3.5	3.0	2.5	3.6	7.8	11	30	63	18	8.1	5.0
28	4.1	3.4	3.0	2.3	3.6	9.0	12	28	63	17	10	5.0
29	4.4	3.3	2.6	2.2	---	8.4	12	25	63	17	9.3	6.2
30	3.5	3.4	2.6	2.2	---	7.8	13	24	70	16	7.7	5.9
31	3.7	---	2.7	2.3	---	9.0	---	32	---	15	7.3	---
TOTAL	137.8	118.4	93.6	70.6	81.4	186.6	314.4	724	2878	1111	309.0	181.3
MEAN	4.45	3.95	3.02	2.28	2.91	6.02	10.5	23.4	95.9	35.8	9.97	6.04
AC-FT	273	235	186	140	161	370	624	1440	5710	2200	613	360
MAX	5.6	5.1	3.7	2.5	3.8	9.0	13	55	124	70	14	8.5
MIN	3.5	3.2	2.6	1.8	2.3	3.5	8.0	12	47	15	7.3	5.0
CAL YR 1994 TOTAL		3678.8	MEAN	10.1	MAX	70	MIN	1.7	AC-FT	7300		
WTR YR 1995 TOTAL		6206.1	MEAN	17.0	MAX	124	MIN	1.8	AC-FT	12310		

MAX DISCH 159 CFS AT 1930 16-JUN-1995 GH 1.78 FT. SHIFT 0.56 FT. MAX GH 1.78 FT. AT 1930 16-JUN-1995



RIO GRANDE BASIN

08227000 SAGUACHE CREEK NEAR SAGUACHE, CO

**LOCATION.**--Lat 38°09'48", long 106°17'24", in SE¼SE¼ sec. 10, T. 45 N., R 6 E., Saguache County, Hydrologic Unit 13010004, on left bank 0.2 Mi downstream from Middle Creek and 10 mi northwest of Saguache.

**DRAINAGE AREA.**--595 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry. Datum of gage is approximately 8,030 ft. (from topographic map).

**REMARKS.**--Natural flow affected by Tarbell Ditch Transmountain Diversion and irrigation diversions above the station. Record is complete and reliable. The stage-discharge relation was affected by ice Nov.15, 1994-Feb. 19, 1995; Mar. 6, 1995. Record good except for periods of ice affected record which are fair to poor. Station maintained and records developed by Div. III staff.

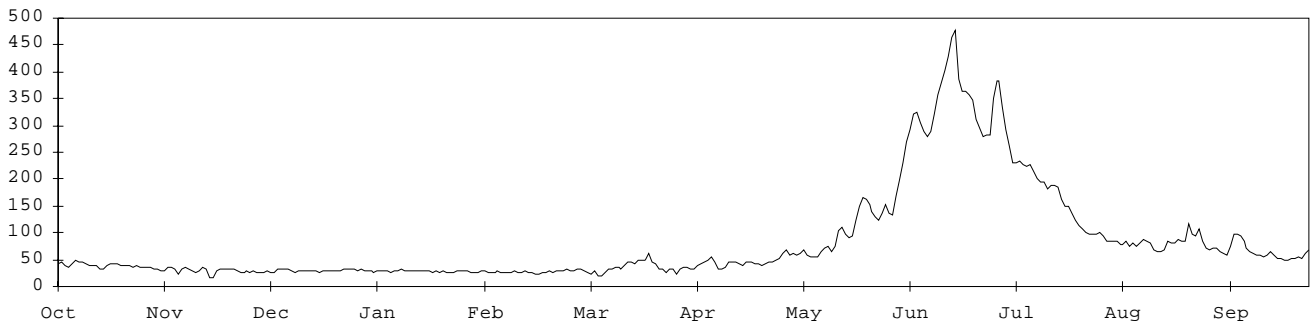
**RATING TABLE.**--SAGSAGCO15 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	30	28	27	29	33	35	67	134	383	94	67
2	44	35	27	28	28	31	37	58	168	384	85	70
3	38	36	27	29	27	28	33	63	199	333	83	70
4	37	33	31	29	26	27	33	58	230	291	84	65
5	42	22	34	29	26	24	38	61	271	264	85	61
6	48	31	33	27	28	28	43	68	293	231	79	58
7	46	35	31	28	27	18	47	58	323	231	79	74
8	46	34	29	29	26	19	50	56	326	234	85	97
9	42	30	27	31	25	26	56	54	305	228	74	99
10	40	25	28	30	27	32	46	56	289	225	81	95
11	39	29	29	30	28	32	31	65	280	226	76	86
12	38	37	29	29	27	36	32	72	289	214	82	73
13	34	31	30	28	25	35	36	76	321	202	89	65
14	32	15	29	30	28	34	44	65	358	195	83	61
15	40	16	28	30	26	38	47	74	379	195	80	60
16	41	30	27	29	25	44	45	104	402	181	69	57
17	41	31	28	28	23	44	41	112	430	188	66	55
18	41	32	29	27	24	43	39	98	463	189	65	58
19	38	31	28	29	25	48	45	91	476	185	69	66
20	38	32	28	27	27	48	44	95	387	163	83	57
21	38	31	30	29	28	49	46	124	364	149	81	53
22	38	28	30	27	26	62	42	148	363	149	82	52
23	37	25	31	26	28	44	42	166	356	137	88	49
24	38	27	32	27	28	43	40	162	348	124	84	50
25	37	29	31	28	29	34	41	152	312	114	83	52
26	37	27	31	29	31	31	45	140	296	108	117	51
27	37	28	30	30	29	26	46	129	280	101	97	55
28	35	26	31	28	29	34	48	124	283	97	93	52
29	34	25	28	26	---	33	52	136	283	96	106	61
30	34	26	28	26	---	24	63	151	351	96	83	68
31	30	---	29	27	---	31	---	137	---	100	73	---
TOTAL	1203	867	911	877	755	1079	1287	3020	9559	6013	2578	1937
MEAN	38.8	28.9	29.4	28.3	27.0	34.8	42.9	97.4	319	194	83.2	64.6
AC-FT	2390	1720	1810	1740	1500	2140	2550	5990	18960	11930	5110	3840
MAX	48	37	34	31	31	62	63	166	476	384	117	99
MIN	30	15	27	26	23	18	31	54	134	96	65	49

CAL YR 1994 TOTAL 16466 MEAN 45.1 MAX 173 MIN 13 AC-FT 32660  
WTR YR 1995 TOTAL 30086 MEAN 82.4 MAX 476 MIN 15 AC-FT 59680

MAX DISCH 523 CFS AT 0730 19-JUN-1995 GH 3.85 FT. SHIFT -0.17 FT. MAX GH 3.85 FT. AT 0730 19-JUN-1995



RIO GRANDE BASIN

CLOSED BASIN IN SAN LUIS VALLEY, CO

08227500 NORTH CRESTONE CREEK NEAR CRESTONE, CO

**LOCATION.**--Lat 38°00'49", long 105°41'32", Saguache County, Hydrologic Unit 13010003, on right bank in canyon, 1.5 mi. northeast of Crestone, and 3.2 mi. upstream from South Crestone Creek.

**DRAINAGE AREA.**--10.7 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder. Altitude of gage is 8,360 ft from topographic map.

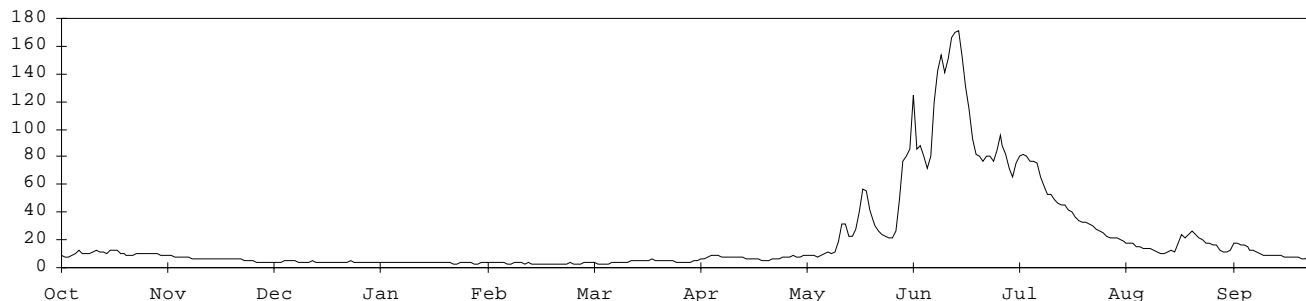
**REMARKS.**--Record is complete and reliable except for Jan. 6-Feb. 28, 1995 when station was closed for the winter; Nov. 26-Dec. 4, 8-31, 1994; Jan. 1-5, 1995 when float was frozen in ice; Mar. 29-30, 1995 when clock stopped; Aug. 29-31; Sep. 1-12, 1995 when pen was not inking. Stage-relation affected by ice Nov. 15-20, 23-25, 1994; Mar. 7-9, 26-28, 31; Apr. 1-2, 11-12, 1995. Gage-height not representative of average June 5-7, 11-12, 1995 due to the high velocities of water in stream causing drawdown of water in stilling well. Record is good except for periods of no gage-height record, ice affect, and "e" record, which are fair to poor. Station maintained and records developed by Division III Hydrographic staff.

**RATING TABLE.**--NOCRES009 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.1	8.8	4.4	3.6	3.4	3.0	4.2	7.7	27	96	23	16
2	8.0	8.4	4.2	3.8	3.4	3.4	4.2	8.4	49	88	22	16
3	7.4	8.0	4.2	3.8	3.4	3.4	4.6	8.0	77	82	21	12
4	8.4	8.0	4.4	3.8	3.2	3.2	4.8	8.0	80	72	21	11
5	10	7.7	4.5	3.8	3.2	3.2	5.9	8.8	85	66	20	11
6	13	7.4	4.8	3.4	3.2	3.0	6.4	8.4	124	75	19	12
7	10	7.0	5.2	3.6	3.2	2.6	7.4	8.8	86	80	18	17
8	10	6.7	4.8	3.6	3.0	2.6	8.4	8.4	88	82	18	17
9	10	6.4	4.0	3.8	2.8	3.0	9.1	8.0	80	80	17	16
10	11	6.2	4.2	3.8	3.2	3.2	8.7	8.8	72	77	15	16
11	12	6.2	4.4	3.8	3.4	3.2	7.4	10	80	77	15	15
12	11	6.7	4.4	3.6	3.2	3.4	7.0	11	120	75	14	13
13	11	6.4	4.6	3.6	2.8	3.4	7.0	10	142	66	14	12
14	10	6.4	4.4	3.8	3.2	3.4	7.4	11	154	59	14	11
15	12	6.2	4.0	3.8	2.8	4.2	7.4	19	141	53	13	10
16	12	6.4	4.0	3.6	2.8	5.0	7.0	31	151	53	11	9.4
17	12	6.4	4.0	3.4	2.6	5.0	7.0	32	166	49	10	8.8
18	10	6.4	4.2	3.4	2.6	5.4	6.7	23	170	46	10	9.4
19	9.6	6.2	4.0	3.4	2.8	5.4	6.7	23	171	45	11	9.4
20	9.1	6.4	4.0	3.4	3.0	5.4	6.4	28	152	45	12	8.8
21	9.1	5.9	4.2	3.4	3.0	5.6	6.4	40	131	41	11	8.4
22	9.4	5.9	4.2	3.2	3.0	5.9	6.2	57	114	40	17	8.0
23	9.8	5.0	4.4	2.8	2.8	5.6	5.6	55	93	37	24	7.7
24	9.8	5.0	4.6	3.0	2.8	5.6	5.6	41	82	34	21	7.7
25	9.8	5.2	4.4	3.2	2.8	5.4	5.6	34	80	33	24	7.7
26	10	5.0	4.4	3.4	3.2	4.8	6.2	30	77	33	27	7.4
27	10	4.4	4.4	3.4	3.0	5.0	6.4	27	80	32	24	6.7
28	9.8	4.4	4.4	3.2	3.0	4.6	6.7	24	80	30	22	6.7
29	9.8	4.2	4.0	3.0	---	4.4	7.4	23	77	28	20	9.3
30	9.4	4.2	4.0	3.0	---	4.0	7.7	22	84	27	18	9.1
31	8.8	---	4.2	3.2	---	4.2	---	22	---	25	17	---
TOTAL	311.3	187.5	133.9	107.6	84.8	129.5	197.5	656.3	3113	1726	543	329.5
MEAN	10.0	6.25	4.32	3.47	3.03	4.18	6.58	21.2	104	55.7	17.5	11.0
AC-FT	617	372	266	213	168	257	392	1300	6170	3420	1080	654
MAX	13	8.8	5.2	3.8	3.4	5.9	9.1	57	171	96	27	17
MIN	7.4	4.2	4.0	2.8	2.6	2.6	4.2	7.7	27	25	10	6.7

CAL YR 1994 TOTAL 5074.1 MEAN 13.9 MAX 101 MIN 1.8 AC-FT 10060  
 WTR YR 1995 TOTAL 7519.9 MEAN 20.6 MAX 171 MIN 2.6 AC-FT 14920  
 MAX DISCH 286 CFS AT 2145 19-JUN-1995 GH 2.87 FT. SHIFT -0.39 FT. MAX GH 2.87 FT. AT 2145 19-JUN-1995



RIO GRANDE BASIN

CLOSED BASIN IN SAN LUIS VALLEY, CO

08230500 CARNERO CREEK NEAR LA GARITA, CO

**LOCATION.**--Lat 37°51'35", long 106°19'08", in SW¼NE¼ sec 28, T.42 N., R.6 E., (projected) Saguache County, Hydrologic Unit 13010004, on left bank 4.5 mi. northwest of La Garita and 6.6 mi. downstream from North Fork.

**DRAINAGE AREA.**--117 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 8,150 ft. from topographic map.

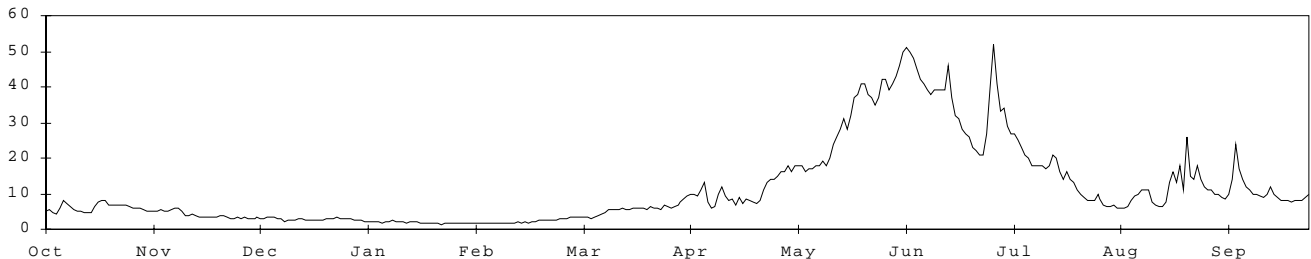
**REMARKS.**--Record is complete and reliable except for the following periods: Nov. 12, 14-15, 1994; Mar. 21-Apr. 5, 1995 when the well was frozen; Nov. 16, 1994-Mar. 20, 1995 when the station was closed for the winter. Stage-discharge relation was ice affected Nov. 4-6, 9-11, 13, 1994. Record is good except for periods of no gage-height record and ice affected record which are fair to poor. Station maintained and records developed by Division III Hydrographic staff.

**RATING TABLE.**--CARLAGC014 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.0	5.0	3.2	2.0	1.9	3.4	7.0	16	39	52	8.6	11
2	5.5	5.2	3.0	2.2	1.8	3.4	7.6	16	41	41	6.8	11
3	4.8	5.5	3.0	2.2	1.8	3.3	8.4	18	43	33	6.2	10
4	4.2	5.0	3.2	2.2	1.6	3.5	9.4	16	46	34	6.5	9.6
5	6.0	5.2	3.4	2.2	1.6	3.5	9.6	18	50	29	6.8	9.0
6	7.9	5.6	3.4	1.9	1.7	3.5	9.6	18	51	27	6.0	8.6
7	7.2	6.0	3.1	2.2	1.7	3.0	9.4	18	50	27	6.0	10
8	6.2	5.8	2.8	2.2	1.6	3.2	11	16	48	25	6.0	14
9	5.5	5.2	2.3	2.4	1.5	3.7	13	17	45	23	6.2	24
10	5.2	4.0	2.4	2.3	1.7	4.2	7.6	17	42	21	8.2	17
11	5.0	4.0	2.7	2.3	1.9	4.8	6.0	18	41	20	9.3	14
12	4.8	4.2	2.7	2.1	1.9	5.4	6.3	18	39	18	9.6	12
13	4.8	3.7	2.9	1.9	1.6	5.4	9.7	19	38	18	11	11
14	4.8	3.5	2.8	2.2	2.1	5.4	12	18	39	18	11	10
15	6.5	3.4	2.6	2.2	1.8	5.4	9.3	20	39	18	11	10
16	7.6	3.6	2.6	2.0	2.0	5.8	7.9	24	39	17	7.6	9.3
17	7.9	3.6	2.6	1.8	1.9	5.6	8.6	26	39	18	6.8	9.0
18	7.9	3.6	2.7	1.8	2.0	5.6	6.7	28	46	21	6.5	9.6
19	6.8	3.4	2.6	1.8	2.2	5.8	9.0	31	37	20	6.2	12
20	6.8	3.8	2.6	1.8	2.4	5.8	7.1	28	32	16	7.6	9.6
21	6.8	3.8	2.8	1.8	2.4	6.0	8.5	32	31	14	13	9.0
22	6.8	3.2	2.8	1.7	2.6	5.8	8.2	37	28	16	16	8.2
23	6.8	2.9	2.9	1.3	2.6	5.6	7.6	38	27	14	13	7.9
24	6.8	3.0	3.2	1.5	2.6	6.2	7.2	41	26	13	18	7.9
25	6.2	3.2	2.9	1.7	2.6	6.0	8.2	41	23	11	11	7.8
26	6.0	3.1	2.9	1.9	2.9	5.8	11	38	22	10	26	7.9
27	5.8	3.2	2.8	1.9	3.0	5.6	13	37	21	9.0	15	7.9
28	5.8	3.1	2.8	1.7	3.0	6.6	14	35	21	8.2	14	7.9
29	5.5	3.0	2.5	1.5	---	6.2	14	37	27	7.9	18	9.0
30	5.2	3.1	2.5	1.5	---	5.8	15	42	40	7.9	14	10
31	5.1	---	2.6	1.7	---	6.4	---	42	---	9.8	12	---
TOTAL	187.2	120.9	87.3	59.9	58.4	155.7	281.9	820	1110	616.8	323.9	314.2
MEAN	6.04	4.03	2.82	1.93	2.09	5.02	9.40	26.5	37.0	19.9	10.4	10.5
AC-FT	371	240	173	119	116	309	559	1630	2200	1220	642	623
MAX	7.9	6.0	3.4	2.4	3.0	6.6	15	42	51	52	26	24
MIN	4.2	2.9	2.3	1.3	1.5	3.0	6.0	16	21	7.9	6.0	7.8
CAL YR 1994 TOTAL		2582.4	MEAN	7.08	MAX	35	MIN	1.3	AC-FT	5120		
WTR YR 1995 TOTAL		4136.2	MEAN	11.3	MAX	52	MIN	1.3	AC-FT	8200		

MAX DISCH 58 CFS AT 1500 01-JUL-1995 GH 2.77 FT. SHIFT -0.12 FT. MAX GH 2.77 FT. AT 1500 01-JUL-1995



RIO GRANDE BASIN

CLOSED BASIN IN SAN LUIS VALLEY,

08231000 LA GARITA CREEK NEAR LA GARITA, CO

LOCATION.--Lat 37°48'48", long 106°19'04", in NW¼SE¼ sec. 9, T.41 N., R.6 E., Saguache County, Hydrologic Unit 13010004, on right bank 4.5 mi. downstream from Little La Garita Creek and 4.5 mi. southwest of La Garita, Co.

DRAINAGE AREA.--61 mi<sup>2</sup>.

GAGE.--Graphic water-stage recorder. Altitude of gage is 8,030 ft from topographic map.

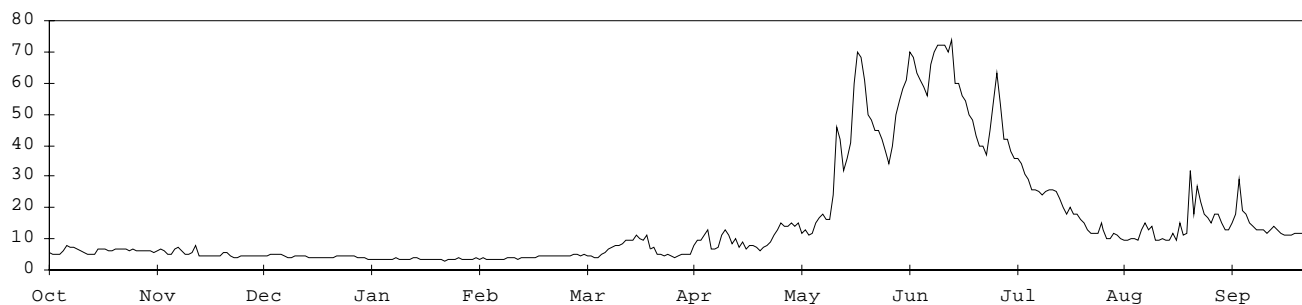
REMARKS.--Record is complete and reliable except for the following periods: Nov. 27-Dec. 6, 1994 when the well was frozen; Dec. 7, 1994-Mar. 20, 1995 when the station was closed for the winter. Stage-discharge relation affected by ice Nov. 5, 10, 13-26, 1994; Mar. 27, 29-Apr. 1, 1995. Record is good except for periods of no gage-height and ice-affected record which are fair to poor. Station maintained and records developed by Division III Hydrographic staff.

RATING TABLE.--LAGLAGCO12 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.6	5.9	4.7	3.2	3.8	5.0	5.0	14	40	63	13	15
2	5.3	6.6	4.5	3.4	3.6	5.0	4.9	14	50	53	10	18
3	5.0	6.2	4.5	3.5	3.7	4.6	4.9	15	54	42	10	18
4	5.3	5.3	4.8	3.5	3.3	4.9	5.2	14	58	42	12	15
5	5.9	5.0	5.2	3.5	3.3	4.6	8.1	15	61	38	11	13
6	8.1	6.6	5.2	3.2	3.6	4.6	9.4	12	70	36	10	13
7	7.3	7.0	4.8	3.5	3.5	4.0	9.6	13	68	36	9.5	15
8	7.3	6.2	4.5	3.5	3.3	4.1	11	11	63	34	9.5	18
9	6.6	4.8	3.9	3.7	3.1	5.0	13	12	61	31	10	29
10	5.9	5.0	4.0	3.6	3.7	5.8	6.6	15	59	29	10	19
11	5.6	5.8	4.3	3.6	4.0	6.6	6.9	17	56	26	9.5	18
12	5.3	7.7	4.3	3.5	3.8	7.4	7.5	18	66	26	13	15
13	5.0	4.7	4.6	3.4	3.3	7.8	11	16	70	25	15	14
14	5.3	4.4	4.4	3.7	4.1	8.0	13	16	72	24	13	13
15	6.6	4.2	4.0	3.7	3.7	8.2	11	24	72	25	14	13
16	6.6	4.5	3.8	3.5	4.0	9.6	8.5	46	72	26	9.5	13
17	6.6	4.7	3.8	3.3	3.8	9.4	10	42	70	26	9.5	12
18	5.9	4.7	4.0	3.3	4.0	9.4	7.0	32	74	25	10	13
19	6.2	4.4	3.9	3.3	4.2	11	9.0	36	60	23	9.5	14
20	6.6	5.6	3.9	3.3	4.5	10	6.8	41	60	20	9.5	13
21	6.6	5.4	4.1	3.4	4.3	9.5	7.8	60	56	18	12	12
22	6.6	4.3	4.1	3.2	4.5	11	7.7	70	54	20	9.5	11
23	6.6	3.8	4.3	2.8	4.3	6.8	7.0	68	50	18	15	11
24	6.2	4.1	4.6	3.1	4.3	7.0	6.2	61	48	18	11	11
25	6.6	4.5	4.3	3.3	4.3	5.2	7.3	50	43	16	12	12
26	6.2	4.3	4.3	3.6	4.7	5.0	8.1	48	40	15	32	12
27	6.2	4.6	4.2	3.7	4.5	4.6	9.0	45	40	13	18	12
28	6.2	4.5	4.3	3.4	4.5	5.0	11	45	37	12	27	12
29	6.2	4.3	3.7	3.2	---	4.7	13	42	45	12	22	15
30	6.4	4.5	3.7	3.2	---	4.0	15	38	54	12	18	16
31	5.6	---	3.9	3.4	---	4.7	---	34	---	15	17	---
TOTAL	191.4	153.6	132.6	105.5	109.7	202.5	260.5	984	1723	819	411.0	435
MEAN	6.17	5.12	4.28	3.40	3.92	6.53	8.68	31.7	57.4	26.4	13.3	14.5
AC-FT	380	305	263	209	218	402	517	1950	3420	1620	815	863
MAX	8.1	7.7	5.2	3.7	4.7	11	15	70	74	63	32	29
MIN	5.0	3.8	3.7	2.8	3.1	4.0	4.9	11	37	12	9.5	11
CAL YR 1994 TOTAL		3326.7	MEAN	9.11	MAX	50	MIN	2.6	AC-FT	6600		
WTR YR 1995 TOTAL		5527.8	MEAN	15.1	MAX	74	MIN	2.8	AC-FT	10960		

MAX DISCH 101 CFS AT 0015 23-MAY-1995 GH 2.93 FT. SHIFT 0.07 FT. MAX GH 2.93 FT. AT 0015 23-MAY-1995





RIO GRANDE BASIN

08236000 ALAMOSA CREEK ABOVE TERRACE RESERVOIR, CO

**LOCATION.**--Lat 37°22'29", long 106°20'03", in NW¼NE¼ sec. 17, T.36 N., R.6 E., Conejos County, Hydrologic Unit 13100002, on left bank 0.8 mi upstream from high-water line of Terrace Reservoir at elevation 8,568 ft., 3.0 mi. downstream from French Creek, and 15 mi. northwest of Capulin.

**DRAINAGE AREA.**--107 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry. Datum of gage is 8,600 ft., from topographic map.

**REMARKS.**--Record is complete and reliable except for the following periods: Nov. 30, 1994-Mar. 24, 1995 when the station was closed for the winter; Mar. 25-Apr. 26, 30-May 3, 7-8, 21-11; Sep. 30, 1995 when the recorder and shaft encoder were not working properly. Stage-discharge relation was ice affected Nov. 15-29, 1994. Record is good except for periods of no gage-height record and ice affected record which are fair to poor. Station maintained and records developed by Division III Hydrographic staff.

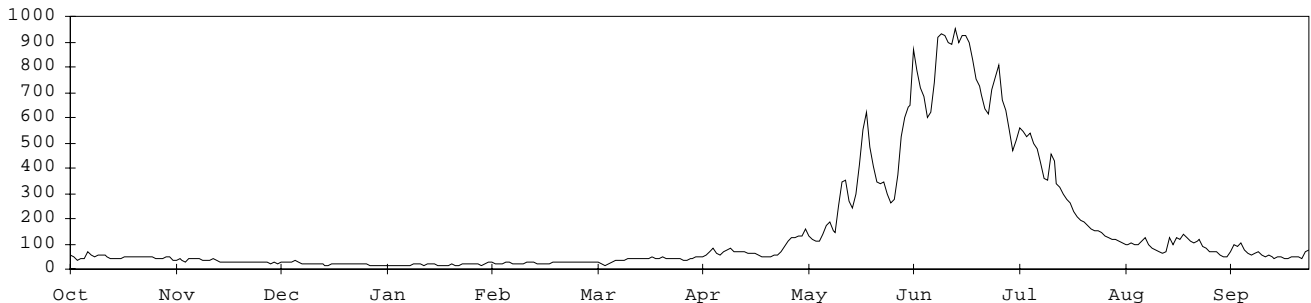
**RATING TABLE.**--ALATERCO14 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52	37	23	12	25	31	40	124	371	804	130	72
2	45	38	28	15	25	31	43	124	522	671	122	70
3	36	35	29	14	24	30	46	128	598	631	114	68
4	38	30	29	17	24	31	48	134	641	552	116	56
5	44	38	31	17	24	30	50	156	646	467	111	51
6	69	42	35	16	26	23	58	133	867	513	102	49
7	55	42	30	14	26	17	68	117	784	559	97	68
8	50	44	23	17	24	22	80	110	720	545	97	94
9	52	36	18	17	23	28	64	111	683	523	101	87
10	57	34	18	18	22	32	56	136	603	536	95	102
11	54	36	22	19	23	37	66	171	620	500	97	74
12	48	42	21	18	27	37	74	185	740	474	111	62
13	44	35	22	17	27	35	80	153	920	421	127	54
14	43	30	19	18	29	38	70	147	928	356	99	62
15	42	28	16	23	23	40	70	247	927	350	84	69
16	42	30	16	18	21	40	72	348	895	455	73	52
17	50	27	18	14	21	41	66	351	890	427	67	47
18	45	28	20	12	22	42	64	269	955	341	64	53
19	48	31	20	14	22	43	62	243	900	323	71	50
20	46	30	18	17	26	40	62	297	925	294	121	44
21	45	30	20	22	29	47	54	415	921	275	97	47
22	45	31	21	17	30	42	50	554	895	259	126	48
23	47	28	23	15	29	39	45	621	825	231	118	40
24	49	29	22	19	29	46	47	484	750	207	136	43
25	45	29	20	22	29	42	50	408	722	194	124	50
26	44	31	20	24	30	42	54	344	689	184	113	49
27	43	28	19	21	30	40	57	339	632	171	102	50
28	43	25	17	21	30	43	69	342	615	159	110	43
29	45	22	17	21	---	39	93	299	711	155	117	70
30	46	25	17	17	---	35	110	260	757	150	88	75
31	37	---	15	22	---	35	---	273	---	147	81	---
TOTAL	1449	971	667	548	720	1118	1868	8023	22652	11874	3211	1799
MEAN	46.7	32.4	21.5	17.7	25.7	36.1	62.3	259	755	383	104	60.0
AC-FT	2870	1930	1320	1090	1430	2220	3710	15910	44930	23550	6370	3570
MAX	69	44	35	24	30	47	110	621	955	804	136	102
MIN	36	22	15	12	21	17	40	110	371	147	64	40

CAL YR 1994 TOTAL 40741 MEAN 112 MAX 903 MIN 13 AC-FT 80810  
WTR YR 1995 TOTAL 54900 MEAN 150 MAX 955 MIN 12 AC-FT 108900

MAX DISCH 1282 CFS AT 0130 15-JUN-1995 GH 3.36 FT. SHIFT -0.04 FT. MAX GH 3.36 FT. AT 0130 15-JUN-1995



RIO GRANDE BASIN

08236500 ALAMOSA CREEK BELOW TERRACE RESERVOIR, CO

LOCATION.--Lat 37°21'15", long 106°16'45", NE¼SE¼ sec. 23, T.36 N., R.6 E., Conejos County, Hydrologic Unit 13010002, on left bank 0.5 mi downstream from Terrace Reservoir, 12.0 mi northwest of Capulin, Co.

DRAINAGE AREA.--116 mi².

GAGE.--Water-stage recorder with satellite telemetry. Altitude of gage is 8,375 ft, from topographic map.

REMARKS.--Record is complete and reliable except for the following periods: Nov. 30, 1994-Feb. 21, 1995 when well was frozen; Apr. 28, 1995 when recorder clock stopped and there was missing satellite data. Record is good except for periods of no gage height record which are fair. Station maintained and records developed by Division III Hydrographic staff.

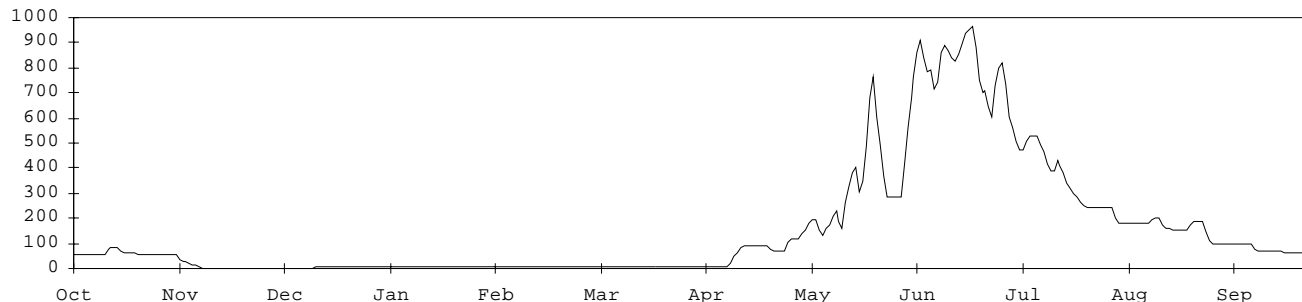
RATING TABLE.--ALABELCO12 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	38	3.1	4.2	5.2	6.5	7.8	118	283	816	243	99
2	58	30	3.2	4.2	5.3	6.5	7.9	120	420	738	242	99
3	58	30	3.2	4.3	5.3	6.5	8.0	142	563	602	204	99
4	58	21	3.2	4.3	5.3	6.5	8.4	155	679	560	183	98
5	58	14	3.3	4.3	5.4	6.5	9.1	178	762	507	183	98
6	58	14	3.3	4.4	5.4	6.6	8.9	192	858	474	182	98
7	58	7.2	3.3	4.4	5.4	6.5	8.8	192	908	474	182	98
8	58	3.0	3.4	4.4	5.5	6.6	8.8	155	838	508	182	98
9	58	2.9	3.4	4.5	5.5	6.8	8.8	135	788	527	180	97
10	57	3.0	3.4	4.5	5.5	6.8	8.9	159	789	527	179	97
11	74	3.0	3.5	4.5	5.6	6.8	9.0	174	715	527	179	97
12	84	3.2	3.5	4.6	5.6	6.9	22	210	745	490	179	97
13	84	3.1	3.5	4.6	5.6	7.0	52	232	858	468	179	78
14	84	3.1	3.6	4.6	5.7	7.0	64	190	892	420	194	67
15	71	3.0	3.6	4.7	5.7	7.0	80	161	869	389	203	67
16	63	3.1	3.6	4.7	5.7	7.0	89	267	840	389	202	67
17	63	3.1	3.7	4.7	5.8	6.9	88	326	828	431	173	67
18	63	3.1	3.7	4.8	5.8	7.0	88	379	852	411	157	67
19	63	3.1	3.7	4.8	5.9	7.6	88	405	897	384	157	67
20	57	3.0	3.8	4.8	5.9	7.6	88	308	935	343	156	66
21	53	3.0	3.8	4.9	5.9	7.8	89	350	949	320	155	67
22	53	3.0	3.8	4.9	6.1	7.6	89	483	968	299	155	65
23	53	3.1	3.9	4.9	6.2	7.6	88	682	879	288	155	65
24	53	3.1	3.9	5.0	6.3	7.6	77	764	751	262	154	65
25	53	3.1	3.9	5.0	6.3	7.6	71	602	704	247	175	65
26	53	3.1	4.0	5.0	6.5	7.6	71	493	705	246	187	65
27	53	3.1	4.0	5.1	6.5	7.6	70	368	643	246	186	65
28	53	3.1	4.1	5.1	6.5	7.6	70	287	606	246	185	65
29	53	3.1	4.1	5.1	---	7.6	102	286	727	245	185	65
30	53	3.1	4.1	5.2	---	7.6	120	283	800	245	146	65
31	53	---	4.2	5.2	---	7.6	---	283	---	244	109	---
TOTAL	1865	224.7	112.8	145.7	161.4	220.4	1600.4	9079	23051	12873	5531	2373
MEAN	60.2	7.49	3.64	4.70	5.76	7.11	53.3	293	768	415	178	79.1
AC-FT	3700	446	224	289	320	437	3170	18010	45720	25530	10970	4710
MAX	84	38	4.2	5.2	6.5	7.8	120	764	968	816	243	99
MIN	53	2.9	3.1	4.2	5.2	6.5	7.8	118	283	244	109	65

CAL YR 1994 TOTAL 41520.4 MEAN 114 MAX 903 MIN 2.9 AC-FT 82360  
WTR YR 1995 TOTAL 57237.4 MEAN 157 MAX 968 MIN 2.9 AC-FT 113500

MAX DISCH 977 CFS AT 1600 22-JUN-1995 GH 5.17 FT. SHIFT -0.06 FT. MAX GH 5.17 FT. AT 1600 22-JUN-1995



RIO GRANDE BASIN

08238000 LA JARA CREEK AT GALLEGOS RANCH, NEAR CAPULIN, CO

**LOCATION.**--Lat 37°12'32", long 106°11'16", in NE¼ sec. 10, T.34 N., R.7 E., Conejos County, Hydrologic Unit 13010002, on left bank 2.7 mi. downstream from Canyon Del Rancho, 7 mi. southwest of Capulin, and 16.5 mi. downstream from La Jara Reservoir.

**DRAINAGE AREA.**--98 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder with satellite telemetry. Altitude of gage is 8,130 ft from topographic map.

**REMARKS.**--Flow regulated by La Jara Reservoir. Record is complete and reliable except for the following periods: Nov. 14-29, 1994; Mar. 9, 1995 when the well was frozen; Nov. 30, 1994-Mar. 8, 1995 when the station was closed for the winter. Record is good except for periods of no gage-height record, which are fair to poor. Station maintained and records developed by Division III Hydrographic staff.

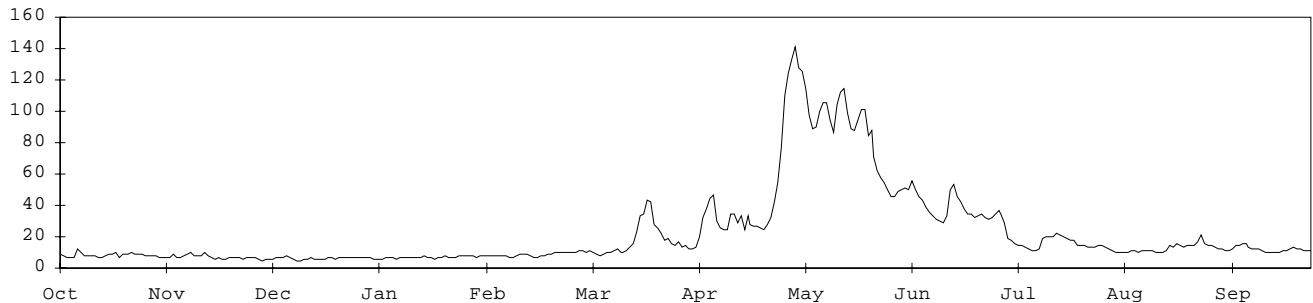
**RATING TABLE.**--LAJCAPCO16 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.8	6.6	5.2	5.2	8.0	11	15	124	46	37	13	14
2	7.4	6.4	6.0	5.8	8.0	11	12	133	49	34	12	13
3	6.8	8.5	6.4	5.6	7.6	10	12	141	50	29	11	12
4	7.0	6.2	6.4	6.4	7.6	11	13	128	51	19	10	12
5	6.9	6.3	6.8	6.4	7.6	10	20	126	50	18	10	11
6	12	7.4	7.4	6.2	8.0	9.0	32	114	56	16	10	11
7	9.5	8.6	6.8	5.8	8.2	8.0	38	98	50	15	10	12
8	8.3	10	6.0	6.4	7.6	9.0	45	89	46	14	10	14
9	7.9	8.0	5.0	6.4	7.2	9.6	47	90	43	13	11	15
10	7.6	7.4	5.0	6.6	7.2	10	30	100	39	12	11	16
11	7.3	7.5	6.0	6.8	7.6	11	26	106	36	11	10	16
12	7.1	10	6.0	6.8	8.4	12	24	106	33	11	11	13
13	7.0	7.8	6.2	6.6	8.4	9.8	25	95	31	12	11	12
14	7.3	6.4	5.8	6.6	8.8	10	35	87	30	19	11	12
15	8.4	6.0	5.6	8.0	7.8	11	34	105	29	20	11	12
16	8.7	6.4	5.6	7.2	7.2	13	29	112	33	20	10	11
17	9.6	5.8	6.0	6.2	7.2	16	33	114	50	20	10	10
18	7.1	6.0	6.4	5.6	7.6	23	24	99	53	22	10	10
19	8.9	6.6	6.4	6.2	7.6	33	33	89	46	21	11	10
20	9.0	6.6	6.0	6.8	8.4	35	28	88	42	20	14	10
21	9.3	6.6	6.4	7.8	9.2	43	27	94	38	19	13	10
22	9.5	6.6	6.8	6.8	9.8	42	27	101	35	18	16	11
23	9.4	6.0	7.2	6.4	9.6	28	26	101	34	18	14	11
24	9.2	6.2	7.0	7.0	9.6	26	25	84	32	14	13	12
25	8.7	6.2	6.6	7.6	9.6	22	28	88	33	14	15	13
26	8.2	6.6	6.6	8.0	10	18	32	71	34	14	15	12
27	8.0	6.2	6.6	7.4	10	19	42	62	32	13	14	12
28	7.6	5.6	6.2	7.4	10	16	54	58	31	13	17	11
29	7.6	5.0	6.2	7.4	---	15	77	54	32	13	21	11
30	7.0	5.6	6.2	6.6	---	17	110	50	35	14	16	11
31	6.4	---	5.8	7.4	---	13	---	46	---	14	15	---
TOTAL	253.5	205.1	192.6	207.4	233.8	531.4	1003	2953	1199	547	386	360
MEAN	8.18	6.84	6.21	6.69	8.35	17.1	33.4	95.3	40.0	17.6	12.5	12.0
AC-FT	503	407	382	411	464	1050	1990	5860	2380	1080	766	714
MAX	12	10	7.4	8.0	10	43	110	141	56	37	21	16
MIN	6.4	5.0	5.0	5.2	7.2	8.0	12	46	29	11	10	10

CAL YR 1994 TOTAL 5709.7 MEAN 15.6 MAX 84 MIN 5.0 AC-FT 11330  
WTR YR 1995 TOTAL 8071.8 MEAN 22.1 MAX 141 MIN 5.0 AC-FT 16010

MAX DISCH 179 CFS AT 0445 03-MAY-1995 GH 4.84 FT. SHIFT -1.00 FT. MAX GH 4.84 FT. AT 0445 03-MAY-1995



RIO GRANDE BASIN

SOUTH CHANNEL NORTON DRAIN DITCH NEAR LA SAUSES, CO

LOCATION.--Lat 37°17'54", long 105°51'00, SW¼SW¼ sec. 2, T.35 N., R.10 E., Conejos County, Hydrologic Unit 13100002, on right bank of ditch.

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorder and a 3' Parshall Flume.

REMARKS.--Record is complete and reliable except for the following periods: Nov. 30-Dec. 1, 1994 when the well was frozen; Dec. 2, 1994-Feb. 19, 1995 when the station was closed for the winter. Record is good except for periods of no gage-height record, which are fair to poor. Station maintained and records developed by Division III Hydrographic staff.

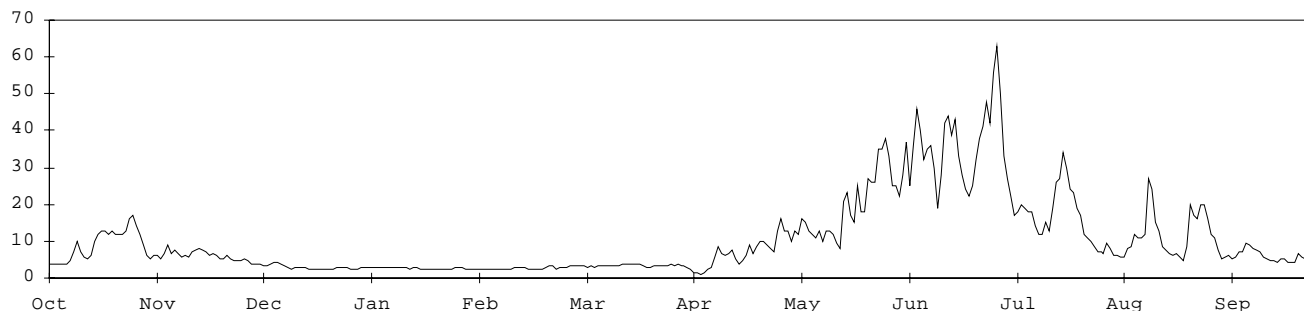
RATING TABLE.--NORDSCCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.8	6.0	3.7	2.7	2.6	3.2	3.4	13	25	63	6.6	12
2	4.0	5.2	3.4	2.7	2.6	3.2	3.2	13	25	50	9.5	11
3	3.7	6.6	3.4	2.7	2.6	3.3	2.8	10	22	33	7.9	7.8
4	3.7	9.1	3.7	2.7	2.5	3.4	2.5	13	28	27	6.1	5.4
5	3.6	6.6	4.4	2.7	2.5	3.0	1.3	12	37	22	6.3	5.5
6	3.9	7.8	4.4	2.8	2.6	3.2	1.2	16	25	17	5.8	6.0
7	4.7	6.4	3.7	2.7	2.6	2.9	1.0	15	36	18	5.7	5.4
8	6.9	5.7	3.4	2.8	2.6	3.2	1.4	13	46	20	8.1	5.5
9	9.8	6.1	2.9	2.7	2.5	3.3	2.2	12	40	19	8.5	7.3
10	7.2	5.8	2.6	2.7	2.5	3.4	2.8	11	32	18	12	7.3
11	5.5	7.2	2.9	2.8	2.6	3.4	5.7	13	35	18	11	9.6
12	5.0	7.8	2.7	2.7	2.7	3.4	8.3	10	36	14	11	9.0
13	6.1	8.1	2.9	2.6	2.7	3.3	6.7	13	30	12	12	8.1
14	10	7.5	2.7	2.7	2.8	3.3	6.0	13	19	12	27	7.8
15	12	7.3	2.5	2.8	2.7	3.6	6.6	12	28	15	24	7.2
16	13	6.1	2.4	2.6	2.6	3.6	7.5	9.3	42	13	15	5.8
17	13	6.4	2.5	2.5	2.6	3.7	5.2	8.2	44	19	13	5.2
18	12	6.0	2.5	2.4	2.6	3.8	3.6	21	39	26	8.5	4.7
19	13	5.4	2.5	2.5	2.5	3.8	4.6	23	43	27	7.6	4.7
20	12	5.4	2.5	2.5	2.5	3.6	6.3	17	33	34	6.4	4.3
21	12	6.1	2.5	2.6	3.0	3.4	9.1	15	28	30	6.3	5.1
22	12	5.2	2.5	2.5	3.4	3.0	6.4	25	24	24	6.4	5.1
23	13	4.7	2.9	2.5	3.4	2.9	8.6	18	22	23	5.8	4.4
24	16	4.6	2.9	2.5	2.5	3.1	10	18	25	19	4.7	4.3
25	17	4.6	2.7	2.6	2.9	3.4	10	27	32	17	8.5	4.3
26	14	5.2	2.8	2.8	3.0	3.4	9.1	26	38	12	20	6.6
27	12	4.8	2.6	2.8	3.0	3.2	8.0	26	41	11	17	5.5
28	9.1	3.8	2.5	2.7	3.1	3.4	7.2	35	48	9.7	16	5.1
29	6.3	3.6	2.5	2.6	---	3.6	13	35	42	8.3	20	5.2
30	5.4	3.7	2.8	2.5	---	3.4	16	38	56	7.3	20	8.0
31	6.0	---	2.8	2.6	---	3.6	---	33	---	7.0	16	---
TOTAL	275.7	178.8	91.2	82.0	76.2	104.0	179.7	563.5	1021	645.3	352.7	193.2
MEAN	8.89	5.96	2.94	2.65	2.72	3.35	5.99	18.2	34.0	20.8	11.4	6.44
AC-FT	547	355	181	163	151	206	356	1120	2030	1280	700	383
MAX	17	9.1	4.4	2.8	3.4	3.8	16	38	56	63	27	12
MIN	3.6	3.6	2.4	2.4	2.5	2.9	1.0	8.2	19	7.0	4.7	4.3

CAL YR 1994 TOTAL 3198.7 MEAN 8.76 MAX 46 MIN 1.5 AC-FT 6340  
WTR YR 1995 TOTAL 3763.3 MEAN 10.3 MAX 63 MIN 1.0 AC-FT 7460

MAX DISCH 64 CFS AT 1945 01-JUL-1995 GH 2.98 FT. SHIFT -0.08 FT. MAX GH 2.98 FT. AT 1945 01-JUL-1995



RIO GRANDE BASIN

NORTON DRAIN NEAR LA SAUSES, CO

LOCATION.--Lat 37°20'10", long 105°46'13", NE¼SW¼ sec. 28, T.36 N., R.11 E., Conejos County, Hydrologic Unit 13010002, on right bank 2.5 mi east by northeast along canal from State Route 158.

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorder with satellite telemetry at an 8' Parshall Flume.

REMARKS.--Record is complete and reliable except for the following periods: Nov. 22, 1994; Mar. 6-9, 1995 when the well was frozen, and Nov. 23, 1994-Feb. 16, 1995 when the station was closed for the winter; Stage-discharge relation was affected by ice Nov. 17-18, 21, 1994; Mar. 23, 26-27, 31, 1995; Apr. 9, 11, 18, 1995. Record is good except for periods of no gage-height record and ice affected record which are fair to poor. Station maintained and records developed by Division III Hydrographic staff.

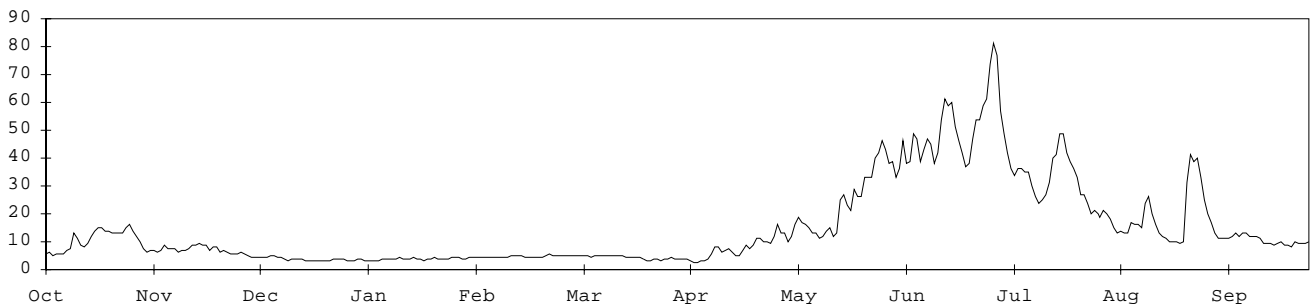
RATING TABLE.--NORDLSCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.5	6.8	4.6	3.3	4.3	5.2	3.7	13	38	81	19	20
2	6.1	6.1	4.4	3.4	4.3	5.0	3.7	13	39	77	21	17
3	5.3	7.1	4.4	3.4	4.3	4.9	3.7	10	33	57	20	13
4	5.6	8.6	4.6	3.4	4.1	5.0	3.6	12	36	49	18	11
5	5.9	7.6	5.0	3.4	4.1	4.8	2.9	16	46	42	15	11
6	5.6	7.7	5.0	3.7	4.3	4.7	2.7	19	38	36	13	11
7	6.9	7.4	4.6	3.5	4.3	4.2	2.7	17	39	34	14	11
8	7.7	6.3	4.3	3.9	4.5	4.8	2.9	16	49	36	13	12
9	13	6.6	3.7	3.7	4.3	5.0	3.0	15	47	36	13	13
10	11	6.7	3.4	3.7	4.1	5.1	4.0	13	39	35	17	12
11	9.0	7.4	3.7	4.2	4.5	5.1	5.7	13	43	35	16	13
12	8.3	8.8	3.5	3.8	4.8	5.1	8.3	11	47	30	16	13
13	9.2	8.9	3.7	3.6	4.8	5.0	7.9	12	45	26	15	12
14	12	9.3	3.5	3.8	5.0	4.8	6.5	14	38	24	24	12
15	14	9.0	3.3	4.4	4.7	4.9	7.1	15	42	25	26	12
16	15	8.5	3.2	4.0	4.5	4.8	7.7	12	54	27	20	11
17	15	6.8	3.3	3.7	4.4	4.5	6.5	13	61	31	16	9.4
18	14	8.0	3.3	3.4	4.5	4.3	4.9	25	59	40	13	9.5
19	14	7.9	3.3	3.8	4.5	4.3	5.1	27	60	41	12	9.4
20	13	6.4	3.3	3.8	4.6	4.2	6.6	23	51	49	11	8.9
21	13	7.0	3.3	4.1	4.6	4.1	8.7	21	46	49	10	9.5
22	13	6.2	3.3	3.8	5.3	3.5	7.2	29	42	42	10	9.8
23	13	5.8	3.7	3.6	5.5	3.2	8.8	26	37	39	9.9	8.8
24	15	5.6	3.7	3.8	5.0	3.4	11	26	38	36	9.5	8.7
25	16	5.6	3.5	4.0	4.9	3.6	11	33	47	33	9.7	8.4
26	14	6.2	3.6	4.5	5.1	3.7	10	33	54	27	31	10
27	12	5.8	3.4	4.4	5.2	3.4	10	33	54	27	41	9.6
28	10	5.0	3.3	4.2	5.2	4.0	9.1	40	59	24	39	9.3
29	7.2	4.6	3.3	4.0	---	3.8	12	42	61	20	40	9.1
30	6.4	4.6	3.6	3.8	---	4.1	16	46	74	21	33	10
31	6.6	---	3.6	4.1	---	3.7	---	43	---	20	25	---
TOTAL	322.3	208.3	116.4	118.2	129.7	136.2	203.0	681	1416	1149	590.1	334.4
MEAN	10.4	6.94	3.75	3.81	4.63	4.39	6.77	22.0	47.2	37.1	19.0	11.1
AC-FT	639	413	231	234	257	270	403	1350	2810	2280	1170	663
MAX	16	9.3	5.0	4.5	5.5	5.2	16	46	74	81	41	20
MIN	5.3	4.6	3.2	3.3	4.1	3.2	2.7	10	33	20	9.5	8.4

CAL YR 1994 TOTAL 3848.5 MEAN 10.5 MAX 55 MIN 2.2 AC-FT 7630  
WTR YR 1995 TOTAL 5404.6 MEAN 14.8 MAX 81 MIN 2.7 AC-FT 10720

MAX DISCH 82 CFS AT 0215 01-JUL-1995 GH 1.80 FT. SHIFT -0.01 FT. MAX GH 1.80 FT. AT 0215 01-JUL-1995



RIO GRANDE BASIN

08240000 RIO GRANDE ABOVE MOUTH OF TRINCHERA CREEK, NEAR LASAUSES, CO

**LOCATION.**--Lat 37°18'58", long 105°44'32", in sec. 35, T.36 N., R.11 E., Conejos County, Hydrologic Unit 13010002, on right bank 0.2 mi upstream from the historical channel of Trinchera Creek, 3.2 mi north of Lasauses, and 13 mi southeast of Alamosa.

**DRAINAGE AREA.**--5,740 mi<sup>2</sup>., approximately, includes 2,940 mi<sup>2</sup>. in closed basin in northern part of San Luis Valley, Co.

**GAGE.**--Water-stage recorder with satellite telemetry. Elevation of gage is 7,500 ft, estimated from nearby level lines. Although the name of the station is Rio Grande above Mouth of Trinchera Creek, over a period of years Trinchera Creek has shifted allowing the majority of Trinchera Creek water to enter the Rio Grande River above the station.

**REMARKS.**--Record is complete and reliable except for Nov. 29-30; Dec. 1-6, 10, 1994; Jan. 19, 1995 when the well was frozen. Stage-discharge relation affected by ice Nov. 18, 28; Dec. 7-31, 1994; Jan. 1-18, 20-31, 1995. Record is good except for periods of no gage-height record and ice affected record which are fair to poor. Station maintained and records developed by Div. III staff.

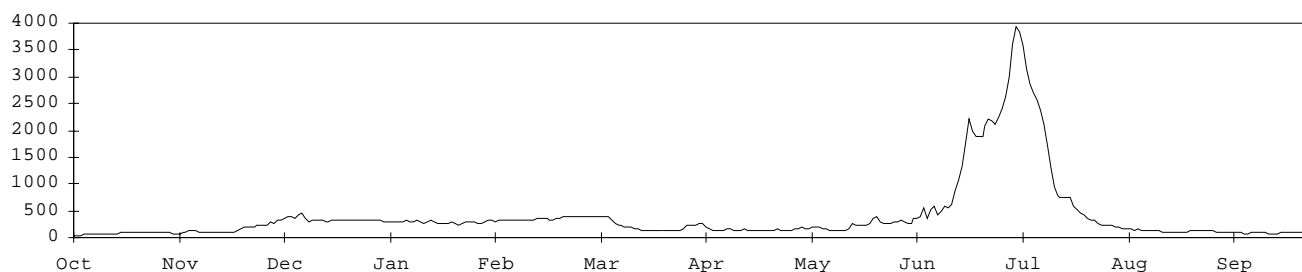
**RATING TABLE.**--RIOTRIC011 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	79	340	295	326	400	233	150	332	2400	229	116
2	32	93	345	280	308	398	237	152	280	2620	213	102
3	35	98	380	280	315	399	251	179	254	2980	196	101
4	63	119	380	280	314	400	255	178	264	3620	180	98
5	78	118	350	305	329	391	207	176	363	3950	177	93
6	71	114	435	285	317	395	165	182	358	3850	165	90
7	71	112	440	320	314	383	137	179	395	3570	160	85
8	66	104	370	285	340	312	128	180	568	3160	154	85
9	62	102	280	285	332	261	131	174	373	2860	146	84
10	59	102	320	315	332	228	142	157	528	2700	147	80
11	56	105	315	285	327	213	154	146	600	2560	144	80
12	60	108	325	270	336	207	149	133	413	2370	136	82
13	66	110	315	285	319	207	141	124	489	2110	128	93
14	74	107	305	315	359	196	136	122	600	1730	128	94
15	82	105	305	285	355	170	142	125	542	1300	124	88
16	83	107	315	255	342	151	148	130	613	941	114	84
17	90	112	325	250	342	146	145	173	872	769	109	78
18	102	127	325	260	331	141	141	250	1070	760	102	77
19	111	151	325	260	330	135	135	236	1340	763	96	81
20	110	180	325	290	347	133	138	219	1760	750	92	81
21	101	182	315	255	358	126	136	216	2200	738	91	89
22	86	191	325	240	374	126	142	232	2000	580	89	95
23	96	209	325	260	394	128	146	273	1870	505	91	91
24	96	226	310	280	392	132	144	343	1870	461	92	91
25	96	226	330	305	393	137	142	401	1890	427	123	93
26	95	223	315	285	391	131	147	300	2090	373	125	95
27	91	238	310	280	397	127	145	266	2200	326	124	93
28	87	295	320	275	402	128	138	250	2180	313	123	93
29	85	255	330	250	---	166	132	246	2130	275	122	98
30	81	315	320	290	---	216	139	282	2240	242	121	100
31	80	---	285	310	---	214	---	305	---	229	124	---
TOTAL	2397	4613	10305	8715	9716	6897	4726	6479	32684	50232	4165	2710
MEAN	77.3	154	332	281	347	222	158	209	1089	1620	134	90.3
AC-FT	4750	9150	20440	17290	19270	13680	9370	12850	64830	99640	8260	5380
MAX	111	315	440	320	402	400	255	401	2240	3950	229	116
MIN	32	79	280	240	308	126	128	122	254	229	89	77

CAL YR 1994 TOTAL 71054 MEAN 195 MAX 781 MIN 11 AC-FT 140900  
WTR YR 1995 TOTAL 143639 MEAN 394 MAX 3950 MIN 32 AC-FT 284900

MAX DISCH 3959 CFS AT 1615 05-JUL-1995 GH 8.83 FT. SHIFT -0.44 FT. MAX GH 8.83 FT. AT 1615 05-JUL-1995



RIO GRANDE BASIN

08240500 TRINCHERA CREEK ABOVE TURNERS RANCH, NEAR FORT GARLAND, CO

**LOCATION.**--Lat 37°22'29", long 105°17'40", Costilla County, Hydrologic Unit 13010002, in Sangre de Cristo Grant, on right bank 0.9 mi downstream from North Fork, 1.0 mi upstream from Turners Ranch, and 8.3 mi southeast of Fort Garland.

**DRAINAGE AREA.**--45 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder with satellite telemetry. Altitude of gage is 8,520 ft, from topographic map.

**REMARKS.**--Record is complete and reliable except for the following periods: Stage-discharge relation affected by ice Nov. 27-30; Dec. 9-10, 15-16, 20, 28-29, 1994; Jan. 1-3, 7, 10, 13-14, 17-20, 22-24, 29-31; Feb. 4-5, 16-19; Mar. 6-9, 1995. Record is good except for periods when stage-discharge relation was ice affected, which are fair to poor. Station maintained and records developed by Division III Hydrographic staff.

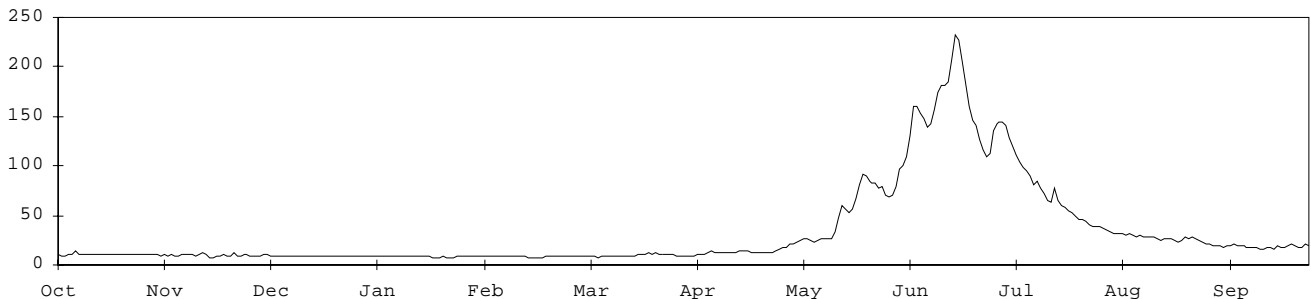
**RATING TABLE.**--TRITURCO12 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	9.8	9.8	8.0	8.2	9.0	9.3	18	70	142	37	21
2	9.6	9.2	9.2	8.2	8.1	9.0	9.0	21	79	144	35	20
3	9.4	10	9.1	8.4	8.1	8.8	8.9	22	96	144	34	20
4	9.8	8.7	9.1	8.6	8.0	8.7	9.0	23	101	140	32	19
5	10	8.5	9.1	8.6	8.0	8.6	9.7	25	109	129	31	18
6	14	10	9.4	8.6	8.6	8.3	10	26	130	119	31	19
7	11	11	8.9	9.0	8.4	7.7	11	26	160	111	31	20
8	11	11	9.0	8.3	9.4	8.2	13	25	161	104	30	21
9	11	10	8.5	8.3	8.0	8.8	14	23	153	99	32	20
10	11	9.5	8.8	8.3	8.5	8.8	12	24	148	95	30	20
11	10	10	9.6	8.0	8.0	9.2	12	26	139	89	29	19
12	10	12	9.5	8.2	8.0	9.1	13	27	142	81	30	18
13	10	10	9.4	8.0	8.0	9.0	13	27	156	84	29	17
14	10	7.7	8.5	8.0	8.1	8.9	13	27	175	78	28	18
15	11	6.4	8.0	8.3	7.9	9.2	13	33	181	72	28	17
16	11	9.5	8.8	8.3	7.7	9.6	13	47	181	66	28	16
17	11	9.2	9.0	8.0	7.5	9.5	14	60	184	64	26	16
18	10	9.8	8.9	7.7	7.7	9.4	14	56	208	78	25	17
19	11	9.5	8.8	7.7	7.9	10	14	53	233	66	27	17
20	11	8.8	8.5	7.7	8.2	10	14	56	227	60	26	16
21	11	12	9.1	9.2	8.3	11	13	67	206	58	26	19
22	11	9.4	9.3	7.5	8.8	12	12	81	183	55	25	18
23	11	8.7	9.4	7.3	8.9	11	12	91	161	52	23	17
24	10	9.9	9.0	7.5	8.8	12	12	90	146	49	25	20
25	10	9.8	8.6	8.3	9.0	11	12	84	140	46	29	21
26	10	9.5	8.7	8.0	9.1	10	12	83	127	45	26	19
27	10	9.0	8.5	8.0	9.0	10	13	82	116	44	28	18
28	10	9.0	8.3	8.2	9.0	10	14	78	110	41	27	18
29	10	8.5	8.5	8.0	---	9.7	16	80	112	39	24	21
30	10	9.8	9.2	8.0	---	8.7	18	71	136	38	23	20
31	9.5	---	9.4	8.2	---	9.0	---	69	---	38	22	---
TOTAL	324.3	286.2	277.9	252.4	233.2	294.2	372.9	1521	4470	2470	877	560
MEAN	10.5	9.54	8.96	8.14	8.33	9.49	12.4	49.1	149	79.7	28.3	18.7
AC-FT	643	568	551	501	463	584	740	3020	8870	4900	1740	1110
MAX	14	12	9.8	9.2	9.4	12	18	91	233	144	37	21
MIN	9.4	6.4	8.0	7.3	7.5	7.7	8.9	18	70	38	22	16

CAL YR 1994 TOTAL 7660.9 MEAN 21.0 MAX 116 MIN 6.4 AC-FT 15200  
WTR YR 1995 TOTAL 11939.1 MEAN 32.7 MAX 233 MIN 6.4 AC-FT 23680

MAX DISCH 238 CFS AT 0645 19-JUN-1995 GH 2.83 FT. SHIFT -0.22 FT. MAX GH 2.83 FT. AT 0645 19-JUN-1995



RIO GRANDE BASIN

08241000 TRINCHERA CREEK ABOVE MOUNTAIN HOME RESERVOIR, CO

**LOCATION.**--Lat 37°23'40", long 105°22'10", NE¼SW¼ sec. 31, T.31 S., R.71 W., (unsurveyed) Costilla County, Hydrologic Unit 13010002, on right bank 150 ft downstream from bridge, 1000 ft upstream from Mountain Home Reservoir, and 5 mi southeast of Ft. Garland, Co.

**DRAINAGE AREA.**--57 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder.

**REMARKS.**--Record is complete and reliable except for the following periods: Oct. 5-7, 1994 when the chart paper ran out; Jan. 11-12, 1995 when the well was frozen. Stage-discharge relation was ice affected Dec. 16, 20-22, 27-30, 1994; Jan. 1-3, 7, 18-20, 22-25, 30, 1995. Record is good except for no gage-height periods and ice affected periods which are fair to poor. Station maintained and records developed by Division III Hydrographic staff.

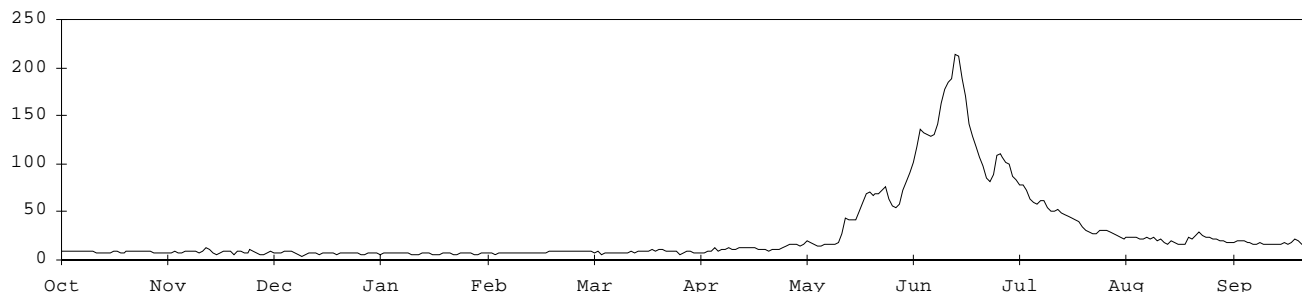
**RATING TABLE.**--TRIMTNC06 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.4	7.4	9.0	6.6	7.0	8.6	8.2	16	54	110	31	22
2	8.6	7.4	7.8	6.3	6.6	8.2	8.2	16	58	106	29	21
3	8.2	8.6	7.0	7.4	6.6	8.2	7.1	16	73	102	27	20
4	8.6	7.4	7.8	7.0	6.3	8.2	6.6	15	81	99	25	20
5	8.6	7.0	8.2	7.4	6.6	7.8	7.4	17	90	87	23	18
6	8.6	8.6	9.4	6.6	7.0	8.2	7.8	20	102	84	21	18
7	8.8	9.4	8.2	7.0	7.0	6.0	8.6	19	117	78	23	19
8	9.0	9.0	7.4	7.4	7.0	7.1	9.8	17	136	78	24	20
9	8.2	8.6	5.2	7.0	7.4	7.8	12	15	132	72	24	20
10	8.2	7.8	4.2	6.6	7.0	7.0	9.8	14	130	63	24	20
11	7.4	8.6	6.0	6.2	7.2	7.0	10	17	128	60	22	19
12	7.4	12	6.6	6.0	7.0	7.8	11	17	130	58	22	18
13	6.6	11	7.8	6.0	7.0	7.4	12	16	142	61	23	17
14	6.6	7.4	6.6	7.0	7.0	7.0	11	16	163	61	22	17
15	7.8	6.3	6.3	7.4	7.0	7.4	11	19	178	55	23	18
16	9.0	7.0	6.6	7.0	7.0	8.2	12	27	185	50	20	17
17	9.0	8.2	6.6	6.0	6.8	7.8	12	44	189	50	21	16
18	7.4	8.3	6.6	5.2	7.2	8.2	12	42	214	53	18	16
19	7.8	9.8	7.0	6.3	7.4	8.6	13	41	212	49	17	17
20	8.2	5.6	6.3	7.0	8.2	8.6	12	42	189	47	20	16
21	8.2	8.6	6.6	7.0	8.6	9.4	12	51	171	46	18	17
22	8.2	9.4	7.4	6.6	9.0	10	11	60	142	43	16	19
23	8.2	7.2	7.8	6.0	8.6	9.8	10	68	128	42	17	17
24	8.2	7.4	7.4	6.3	8.6	11	11	71	117	39	17	19
25	8.2	10	6.6	7.0	9.0	10	9.8	67	106	35	23	21
26	8.2	9.8	6.6	7.0	8.6	9.4	10	68	98	31	21	20
27	8.2	7.8	6.3	7.0	8.2	8.6	11	69	86	29	26	17
28	7.8	5.6	6.3	7.0	8.6	9.8	11	73	82	28	29	17
29	7.8	6.0	7.0	6.3	---	8.6	12	76	88	28	26	20
30	7.8	7.4	7.0	6.0	---	6.3	14	63	109	31	23	20
31	7.4	---	7.0	7.0	---	7.0	---	56	---	31	23	---
TOTAL	251.6	244.6	216.6	206.6	209.5	255.0	313.3	1168	3830	1806	698	556
MEAN	8.12	8.15	6.99	6.66	7.48	8.23	10.4	37.7	128	58.3	22.5	18.5
AC-FT	499	485	430	410	416	506	621	2320	7600	3580	1380	1100
MAX	9.4	12	9.4	7.4	9.0	11	14	76	214	110	31	22
MIN	6.6	5.6	4.2	5.2	6.3	6.0	6.6	14	54	28	16	16

CAL YR 1994 TOTAL 5682.6 MEAN 15.6 MAX 92 MIN 4.2 AC-FT 11270  
WTR YR 1995 TOTAL 9755.2 MEAN 26.7 MAX 214 MIN 4.2 AC-FT 19350

MAX DISCH 235 CFS AT 0600 18-JUN-1995 GH 2.18 FT. SHIFT 0.08 FT. MAX GH 2.18 FT. AT 0600 18-JUN-1995





RIO GRANDE BASIN

08241500 SANGRE DE CRISTO CREEK NEAR FORT GARLAND, CO

**LOCATION.**--Lat 37°25'30", long 105°24'52", Costilla County, Hydrologic Unit 13010002, in Sangre de Cristo Grant, on left bank at road bridge, 2,200 ft upstream from Garland Canal, 1.0 mi east of Fort Garland, and 6.3 mi upstream from Ute Creek.

**DRAINAGE AREA.**--190 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder with satellite monitoring system. Altitude of gage is 7,900 ft, from topographic map.

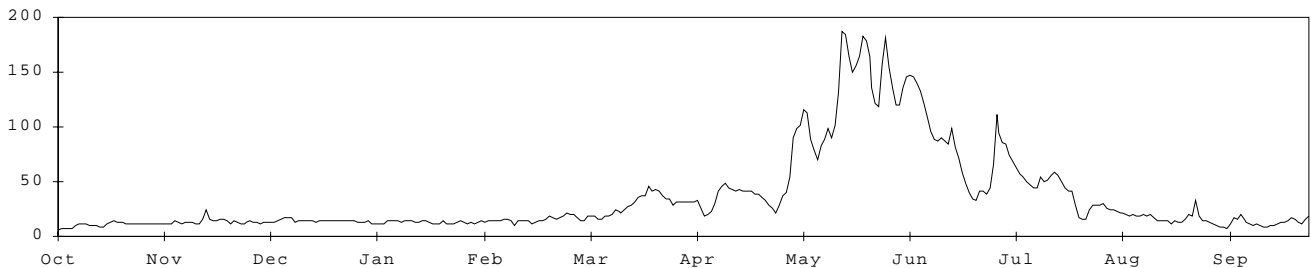
**REMARKS.**--Record is complete and reliable except for the following periods: Stage-discharge relation affected by ice Nov. 15-16, 18-20, 22-30; Dec. 1-4, 7-23, 25-29, 31, 1994; Jan. 1-4, 6-7, 9-11, 13-14, 17-25, 28-31; Feb. 2, 4-5, 10, 16-18; Mar. 7-8, 1995; Relation affected by backwater on Nov. 12, 1994; Jun. 1-24, 1995. Record is good except for periods when stage-discharge relation was ice affected or backwater affected, which are fair. Station maintained and records developed by Division III Hydrographic staff.

**RATING TABLE.**--SANFTGCO18 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.1	11	13	11	14	17	32	40	136	112	30	13
2	6.9	11	13	11	13	15	31	54	120	94	26	12
3	6.5	12	13	11	14	15	32	90	120	86	25	10
4	7.8	15	15	12	14	19	31	99	136	85	24	9.1
5	7.4	13	16	14	14	18	33	101	146	75	23	8.1
6	10	12	17	14	15	19	26	116	147	68	22	7.8
7	11	13	17	14	15	16	18	113	146	63	21	11
8	11	13	17	14	16	16	20	88	140	57	20	17
9	11	13	13	13	16	18	23	79	133	54	19	16
10	10	12	14	14	14	18	30	70	121	50	20	20
11	9.9	12	14	14	10	20	42	83	109	47	19	16
12	9.3	16	14	14	14	25	46	89	96	45	18	13
13	9.2	24	15	13	14	23	48	99	89	44	20	11
14	9.1	16	14	13	15	22	44	90	87	54	19	10
15	11	14	13	15	14	24	43	102	90	50	20	11
16	13	14	14	14	12	27	42	131	87	51	17	9.9
17	14	16	14	13	13	29	43	187	84	56	15	8.8
18	13	16	14	12	14	31	41	184	98	58	14	8.5
19	13	15	15	12	15	36	42	165	81	56	14	9.7
20	13	12	14	12	16	37	42	150	71	50	14	9.7
21	12	14	14	14	18	37	41	156	58	44	12	11
22	12	13	15	12	17	46	39	165	49	41	15	13
23	12	12	14	11	16	42	39	183	40	41	13	13
24	12	12	14	12	17	43	36	178	34	28	13	14
25	12	13	14	13	19	41	33	164	33	17	16	17
26	12	14	14	14	21	37	28	136	41	16	20	16
27	12	13	13	13	20	35	26	121	42	16	18	13
28	11	13	13	12	20	35	22	118	39	24	33	12
29	11	12	13	13	---	29	28	157	44	29	19	16
30	11	13	15	12	---	31	37	181	66	29	15	18
31	11	---	12	13	---	31	---	154	---	28	15	---
TOTAL	330.2	409	440	399	430	852	1038	3843	2683	1568	589	374.6
MEAN	10.7	13.6	14.2	12.9	15.4	27.5	34.6	124	89.4	50.6	19.0	12.5
AC-FT	655	811	873	791	853	1690	2060	7620	5320	3110	1170	743
MAX	14	24	17	15	21	46	48	187	147	112	33	20
MIN	6.1	11	12	11	10	15	18	40	33	16	12	7.8
CAL YR 1994 TOTAL	9859.39	MEAN	27.0	MAX	252	MIN	0.39	AC-FT	19560			
WTR YR 1995 TOTAL	12955.8	MEAN	35.5	MAX	187	MIN	6.1	AC-FT	25700			

MAX DISCH 216 CFS AT 1745 17-MAY-1995 GH 3.77 FT. SHIFT -0.13 FT. MAX GH 3.77 FT. AT 1745 17-MAY-1995



RIO GRANDE BASIN

08242500 UTE CREEK NEAR FORT GARLAND, CO

**LOCATION.**--Lat 37°26'50", long 105°25'30", Costilla County, Hydrologic Unit 13010002, in Sangre de Cristo Grant, on left bank 2,300 ft upstream from Newton ditch, 1.4 mi north of Fort Garland, and 5.7 mi upstream from mouth.

**DRAINAGE AREA.**--32 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder with satellite telemetry. Altitude of gage is 8,045 ft, from topographic map.

**REMARKS.**--Record is complete and reliable except for the following periods: Nov. 15-16, 18-22, 1994; Apr. 11, 1995 when the well was frozen; Nov. 23, 1994-Mar. 24, 1995 when the station was closed for the winter. Record is good except for periods of no gage-height record which are fair to poor. Station maintained and records developed by Division III Hydrographic staff.

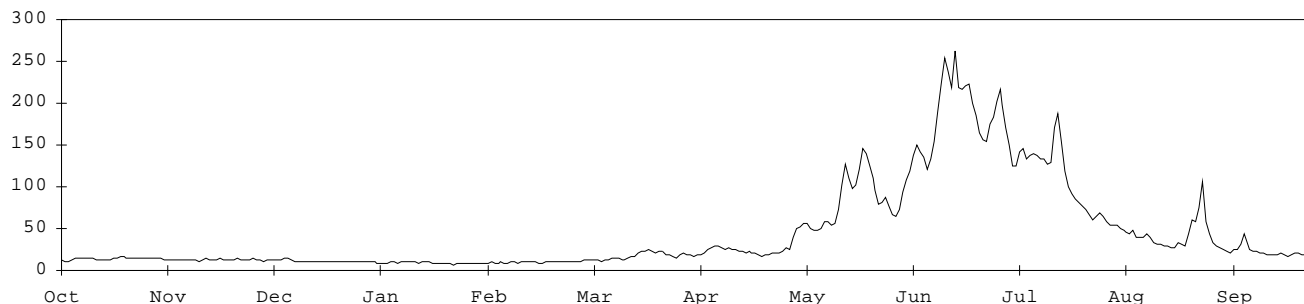
**RATING TABLE.**--UTEFTGCO17 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	13	12	8.0	9.0	11	18	26	64	216	59	34
2	11	12	12	8.4	8.8	12	18	39	72	198	55	29
3	11	13	12	8.8	9.4	13	17	50	94	170	54	27
4	13	12	13	9.2	8.8	13	18	53	108	151	54	24
5	14	12	14	10	8.8	13	19	56	119	126	51	22
6	15	13	14	9.4	9.6	12	21	57	138	125	48	21
7	14	13	12	9.2	9.2	11	25	50	149	142	45	25
8	14	12	11	9.8	8.8	12	27	48	141	145	44	25
9	14	12	10	9.4	9.6	13	30	48	135	133	48	31
10	14	11	10	9.8	9.4	14	30	50	120	137	40	43
11	13	12	11	10	9.0	15	27	59	134	139	40	31
12	13	15	10	9.4	9.8	14	25	59	155	137	40	26
13	13	13	11	9.0	9.8	13	27	55	190	133	44	22
14	13	12	10	9.4	10	13	25	56	222	133	39	22
15	13	12	9.6	9.8	9.8	14	25	72	255	128	33	21
16	14	14	10	9.4	9.4	17	23	102	237	130	31	20
17	15	13	10	9.0	9.0	17	23	127	218	171	31	18
18	16	13	10	8.4	9.2	20	21	110	262	187	29	19
19	16	13	11	8.2	9.4	23	22	98	218	154	29	19
20	15	12	10	8.0	9.4	22	21	102	216	119	28	18
21	15	14	9.8	8.8	9.6	24	20	121	220	101	28	20
22	15	13	9.8	7.8	10	22	18	145	222	91	34	19
23	15	12	11	7.2	9.6	20	17	139	201	85	32	17
24	14	13	11	7.4	10	23	18	124	185	81	29	18
25	14	13	10	7.6	11	23	18	111	165	77	43	21
26	14	14	11	8.0	10	19	20	96	156	72	60	21
27	14	13	10	7.8	10	18	20	80	154	67	59	19
28	14	13	9.8	7.6	9.6	16	20	82	176	61	74	19
29	14	11	10	7.4	---	14	23	88	184	64	106	26
30	14	12	11	7.4	---	18	28	77	203	68	58	23
31	13	---	10	8.0	---	21	---	67	---	65	43	---
TOTAL	430	380	336.0	267.6	266.0	510	664	2447	5113	3806	1408	700
MEAN	13.9	12.7	10.8	8.63	9.50	16.5	22.1	78.9	170	123	45.4	23.3
AC-FT	853	754	666	531	528	1010	1320	4850	10140	7550	2790	1390
MAX	16	15	14	10	11	24	30	145	262	216	106	43
MIN	11	11	9.6	7.2	8.8	11	17	26	64	61	28	17

CAL YR 1994 TOTAL 11565.5 MEAN 31.7 MAX 211 MIN 2.8 AC-FT 22940  
WTR YR 1995 TOTAL 16327.6 MEAN 44.7 MAX 262 MIN 7.2 AC-FT 32390

MAX DISCH 302 CFS AT 0200 18-JUN-1995 GH 3.54 FT. SHIFT -0.03 FT. MAX GH 3.54 FT. AT 0200 18-JUN-1995



RIO GRANDE BASIN

08243500 TRINCHERA CREEK BELOW SMITH RESERVOIR, NEAR BLANCA, CO

**LOCATION.**--Lat 37°23'10", long 105°33'02", in sec. 4, T.31 S., R.73 W., (unsurveyed), Costilla County, Hydrologic Unit 13010002, on right bank 150 ft downstream from bridge, 0.6 mi downstream from Smith Reservoir, and 4.0 mi southwest of Blanca, Co.

**DRAINAGE AREA.**--396 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder with satellite telemetry. Altitude of gage is 7,700 ft, estimated from nearby U.S. Coast and Geodetic Survey level lines.

**REMARKS.**--Flows regulated by Smith Reservoir. Record is complete and reliable. Record is good. Station maintained and records developed by Division III Hydrographic staff.

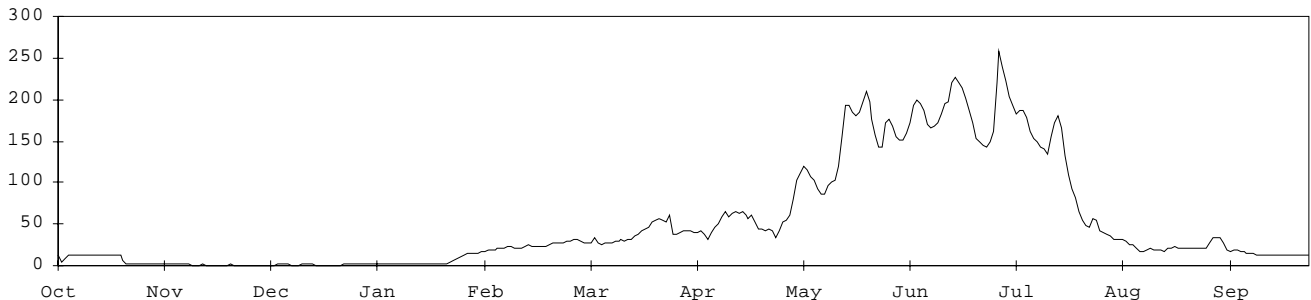
**RATING TABLE.**--TRISMIC011 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	1.4	0.89	1.4	16	31	41	54	167	220	39	27
2	4.0	1.4	0.98	1.3	17	29	41	60	156	259	38	34
3	9.3	1.4	0.93	1.4	18	27	41	80	151	239	35	34
4	13	1.4	1.1	1.4	18	27	39	102	151	223	32	34
5	13	1.4	1.1	1.4	19	28	39	112	160	204	32	27
6	13	1.3	1.1	1.4	20	34	41	119	171	192	32	18
7	13	1.2	1.1	1.4	22	27	37	116	192	183	32	17
8	12	1.1	1.0	1.4	22	26	32	106	199	186	29	18
9	12	1.0	1.0	1.4	23	27	40	102	195	186	25	18
10	12	1.0	1.0	1.4	23	28	47	92	187	178	25	17
11	12	1.0	1.1	1.4	22	27	50	85	170	162	20	17
12	12	1.2	1.1	1.4	21	29	58	86	166	153	17	15
13	12	1.0	1.1	1.4	22	30	64	96	168	148	16	14
14	12	1.0	1.1	1.4	24	32	58	101	173	143	18	14
15	12	1.0	1.0	1.5	26	30	63	103	183	141	22	13
16	12	1.0	0.98	1.5	24	32	64	119	196	135	19	13
17	12	1.0	1.0	1.5	23	32	62	155	198	155	18	13
18	12	1.0	1.0	1.5	23	35	64	192	220	173	18	12
19	12	1.0	1.0	1.5	23	37	60	194	226	180	17	12
20	6.7	1.1	1.0	1.5	24	42	56	184	220	165	20	12
21	1.7	1.0	1.0	1.6	26	44	60	181	215	133	22	12
22	1.7	0.93	1.0	2.6	27	46	53	184	201	110	23	12
23	1.5	0.94	1.1	4.1	28	52	44	198	187	93	22	12
24	1.4	0.94	1.3	5.9	28	55	44	210	171	82	22	12
25	1.4	0.93	1.3	7.5	28	56	43	197	154	65	22	12
26	1.4	0.91	1.2	9.8	29	55	45	177	148	55	22	12
27	1.5	0.92	1.2	12	30	53	41	158	145	48	22	12
28	1.4	0.91	1.2	14	32	60	33	143	143	46	22	12
29	1.4	0.87	1.2	15	---	38	41	143	150	56	22	12
30	1.4	0.90	1.3	15	---	37	52	173	162	54	22	12
31	1.4	---	1.4	15	---	39	---	177	---	41	22	---
TOTAL	245.2	32.13	33.79	131.0	658	1145	1453	4199	5325	4408	747	499
MEAN	7.91	1.07	1.09	4.23	23.5	36.9	48.4	135	178	142	24.1	16.6
AC-FT	486	64	67	260	1310	2270	2880	8330	10560	8740	1480	990
MAX	13	1.4	1.4	15	32	60	64	210	226	259	39	34
MIN	1.4	0.87	0.89	1.3	16	26	32	54	143	41	16	12

CAL YR 1994 TOTAL 13436.22 MEAN 36.8 MAX 258 MIN 0.87 AC-FT 26650  
WTR YR 1995 TOTAL 18876.12 MEAN 51.7 MAX 259 MIN 0.87 AC-FT 37440

MAX DISCH 270 CFS AT 0430 02-JUL-1995 GH 4.74 FT. SHIFT 0.16 FT. MAX GH 4.74 FT. AT 0430 02-JUL-1995



RIO GRANDE BASIN

08245000 CONEJOS RIVER BELOW PLATORO RESERVOIR, CO

**LOCATION.**--Lat 37°21'18", long 106°32'37", Conejos County, Hydrologic Unit 13010005, on left bank 1,100 ft downstream from valve house for Platoro Reservoir and 0.7 mi northwest of Platoro.

**DRAINAGE AREA.**--40 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry on concrete control. Datum of gage is 9,866.60 ft above National Geodetic Vertical Datum of 1929.

**REMARKS.**--Flow completely regulated by Platoro Reservoir (station 08244500). Record is complete and reliable except for Oct. 28, 1994 thru Apr. 7, 1995 when the station was closed for the winter. Record is good except for periods of no gage-height record which are fair. Station maintained and records developed by Div. III staff.

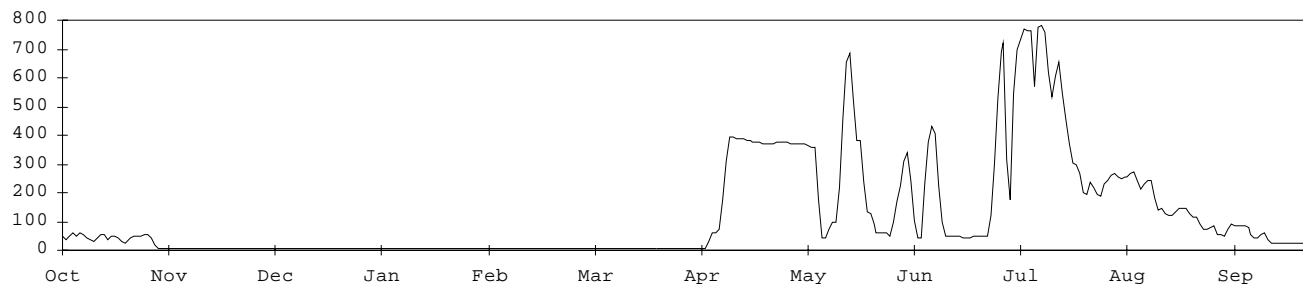
**RATING TABLE.**--CONPLACO12 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	7.1	7.1	7.0	7.0	7.0	7.0	372	172	690	242	82
2	37	7.1	7.1	7.0	7.0	7.0	7.0	371	222	722	259	53
3	49	7.1	7.1	7.0	7.0	7.0	7.0	368	310	316	269	57
4	62	7.1	7.1	7.0	7.0	7.0	7.0	368	337	178	255	48
5	49	7.1	7.1	7.0	7.0	7.0	7.0	368	244	544	251	75
6	58	7.1	7.1	7.0	7.0	7.0	7.0	364	103	695	256	93
7	55	7.1	7.1	7.0	7.0	7.0	33	356	41	735	255	86
8	45	7.1	7.1	7.0	7.0	7.0	62	358	41	771	266	87
9	37	7.1	7.1	7.0	7.0	7.0	61	175	232	766	273	87
10	33	7.1	7.1	7.0	7.0	7.0	75	44	378	765	241	86
11	45	7.1	7.1	7.0	7.0	7.0	175	44	433	569	212	76
12	53	7.1	7.1	7.0	7.0	7.0	310	73	407	777	232	52
13	53	7.1	7.1	7.0	7.0	7.0	394	97	227	783	244	41
14	36	7.1	7.1	7.0	7.0	7.0	392	100	94	755	243	41
15	48	7.1	7.1	7.0	7.0	7.0	388	218	50	620	180	53
16	49	7.1	7.1	7.0	7.0	7.0	386	455	50	531	140	61
17	44	7.1	7.1	7.0	7.0	7.0	386	653	51	604	146	36
18	32	7.1	7.1	7.0	7.0	7.0	382	686	50	655	129	25
19	23	7.1	7.1	7.0	7.0	7.0	382	522	48	545	120	25
20	29	7.1	7.1	7.0	7.0	7.0	378	381	45	457	120	24
21	41	7.1	7.1	7.0	7.0	7.0	375	379	45	369	136	25
22	46	7.1	7.1	7.0	7.0	7.0	373	235	45	301	148	24
23	46	7.1	7.1	7.0	7.0	7.0	371	135	46	296	148	25
24	50	7.1	7.1	7.0	7.0	7.0	369	130	46	269	148	25
25	53	7.1	7.1	7.0	7.0	7.0	369	90	46	200	130	25
26	53	7.1	7.1	7.0	7.0	7.0	371	61	46	194	114	24
27	43	7.1	7.1	7.0	7.0	7.0	373	61	46	237	114	25
28	20	7.1	7.1	7.0	7.0	7.0	375	61	121	219	92	21
29	7.1	7.1	7.1	7.0	---	7.0	375	61	305	193	71	19
30	7.1	7.1	7.1	7.0	---	7.0	374	46	530	188	71	19
31	7.1	---	7.1	7.0	---	7.0	---	95	---	231	78	---
TOTAL	1260.3	213.0	220.1	217.0	196.0	217.0	7571.0	7727	4811	15175	5583	1420
MEAN	40.7	7.10	7.10	7.00	7.00	7.00	252	249	160	490	180	47.3
AC-FT	2500	422	437	430	389	430	15020	15330	9540	30100	11070	2820
MAX	62	7.1	7.1	7.0	7.0	7.0	394	686	530	783	273	93
MIN	7.1	7.1	7.1	7.0	7.0	7.0	7.0	44	41	178	71	19

CAL YR 1994 TOTAL 36184.4 MEAN 99.1 MAX 743 MIN 6.8 AC-FT 71770  
WTR YR 1995 TOTAL 44610.4 MEAN 122 MAX 783 MIN 7.0 AC-FT 88480

MAX DISCH 798 CFS AT 1945 13-JUL-1995 GH 3.42 FT. SHIFT -0.08 FT. MAX GH 3.42 FT. AT 1945 13-JUL-1995



RIO GRANDE BASIN

08246500 CONEJOS RIVER NEAR MOGOTE, CO

**LOCATION.**--Lat 37°03'14", long 106°11'13", in SE¼SE¼ sec. 34, T.33 N., R.7 E., Conejos County, Hydrologic Unit 13010005, on left bank 75 ft downstream from bridge on State Highway 174, 0.4 mi downstream from Fox Creek, 5.3 mi west of Mogote, and 10 mi west of Antonito.

**DRAINAGE AREA.**--282 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in a 5 ft. metal shelter and well. Datum of gage is 8,271.54 ft, Colorado State Highway datum.

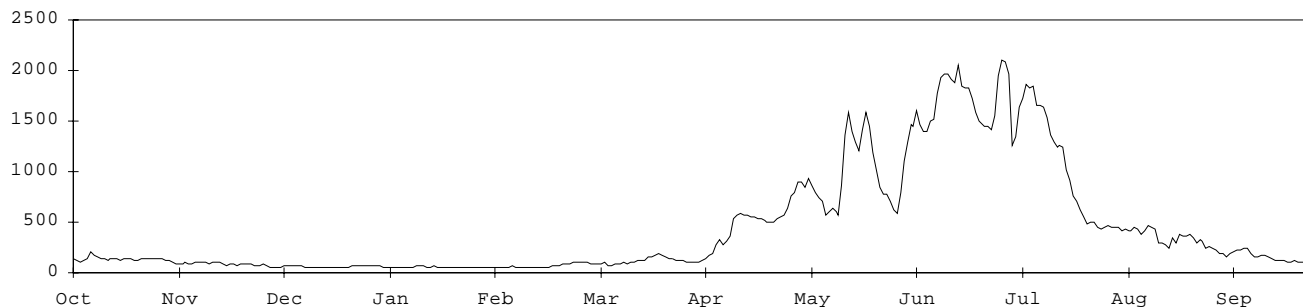
**REMARKS.**--Diversions for irrigation upstream from station and some regulation by Platoro Reservoir (station 08244500). Record is complete and reliable. Stage-discharge relation was affected by ice Nov. 30-Dec. 31, 1994; Jan. 1-Feb. 12, 16-19, 1995. Record is good, except for the periods of ice affected record which is fair to poor. Station maintained and records developed by Div. III staff.

**RATING TABLE.**--CONMOGCO12 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	138	89	58	52	58	103	105	791	791	2100	463	242
2	127	88	66	58	60	93	105	893	1100	2090	451	220
3	106	98	68	56	56	92	106	889	1300	1960	447	185
4	123	86	68	60	56	90	115	846	1470	1260	441	186
5	141	89	72	60	58	87	141	930	1450	1350	419	157
6	211	104	76	58	60	95	174	864	1600	1640	425	189
7	172	108	68	54	62	77	198	797	1460	1730	416	207
8	155	110	58	58	56	74	269	748	1400	1860	422	224
9	142	100	48	60	50	78	322	712	1400	1830	443	226
10	132	92	48	62	48	79	277	565	1500	1850	437	242
11	126	96	54	64	48	90	309	609	1520	1650	375	234
12	131	111	54	62	50	108	357	639	1770	1650	408	196
13	133	98	58	58	53	92	528	598	1930	1640	458	160
14	132	88	54	60	51	96	575	561	1960	1540	445	152
15	126	76	50	66	44	107	578	865	1970	1370	427	174
16	140	84	50	60	48	126	561	1370	1910	1290	299	164
17	146	94	56	52	53	125	574	1590	1880	1250	296	158
18	134	73	60	48	56	126	545	1400	2060	1260	276	133
19	129	87	60	52	64	148	555	1290	1850	1240	249	125
20	124	85	56	56	68	151	533	1200	1820	1010	348	117
21	130	80	60	60	72	170	526	1420	1820	915	300	113
22	141	80	64	54	82	192	524	1590	1730	757	378	118
23	146	62	68	52	89	165	505	1440	1590	700	364	108
24	146	61	68	56	93	162	499	1190	1500	623	358	107
25	145	69	64	58	100	144	507	1010	1470	550	381	119
26	145	80	64	60	105	130	526	846	1450	488	338	110
27	143	65	64	56	100	119	550	784	1440	501	292	107
28	129	59	62	56	104	126	573	772	1410	506	334	103
29	113	50	62	54	---	115	636	712	1550	447	317	130
30	100	56	62	50	---	96	757	628	1940	433	250	163
31	90	---	58	56	---	97	---	590	---	452	257	---
TOTAL	4196	2518	1878	1768	1844	3553	12530	29139	48041	37942	11514	4869
MEAN	135	83.9	60.6	57.0	65.9	115	418	940	1601	1224	371	162
AC-FT	8320	4990	3730	3510	3660	7050	24850	57800	95290	75260	22840	9660
MAX	211	111	76	66	105	192	757	1590	2060	2100	463	242
MIN	90	50	48	48	44	74	105	561	791	433	249	103
CAL YR 1994 TOTAL		121126	MEAN	332	MAX	2150	MIN	34	AC-FT	240300		
WTR YR 1995 TOTAL		159792	MEAN	438	MAX	2100	MIN	44	AC-FT	316900		

MAX DISCH 2310 CFS AT 0530 18-JUN-1995 GH 5.86 FT. SHIFT -0.35 FT. MAX GH 5.86 FT. AT 0530 18-JUN-1995



RIO GRANDE BASIN

08247500 SAN ANTONIO RIVER AT ORTIZ, CO

**LOCATION.**--Lat 36°59'35", long 106°02'17", in NE¼SE¼ sec. 24, T.32 N., R.8 E., Rio Arriba County, New Mexico, Hydrologic Unit 13010005, on left bank 800 ft south of Colorado-New Mexico State line, 0.4 mi southeast of Ortiz, and 0.4 mi upstream from Los Pinos River.

**DRAINAGE AREA.**--110 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry. Elevation of gage is 7,970 ft above National Geodetic Vertical Datum of 1929.

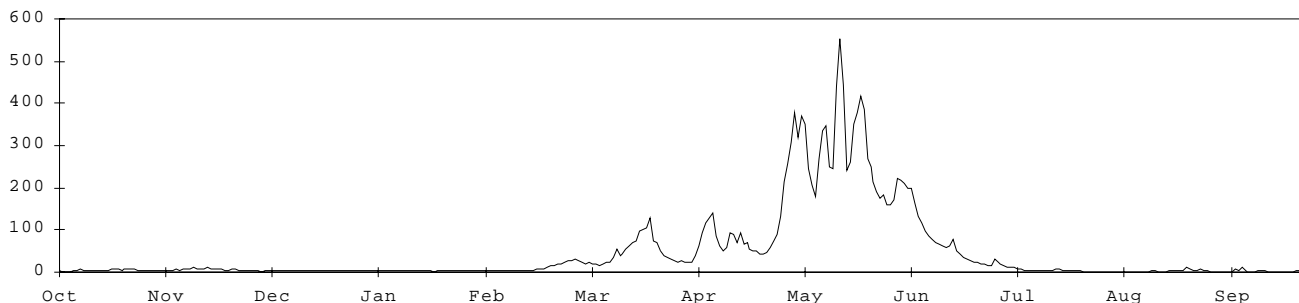
**REMARKS.**--Record is complete and reliable except for the periods Nov. 28-30, 1994 when the floats were affected by ice; May 1-2, 1995 when the recorder clock stopped and the satellite data was incomplete; Dec. 1, 1994-Mar. 1, 1995 when the station was closed for the winter. The stage discharge relation was affected by ice Nov. 13-15, 17-19, 22-23, 1994; Mar. 6-10, 1995. The relation was also affected by backwater caused by a beaver dam on Oct. 3, 1994. There was no flow Aug. 2-13, 1995. Record is good except for periods of no gage-height and ice affected record which are fair to poor. Station maintained and records developed by Div. III staff.

**RATING TABLE.**--SANORTC012 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.5	3.6	2.2	2.0	2.9	29	24	257	173	25	0.06	1.8
2	1.8	3.6	3.0	2.4	3.2	22	24	309	221	18	0.0	1.6
3	1.8	5.1	3.0	2.2	3.1	18	25	379	220	14	0.0	1.3
4	1.9	8.2	3.2	2.5	3.1	22	38	321	209	13	0.0	1.4
5	2.0	4.3	3.6	2.6	3.2	19	63	371	199	13	0.0	0.96
6	2.7	7.2	4.4	2.5	3.4	21	94	351	197	11	0.0	0.61
7	7.6	7.3	3.6	2.2	3.6	17	118	244	162	9.2	0.0	0.77
8	4.3	8.5	2.8	2.4	3.5	19	128	206	133	8.2	0.0	6.3
9	4.1	10	2.0	2.8	3.4	22	141	180	116	5.8	0.0	5.8
10	3.0	7.5	2.2	2.9	3.4	22	87	268	98	5.2	0.0	12
11	2.5	6.6	2.8	2.7	3.6	34	62	335	85	5.2	0.0	3.0
12	2.2	9.1	2.8	2.6	4.1	55	52	345	76	4.5	0.0	1.8
13	2.4	12	3.2	2.4	4.3	38	58	250	70	3.5	0.0	1.6
14	2.3	8.0	2.9	2.6	4.7	43	94	244	65	2.3	0.66	1.4
15	3.1	6.6	2.7	4.0	4.9	55	91	441	61	2.9	2.1	2.2
16	6.2	8.0	2.7	2.9	5.0	62	70	554	57	3.0	2.0	2.9
17	6.2	6.2	3.1	2.4	6.0	72	92	446	62	4.1	1.7	2.1
18	6.0	3.0	3.3	1.9	8.0	73	66	243	78	6.9	1.0	1.5
19	5.6	5.0	3.3	2.2	9.0	98	69	260	51	6.0	1.2	1.2
20	6.4	7.0	2.9	2.5	12	100	55	352	42	5.1	3.2	1.2
21	6.3	6.6	3.3	2.8	15	107	52	376	37	4.4	3.2	1.4
22	6.0	5.0	3.5	2.5	17	130	49	416	32	3.2	4.6	1.4
23	6.0	3.2	3.9	2.1	19	74	44	385	28	2.9	4.2	1.3
24	5.8	4.3	3.7	2.4	21	69	41	267	25	2.5	5.5	1.6
25	5.5	5.0	3.3	2.7	23	52	47	248	22	2.1	13	1.8
26	5.6	5.4	3.3	3.0	26	39	57	213	20	1.7	8.4	2.5
27	5.2	4.6	3.3	2.7	29	37	74	191	19	1.2	5.3	2.2
28	5.1	3.0	3.1	2.6	33	33	90	177	17	0.62	5.2	1.8
29	4.7	1.8	3.1	2.5	---	27	131	184	17	0.39	6.1	1.9
30	4.5	2.2	3.1	2.2	---	24	215	160	31	0.14	2.9	3.8
31	4.4	---	2.6	2.6	---	26	---	159	---	0.05	2.1	---
TOTAL	133.7	177.9	95.9	78.8	277.4	1459	2251	9132	2623	185.10	72.42	71.14
MEAN	4.31	5.93	3.09	2.54	9.91	47.1	75.0	295	87.4	5.97	2.34	2.37
AC-FT	265	353	190	156	550	2890	4460	18110	5200	367	144	141
MAX	7.6	12	4.4	4.0	33	130	215	554	221	25	13	12
MIN	1.8	1.8	2.0	1.9	2.9	17	24	159	17	0.05	0.0	0.61

CAL YR 1994 TOTAL 12922.03 MEAN 35.4 MAX 449 MIN 0.00 AC-FT 25630  
 WTR YR 1995 TOTAL 16557.37 MEAN 45.4 MAX 554 MIN 0.00 AC-FT 32840  
 MAX DISCH 720 CFS AT 0430 16-MAY-1995 GH 4.45 FT. SHIFT -0.05 FT. MAX GH 4.45 FT. AT 0430 16-MAY-1995



RIO GRANDE BASIN

08248000 LOS PINOS RIVER NEAR ORTIZ, CO

**Location.**--Lat 36°58'56", long 106°04'23", on line between secs. 26 and 27, T.32 N., R.8 E., Rio Arriba County, New Mexico, Hydrologic Unit 13010005, on left bank 0.9 mi south of Colorado-New Mexico State line, 2.1 mi southwest of Ortiz, and 2.9 mi upstream from mouth.

**DRAINAGE AREA.**--167 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in a metal pipe shelter and well with supplemental outside chain gage. Elevation of gage is 8,040 ft above National Geodetic Vertical Datum of 1929.

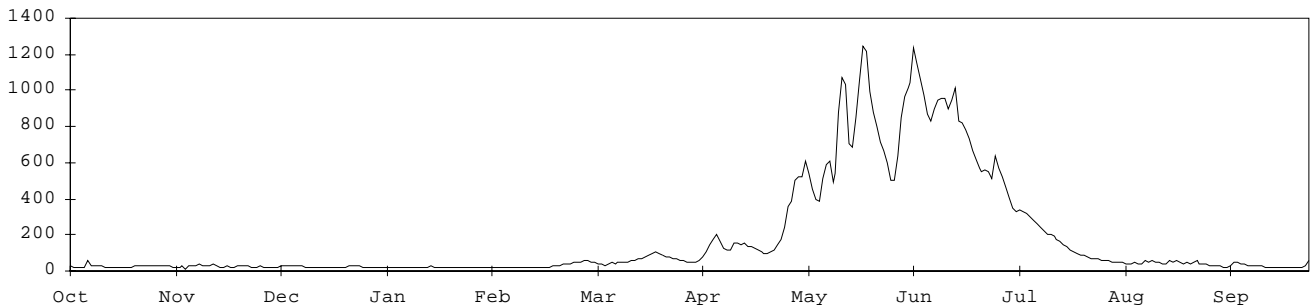
**REMARKS.**--Record is complete and reliable except for Dec. 15, 1994-Mar. 1, 1995 when the station was closed for the winter. Stage-discharge relation affected by ice Nov. 14-30; Dec. 1-14, 1994; Mar. 6-9, 30-31, 1995. Record is good except for periods of no gage-height and ice affected record which are fair to poor. Station maintained and records developed by Div. III staff.

**RATING TABLE.**--LOSORTCO12 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	23	24	18	19	55	53	391	637	572	60	33
2	24	23	27	19	21	60	52	502	847	520	57	30
3	21	27	28	19	20	46	53	524	968	464	53	29
4	21	14	28	20	19	44	60	522	1010	405	49	27
5	24	25	30	20	19	43	79	605	1040	344	46	24
6	61	30	33	19	20	38	107	538	1240	331	44	22
7	33	31	30	18	21	30	142	455	1150	335	42	26
8	30	34	26	20	20	39	177	397	1060	328	40	44
9	28	28	18	21	19	44	206	390	980	320	38	45
10	26	25	17	22	18	42	161	510	866	300	45	37
11	24	29	19	23	18	47	128	587	834	278	38	35
12	19	39	20	22	18	53	116	611	901	262	39	30
13	17	28	22	21	19	52	120	496	949	240	57	27
14	17	24	21	22	20	52	153	544	959	222	52	25
15	20	24	20	25	18	55	152	874	959	204	62	28
16	19	26	20	22	18	62	144	1070	901	198	48	26
17	23	23	21	19	20	66	159	1030	946	196	45	23
18	17	24	23	17	23	69	139	701	1010	175	38	23
19	24	27	24	19	24	80	137	689	835	164	36	23
20	26	26	23	21	27	84	121	850	820	149	57	22
21	26	25	24	22	29	93	112	1050	785	133	48	20
22	26	26	25	21	31	111	108	1250	735	119	60	21
23	27	23	26	19	34	95	99	1220	663	109	48	20
24	28	24	26	21	37	91	95	996	614	99	38	20
25	26	24	25	22	40	80	102	877	568	91	49	22
26	25	26	24	23	44	75	117	802	551	84	42	20
27	25	24	23	21	47	71	143	713	560	74	44	20
28	26	22	21	20	50	66	169	669	547	70	55	20
29	26	21	21	19	---	61	237	597	516	66	43	31
30	28	23	21	17	---	56	357	506	636	63	38	59
31	24	---	19	18	---	53	---	499	---	60	36	---
TOTAL	788	768	729	630	713	1913	3998	21465	25087	6975	1447	832
MEAN	25.4	25.6	23.5	20.3	25.5	61.7	133	692	836	225	46.7	27.7
AC-FT	1560	1520	1450	1250	1410	3790	7930	42580	49760	13830	2870	1650
MAX	61	39	33	25	50	111	357	1250	1240	572	62	59
MIN	17	14	17	17	18	30	52	390	516	60	36	20
CAL YR 1994 TOTAL		48203	MEAN	132	MAX	1260	MIN	11	AC-FT	95610		
WTR YR 1995 TOTAL		65345	MEAN	179	MAX	1250	MIN	14	AC-FT	129600		

MAX DISCH 1510 CFS AT 0015 23-MAY-1995 GH 5.94 FT. SHIFT -0.34 FT. MAX GH 5.94 FT. AT 0015 23-MAY-1995



RIO GRANDE BASIN

08248500 SAN ANTONIO RIVER AT MOUTH, NEAR MANASSA, CO

**LOCATION.**--Lat 37°10'38", long 105°52'35", in SE¼NE¼ sec. 21, T.34 N., R.10 E., Conejos County, Hydrologic Unit 13010005, on right bank 0.3 mi. downstream from bridge on State Highway 142, 2.2 mi. upstream from mouth, and 3.3 mi. east of Manassa, Co.

**DRAINAGE AREA.**--348 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder with satellite telemetry. Altitude of gage is 7,650 ft. from topographic map.

**REMARKS.**--Record is complete and reliable except for the following periods: Mar. 9-11, 1995 when the well was frozen; Nov. 23, 1994-Mar. 8, 1995 when the station was closed for the winter. Stage-discharge relation was affected by backwater from beaver dams Oct. 19-31, 1994; Sep. 9-25, 1995. Record is good except for periods of no gage-height record, and backwater affected record which are fair to poor. Station maintained and records developed by Division III Hydrographic staff.

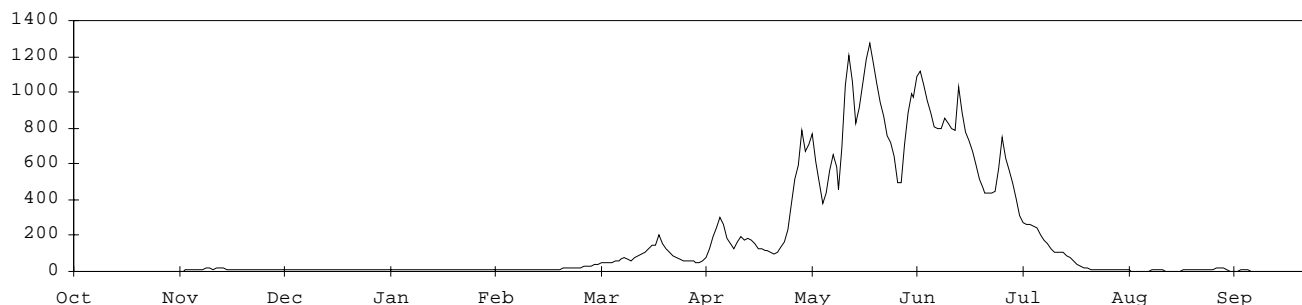
**RATING TABLE.**-- SANMANCO18 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	4.6	10	10	11	30	55	512	495	747	8.9	12
2	0.0	4.7	10	10	11	32	51	596	706	631	10	17
3	0.0	6.6	10	10	11	35	52	787	887	563	10	18
4	0.0	11	11	10	11	40	56	673	990	497	10	17
5	0.0	8.7	13	10	11	45	74	710	976	410	9.2	11
6	0.0	8.8	13	12	11	46	123	764	1090	313	7.5	3.7
7	0.0	12	12	11	11	48	193	614	1120	271	5.3	0.28
8	0.0	13	11	13	11	52	242	500	1040	263	3.0	0.63
9	0.0	16	10	12	11	56	305	383	948	261	2.0	5.0
10	0.0	16	10	12	10	60	259	435	887	249	1.4	7.2
11	0.0	14	11	14	11	70	181	560	809	245	2.2	5.8
12	0.0	18	11	12	12	78	155	647	802	207	3.6	4.2
13	0.0	23	11	11	12	68	131	587	799	175	3.9	3.0
14	0.0	17	11	11	13	61	168	458	852	157	6.3	1.6
15	0.0	7.7	10	13	11	75	197	687	828	130	13	0.86
16	0.0	6.1	10	12	10	89	172	1040	794	108	13	0.46
17	0.0	12	11	11	10	102	185	1210	790	104	8.9	0.09
18	0.0	13	11	9.0	10	107	171	1060	1030	106	3.6	1.6
19	0.02	8.7	11	10	11	122	154	823	888	104	0.41	2.2
20	0.22	9.4	11	10	12	150	127	918	781	89	0.03	1.8
21	0.16	9.5	11	12	13	150	122	1050	730	75	0.0	1.6
22	0.24	11	11	10	15	206	118	1190	668	58	2.3	2.2
23	0.10	10	12	9.0	15	158	120	1270	589	38	12	1.8
24	0.10	10	13	10	17	127	108	1170	516	27	7.7	0.33
25	1.1	10	12	10	17	105	95	1050	467	20	5.8	0.05
26	1.6	12	12	13	20	84	105	946	440	18	9.7	0.0
27	2.7	11	11	13	21	76	134	867	434	14	8.1	0.0
28	3.7	10	11	12	26	70	169	761	433	11	8.1	0.0
29	3.0	9.0	11	11	---	63	232	716	443	8.9	8.8	0.0
30	3.4	10	12	10	---	56	384	638	577	7.5	7.5	0.0
31	4.1	---	12	11	---	55	---	493	---	5.8	7.2	---
TOTAL	20.44	332.8	346	344.0	365	2516	4638	24115	22809	5913.2	199.44	119.40
MEAN	0.66	11.1	11.2	11.1	13.0	81.2	155	778	760	191	6.43	3.98
AC-FT	41	660	686	682	724	4990	9200	47830	45240	11730	396	237
MAX	4.1	23	13	14	26	206	384	1270	1120	747	13	18
MIN	0.0	4.6	10	9.0	10	30	51	383	433	5.8	0.0	0.0

CAL YR 1994 TOTAL 39602.60 MEAN 109 MAX 1150 MIN 0.00 AC-FT 78550  
WTR YR 1995 TOTAL 61718.29 MEAN 169 MAX 1270 MIN 0.00 AC-FT 122400

MAX DISCH 1324 CFS AT 1530 23-MAY-1995 GH 6.69 FT. SHIFT -0.27 FT. MAX GH 6.69 FT. AT 1530 23-MAY-1995





RIO GRANDE BASIN

08249000 CONEJOS RIVER NEAR LASAUSES, MAIN (NORTH) CHANNEL, CO

**LOCATION.**--Lat 37°18'01", long 105°44'47", in SW¼SW¼ sec. 2, T. 35 N., R. 11 E., Conejos County, on left bank of main channel 125 ft downstream from bridge on State Route 158, 1.0 mi upstream from mouth, 2.1 mi north of LaSauses, and 13 mi southeast of Alamosa.

**DRAINAGE.**--887 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in timber shelter and well with outside chain gage. Datum of gage is 7,495.02 ft above mean sea level (levels by Bureau of Reclamation). At present site and datum since Oct. 1, 1937.

**REMARKS.**--Record is complete and reliable. Stage-discharge relation affected by ice Nov. 27-30; Dec. 1-4, 9-22, 1994; Jan. 17-19, 1995. Record good except for periods of no gage height and ice affected record which are fair to poor. Station maintained and records developed by Div. III staff.

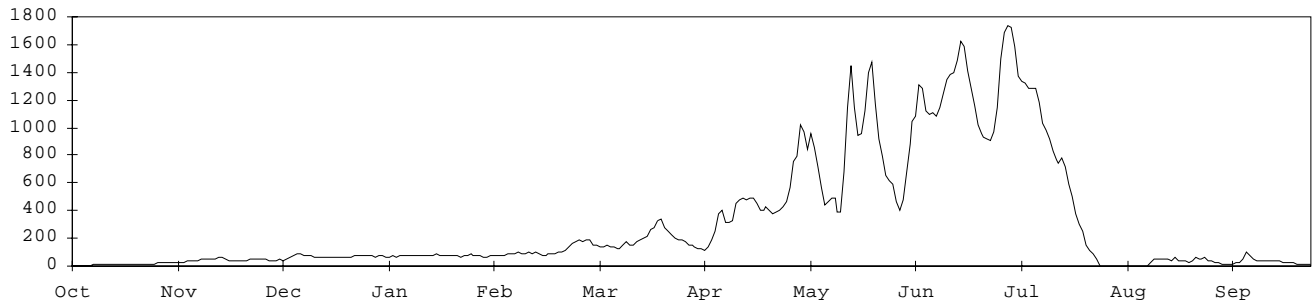
**RATING TABLE.**--NORLASCO12 USED FROM 01-OCT-1994 TO 30-APR-1995  
 NORLASCO13 USED FROM 01-MAY-1995 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	23	45	65	79	183	152	761	408	1500	2.6	33
2	1.3	25	44	68	77	183	136	795	479	1690	1.8	27
3	1.4	27	45	71	77	156	123	1020	680	1740	1.3	21
4	1.4	34	58	68	78	145	126	963	876	1720	0.98	12
5	1.1	40	79	72	81	141	118	848	1050	1580	0.68	10
6	1.1	34	82	74	83	143	137	961	1080	1370	0.58	12
7	10	38	82	70	87	153	192	857	1310	1330	0.47	16
8	12	45	78	76	89	142	253	723	1280	1320	0.31	19
9	12	46	76	74	97	134	374	570	1120	1290	0.45	29
10	8.4	52	70	74	92	127	402	439	1100	1290	0.35	49
11	6.3	50	66	75	91	124	318	468	1110	1280	0.33	99
12	7.2	55	64	79	100	146	312	497	1080	1180	0.50	80
13	8.0	62	66	73	91	172	325	488	1140	1030	0.63	54
14	8.7	65	66	72	97	149	448	390	1250	978	23	39
15	11	51	64	81	93	154	482	390	1350	925	54	35
16	12	41	64	83	79	174	488	677	1380	836	50	44
17	13	37	62	71	78	195	477	1140	1400	770	50	42
18	14	42	64	70	82	205	494	1450	1480	747	55	43
19	15	44	66	70	85	213	488	1140	1620	775	49	39
20	17	43	66	70	90	262	459	945	1580	716	41	32
21	17	42	64	74	96	272	407	962	1410	597	68	34
22	18	47	62	77	100	322	407	1120	1290	506	42	29
23	18	45	72	68	119	334	433	1400	1160	381	36	30
24	18	47	79	70	142	272	407	1470	1020	307	32	25
25	18	46	70	74	158	254	377	1170	956	246	31	20
26	19	50	74	82	177	224	385	918	929	155	37	17
27	21	46	71	76	184	203	407	789	920	111	61	12
28	24	43	70	73	180	189	429	653	907	86	46	13
29	22	40	68	80	---	187	462	621	965	56	55	15
30	22	43	77	67	---	172	571	597	1140	5.2	57	18
31	22	---	76	69	---	155	---	469	---	3.5	36	---
TOTAL	381.0	1303	2090	2266	2882	5885	10589	25691	33470	26520.7	834.00	948
MEAN	12.3	43.4	67.4	73.1	103	190	353	829	1116	856	26.9	31.6
AC-FT	756	2580	4150	4490	5720	11670	21000	50960	66390	52600	1650	1880
MAX	24	65	82	83	184	334	571	1470	1620	1740	68	99
MIN	1.1	23	44	65	77	124	118	390	408	3.5	0.31	10

CAL YR 1994 TOTAL 65450.94 MEAN 179 MAX 1450 MIN 0.00 AC-FT 129800  
 WTR YR 1995 TOTAL 112859.70 MEAN 309 MAX 1740 MIN 0.31 AC-FT 223900

MAX DISCH 1757 CFS AT 1130 03-JUL-1995 GH 6.93 FT. SHIFT -0.28 FT. MAX GH 6.93 FT. AT 1130 03-JUL-1995



RIO GRANDE BASIN

08249000 CONEJOS RIVER NEAR LASAUSES, SECONDARY (SOUTH) CHANNEL, CO

**LOCATION.**--Lat 37°18'01", long 105°44'47", in SE¼NE¼ sec. 10, T. 35 N., R. 11 E., Conejos County, on left bank of secondary channel 230 ft upstream from bridge on State Route 158, 1.0 mi upstream from mouth, 2.0 mi north of LaSausés, and 13 mi southeast of Alamosa.

**DRAINAGE.**--887 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry. Datum of gage is 7,496.89 ft above mean sea level (levels by Bureau of Reclamation). At present site and datum since Oct. 14, 1965.

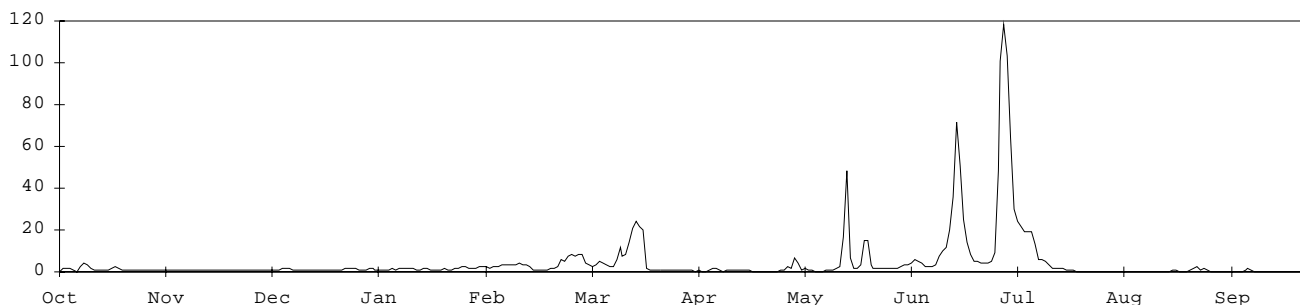
**REMARKS.**--Record is complete and reliable except for Nov. 25-26, 29-30, 1994; Feb. 2, 1995 when the floats were frozen; Dec. 1-31, 1994-Feb. 1, 1995 when the station was closed for the winter. Stage-discharge relation affected by ice Nov. 22-24, 27-28, 1994; Feb. 4-6, 8, 10, 12-13; 1995. There was no flow Aug. 3-16; Sep. 4-10, 1995. Record is good except for periods of no gage-height and ice affected record which are fair to poor. Station maintained and records developed by Div. III staff.

**RATING TABLE.**--SOULASCO06 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.17	0.58	0.64	1.1	2.3	8.2	0.46	2.3	1.3	48	0.13	0.36
2	1.3	0.56	0.68	1.2	2.5	8.4	0.45	1.5	1.6	101	0.01	0.21
3	1.7	0.63	0.74	1.1	1.9	4.3	0.43	7.0	2.4	118	0.0	0.04
4	1.3	0.60	0.90	1.1	2.5	3.0	0.41	3.9	3.4	103	0.0	0.0
5	0.59	0.63	1.3	1.1	2.5	2.9	0.43	1.1	3.7	64	0.0	0.0
6	0.28	0.53	1.4	1.3	2.8	3.0	0.41	1.4	4.2	30	0.0	0.0
7	2.5	0.52	1.3	1.2	3.4	4.8	0.39	1.0	5.7	24	0.0	0.0
8	3.8	0.67	1.2	1.4	3.4	4.1	0.72	0.47	5.2	22	0.0	0.0
9	3.2	0.66	1.1	1.3	3.7	3.3	1.7	0.25	3.9	19	0.0	0.0
10	1.7	0.70	1.0	1.3	3.4	2.9	1.6	0.28	2.7	19	0.0	0.0
11	0.66	0.66	1.2	1.6	3.2	2.7	0.76	0.32	2.5	19	0.0	1.0
12	0.63	0.92	1.1	1.3	4.1	6.0	0.40	0.50	2.1	13	0.0	1.7
13	0.80	0.73	1.2	1.2	3.1	12	0.66	0.68	3.5	6.1	0.0	0.56
14	0.90	0.81	1.2	1.2	3.2	7.1	1.1	0.77	7.1	5.5	0.0	0.25
15	1.1	0.63	1.1	1.7	2.6	8.1	1.2	1.5	10	5.0	0.0	0.08
16	1.3	0.51	1.1	1.3	1.2	14	0.83	2.7	12	3.4	0.0	0.01
17	2.1	0.44	1.2	1.1	0.85	21	0.69	17	20	1.6	0.07	0.08
18	1.3	0.50	1.2	1.0	0.85	24	0.77	48	36	1.4	0.21	0.08
19	1.0	0.60	1.2	1.1	1.0	22	0.66	6.8	72	1.5	0.24	0.18
20	0.98	0.70	1.2	1.1	1.0	20	0.47	1.5	51	1.3	0.23	0.12
21	0.85	0.55	1.2	1.3	1.4	1.3	0.36	1.4	25	0.61	0.46	0.10
22	0.76	0.50	1.2	1.2	1.6	1.0	0.38	3.4	14	0.60	0.65	0.15
23	0.65	0.45	1.4	1.1	2.8	1.0	0.38	15	8.1	0.42	0.24	0.17
24	0.68	0.45	1.4	1.3	5.6	0.80	0.33	15	5.2	0.38	0.34	0.21
25	0.73	0.48	1.3	1.5	4.8	0.69	0.26	3.5	4.8	0.31	0.39	0.24
26	0.70	0.70	1.3	2.2	7.6	0.60	0.28	2.0	4.4	0.34	0.56	0.21
27	0.70	0.56	1.2	2.1	8.6	0.61	0.29	1.9	4.1	0.21	2.0	0.19
28	0.68	0.50	1.2	1.9	7.2	0.65	0.33	1.8	3.8	0.16	2.1	0.13
29	0.63	0.42	1.2	1.7	---	0.65	0.42	2.0	5.2	0.08	1.2	0.10
30	0.56	0.52	1.4	1.7	---	0.55	0.90	1.8	9.5	0.03	2.0	0.06
31	0.60	---	1.4	2.1	---	0.50	---	1.6	---	0.03	1.1	---
TOTAL	34.84	17.72	36.16	42.8	89.10	190.15	18.50	148.36	334.4	608.97	11.94	6.22
MEAN	1.12	0.59	1.17	1.38	3.18	6.13	0.62	4.79	11.1	19.6	0.39	0.21
AC-FT	69	35	72	85	177	377	37	294	663	1210	24	12
MAX	3.8	0.92	1.4	2.2	8.6	24	1.7	48	72	118	2.1	1.7
MIN	0.17	0.42	0.64	1.0	0.85	0.50	0.26	0.25	1.3	0.03	0.0	0.0
CAL YR 1994 TOTAL		1330.07	MEAN	3.64	MAX	92	MIN	0.00	AC-FT	2640		
WTR YR 1995 TOTAL		1539.17	MEAN	4.22	MAX	118	MIN	0.00	AC-FT	3050		

MAX DISCH 128 CFS AT 0800 03-JUL-1995 GH 2.97 FT. SHIFT -0.49 FT. MAX GH 2.97 FT. AT 0800 03-JUL-1995



RIO GRANDE BASIN

08249000 CONEJOS RIVER NEAR LASAUSES, CO (COMBINED)

**LOCATION.**--Lat 37°18'01", long 105°44'47", in SW¼SW¼ sec. 2, and SE¼NE¼ sec. 10 (two channels), T.35 N., R.11 E., Conejos County, Hydrologic Unit 13010005, on left bank of main channel 125 ft downstream from bridge on State Highway 158 and on left bank of secondary channel 230 ft upstream from bridge on State Route 158, 1.0 mi upstream from mouth, 2.1 mi north of Lasauses, and 13 mi southeast of Alamosa.

**DRAINAGE AREA.**--887 mi<sup>2</sup>.

**GAGE.**--Two water-stage recorders with satellite telemetry. Datum of gage on main (north) channel is 7,495.02 ft above National Geodetic Vertical Datum of 1929, and on secondary (south) channel is 7,496.89 ft above National Geodetic Vertical Datum of 1929 (levels by U.S. Bureau of Reclamation).

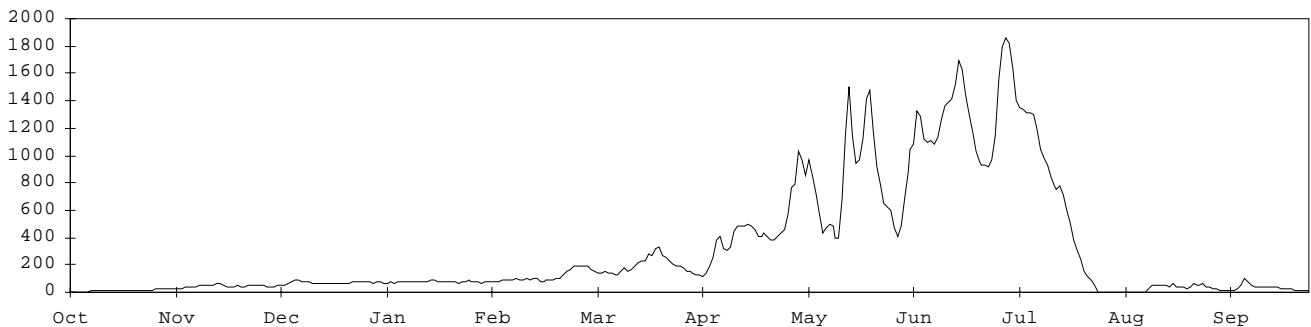
**REMARKS.**--Diversions for irrigation of about 75,000 acres upstream from station. Records are good except for periods of no gage-height, ice affected record, and backwater affected record which are poor. Stations maintained and records developed by Div. III staff.

**COMBINED CONEJOS RIVER (NORLASCO,SOULASCO)**

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	24	46	66	81	191	152	763	409	1550	2.7	33
2	2.6	26	45	69	80	191	136	796	481	1790	1.8	27
3	3.1	28	46	72	79	160	123	1030	682	1860	1.3	21
4	2.7	35	59	69	80	148	126	967	879	1820	0.98	12
5	1.7	41	80	73	84	144	118	849	1050	1640	0.68	10
6	1.4	35	83	75	86	146	137	962	1080	1400	0.58	12
7	12	39	83	71	90	158	192	858	1320	1350	0.47	16
8	16	46	79	77	92	146	254	723	1290	1340	0.31	19
9	15	47	77	75	101	137	376	570	1120	1310	0.46	29
10	10	53	71	75	95	130	404	439	1100	1310	0.35	49
11	7.0	51	67	77	94	127	319	468	1110	1300	0.33	100
12	7.8	56	65	80	104	152	312	497	1080	1190	0.50	82
13	8.8	63	67	74	94	184	326	489	1140	1040	0.63	55
14	9.6	66	67	73	100	156	449	391	1260	984	23	39
15	12	52	65	83	96	162	483	392	1360	930	54	35
16	13	42	65	84	80	188	489	680	1390	839	50	44
17	15	37	63	72	79	216	478	1160	1420	772	50	42
18	15	42	65	71	83	229	495	1500	1520	748	55	43
19	16	45	67	71	86	235	489	1150	1690	776	49	39
20	18	44	67	71	91	282	459	946	1630	717	41	32
21	18	43	65	75	97	273	407	963	1440	598	68	34
22	19	48	63	78	102	323	407	1120	1300	507	43	29
23	19	45	73	69	122	335	433	1420	1170	381	36	30
24	19	47	80	71	148	273	407	1480	1030	307	32	25
25	19	46	71	76	163	255	377	1170	961	246	31	20
26	20	51	75	84	185	225	385	920	933	155	38	17
27	22	47	72	78	193	204	407	791	924	111	63	12
28	25	44	71	75	187	190	429	655	911	86	48	13
29	23	40	69	82	---	188	462	623	970	56	56	15
30	23	44	78	69	---	173	572	599	1150	5.2	59	18
31	23	---	77	71	---	156	---	471	---	3.5	37	---
TOTAL	418.0	1327	2121	2306	2972	6077	10603	25842	33800	27121.7	844.10	952
MEAN	13.5	44.2	68.4	74.4	106	196	353	834	1127	875	27.2	31.7
AC-FT	829	2630	4210	4570	5890	12050	21030	51260	67040	53800	1670	1890
MAX	25	66	83	84	193	335	572	1500	1690	1860	68	100
MIN	1.3	24	45	66	79	127	118	391	409	3.5	0.31	10

CAL YR 1994 TOTAL 66774.16 MEAN 183 MAX 1540 MIN 0.00 AC-FT 132400  
WTR YR 1995 TOTAL 114383.80 MEAN 313 MAX 1860 MIN 0.31 AC-FT 226900



RIO GRANDE BASIN

08250000 CULEBRA CREEK AT SAN LUIS, CO

**LOCATION.**--Lat 37°11'02", long 105°25'31", Costilla County, Hydrologic Unit 13010002, in Beaubien Grant, on left bank at bridge 1.0 mi. south of San Luis and 1.0 mi. upstream from Rito Seco.

**DRAINAGE AREA.**--220 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder and concrete control. Steven's Datalogger installed Mar. 25, 1994. Altitude of gage is 8,000 ft from topographic map.

**REMARKS.**--Flow partially regulated by Sanchez Reservoir on Ventero Creek. Record is complete and reliable except for June 1-2, 1995 when the winter floor affected floats; June 22-July 27 when recorders were not charting correctly. Stage-discharge relation affected by ice Nov. 18, 20; Dec. 16, 1994; Jan. 1-2, 17, 23, 1995. Record is good except for periods of no record and ice affected record which are fair to poor. Station maintained and records developed by Division III Hydrographic staff.

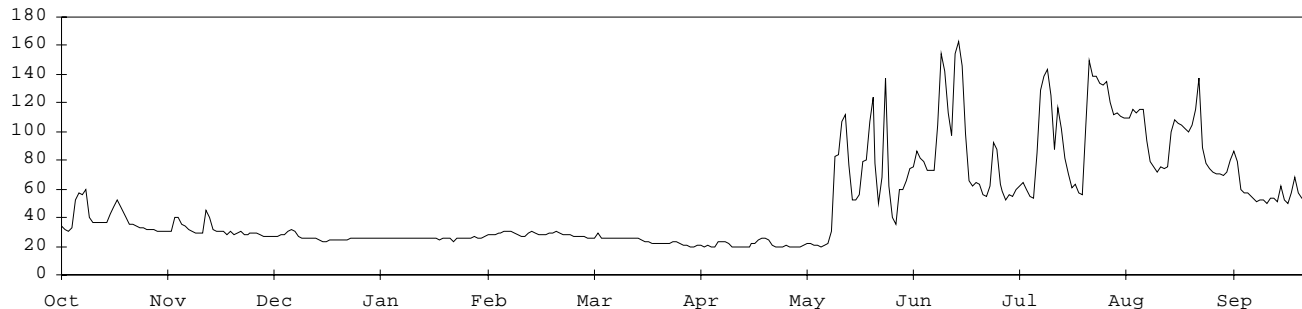
**RATING TABLE.**--CULSANCO05 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	30	27	25	27	27	21	20	35	63	135	72
2	32	30	27	25	28	27	20	20	60	58	121	70
3	31	40	27	26	28	26	20	20	59	52	112	70
4	33	40	28	26	28	26	21	19	66	56	113	69
5	52	35	28	26	29	26	21	21	74	55	111	72
6	57	34	31	26	29	29	20	22	75	60	110	80
7	56	32	32	26	30	26	21	22	86	62	110	86
8	60	30	30	26	30	25	19	21	81	64	110	79
9	40	29	27	26	31	25	20	21	79	60	115	59
10	37	29	25	26	29	25	23	20	73	55	113	57
11	37	29	25	26	28	26	23	21	73	54	115	57
12	37	45	25	26	27	26	23	22	73	85	116	56
13	36	40	25	26	27	26	22	31	104	129	94	54
14	37	32	26	26	29	25	20	83	155	139	79	51
15	43	30	24	26	31	25	20	84	142	143	75	52
16	48	31	23	26	29	25	20	107	113	125	72	52
17	52	31	23	25	28	25	20	112	97	87	75	50
18	48	28	24	25	28	25	20	77	154	117	74	53
19	43	31	24	24	28	24	20	52	163	102	76	53
20	40	28	24	25	29	23	22	52	146	81	100	51
21	35	29	24	25	29	23	22	56	99	70	108	62
22	35	30	24	25	31	22	24	79	66	61	106	52
23	34	28	24	23	29	22	25	80	62	63	104	50
24	33	28	25	25	28	22	25	107	64	57	102	57
25	33	29	26	25	28	22	24	124	63	56	100	68
26	32	29	26	26	28	22	21	78	56	105	105	57
27	32	29	26	26	27	22	20	50	55	150	116	53
28	32	28	25	26	27	23	20	68	62	139	138	52
29	31	27	25	27	---	23	20	138	92	139	89	56
30	31	27	26	26	---	22	21	62	87	134	78	57
31	31	---	26	26	---	21	---	40	---	132	74	---
TOTAL	1212	938	802	793	800	756	638	1729	2614	2753	3146	1807
MEAN	39.1	31.3	25.9	25.6	28.6	24.4	21.3	55.8	87.1	88.8	101	60.2
AC-FT	2400	1860	1590	1570	1590	1500	1270	3430	5180	5460	6240	3580
MAX	60	45	32	27	31	29	25	138	163	150	138	86
MIN	31	27	23	23	27	21	19	19	35	52	72	50

CAL YR 1994 TOTAL 20072 MEAN 55.0 MAX 165 MIN 22 AC-FT 39810  
WTR YR 1995 TOTAL 17988 MEAN 49.3 MAX 163 MIN 19 AC-FT 35680

MAX DISCH 229 CFS AT 0530 20-JUN-1995 GH 2.37 FT. SHIFT 0.09 FT. MAX GH 2.37 FT. AT 0530 20-JUN-1995



RIO GRANDE BASIN

08251500 RIO GRANDE NEAR LOBATOS, CO

**LOCATION.**--Lat 37°04'43", long 105°45'23", in NE¼NW¼ sec. 27, T.33 N., R.11 E., Conejos County, Hydrologic Unit 13010002, on right bank at highway bridge, 5.7 mi north of Colorado-New Mexico State line, 8 mi downstream from Culebra Creek, 11 mi east of Lobatos, and 14 mi east of Antonito.

**DRAINAGE AREA.**--7,700 mi<sup>2</sup>. approximately, includes 2,940 mi<sup>2</sup>. in closed basin in northern part of San Luis Valley, Colo.

**GAGE.**--Water-stage recorder with satellite telemetry in a timber shelter on a stone well with outside slope gage. Datum of gage is 7,427.63 ft above National Geodetic Vertical Datum of 1929.

**REMARKS.**--Record is complete and reliable. Stage discharge relation affected by ice Nov. 26-28, Dec. 11-31, 1994 and Jan. 1-31, Feb. 1-5, 1995. Record is good except for periods of ice affected record which is fair to poor. Station maintained and records developed by Div. III staff.

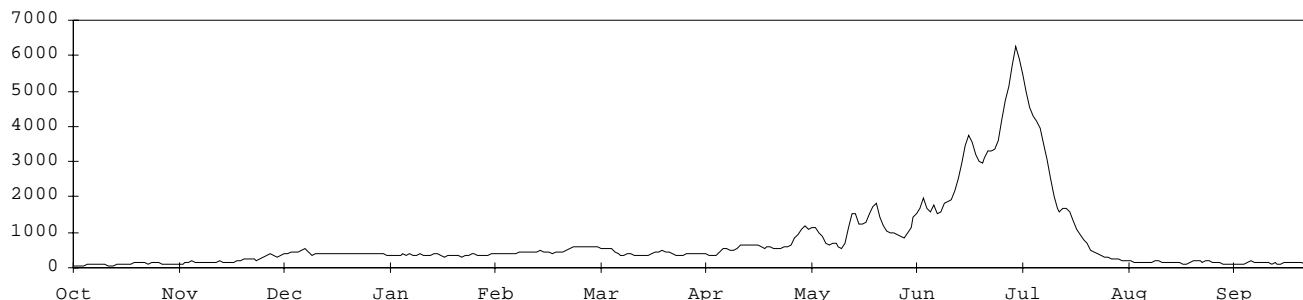
**RATING TABLE.**--RIOLOBCO03 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	109	360	360	380	608	409	840	879	4190	284	164
2	33	115	384	360	390	607	413	948	846	4710	266	145
3	31	134	390	350	390	586	399	1060	975	5140	239	126
4	33	144	428	350	400	567	408	1180	1140	5700	222	120
5	75	174	441	350	400	554	399	1070	1450	6240	205	109
6	93	168	429	380	401	549	325	1150	1550	5930	197	105
7	77	162	516	360	411	554	329	1140	1660	5480	184	108
8	91	162	522	390	415	520	367	1010	1950	4990	177	114
9	81	156	451	360	435	436	445	872	1700	4540	172	114
10	77	151	358	360	431	387	552	704	1590	4300	168	123
11	68	157	390	390	431	363	532	654	1790	4140	166	149
12	61	172	380	360	439	357	477	688	1550	3920	167	183
13	66	173	390	350	430	390	470	680	1570	3480	165	157
14	78	167	380	360	456	382	561	596	1800	3060	151	153
15	94	161	370	390	470	344	625	540	1870	2500	196	137
16	104	147	370	370	439	330	647	671	1930	2040	177	130
17	113	156	380	340	428	339	636	1130	2190	1680	157	128
18	119	201	390	320	421	365	654	1520	2530	1600	154	122
19	135	212	390	330	416	365	624	1540	2960	1680	145	124
20	144	224	390	330	428	385	630	1210	3440	1660	137	123
21	144	239	390	360	445	423	579	1210	3730	1570	135	121
22	128	240	380	330	468	423	548	1260	3550	1330	145	145
23	111	236	390	320	502	482	586	1550	3220	1100	119	135
24	130	211	400	330	538	444	575	1750	3010	934	120	128
25	126	239	390	350	568	429	545	1800	2960	800	126	127
26	126	300	400	380	580	392	535	1430	3090	671	174	127
27	123	340	390	370	608	352	560	1180	3280	514	181	124
28	122	400	380	360	608	334	567	1030	3310	466	191	115
29	119	341	390	350	---	329	575	970	3340	400	171	119
30	115	296	400	330	---	419	652	997	3600	325	184	127
31	112	---	400	360	---	403	---	957	---	286	178	---
TOTAL	2962	6087	12419	11000	12728	13418	15624	33337	68460	85376	5453	3902
MEAN	95.5	203	401	355	455	433	521	1075	2282	2754	176	130
AC-FT	5880	12070	24630	21820	25250	26610	30990	66120	135800	169300	10820	7740
MAX	144	400	522	390	608	608	654	1800	3730	6240	284	183
MIN	31	109	358	320	380	329	325	540	846	286	119	105

CAL YR 1994 TOTAL 144493 MEAN 396 MAX 2220 MIN 24 AC-FT 286600  
WTR YR 1995 TOTAL 270766 MEAN 742 MAX 6240 MIN 31 AC-FT 537100

MAX DISCH 6330 CFS AT 1415 05-JUL-1995 GH 6.72 FT. SHIFT -0.52 FT. MAX GH 6.72 FT. AT 1415 05-JUL-1995



TRANSMOUNTAIN DIVERSION TO

RIO GRANDE BASIN

09118200 TARBELL DITCH NEAR COCHETOPA PASS, CO

**LOCATION.**--Tarbell ditch diverts water from Lake Fork Cochetopa Creek (tributary to Cochetopa Creek), in NW¼ sec. 18, T.43 N., R.2 E., in Gunnison River basin, to Lake Fork Saguache Creek (tributary to Middle Fork Saguache Creek) in NE¼ sec. 18, T.43 N., R.2 E., in Rio Grande basin.

**DRAINAGE AREA.**--N/A

**GAGE.**--Graphic water-stage recorder at a 2.5' Parshall Flume.

**REMARKS.**--Record is complete and reliable except for Aug. 5, 1995 when there was missing chart data. Station maintained and records developed by Division III Hydrographic staff.

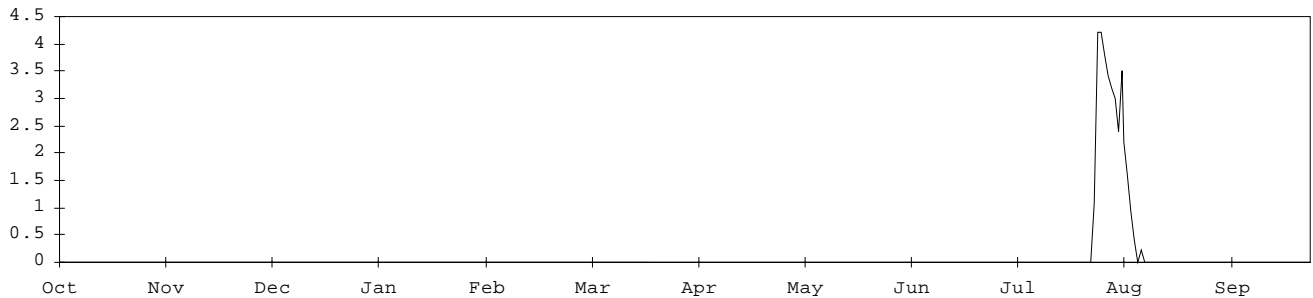
**RATING TABLE.**--TARBELCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.94	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.42	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.21	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	1.1	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	4.2	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	4.2	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	24.68	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.31	0.80	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19	49	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	3.8	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CAL YR 1994 TOTAL 104.21 MEAN 0.29 MAX 3.1 MIN 0.00 AC-FT 207  
WTR YR 1995 TOTAL 34.18 MEAN 0.09 MAX 4.2 MIN 0.00 AC-FT 68

MAX DISCH 4.3 CFS AT 0330 30-JUL-1995 GH 0.49 FT. SHIFT 0.09 FT. MAX GH 0.49 FT. AT 0330 30-JUL-1995



TRANSMOUNTAIN DIVERSION TO

RIO GRANDE BASIN

09121000 TABOR DITCH AT SPRING CREEK PASS, CO

**LOCATION.**--Lat 37°56'30", long 107°09'00"; Tabor ditch diverts water from tributaries of Cebolla Creek in secs, 29 and 36, T.43 N., R.3 W., in Gunnison River basin, to Big Spring Creek (tributary to North Clear Creek) in sec. 35, T.43 N., R.3 W., in Rio Grande basin.

**DRAINAGE AREA.**--N/A

**GAGE.**--Steven's Data Logger and satellite monitoring system at 3 ft Parshall flume.

**REMARKS.**--Record is complete and reliable. Station maintained and records developed by Division III Hydrographic staff.

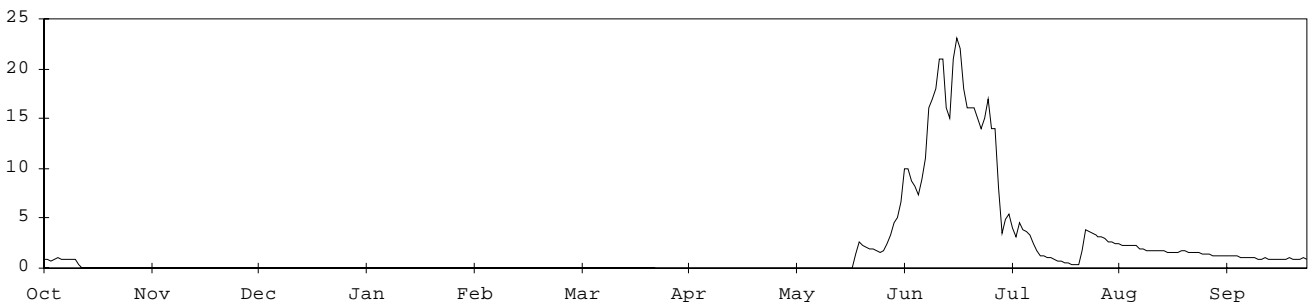
**RATING TABLE.**--TABDITCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	14	3.2	1.4
2	0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	14	3.1	1.4
3	0.77	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	8.0	2.9	1.3
4	0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	3.5	2.7	1.2
5	0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	4.9	2.6	1.2
6	0.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	5.5	2.5	1.2
7	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	4.1	2.4	1.2
8	0.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	3.1	2.3	1.2
9	0.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	4.6	2.3	1.2
10	0.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	3.9	2.2	1.2
11	0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	3.7	2.2	1.1
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	3.3	2.2	1.1
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	2.5	2.0	1.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	1.7	2.0	1.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18	1.2	1.8	0.99
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21	1.2	1.8	0.94
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21	1.1	1.8	0.92
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	1.1	1.7	0.99
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.87	1.7	0.94
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21	0.76	1.7	0.89
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23	0.64	1.6	0.89
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22	0.56	1.6	0.96
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	18	0.46	1.6	0.89
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	16	0.43	1.5	0.86
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	16	0.40	1.7	0.98
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	16	0.38	1.7	0.87
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	15	1.8	1.6	0.89
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	14	3.9	1.6	0.91
29	0.0	0.0	0.0	0.0	---	0.0	0.0	1.7	15	3.7	1.6	1.00
30	0.0	0.0	0.0	0.0	---	0.0	0.0	1.6	17	3.5	1.5	0.90
31	0.0	---	0.0	0.0	---	0.0	---	1.7	---	3.4	1.4	---
TOTAL	9.22	0.0	0.0	0.0	0.0	0.0	0.0	17.3	403.2	102.19	62.5	31.50
MEAN	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.56	13.4	3.30	2.02	1.05
AC-FT	18	0.0	0.0	0.0	0.0	0.0	0.0	34	800	203	124	62
MAX	0.98	0.0	0.0	0.0	0.0	0.0	0.0	2.6	23	14	3.2	1.4
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.38	1.4	0.86

CAL YR 1994 TOTAL 319.59 MEAN 0.88 MAX 13 MIN 0.00 AC-FT 634  
WTR YR 1995 TOTAL 625.92 MEAN 1.71 MAX 23 MIN 0.00 AC-FT 1240

MAX DISCH 26 CFS AT 0400 21-JUN-1995 GH 1.61 FT. SHIFT 0.04 FT. MAX GH 1.61 FT. AT 0400 21-JUN-1995



TRANSMOUNTAIN DIVERSION TO

RIO GRANDE BASIN

09341000 TREASURE PASS DITCH AT WOLF CREEK PASS, CO

LOCATION.--Treasure Pass diversion ditch diverts water from tributaries of Wolf Creek in San Juan River basin, to tributary of South Fork Rio Grande in sec. 5, T.37 N., R.2 E., in Rio Grande basin.

DRAINAGE AREA.--N/A

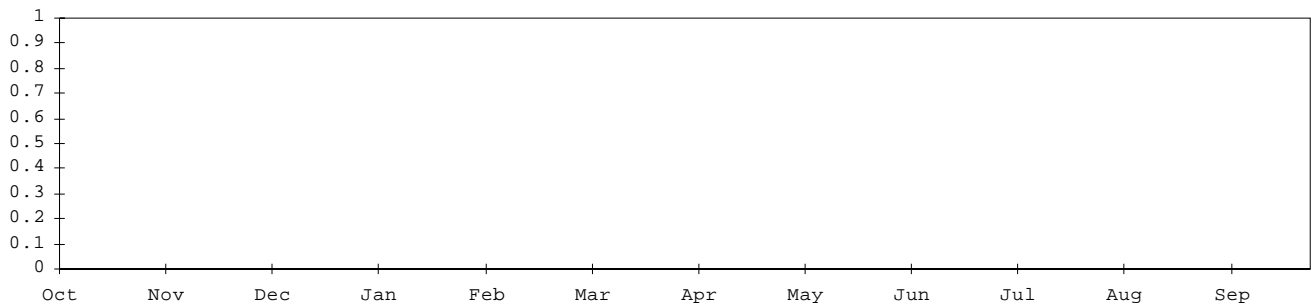
GAGE.--Graphic water-stage recorder at a 2' Parshall Flume.

REMARKS.--No water flowed past this station this year. Station maintained and records developed by Division III Hydrographic staff.

RATING TABLE.--TREDITCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL YR 1994 TOTAL		47.60	MEAN	0.13	MAX	4.5	MIN	0.00	AC-FT	94		
WTR YR 1995 TOTAL		0	MEAN	0.00	MAX	0.00	MIN	0.00	AC-FT	0.00		





TRANSMOUNTAIN DIVERSION TO

RIO GRANDE BASIN

09347000 DON LA FONT DITCH NO.1 AT PIEDRA PASS, CO

LOCATION.--SW¼ sec. 33, T.39 N., R.1 W., at Piedra Pass, Co. Diversion is from tributaries of Piedra River Basin to Red Mountain Creek in Rio Grande River Basin.

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorder at 9 in. Parshall flume.

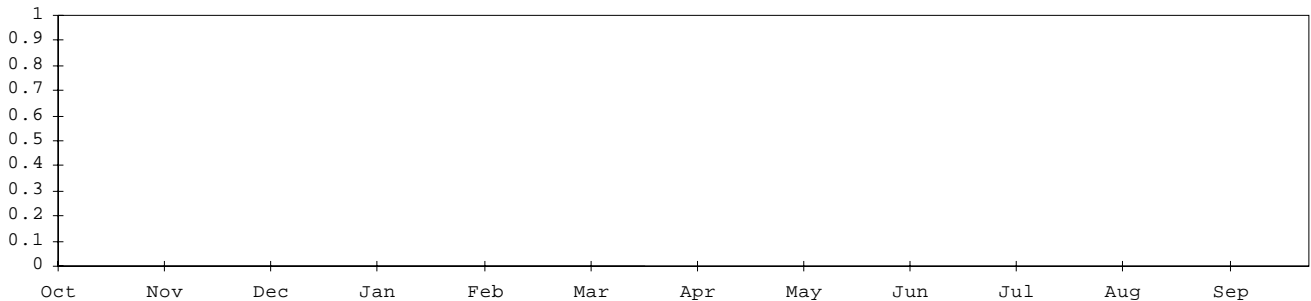
REMARKS.--No water flowed by station during water year. Station maintained and records developed by Division III Hydrographic staff.

RATING TABLE.--DLFDT1CO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CAL YR 1994 TOTAL 15.84 MEAN 0.04 MAX 1.8 MIN 0.00 AC-FT 31  
WTR YR 1995 TOTAL 0 MEAN 0.00 MAX 0.00 MIN 0.00 AC-FT 0.00



TRANSMOUNTAIN DIVERSION TO

RIO GRANDE BASIN

09347000 DON LA FONT DITCH NO.2 AT PIEDRA PASS, CO

LOCATION.--SW¼ sec. 33, T.39 N., R.1 W., at Piedra Pass, Co. Diversion is from tributaries of Piedra River in San Juan River Basin to Red Mountain Creek in Rio Grande River Basin.

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorder at 1.5 ft Parshall flume.

REMARKS.--Record is complete and reliable. Station maintained and records developed by Division III Hydrographic staff.

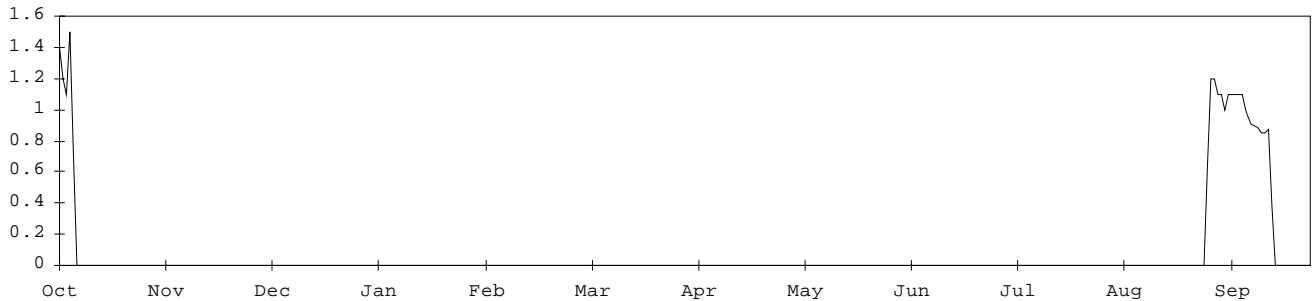
RATING TABLE.--DLFDT2C002 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
5	0.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.96
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.91
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.88
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.85
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.85
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.87
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.39
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.65	---
TOTAL	5.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.65	18.71
MEAN	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.62
AC-FT	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	37
MAX	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.65	1.2
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CAL YR 1994 TOTAL 173.60 MEAN 0.48 MAX 7.4 MIN 0.00 AC-FT 344  
WTR YR 1995 TOTAL 25.27 MEAN 0.07 MAX 1.5 MIN 0.00 AC-FT 50

MAX DISCH 2.1 CFS AT 1615 04-OCT-1994 GH 0.38 FT. SHIFT 0.12 FT. MAX GH 0.38 FT. AT 1615 04-OCT-1994



TRANSMOUNTAIN DIVERSION TO

RIO GRANDE BASIN

09347000 DON LA FONT DITCH, COMBINED, AT PIEDRA PASS, CO

LOCATION.--Don La Font ditches 1 and 2 divert water from tributaries of Piedra River between headgates in NW¼ sec. 4, T.38 N., R.1 W., and SW¼ sec. 33, T.39 N., R.1 W., and Piedra pass, in San Juan River basin, to Red Mountain Creek in sec. 33, T.39 N., R.1 W., in Rio Grande basin.

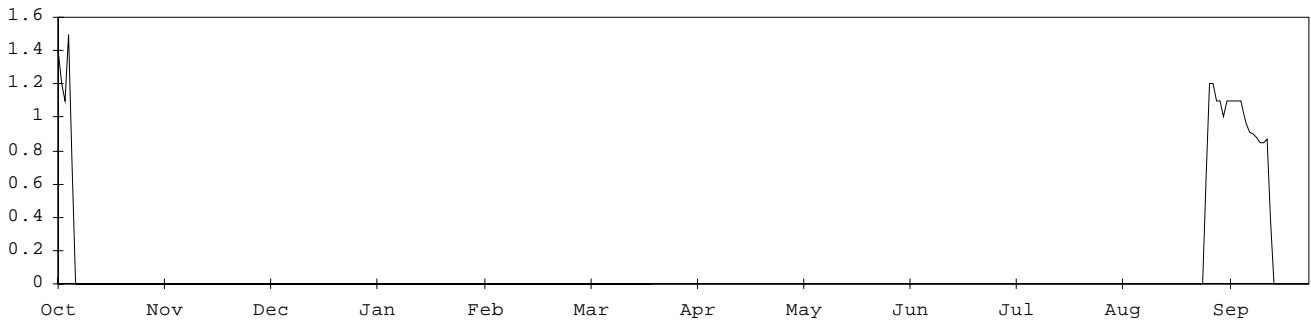
DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorders.

REMARKS.--Records combined to obtain this record.

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
5	0.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.96
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.91
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.88
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.85
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.85
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.87
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.39
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.65	---
TOTAL	5.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.65	18.71
MEAN	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.62
AC-FT	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	37
MAX	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.65	1.2
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CAL YR 1994 TOTAL	189.50	MEAN	0.52	MAX	7.4	MIN	0.00	AC-FT	376			
WTR YR 1995 TOTAL	25.27	MEAN	0.07	MAX	1.5	MIN	0.00	AC-FT	50			



TRANSMOUNTAIN DIVERSION TO

RIO GRANDE BASIN

09348000 WILLIAM'S CREEK-SQUAW PASS DITCH AT SQUAW PASS, CO

**LOCATION.**--William's Creek-Squaw Pass ditch diverts water from William's Creek (tributary to Piedra River) in sec. 21, T.39 N., R.3 W., in San Juan River basin, to Squaw Creek in sec. 21, T.39 N., R.3 W., in Rio Grande basin.

**DRAINAGE AREA.**--N/A

**GAGE.**--Graphic water-stage recorder at a 2' Parshall Flume.

**REMARKS.**--Record is complete and reliable except for Sep. 17-28 when the well was isolated. Station maintained and records developed by Division III Hydrographic staff.

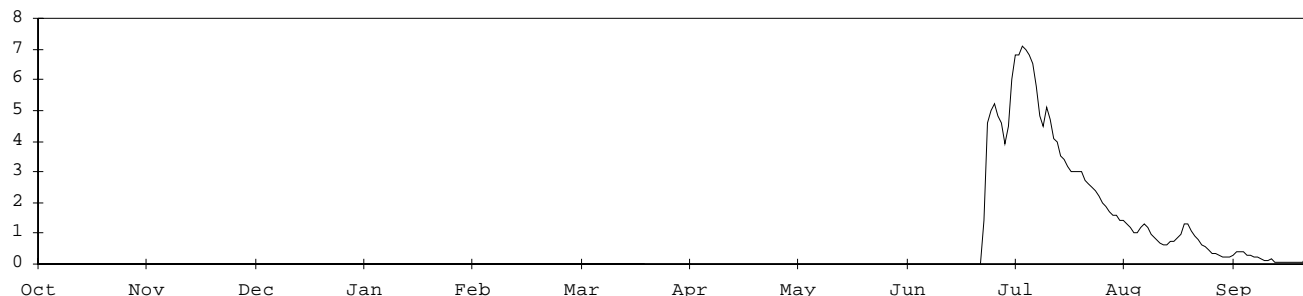
**RATING TABLE.**--WCSGITCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	2.0	0.35
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	1.9	0.32
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	1.7	0.27
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	1.6	0.22
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	1.6	0.21
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	1.4	0.25
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	1.4	0.30
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	1.3	0.39
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	1.2	0.41
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	1.0	0.37
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	1.0	0.31
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	1.2	0.26
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	1.3	0.22
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	1.2	0.21
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.97	0.18
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.81	0.14
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.69	0.09
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.62	0.15
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.65	0.06
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.71	0.03
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.71	0.03
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.87	0.03
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.96	0.03
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.3	0.03
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.3	0.03
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.1	0.03
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.92	0.03
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.6	0.80	0.33
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	4.6	2.5	0.65	0.67
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	5.0	2.4	0.55	0.32
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	2.2	0.43	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	137.5	33.83	6.25
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.37	4.44	1.09	0.21
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22	273	67	12
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	7.1	2.0	0.67
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.43	0.03

CAL YR 1994 TOTAL 140.70 MEAN 0.39 MAX 5.9 MIN 0.00 AC-FT 279  
WTR YR 1995 TOTAL 188.58 MEAN 0.52 MAX 7.1 MIN 0.00 AC-FT 374

MAX DISCH 8.9 CFS AT 1615 09-JUL-1995 GH 1.00 FT. SHIFT 0.07 FT. MAX GH 1.00 FT. AT 1615 09-JUL-1995



TRANSMOUNTAIN DIVERSION TO

RIO GRANDE BASIN

09351500 PINE RIVER WEMINUCHE PASS DITCH AT WEMINUCHE PASS, CO

LOCATION.--Weminuche Pass ditch diverts water from left bank of Rincon la vaca Creek (tributary to Los Pinos River) in sec. 5, T.39 N., R.4 W., in San Juan River basin, to Weminuche Creek in sec. 33, T.40 N., R.4 W., in Rio Grande basin.

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorder at 3 ft Parshall flume.

REMARKS.--Record is complete and reliable except for Jul. 14-20, 1995 when the pen was not inking for portions of the days. Stage-discharge relation affected by ice Sep. 22-23, 26, 1995. Station maintained and records developed by Division III Hydrographic staff.

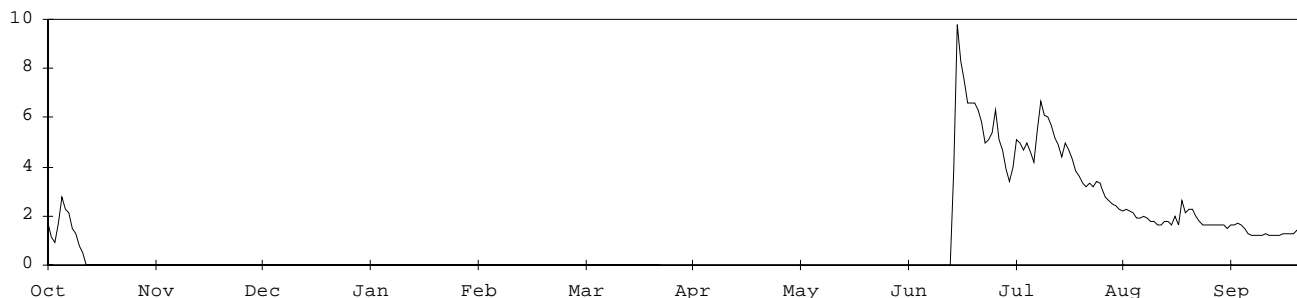
RATING TABLE.--PRWDITCO04 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	3.1	1.6
2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	2.8	1.6
3	0.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	2.6	1.6
4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	2.5	1.6
5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	2.4	1.6
6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	2.3	1.5
7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	2.2	1.6
8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	2.3	1.6
9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	2.2	1.7
10	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	2.1	1.6
11	0.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	1.9	1.5
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	1.9	1.3
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	2.0	1.2
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	1.9	1.2
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	1.8	1.2
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	1.8	1.2
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	1.6	1.3
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	1.6	1.2
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	4.9	1.8	1.2
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	4.4	1.8	1.2
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	5.0	1.6	1.2
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	4.7	2.0	1.3
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	4.3	1.6	1.3
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	3.8	2.6	1.3
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	3.6	2.1	1.3
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	3.3	2.3	1.4
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	3.2	2.3	1.3
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	3.3	2.0	1.9
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	5.1	3.2	1.8	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	5.4	3.4	1.6	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	3.3	1.6	---
TOTAL	16.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.9	141.6	64.1	39.5
MEAN	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.56	4.57	2.07	1.32
AC-FT	33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	153	281	127	78
MAX	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	6.7	3.1	1.9
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	1.6	0.0

CAL YR 1994 TOTAL 101.57 MEAN 0.28 MAX 5.2 MIN 0.00 AC-FT 201  
WTR YR 1995 TOTAL 338.73 MEAN 0.93 MAX 9.8 MIN 0.00 AC-FT 672

MAX DISCH 12 CFS AT 1630 19-JUN-1995 GH 1.04 FT. SHIFT -0.04 FT. MAX GH 1.04 FT. AT 1630 19-JUN-1995



TRANSMOUNTAIN DIVERSION TO

RIO GRANDE BASIN

09351500 WEMINUCHE PASS DITCH AT WEMINUCHE PASS, CO

LOCATION.--Weminuche Pass ditch diverts water from left bank of Rincon la Vaca Creek (tributary to Los Pinos River) in sec. 5, T.39 N., R.4 W., in San Juan River basin, to Weminuche Creek in sec. 33, T.40 N., R.4 W., in Rio Grande basin.

DRAINAGE AREA.--N/A

GAGE.--Graphic water-stage recorder at a 5' Parshall Flume.

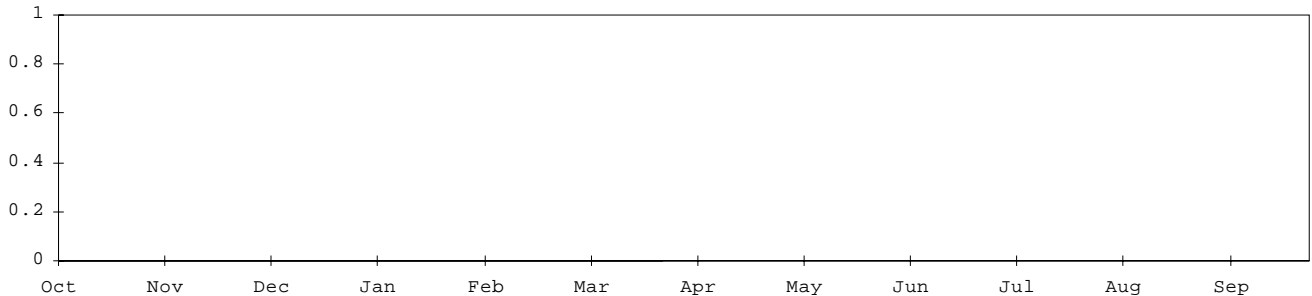
REMARKS.--No water flowed past this station during this water year. Station maintained and records developed by Division III Hydrographic staff.

RATING TABLE.--WEMDITCO05 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CAL YR 1994 TOTAL           0 MEAN       0.00 MAX       0.00 MIN       0.00 AC-FT       0.00  
WTR YR 1995 TOTAL           0 MEAN       0.00 MAX       0.00 MIN       0.00 AC-FT       0.00



GUNNISON RIVER BASIN

09131490 MUDDY CREEK ABOVE PAONIA RESERVOIR

**LOCATION.**--Lat 38°59'15", long 107°20'53", in the NE¼SE¼NW¼ sec 28, T.12 S., R.89 W. in Gunnison County on the right bank 700 ft. downstream from county bridge and 1400 ft. upstream from high water line of Paonia Reservoir.

**GAGE.**--Water-stage recorder and satellite telemetry.

**REMARKS.**--Record is complete, good and reliable except for a period when the stage-discharge relationship was effected by ice. The ice period was from Nov. 12, 1994 through Jan.13, 1995 and from Jan. 17 through Feb 8, 1995. This period was estimated comparing temperature, and the strip chart, and using measurements 178-180 during the ice period and correlating measurements 177 and 181 into and out of the ice estimated period respectively. This period of record is considered poor. The station was operated and maintained by Gerald. M. Thrush and Steve W. Tuck.

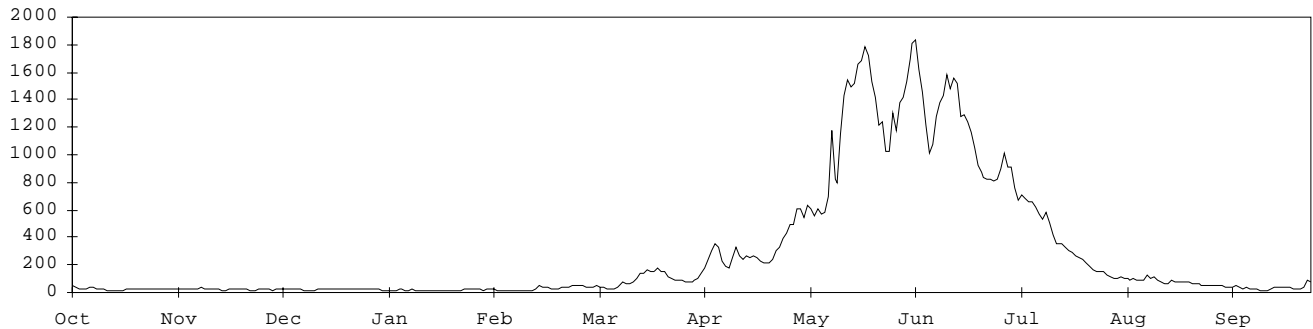
**RATING TABLE.**--MUDAPRC005 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48	19	20	15	24	44	79	498	1380	903	131	53
2	35	20	20	16	20	40	88	607	1420	1010	117	47
3	24	26	22	18	16	43	103	603	1530	914	106	47
4	23	26	20	18	18	49	138	544	1700	906	105	48
5	24	21	24	20	18	43	180	638	1810	759	109	37
6	42	22	24	22	16	42	240	602	1840	676	102	34
7	33	25	22	18	16	25	299	560	1620	704	101	41
8	26	35	18	18	15	26	352	603	1450	678	92	46
9	24	30	16	20	14	30	332	570	1220	654	97	40
10	21	22	16	18	13	36	227	580	1010	654	94	31
11	17	23	18	16	13	52	185	702	1080	624	87	35
12	17	22	20	16	15	82	177	1180	1280	575	85	31
13	14	20	24	14	13	66	258	827	1380	528	122	24
14	14	16	22	13	29	64	325	801	1430	578	102	22
15	16	16	20	13	47	79	269	1150	1580	504	111	16
16	18	22	22	11	33	100	237	1430	1480	422	88	12
17	20	24	22	12	33	133	261	1540	1560	355	77	10
18	21	24	22	15	33	133	250	1500	1520	354	67	24
19	21	24	24	16	24	160	269	1520	1280	360	62	39
20	24	22	20	18	24	146	253	1660	1290	328	85	41
21	25	20	22	16	29	146	234	1680	1240	306	80	40
22	23	18	22	18	37	175	221	1780	1170	288	76	39
23	23	14	26	18	38	150	221	1720	1050	269	71	36
24	22	18	30	20	43	152	218	1530	928	254	70	32
25	20	22	28	24	49	120	244	1420	871	237	73	29
26	22	20	24	26	49	107	307	1210	830	216	64	25
27	21	20	22	24	46	93	335	1240	823	190	57	25
28	20	20	20	22	46	90	388	1030	821	170	57	33
29	19	18	22	22	---	88	436	1020	813	158	49	94
30	21	22	24	16	---	79	498	1300	824	152	52	72
31	21	---	18	22	---	77	---	1180	---	146	56	---
TOTAL	719	651	674	555	771	2670	7624	33225	38230	14872	2645	1103
MEAN	23.2	21.7	21.7	17.9	27.5	86.1	254	1072	1274	480	85.3	36.8
AC-FT	1430	1290	1340	1100	1530	5300	15120	65900	75830	29500	5250	2190
MAX	48	35	30	26	49	175	498	1780	1840	1010	131	94
MIN	14	14	16	11	13	25	79	498	813	146	49	10

CAL YR 1994 TOTAL 34412.7 MEAN 94.3 MAX 779 MIN 5.1 AC-FT 68260  
WTR YR 1995 TOTAL 103739 MEAN 284 MAX 1840 MIN 10 AC-FT 205800

MAX DISCH 2296 CFS AT 2300 22-MAY-1995 GH 9.33 FT. SHIFT -0.30 FT. MAX GH 9.33 FT. AT 2300 22-MAY-1995



GUNNISON RIVER BASIN

09131500 MUDDY CREEK BELOW PAONIA RESERVOIR

**LOCATION.**--Lat 38°56'26", long 107°21'24" in the SE¼NW¼NE¼ sec. 8, T.13 S., R. 89 W. (in Gunnison County on the right hand bank), and about 100 feet above county bridge and about 1100 feet below Paonia Reservoir outlet.

**GAGE.**--Water-stage recorder and satellite telemetry float activated.

**REMARKS.**--The record is complete, reliable and good except for two periods about Jan. 3-Jan. 9, Jan. 24-Jan.27, 1995, when the stage-discharge relationship was effected by ice in the stilling well and probably the bottom inlet being frozen, and during the peak discharge when it was impossible to wade for measurement. These are fair. The high water period started about Apr. 29, 1995 to about Jul. 22, 1995. Station maintained and records developed by Gerald M. Thrush and Steve W. Tuck.

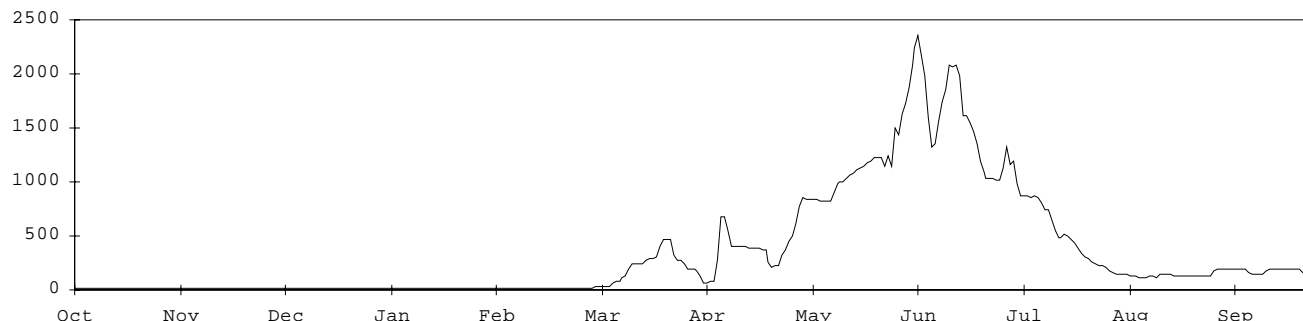
**RATING TABLE.**--MUDBPRC004 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	9.5	9.5	10	14	22	186	611	1630	1130	183	175
2	11	9.5	9.5	10	14	22	184	779	1730	1330	163	195
3	11	10	9.5	10	14	32	124	849	1870	1160	151	194
4	10	10	10	10	14	40	70	842	2080	1190	149	194
5	11	10	10	10	14	40	72	840	2240	985	149	193
6	11	10	10	10	14	40	73	839	2360	864	141	192
7	11	10	10	10	15	40	74	839	2170	867	132	190
8	11	10	10	10	16	58	278	828	1990	865	125	190
9	11	10	9.9	10	16	79	682	826	1600	861	122	188
10	11	10	9.7	10	16	79	671	821	1320	874	117	186
11	11	10	10	10	16	106	553	822	1350	859	112	156
12	11	10	10	10	16	126	402	900	1560	803	107	140
13	11	10	10	10	16	200	398	976	1750	743	122	140
14	10	10	10	10	19	236	400	992	1860	745	126	139
15	10	10	9.5	10	23	235	399	1000	2080	646	114	138
16	10	10	9.5	10	22	235	396	1030	2060	544	149	173
17	10	10	9.5	10	22	236	395	1060	2080	478	143	195
18	10	10	9.5	10	22	268	392	1080	1990	478	143	194
19	10	10	9.5	10	22	287	389	1110	1620	522	146	194
20	10	11	9.5	10	22	296	384	1130	1610	494	137	194
21	10	10	9.5	10	22	305	378	1150	1550	468	132	193
22	9.5	10	9.5	10	22	399	369	1180	1470	436	133	191
23	9.5	10	9.5	10	22	473	258	1200	1360	390	133	190
24	9.5	10	10	10	22	470	217	1220	1190	344	134	189
25	9.5	10	10	10	22	462	219	1230	1100	306	136	186
26	9.5	10	10	10	22	321	223	1230	1040	286	136	186
27	9.5	11	10	10	22	268	316	1150	1030	260	136	161
28	9.5	11	10	12	22	278	372	1240	1030	244	136	129
29	9.5	10	10	14	---	239	455	1150	1020	233	136	129
30	9.5	9.6	10	14	---	194	505	1500	1020	222	135	114
31	9.5	---	10	14	---	189	---	1440	---	217	133	---
TOTAL	317.0	301.6	303.6	324	523	6275	9834	31864	48760	19844	4211	5228
MEAN	10.2	10.1	9.79	10.5	18.7	202	328	1028	1625	640	136	174
AC-FT	629	598	602	643	1040	12450	19510	63200	96720	39360	8350	10370
MAX	11	11	10	14	23	473	682	1500	2360	1330	183	195
MIN	9.5	9.5	9.5	10	14	22	70	611	1020	217	107	114

CAL YR 1994 TOTAL 39178.2 MEAN 107 MAX 997 MIN 9.5 AC-FT 77710  
WTR YR 1995 TOTAL 127785.2 MEAN 350 MAX 2360 MIN 9.5 AC-FT 253500

MAX DISCH 2730 CFS AT 0215 06-JUN-1995 GH 7.02 FT. SHIFT 0.07 FT. MAX GH 7.02 FT. AT 0215 06-JUN-1995





GUNNISON RIVER BASIN

ABC LATERAL NEAR MONTROSE, CO

**LOCATION.**--Lat 38°29'06", long 107°44'57", in SE¼NE¼NE¼ sec. 27, T.49 N., R.8 W., Montrose County, on left bank of canal 270 ft. below takeout from South Canal, such takeout being 1700 ft. below the west portal of the Gunnison Tunnel.

**GAGE.**--Graphic water-stage recorder with satellite telemetry.

**REMARKS.**--Record is complete, good and reliable. The normal operating period of the canal was from Oct. 01 to Oct30, 1994 and from Mar.21 to Sep. 30, 1995. The intervening period, from Oct31, 1994 to Mar. 20, 1995 consisted of seepage from the Gunnison Tunnel. This winter shut down period is a normal operational occurrence. Station maintained and records developed by Gerald M. Thrush.

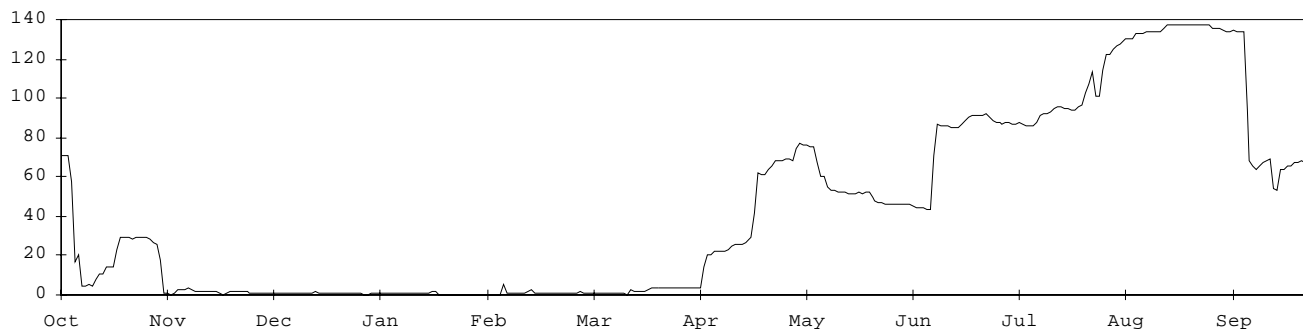
**RATING TABLE.**--ABCLATCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71	0.80	1.1	1.2	0.0	1.4	3.8	69	46	88	122	136
2	71	0.39	1.3	1.2	0.0	0.78	3.8	68	46	87	122	136
3	71	1.1	1.2	1.1	0.0	1.0	3.8	74	46	88	125	136
4	58	2.4	0.95	1.2	0.0	0.90	3.8	77	46	88	127	135
5	17	2.6	1.00	1.2	0.0	0.84	3.8	76	46	87	128	134
6	20	3.1	0.95	1.1	0.0	0.94	14	76	45	87	129	134
7	4.0	3.4	0.93	1.1	5.0	0.97	20	75	44	88	130	135
8	4.0	2.5	0.87	1.0	1.1	1.1	20	75	44	87	130	134
9	4.9	2.1	0.86	1.0	0.75	0.98	22	67	44	86	130	134
10	4.3	2.0	0.85	1.0	0.72	0.92	22	60	43	86	133	134
11	8.0	1.9	0.92	1.0	0.70	0.93	22	60	43	86	133	94
12	11	2.0	0.63	1.0	0.76	0.93	22	55	71	88	133	68
13	11	1.9	1.2	1.0	0.81	0.99	23	53	87	91	134	66
14	14	1.9	2.0	1.0	1.7	1.0	25	53	86	92	134	64
15	14	1.8	0.79	1.0	2.5	0.29	26	52	86	92	134	66
16	14	0.60	0.94	0.93	1.0	2.5	26	52	86	93	134	67
17	23	0.0	0.67	1.6	0.92	2.0	26	52	85	95	134	68
18	29	1.1	0.46	1.9	0.92	1.8	27	51	85	96	136	69
19	29	1.6	0.65	0.11	0.82	1.8	28	51	85	96	137	54
20	29	1.5	0.70	0.0	0.81	1.6	29	51	87	95	137	53
21	29	1.5	0.70	0.0	0.81	3.1	42	52	89	95	137	64
22	28	1.4	0.66	0.0	0.81	3.7	62	51	90	94	137	64
23	29	1.4	0.76	0.0	0.81	3.8	61	52	91	94	137	66
24	29	1.4	0.84	0.0	0.80	3.8	61	52	91	96	137	66
25	29	1.3	0.87	0.0	0.80	3.8	64	50	91	97	137	67
26	29	1.3	0.92	0.0	0.82	3.8	66	48	91	103	137	67
27	28	1.2	0.95	0.0	0.81	3.8	68	47	92	107	137	68
28	27	1.2	0.34	0.0	1.2	3.8	68	47	90	113	137	67
29	26	1.2	0.0	0.0	---	3.8	68	46	89	101	137	58
30	18	1.1	0.82	0.0	---	3.8	69	46	88	101	137	56
31	0.74	---	1.2	0.0	---	3.8	---	46	---	114	137	---
TOTAL	779.94	47.69	27.05	20.64	25.37	64.68	1000.0	1784	2153	2911	4129	2660
MEAN	25.2	1.59	0.87	0.67	0.91	2.09	33.3	57.5	71.8	93.9	133	88.7
AC-FT	1550	95	54	41	50	128	1980	3540	4270	5770	8190	5280
MAX	71	3.4	2.0	1.9	5.0	3.8	69	77	92	114	137	136
MIN	0.74	0.0	0.0	0.0	0.0	0.29	3.8	46	43	86	122	53

CAL YR 1994 TOTAL 23884.18 MEAN 65.4 MAX 175 MIN 0.00 AC-FT 47370  
WTR YR 1995 TOTAL 15602.37 MEAN 42.7 MAX 137 MIN 0.00 AC-FT 30950

MAX DISCH 149 CFS AT 0845 11-SEP-1995 GH 3.42 FT. SHIFT -0.18 FT. MAX GH 3.42 FT. AT 0845 11-SEP-1995



GUNNISON RIVER BASIN

SOUTH CANAL NEAR MONTROSE, CO

**LOCATION.**--Lat 38°29'01", long 107°45'20", in NE¼SW¼NE¼ sec 27, T.49 N., R.8 W., Montrose County, on right bank of canal approximately 3600 ft. below the west portal of the Gunnison Tunnel.

**GAGE.**--Water-state recorder with satellite telemetry.

**REMARKS.**--The record is complete, good and reliable. The normal operating period was from the Oct 1 to Nov 1, 1994 and from Mar 21 to Sep 30, 1995. The intervening period reflected use on eight occasions to fill Fairview Reservoir. These periods were: Nov 16-17, Dec 13-14,28-29 1994, Jan 17-18, Feb 6-7, 14-15, 28- Mar1, 15-16 1995. These intervening winter values were supplied by the Uncompahgre Valley Water Users Association and are considered fair. Station maintained and records developed by Gerald M. Thrush.

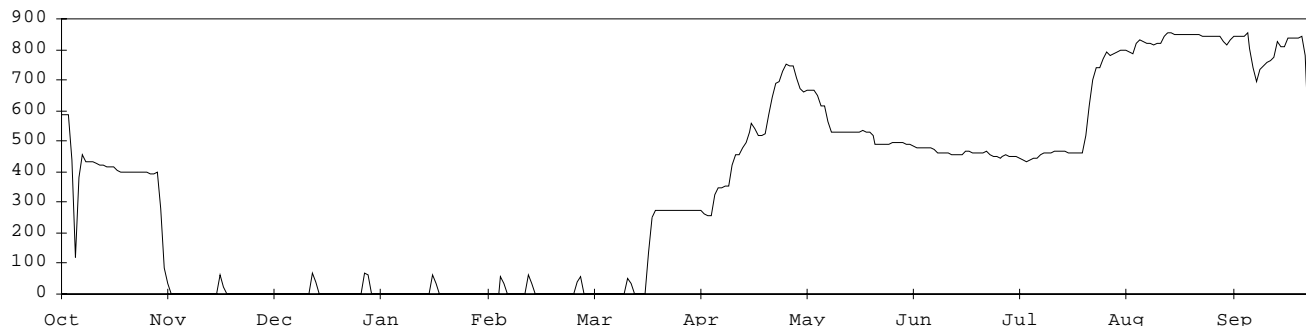
**RATING TABLE.**--SOUCANCO12 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	584	35	0.0	0.0	0.0	56	274	748	497	447	789	844
2	585	0.0	0.0	0.0	0.0	0.0	274	745	497	448	782	844
3	585	0.0	0.0	0.0	0.0	0.0	274	707	497	453	788	845
4	438	0.0	0.0	0.0	0.0	0.0	272	671	488	451	794	828
5	117	0.0	0.0	0.0	0.0	0.0	272	660	490	450	796	813
6	381	0.0	0.0	0.0	57	0.0	264	664	486	452	799	829
7	454	0.0	0.0	0.0	33	0.0	258	664	477	444	797	844
8	431	0.0	0.0	0.0	0.0	0.0	259	664	481	436	789	845
9	431	0.0	0.0	0.0	0.0	0.0	326	648	480	435	784	841
10	432	0.0	0.0	0.0	0.0	0.0	350	617	476	438	819	845
11	426	0.0	0.0	0.0	0.0	0.0	350	617	477	442	832	853
12	420	0.0	0.0	0.0	0.0	0.0	352	565	470	443	824	806
13	420	0.0	66	0.0	0.0	0.0	356	527	464	456	823	739
14	416	0.0	38	0.0	61	0.0	421	527	460	461	821	695
15	418	0.0	0.0	0.0	36	54	454	527	461	462	817	734
16	417	61	0.0	0.0	0.0	32	455	527	460	464	818	748
17	405	20	0.0	61	0.0	0.0	478	527	457	466	821	756
18	398	0.0	0.0	37	0.0	0.0	495	528	456	468	843	761
19	400	0.0	0.0	0.0	0.0	0.0	532	532	456	468	855	776
20	399	0.0	0.0	0.0	0.0	0.0	556	528	457	466	852	827
21	398	0.0	0.0	0.0	0.0	137	540	532	466	462	850	807
22	398	0.0	0.0	0.0	0.0	252	517	533	466	464	849	810
23	397	0.0	0.0	0.0	0.0	275	520	532	464	464	846	836
24	397	0.0	0.0	0.0	0.0	276	524	531	464	464	846	838
25	396	0.0	0.0	0.0	0.0	274	588	521	464	462	847	838
26	396	0.0	0.0	0.0	0.0	274	641	488	464	521	848	839
27	394	0.0	0.0	0.0	0.0	274	692	488	465	617	847	841
28	395	0.0	66	0.0	41	274	693	488	457	699	846	778
29	396	0.0	60	0.0	---	274	731	488	450	738	845	495
30	278	0.0	0.0	0.0	---	273	750	489	448	742	844	410
31	83	---	0.0	0.0	---	274	---	494	---	768	845	---
TOTAL	12485	116	230	98	228	2999	13468	17777	14095	15451	25556	23565
MEAN	403	3.87	7.42	3.16	8.14	96.7	449	573	470	498	824	786
AC-FT	24760	230	456	194	452	5950	26710	35260	27960	30650	50690	46740
MAX	585	61	66	61	61	276	750	748	497	768	855	853
MIN	83	0.0	0.0	0.0	0.0	0.0	258	488	448	435	782	410

CAL YR 1994 TOTAL 159779.3 MEAN 438 MAX 871 MIN 0.00 AC-FT 316900  
WTR YR 1995 TOTAL 126068 MEAN 345 MAX 855 MIN 0.00 AC-FT 250100

MAX DISCH 878 CFS AT 0830 20-SEP-1995 GH 3.45 FT. SHIFT -0.82 FT. MAX GH 3.45 FT. AT 0830 20-SEP-1995



GUNNISON RIVER BASIN

REDLANDS CANAL NEAR GRAND JUNCTION, CO

**LOCATION.**--Lat 39°01'49", long 108°33'51", in NW¼SW¼NW¼ sec 35, T.1 S., R.1 W., Mesa County, on the Right bank of canal 650 ft. below the Redlands diversion dam.

**GAGE.**--Water-stage recorder with satellite telemetry.

**REMARKS.**--Record is complete, good and reliable except for 3 days when the Stage-Discharge relationship was affected by ice: Jan. 2-4, 1995. These periods are considered to be fair. The strip chart was compared to weather records to estimate discharge on ice days. Station maintained and records developed by Gerald M. Thrush.

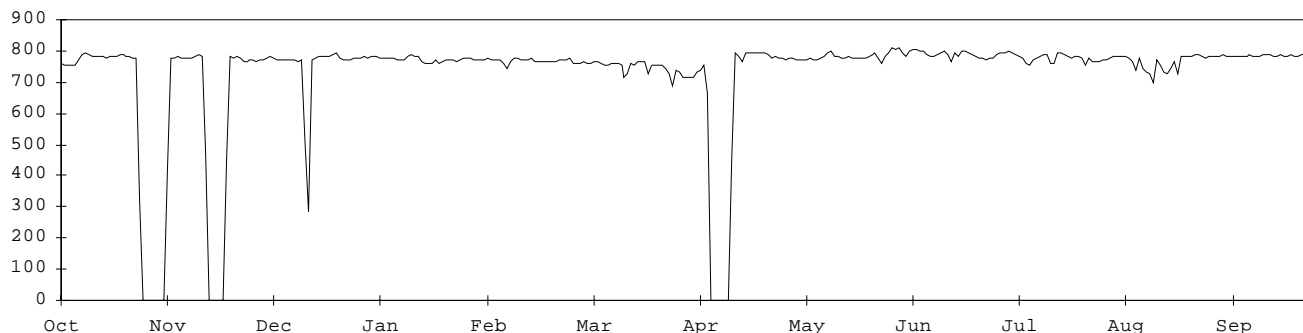
**RATING TABLE.**--RLCGRJCO04 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	758	416	783	780	773	762	715	775	807	795	774	785
2	754	777	776	775	775	767	713	775	808	794	776	784
3	756	778	769	775	773	762	715	773	796	794	780	785
4	757	781	769	775	773	762	733	771	780	801	781	786
5	755	778	771	775	772	764	736	773	801	791	781	782
6	772	777	773	776	773	764	753	773	803	786	781	781
7	790	779	770	774	760	760	666	775	803	785	781	785
8	794	778	769	774	741	756	0.0	773	802	779	779	785
9	789	785	768	774	765	757	0.0	774	798	762	768	784
10	782	786	769	782	777	761	0.0	775	788	755	739	784
11	780	784	506	789	775	761	0.0	783	783	774	777	785
12	780	468	287	783	774	759	0.0	792	780	779	745	786
13	780	0.0	770	781	772	755	0.0	798	789	782	730	783
14	779	0.0	775	767	773	717	455	782	794	787	725	783
15	782	0.0	783	763	775	728	795	782	802	787	700	784
16	780	0.0	781	759	766	760	781	779	789	759	774	787
17	780	0.0	781	763	766	756	766	778	766	762	752	786
18	786	452	780	772	765	766	792	781	791	793	734	788
19	786	781	789	760	768	766	795	778	783	791	724	785
20	781	778	794	767	768	768	794	779	800	790	741	785
21	781	784	777	771	768	726	796	776	799	782	768	786
22	779	776	774	772	768	755	792	776	793	775	726	784
23	778	767	774	771	770	754	792	779	786	781	781	785
24	325	768	774	766	771	757	795	782	782	782	784	786
25	0.0	772	775	774	771	753	786	790	779	779	784	784
26	0.0	770	775	777	775	743	775	791	775	757	781	785
27	0.0	768	779	779	763	726	784	779	774	779	787	786
28	0.0	770	780	777	761	690	779	760	775	768	787	786
29	0.0	769	779	774	---	739	776	783	778	768	782	787
30	0.0	776	782	772	---	730	773	796	788	768	779	786
31	0.0	---	782	772	---	718	---	808	---	771	784	---
TOTAL	18184	18418	23314	23969	21531	23242	18057	24189	23692	24156	23685	23548
MEAN	587	614	752	773	769	750	602	780	790	779	764	785
AC-FT	36070	36530	46240	47540	42710	46100	35820	47980	46990	47910	46980	46710
MAX	794	786	794	789	777	768	796	808	808	801	787	788
MIN	0.0	0.0	287	759	741	690	0.0	760	766	755	700	781

CAL YR 1994 TOTAL 259747 MEAN 712 MAX 794 MIN 0.00 AC-FT 515200  
WTR YR 1995 TOTAL 265985 MEAN 729 MAX 808 MIN 0.00 AC-FT 527600

MAX DISCH 824 CFS AT 1915 05-JUN-1995 GH 7.18 FT. SHIFT 0.01 FT. MAX GH 7.19 FT. AT 1645 08-OCT-1994



GUNNISON RIVER BASIN

UNCOMPAGRE RIVER NEAR OLATHE, CO

**LOCATION.**--Lat 38°36'5", long 107°58'58", SW¼SW¼ of NW¼ sec. 15, T.50 N., R. 10W, NMPM, and about 3,100 ft. above the S. H. 348 bridge and about 5,100 ft below the East Canal headgate and diversion structure, both stream distance. The gage is on the right bank and in Montrose County.

**DRAINAGE AREA.**--N/A

**GAGE.**--Graphic water-stage recorder with satellite telemetry. The DCP is the primary record with Electronic Data Logger as backup.

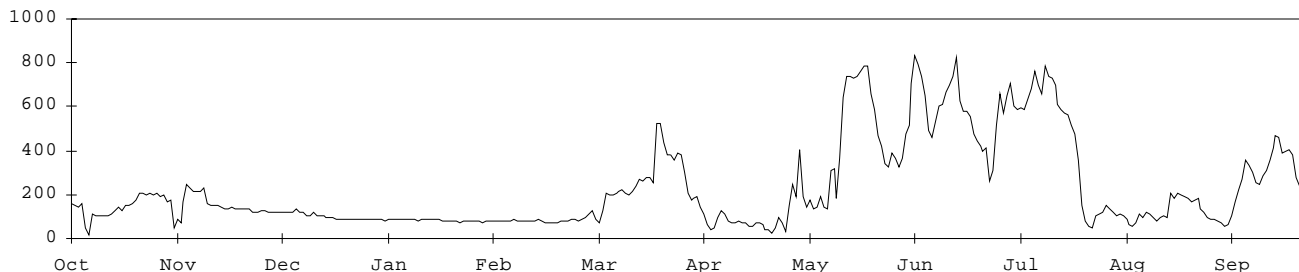
**REMARKS.**-- The gage operated from October 1, 1994-September 30, 1995. The record is complete reliable and good. The primary record is satellite transmitted data from the DCP. The Secondary record for this station is the Electronic Data Logger (EDL). The Uncompahgre River is controlled by releases from Ridgway Reservoir and imported water through the Gunnison Tunnel during periods of low natural stream flow. The canals of the Uncompahgre Project effect the amount of discharge at this gage. The East Canal is immediately above. The Ironstone Canal is above that, and operation of those automatic gates is reflected at this site by uneven stage from the gates seeking their set level. The station is maintained and records developed by Gerald M. Thrush.

**RATING TABLE.**--UNCOLACO06 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	157	88	116	81	79	94	171	243	326	662	153	88
2	147	72	117	86	78	110	186	194	369	574	136	86
3	142	164	116	85	78	127	193	401	480	649	118	83
4	162	243	117	84	78	88	145	188	512	707	103	75
5	48	227	117	88	79	74	111	139	705	606	110	59
6	18	217	132	89	78	127	60	172	837	591	103	62
7	108	212	118	84	77	205	43	138	796	595	87	105
8	106	212	116	84	85	195	46	146	742	591	64	166
9	106	227	102	84	83	198	96	191	649	637	54	224
10	105	156	103	84	80	203	127	142	491	686	71	272
11	103	147	116	83	79	216	108	138	457	765	108	354
12	107	147	105	90	79	223	79	311	528	696	98	336
13	114	147	106	85	78	207	75	318	600	656	120	300
14	124	139	107	86	80	202	74	184	608	783	110	253
15	142	133	96	86	84	214	77	365	667	740	97	246
16	128	134	92	85	76	235	68	646	696	729	78	289
17	147	140	93	84	71	268	73	735	739	698	97	308
18	151	134	91	82	72	263	59	742	829	615	104	359
19	157	133	91	82	72	279	59	732	624	590	94	409
20	173	133	89	82	72	279	73	737	580	574	203	465
21	205	134	88	83	74	255	74	760	578	564	186	461
22	205	133	88	83	76	521	67	789	559	513	206	386
23	202	122	88	74	80	523	39	788	479	480	201	398
24	203	119	89	83	80	436	42	660	441	358	189	405
25	202	122	89	83	85	380	26	590	419	153	184	377
26	205	125	89	82	85	377	47	470	398	77	169	277
27	192	124	88	82	83	357	97	420	410	57	172	241
28	197	119	85	81	85	392	68	338	258	47	182	251
29	167	116	86	79	---	381	29	325	312	105	138	330
30	171	117	88	74	---	304	148	386	518	113	122	157
31	50	---	85	78	---	205	---	364	---	123	94	---
TOTAL	4444	4436	3103	2576	2206	7938	2560	12752	16607	15734	3951	7822
MEAN	143	148	100	83.1	78.8	256	85.3	411	554	508	127	261
AC-FT	8810	8800	6150	5110	4380	15750	5080	25290	32940	31210	7840	15510
MAX	205	243	132	90	85	523	193	789	837	783	206	465
MIN	18	72	85	74	71	74	26	138	258	47	54	59
CAL YR 1994 TOTAL	36755.49		MEAN	101	MAX	414	MIN	0.03	AC-FT	72900		
WTR YR 1995 TOTAL	84129		MEAN	230	MAX	837	MIN	18	AC-FT	166900		

MAX DISCH 956 CFS AT 0715 06-JUN-1995 GH 5.29 FT. SHIFT -0.02 FT. MAX GH 5.29 FT. AT 0715 06-JUN-1995



ROARING FORK RIVER BASIN

ROARING FORK RIVER BELOW MAROON CREEK NEAR ASPEN, CO

**LOCATION.**--Lat 39°13'30", long 106°51'30", NW¼SW¼ sec. 35, T.9 S., R.85 W., Pitkin County, on left bank at Aspen Consolidated Sanitation Plant 0.5 mi east of Aspen Airport and 0.8 mi downstream from confluence of Maroon Creek.

**DRAINAGE AREA.**--N/A

**GAGE.**--Continuous water-stage recorder with satellite telemetry in 4'x6' concrete shelter. Control is a natural section. Datum of gage is 7560 ft from topographic map.

**REMARKS.**--Record good except for ice affected days Jan 2-3, 1995, and chart paper stuck Apr 25-30, 1995. Station maintained and records developed by Judy Sappington.

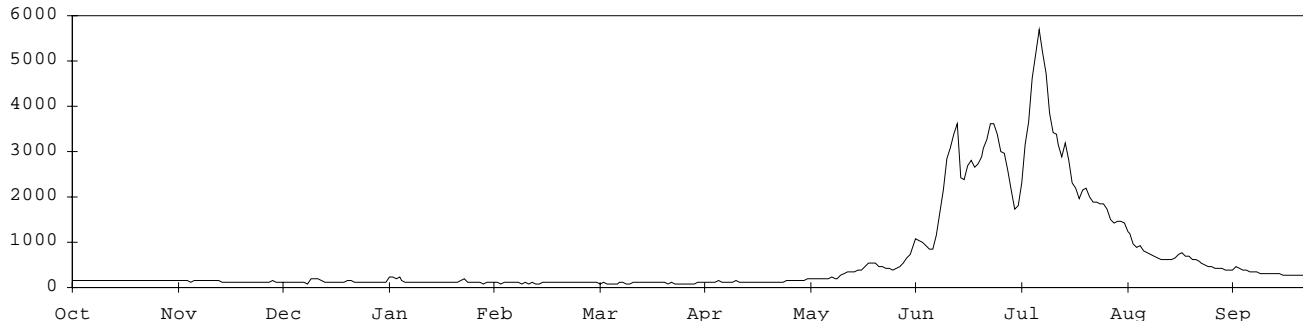
**RATING TABLE.**--ROABMCCO01 USED FROM 01-OCT-1994 TO 17-JUN-1995  
 ROABMCCO02 USED FROM 18-JUN-1995 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	166	143	126	97	101	101	94	148	457	3000	1720	453
2	162	143	122	237	100	99	96	169	552	2960	1490	439
3	152	145	120	215	98	106	99	171	659	2560	1440	435
4	141	139	120	210	96	99	106	159	749	2150	1450	413
5	140	133	123	236	99	96	114	177	847	1730	1470	397
6	150	139	125	144	98	97	118	177	1090	1800	1410	390
7	146	138	120	113	97	83	121	180	1050	2300	1250	402
8	144	141	116	110	97	88	134	185	1000	3160	1190	444
9	141	135	88	108	98	93	145	174	940	3640	975	413
10	144	136	180	106	96	96	124	174	834	4600	894	382
11	146	135	209	108	98	102	114	199	863	5140	911	367
12	144	145	177	105	89	105	118	222	1150	5700	825	353
13	143	141	156	102	99	95	126	202	1650	5200	781	339
14	143	122	134	103	92	92	137	205	2160	4730	746	329
15	155	109	126	102	66	98	129	267	2860	3830	686	318
16	158	129	133	104	109	106	126	326	3060	3440	659	308
17	153	132	128	100	109	111	129	359	3400	3380	634	302
18	152	125	131	97	115	108	124	337	3610	3150	613	310
19	152	128	125	109	108	114	131	333	2410	2880	627	309
20	147	128	134	104	105	101	129	376	2400	3180	617	297
21	150	129	140	111	103	108	121	382	2690	2800	644	292
22	149	126	139	105	104	111	118	453	2800	2310	718	281
23	148	115	126	142	108	106	121	531	2640	2190	751	275
24	147	128	115	177	108	108	118	536	2740	1970	688	269
25	148	127	115	132	107	96	121	543	2890	2140	680	265
26	146	126	110	108	106	104	121	480	3090	2180	619	262
27	143	121	107	104	103	96	126	478	3270	1990	625	257
28	145	130	112	101	103	96	134	422	3600	1890	587	265
29	142	143	108	100	---	91	150	409	3600	1900	543	316
30	150	131	109	95	---	94	153	393	3400	1850	514	312
31	137	---	109	112	---	89	---	404	---	1850	479	---
TOTAL	4584	3962	3983	3897	2812	3089	3697	9571	62461	91600	27236	10194
MEAN	148	132	128	126	100	99.6	123	309	2082	2955	879	340
AC-FT	9090	7860	7900	7730	5580	6130	7330	18980	123900	181700	54020	20220
MAX	166	145	209	237	115	114	153	543	3610	5700	1720	453
MIN	137	109	88	95	66	83	94	148	457	1730	479	257

CAL YR 1994 TOTAL 93480 MEAN 256 MAX 1540 MIN 88 AC-FT 185400  
 WTR YR 1995 TOTAL 227086 MEAN 622 MAX 5700 MIN 66 AC-FT 450400

MAX DISCH 6922 CFS AT 0545 12-JUL-1995 GH 7.36 FT. SHIFT 0.00 FT. MAX GH 7.36 FT. AT 0545 12-JUL-1995



ROARING FORK RIVER BASIN

09077200 FRYING PAN RIVER NEAR IVANHOE LAKE, CO

**LOCATION.**--Lat 39°14'42", long 106°31'50", Unsurveyed Pitkin County, Hydrologic Unit 14010004, on left bank 100 ft downstream from diversion dam, 2.0 mi southwest of Ivanhoe Lake, and 9.1 mi southeast of Norrie, Co.

**DRAINAGE AREA.**--18.7 mi<sup>2</sup>.

**GAGE.**-- Graphic water-stage recorder in wooden box on a 24 in corrugated metal well. Control is a 9.8 ft wide sharp crested concrete weir. Datum of gage is 9,945 ft from topographic map.

**REMARKS.**--Record good except for periods of no gage height which are poor. Record missing Oct. 5, 1994-May 9, 1995. Clock not working &/or no chart paper May 9-June 10,1995. Estimation made using historic records for this station and comparison with nearby station Chapman Gulch near Nast. Discovered inside tape was cut 4/94 to repair hole in float which accounts for increased flow readings 5/94-10/95. Transmountain diversions above station through Charles H. Boustead Tunnel made May 22 - Sept 18. Station maintained and records developed by Judy Sappington.

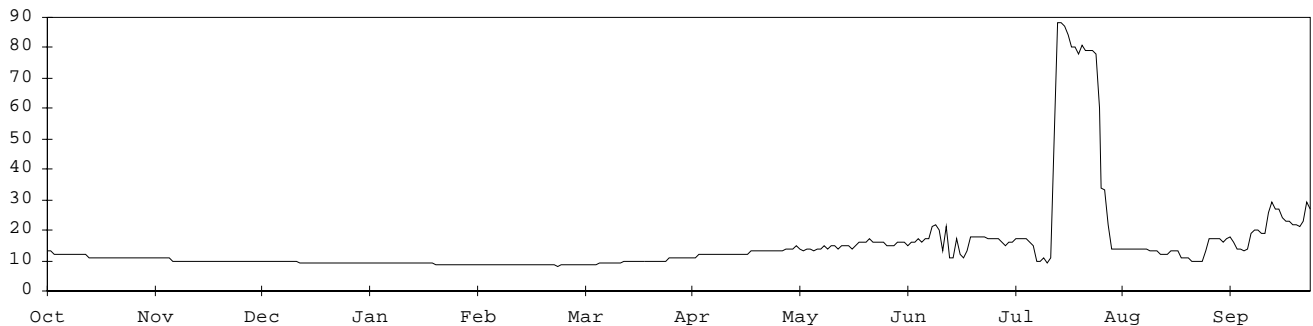
**RATING TABLE.**--FRYIVLCO08 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	11	9.7	9.0	8.7	8.4	11	13	15	17	34	17
2	13	11	9.7	9.0	8.7	8.4	11	14	15	17	33	17
3	12	11	9.7	9.0	8.7	8.4	11	14	16	16	22	17
4	12	11	9.7	9.0	8.4	8.4	11	14	16	15	14	17
5	12	11	9.7	9.0	8.4	8.4	11	15	16	16	14	16
6	12	10	9.7	9.0	8.4	8.4	11	14	15	16	14	17
7	12	10	9.7	9.0	8.4	8.4	12	13	16	17	14	18
8	12	10	9.7	9.0	8.4	8.4	12	14	16	17	14	16
9	12	10	9.7	9.0	8.4	9.0	12	14	17	17	14	14
10	12	10	9.7	9.0	8.4	9.0	12	13	16	17	14	14
11	12	10	9.7	9.0	8.4	9.0	12	14	17	16	14	13
12	12	10	9.7	9.0	8.4	9.0	12	14	17	15	14	14
13	11	10	9.4	9.0	8.4	9.0	12	15	21	10	14	19
14	11	10	9.4	9.0	8.4	9.0	12	14	22	10	14	20
15	11	10	9.4	9.0	8.4	9.0	12	15	20	11	13	20
16	11	10	9.4	9.0	8.4	9.7	12	15	13	9.4	13	19
17	11	10	9.4	9.0	8.4	9.7	12	14	21	11	13	19
18	11	10	9.4	9.0	8.4	9.7	12	15	11	51	12	26
19	11	10	9.4	9.0	8.4	9.7	12	15	11	88	12	29
20	11	10	9.4	9.0	8.4	9.7	12	15	17	88	12	27
21	11	9.7	9.4	8.7	8.4	9.7	12	14	12	87	13	27
22	11	9.7	9.4	8.7	8.4	9.7	13	15	11	84	13	24
23	11	9.7	9.4	8.7	8.4	9.7	13	16	13	80	13	23
24	11	9.7	9.4	8.7	8.4	9.7	13	16	18	80	11	23
25	11	9.7	9.4	8.7	8.1	9.7	13	16	18	78	11	22
26	11	9.7	9.4	8.7	8.4	9.7	13	17	18	81	11	22
27	11	9.7	9.4	8.7	8.4	9.7	13	16	18	79	10	21
28	11	9.7	9.4	8.7	8.4	9.7	13	16	18	79	10	23
29	11	9.7	9.4	8.7	---	11	13	16	17	79	10	29
30	11	9.7	9.0	8.7	---	11	13	16	17	78	9.7	27
31	11	---	9.0	8.7	---	11	---	15	---	60	13	---
TOTAL	355	302.0	294.2	275.7	235.8	289.3	363	457	488	1339.4	442.7	610
MEAN	11.5	10.1	9.49	8.89	8.42	9.33	12.1	14.7	16.3	43.2	14.3	20.3
AC-FT	704	599	584	547	468	574	720	906	968	2660	878	1210
MAX	13	11	9.7	9.0	8.7	11	13	17	22	88	34	29
MIN	11	9.7	9.0	8.7	8.1	8.4	11	13	11	9.4	9.7	13

CAL YR 1994 TOTAL 5767.3 MEAN 15.8 MAX 42 MIN 8.7 AC-FT 11440  
WTR YR 1995 TOTAL 5452.1 MEAN 14.9 MAX 88 MIN 8.1 AC-FT 10810

MAX DISCH 91.1 CFS AT 1300 20-JUL-1995 GH 2.00 FT. SHIFT +0.09 FT. MAX GH 2.00 FT. AT 1300 20-JUL-1995



ROARING FORK RIVER BASIN

09077610 IVANHOE CREEK NEAR NAST, CO

**LOCATION.**--Lat 39°17'13", long 106°33'31", unsurveyed, Pitkin County, Hydrologic Unit 14010004, on left bank 60 ft upstream from culvert under Nast Tunnel, 300 ft downstream from diversion dam, 2.3 mi east of Nast, and 5.8 mi southeast of Norrie, Co.

**DRAINAGE AREA.**--9.43 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder in wooden box on a 24 in. corrugated metal well. Control is 120° v-notch weir. Datum of gage is 9,980 ft from topographic map.

**REMARKS.**--Record good except for periods of no gage height which are poor. Well frozen Nov.13,1994-Jan 24, 1995. Clock stopped Jan 24-June 13, 1995. Estimation made using historic records for this station and comparison with nearby station Chapman Gulch near Nast. Transmountain diversions above station through Charles H. Boustead Tunnel made May 20-July 19, 1995. Station maintained and records developed by Judy Sappington.

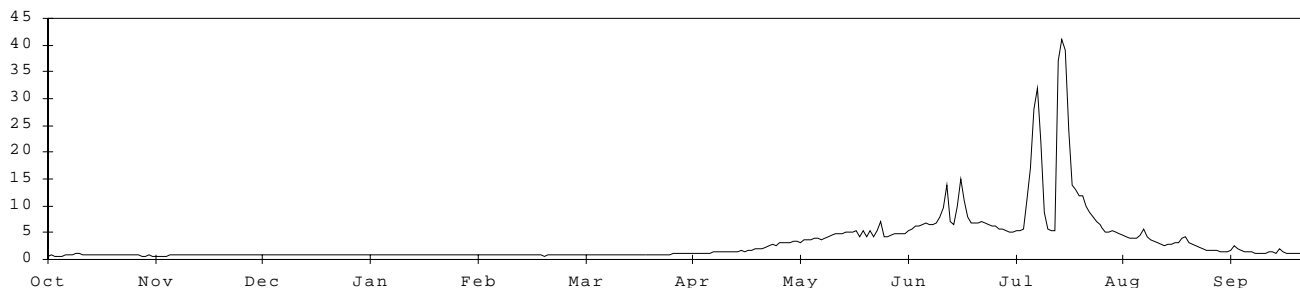
**RATING TABLE.**--IVCRNACO3 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.62	0.69	0.80	0.76	0.73	0.76	1.0	3.0	4.4	6.1	6.0	1.7
2	0.73	0.69	0.80	0.76	0.73	0.76	1.0	3.1	4.7	5.8	5.2	1.7
3	0.69	0.69	0.80	0.76	0.73	0.76	1.0	3.2	4.8	5.6	5.2	1.6
4	0.62	0.69	0.80	0.76	0.73	0.76	1.0	3.4	4.9	5.4	5.4	1.5
5	0.66	0.73	0.80	0.76	0.73	0.76	1.2	3.5	4.8	5.0	5.1	1.5
6	0.84	0.89	0.80	0.76	0.73	0.76	1.2	3.2	5.4	5.1	4.7	1.5
7	0.93	0.84	0.80	0.76	0.73	0.76	1.2	3.6	5.8	5.4	4.6	1.6
8	0.97	0.93	0.80	0.76	0.73	0.76	1.2	3.7	6.2	5.5	4.2	2.6
9	1.1	0.93	0.80	0.76	0.73	0.76	1.2	3.8	6.1	5.7	4.0	1.9
10	1.1	0.93	0.80	0.76	0.73	0.76	1.2	4.0	6.4	11	4.1	1.6
11	0.93	0.93	0.80	0.76	0.73	0.76	1.3	3.9	6.7	17	4.0	1.4
12	0.93	0.93	0.80	0.76	0.73	0.76	1.3	3.8	6.5	28	4.4	1.3
13	0.80	0.89	0.80	0.76	0.73	0.76	1.3	4.0	6.4	32	5.6	1.3
14	0.73	0.89	0.80	0.76	0.73	0.76	1.4	4.2	6.8	22	4.3	1.2
15	0.93	0.89	0.80	0.76	0.73	0.76	1.3	4.4	7.9	8.8	3.8	1.2
16	0.93	0.84	0.80	0.76	0.73	0.84	1.4	4.7	9.7	5.8	3.4	1.1
17	0.84	0.84	0.80	0.76	0.73	0.84	1.5	4.9	14	5.5	3.1	1.1
18	0.80	0.84	0.80	0.76	0.73	0.84	1.5	4.8	7.2	5.5	2.7	1.3
19	0.84	0.84	0.80	0.76	0.73	0.84	1.6	5.0	6.5	37	2.6	1.5
20	0.76	0.84	0.80	0.76	0.73	0.84	1.5	5.2	10	41	2.7	1.2
21	0.84	0.84	0.80	0.76	0.69	0.84	1.7	5.2	15	39	2.8	1.9
22	0.84	0.84	0.80	0.76	0.73	0.84	1.8	5.4	11	24	3.2	1.5
23	0.89	0.84	0.80	0.76	0.73	0.93	1.9	4.3	7.8	14	3.0	1.2
24	0.80	0.84	0.80	0.76	0.73	0.93	2.1	5.5	6.8	13	4.0	1.2
25	0.73	0.84	0.80	0.76	0.73	0.93	2.0	4.3	6.7	12	4.2	1.2
26	0.73	0.84	0.80	0.76	0.73	0.93	2.4	5.5	6.8	12	3.2	1.2
27	0.76	0.84	0.80	0.76	0.76	0.93	2.6	4.3	7.0	10	2.7	1.2
28	0.69	0.80	0.80	0.76	0.76	0.93	2.7	5.5	6.7	8.8	2.5	2.2
29	0.66	0.80	0.76	0.73	---	0.93	2.6	7.0	6.5	8.0	2.2	3.7
30	0.73	0.80	0.76	0.73	---	1.0	3.0	4.3	6.2	7.2	2.0	4.1
31	0.69	---	0.76	0.73	---	1.0	---	4.2	---	6.5	1.8	---
TOTAL	25.13	25.06	24.81	23.60	20.42	25.88	48.1	134.9	215.7	417.7	116.7	49.2
MEAN	0.81	0.84	0.80	0.76	0.73	0.83	1.60	4.35	7.19	13.5	3.76	1.64
AC-FT	50	50	49	47	41	51	95	268	428	829	231	98
MAX	1.1	0.93	0.80	0.76	0.76	1.0	3.0	7.0	15	41	6.0	4.1
MIN	0.62	0.69	0.76	0.73	0.69	0.76	1.0	3.0	4.4	5.0	1.8	1.1

CAL YR 1994 TOTAL 691.54 MEAN 1.89 MAX 5.9 MIN 0.29 AC-FT 1370  
WTR YR 1995 TOTAL 1127.20 MEAN 3.09 MAX 41 MIN 0.62 AC-FT 2240

MAX DISCH 41 CFS AT 1200 20-JUL-1995 GH 2.10 FT. SHIFT +0.12 FT. MAX GH 2.10 FT. AT 1200 20-JUL-1995



ROARING FORK RIVER BASIN

09077800 SOUTH FORK FRYING PAN RIVER AT UPPER STATION, NEAR NORRIE, CO

**LOCATION.**--Lat 39°14'20", long 106°35'24", Unsurveyed Pitkin County, Hydrologic Unit 14010004, on right bank 300 ft downstream from diversion dam, 5.2 mi upstream from mouth, and 7.2 mi southeast of Norrie, Co.

**DRAINAGE AREA.**--11.5 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder in metal box mounted on a 4 in steel pipe well. Control is 6.2 ft wide sharp crested concrete weir. Datum of gage is 9,990 ft from topographic map.

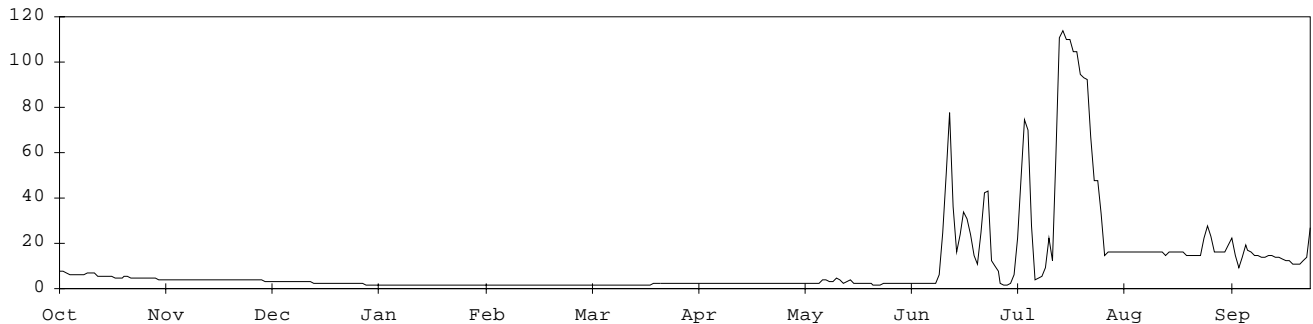
**REMARKS.**--Record good except for periods of no gage height which are poor. Well ice affected or frozen Oct 9, 1994-May 1, 1995. Clock stopped Jan 16-May 1, 1995. Estimation made using historic records for this station and comparison with nearby station Chapman Gulch near Nast. Transmountain diversions above station through Charles H. Boustead Tunnel made May 16-Sept 10. Station maintained and records developed by Judy Sappington.

**RATING TABLE.**--FRYSFU006 USED FROM 01-OCT-1994 TO 25-JUL-1995  
FRYSFU007 USED FROM 26-JUL-1995 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.8	4.2	3.3	1.9	1.6	1.3	2.2	2.3	2.2	7.5	15	23
2	7.6	4.2	3.3	1.9	1.6	1.3	2.2	2.3	2.2	2.4	16	16
3	6.7	4.2	3.3	1.9	1.6	1.2	2.2	2.3	2.2	1.9	16	16
4	6.4	4.2	3.3	1.9	1.6	1.3	2.2	2.2	2.3	1.9	16	16
5	6.0	3.9	3.3	1.9	1.6	1.3	2.2	2.2	2.3	2.3	16	16
6	6.2	3.7	3.3	1.9	1.6	1.3	2.2	2.2	2.5	6.4	16	19
7	6.2	3.9	3.1	1.9	1.6	1.3	2.2	2.3	2.3	2.2	16	22
8	6.2	3.7	3.1	1.9	1.6	1.3	2.2	2.3	2.3	4.9	16	15
9	6.9	3.9	3.1	1.9	1.6	1.3	2.2	2.5	2.2	7.5	16	8.9
10	7.1	4.0	3.1	1.9	1.6	1.3	2.2	2.6	2.2	7.0	16	14
11	6.7	3.9	3.1	1.9	1.6	1.6	2.2	3.5	2.2	2.8	16	19
12	5.6	3.9	3.1	1.8	1.6	1.6	2.2	3.7	2.3	4.2	16	17
13	5.4	3.9	3.1	1.8	1.6	1.6	2.2	3.3	2.3	5.0	16	16
14	5.2	3.9	2.6	1.8	1.5	1.6	2.2	3.3	6.0	5.4	16	15
15	5.6	3.9	2.6	1.8	1.5	1.6	2.2	4.4	2.5	8.9	16	15
16	5.4	3.7	2.6	1.8	1.5	1.6	2.2	4.0	5.1	2.2	16	14
17	4.4	3.7	2.6	1.8	1.5	1.9	2.0	2.0	7.8	1.2	16	14
18	5.0	3.7	2.6	1.8	1.5	1.9	2.3	3.1	3.6	5.8	16	15
19	5.0	3.7	2.5	1.8	1.5	1.9	2.3	3.5	1.6	1.1	15	15
20	5.2	3.7	2.5	1.8	1.5	1.9	2.3	2.2	2.4	1.1	16	14
21	5.2	3.7	2.3	1.8	1.5	1.9	2.3	2.2	3.4	1.1	16	14
22	5.0	3.7	2.3	1.8	1.5	1.9	2.3	2.2	3.1	1.1	16	13
23	5.0	3.7	2.3	1.8	1.5	2.0	2.3	2.2	2.4	1.0	16	12
24	5.0	3.5	2.2	1.8	1.5	2.0	2.3	2.2	1.5	1.0	16	12
25	4.8	3.5	2.2	1.8	1.5	2.0	2.3	2.2	1.1	1.0	15	11
26	4.8	3.5	2.2	1.8	1.3	2.0	2.3	1.9	2.5	1.0	15	11
27	4.8	3.5	2.2	1.8	1.3	2.0	2.3	1.6	4.2	1.0	15	11
28	4.4	3.5	2.0	1.8	1.3	2.2	2.3	1.9	4.3	1.0	15	12
29	4.4	3.5	1.9	1.6	---	2.2	2.3	2.2	1.2	1.0	15	14
30	4.2	3.3	1.9	1.6	---	2.2	2.3	2.2	9.8	1.0	22	27
31	4.2	---	1.9	1.6	---	2.2	---	2.0	---	1.0	28	---
TOTAL	172.4	113.3	82.9	56.3	42.7	52.7	67.1	79.0	512.3	1512.9	507	456.9
MEAN	5.56	3.78	2.67	1.82	1.52	1.70	2.24	2.55	17.1	48.8	16.4	15.2
AC-FT	342	225	164	112	85	105	133	157	1020	3000	1010	906
MAX	7.8	4.2	3.3	1.9	1.6	2.2	2.3	4.4	78	114	28	27
MIN	4.2	3.3	1.9	1.6	1.3	1.2	2.0	1.6	2.2	1.9	15	8.9
CAL YR 1994 TOTAL		2715.9	MEAN	7.44	MAX	62	MIN	1.9	AC-FT	5390		
WTR YR 1995 TOTAL		3655.5	MEAN	10.0	MAX	114	MIN	1.2	AC-FT	7250		

MAX DISCH 77.2 CFS AT 1900 09-JUL-1995 GH 4.80 FT. SHIFT +0.02 FT. MAX GH 4.80 FT. AT 1900 09-JUL-1995





ROARING FORK RIVER BASIN

09077945 CHAPMAN GULCH NEAR NAST, CO

**LOCATION.**--Lat 39°15'51", long 106°37'54", Unsurveyed Pitkin County, Hydrologic Unit 14010004, on right bank 700 ft downstream from Chapman diversion tunnel, 3.3 mi upstream from mouth, and 4.3 mi south of Norrie, Co.

**DRAINAGE AREA.**--5.96 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder contained in wooden box mounted on 30" metal pipe well. Control is 120° v-notch, sharp crested weir. Datum of gage is 9,982.76 ft.

**REMARKS.**--Record good except for periods of no gage height which are poor. Clock stopped Nov. 5, 1994-May 15, 1995 and May 25-June 13. Record missing July 1-7. Estimation made using NOAA's data for daily precipitation and temperature and historic records for this station. Transmountain diversions above station through Charles H. Boustead Tunnel made May 17-Sept 13, 1995. Station maintained and records developed by Judy Sappington.

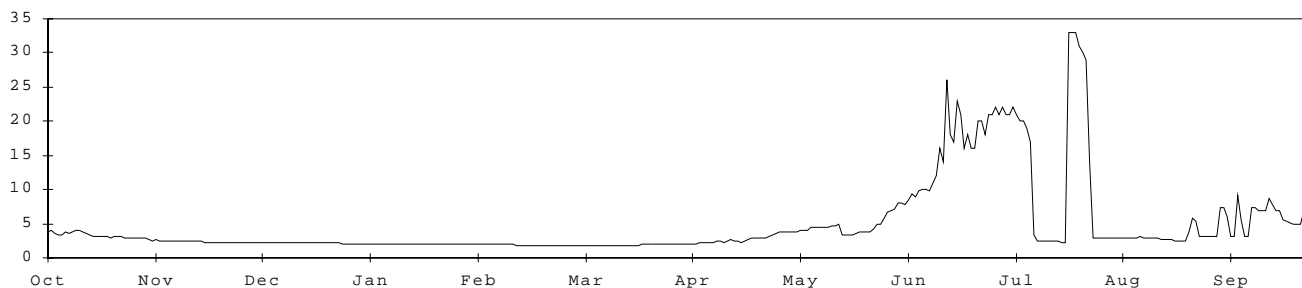
**RATING TABLE.**--CHAGULCO05 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.9	2.7	2.2	2.1	1.9	1.8	2.0	3.7	6.9	22	2.8	3.2
2	4.0	2.5	2.2	2.1	1.9	1.8	2.0	3.9	7.2	21	2.8	3.1
3	3.5	2.4	2.2	2.1	1.9	1.8	2.0	3.9	8.1	22	2.8	3.2
4	3.3	2.4	2.2	2.1	1.9	1.8	2.0	3.9	8.1	21	2.9	7.4
5	3.4	2.4	2.2	2.0	1.9	1.8	2.0	3.9	7.9	21	2.9	7.4
6	3.7	2.4	2.2	2.0	1.9	1.8	2.0	4.1	8.4	22	2.9	6.0
7	3.5	2.4	2.2	2.0	1.9	1.8	2.2	4.1	9.4	21	2.9	3.2
8	3.7	2.4	2.2	2.0	1.9	1.8	2.2	4.1	9.0	20	3.0	3.1
9	4.1	2.4	2.2	2.0	1.9	1.8	2.2	4.4	9.8	20	2.9	9.1
10	4.0	2.4	2.2	2.0	1.9	1.8	2.2	4.4	10	19	3.0	5.5
11	3.7	2.4	2.2	2.0	1.9	1.8	2.3	4.4	10	17	3.0	3.2
12	3.5	2.4	2.2	2.0	1.9	1.8	2.4	4.5	9.8	3.3	3.1	3.2
13	3.3	2.4	2.2	2.0	1.8	1.8	2.4	4.5	11	2.4	3.0	7.4
14	3.2	2.4	2.2	2.0	1.8	1.8	2.3	4.5	12	2.5	2.9	7.4
15	3.2	2.3	2.2	2.0	1.8	1.8	2.5	4.6	16	2.4	2.8	7.0
16	3.2	2.3	2.2	2.0	1.8	1.8	2.6	4.6	14	2.4	2.8	6.8
17	3.2	2.3	2.2	2.0	1.8	1.8	2.4	4.8	26	2.5	2.8	6.9
18	3.1	2.3	2.2	2.0	1.8	1.8	2.4	3.4	18	2.4	2.6	8.6
19	2.9	2.3	2.2	2.0	1.8	1.8	2.3	3.4	17	2.5	2.6	7.9
20	3.2	2.3	2.2	2.0	1.8	1.8	2.5	3.4	23	2.3	2.6	7.0
21	3.1	2.3	2.2	2.0	1.8	2.0	2.6	3.4	21	2.2	2.6	6.8
22	3.2	2.3	2.2	2.0	1.8	2.0	2.8	3.5	16	33	2.5	5.5
23	3.0	2.3	2.2	2.0	1.8	2.0	2.8	3.7	18	33	2.5	5.4
24	2.9	2.3	2.2	2.0	1.8	2.0	3.0	3.7	16	33	2.5	5.1
25	2.9	2.3	2.1	2.0	1.7	2.0	2.8	3.9	16	31	2.5	4.9
26	2.9	2.2	2.1	2.0	1.8	2.0	3.0	3.9	20	30	3.8	5.0
27	2.9	2.2	2.1	2.0	1.8	2.0	3.2	4.2	20	29	5.8	4.9
28	2.9	2.2	2.1	2.0	1.8	2.0	3.4	4.9	18	14	5.4	6.8
29	2.8	2.2	2.1	2.0	---	2.0	3.6	4.9	21	2.8	3.1	8.3
30	2.6	2.2	2.1	1.9	---	2.0	3.7	5.8	21	2.9	3.2	7.3
31	2.4	---	2.1	1.9	---	2.0	---	6.6	---	2.9	3.2	---
TOTAL	101.2	70.3	67.5	62.2	51.5	58.0	75.8	131.0	428.6	462.5	94.2	176.6
MEAN	3.26	2.34	2.18	2.01	1.84	1.87	2.53	4.23	14.3	14.9	3.04	5.89
AC-FT	201	139	134	123	102	115	150	260	850	917	187	350
MAX	4.1	2.7	2.2	2.1	1.9	2.0	3.7	6.6	26	33	5.8	9.1
MIN	2.4	2.2	2.1	1.9	1.7	1.8	2.0	3.4	6.9	2.2	2.5	3.1

CAL YR 1994 TOTAL 1546.0 MEAN 4.24 MAX 39 MIN 1.7 AC-FT 3070  
WTR YR 1995 TOTAL 1779.4 MEAN 4.88 MAX 33 MIN 1.7 AC-FT 3530

MAX DISCH 84 CFS AT 1700 09-JUL-1995 GH 3.55 FT. SHIFT +0.03 FT. MAX GH 3.55 FT. AT 1700 09-JUL-1995



ROARING FORK RIVER BASIN

09078500 NORTH FORK FRYING PAN RIVER NEAR NORRIE, CO

**LOCATION.**--Lat 39°20'34", long 106°39'55", in SE¼NW¼ sec. 21, T.8 S., R.83 W., Pitkin County, Hydrologic Unit 14010004, on left bank 800 ft upstream from bridge on county road, 0.4 mi upstream from mouth, 0.5 mi downstream from Last Chance Creek, and 1.3 mi northwest of Norrie, Co.

**DRAINAGE AREA.**--42 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder in 42-inch corrugated metal well. Control is natural channel. Datum of gage is 8,330 ft from topographic map.

**REMARKS.**--Record good except for periods of no gage height which are poor. Well frozen Nov. 17, 1994-April 26, 1995. Clock stopped March 15-May 31, 1995. Estimation made by comparison to nearby gage Frying Pan River near Thomasville and historic records for this station. Transmountain diversions above station made through Charles H. Boustead Tunnel. Station maintained and records developed by Judy Sappington.

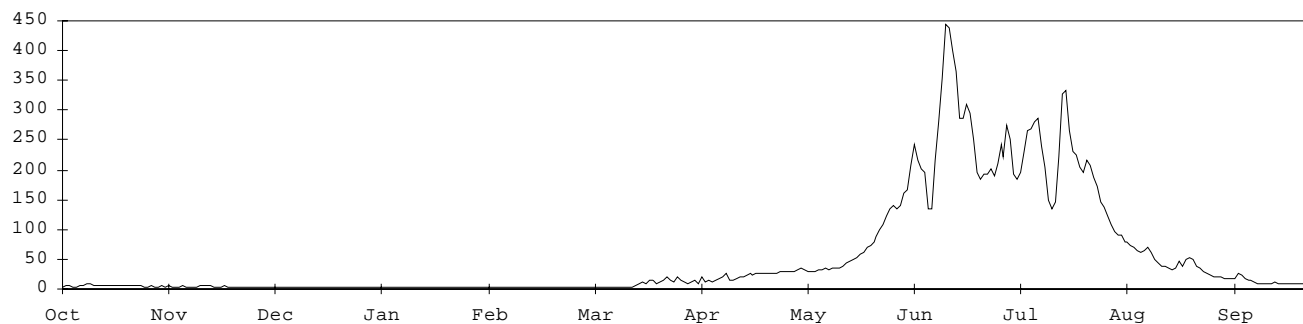
**RATING TABLE.**--FRYFNCO09 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.8	4.4	4.0	3.7	3.7	3.4	9.5	30	135	243	124	20
2	5.5	4.2	4.2	3.7	3.7	3.4	12	30	140	222	109	19
3	4.6	3.8	3.8	3.7	3.7	3.2	16	32	161	275	95	19
4	3.8	3.7	3.8	3.7	3.7	3.4	9.5	34	167	252	92	18
5	3.2	4.6	3.8	3.7	3.7	3.4	20	33	208	194	92	18
6	4.8	4.0	3.8	3.7	3.7	3.4	12	30	243	183	80	18
7	7.1	4.2	3.8	3.7	3.6	3.4	16	28	215	197	80	17
8	7.5	4.3	3.8	3.7	3.6	3.4	12	30	201	231	72	25
9	7.5	3.8	3.8	3.7	3.6	3.4	16	31	197	265	71	22
10	6.7	5.0	3.8	3.7	3.6	3.4	18	32	135	270	63	18
11	4.8	4.4	3.8	3.7	3.6	3.4	20	34	135	280	62	16
12	4.6	4.9	3.8	3.7	3.6	3.4	26	33	215	285	65	14
13	5.5	4.4	3.8	3.7	3.6	3.7	14	34	280	239	70	12
14	5.4	4.2	3.8	3.7	3.6	3.6	16	35	354	204	60	10
15	5.4	4.2	3.8	3.7	3.6	3.8	18	36	445	149	49	9.8
16	5.5	4.3	3.8	3.7	3.6	4.0	20	39	438	135	43	9.5
17	5.2	4.4	3.8	3.7	3.6	5.5	20	43	401	147	38	8.7
18	5.5	4.0	3.8	3.7	3.6	7.5	22	46	365	222	39	9.3
19	5.5	4.0	3.8	3.7	3.6	12	25	50	285	326	36	11
20	4.9	3.8	3.8	3.7	3.6	9.5	24	54	285	332	33	9.8
21	4.9	3.7	3.8	3.7	3.6	16	26	57	310	265	35	9.5
22	4.8	3.7	3.8	3.7	3.6	16	27	61	295	231	47	9.3
23	4.8	3.7	3.8	3.7	3.6	9.5	26	69	252	226	39	8.7
24	4.4	3.7	3.7	3.7	3.4	12	25	74	197	204	50	7.9
25	4.2	3.7	3.7	3.7	3.4	16	25	80	183	197	54	7.7
26	4.2	3.7	3.7	3.7	3.4	20	26	87	194	215	50	7.7
27	4.8	3.6	3.7	3.7	3.4	16	27	98	194	208	39	7.5
28	3.8	3.7	3.7	3.7	3.4	12	28	109	201	187	34	8.5
29	3.7	3.8	3.7	3.7	---	20	30	122	190	172	30	22
30	4.4	4.0	3.7	3.7	---	16	28	135	211	147	26	27
31	3.2	---	3.7	3.7	---	12	---	140	---	138	23	---
TOTAL	154.0	121.9	117.6	114.7	100.4	255.7	614.0	1746	7232	6841	1800	419.9
MEAN	4.97	4.06	3.79	3.70	3.59	8.25	20.5	56.3	241	221	58.1	14.0
AC-FT	305	242	233	228	199	507	1220	3460	14340	13570	3570	833
MAX	7.5	5.0	4.2	3.7	3.7	20	30	140	445	332	124	27
MIN	3.2	3.6	3.7	3.7	3.4	3.2	9.5	28	135	135	23	7.5

CAL YR 1994 TOTAL 8518.5 MEAN 23.3 MAX 144 MIN 1.5 AC-FT 16900  
WTR YR 1995 TOTAL 19517.2 MEAN 53.5 MAX 445 MIN 3.2 AC-FT 38710

MAX DISCH 608 CFS AT 0100 18-JUN-1995 GH 4.86 FT. SHIFT 0.00 FT. MAX GH 4.86 FT. AT 0100 18-JUN-1995



ROARING FORK RIVER BASIN

09078600 FRYING PAN RIVER NEAR THOMASVILLE, CO

**LOCATION.**--Lat 39°20'41", long 106°40'23", in NW¼NW¼ sec. 21, T.8 S., R.83 W., Pitkin County, Hydrologic Unit 14010004, on right bank 400 ft upstream from private bridge, 400 ft downstream from North Fork, 1.6 mi southeast of Thomasville, and 1.7 mi northwest of Norrie.

**DRAINAGE AREA.**--134 mi².

**GAGE.**--Water-stage recorder with satellite telemetry in 42-inch metal pipe shelter with supplemental outside staff gage. Control is a 100-ft. wide concrete dam 10 ft. below gage. Datum of gage is 8,210 ft above National Geodetic Vertical Datum of 1929.

**REMARKS.**--Record good except for estimating daily discharges Jan. 20-29 due to ice and Aug. 4-14, 1995 due to plugged inlets by using data from nearby gage, Frying Pan at Meredith. Transmountain diversions upstream from station to Arkansas River basin through Busk-Ivanhoe Tunnel since June 1925 and Charles H. Boustead tunnel since May 16, 1972. Station maintained and records developed by Judy Sappington.

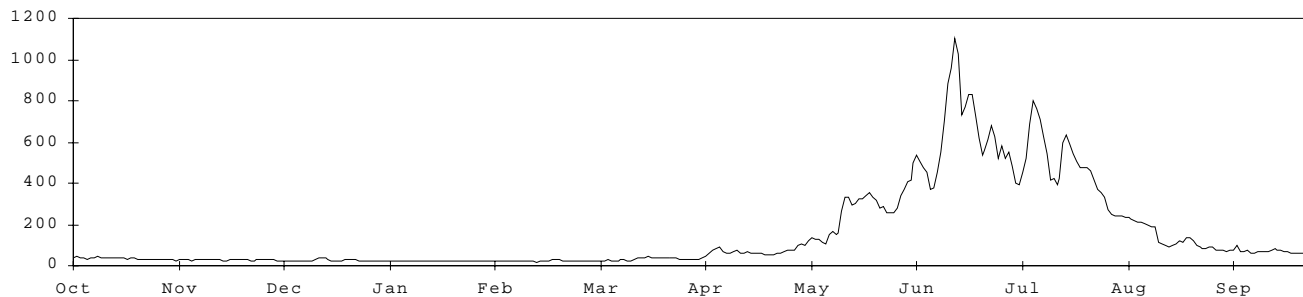
**RATING TABLE.**--FRYTHOCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	32	24	20	21	24	30	78	337	579	271	87
2	42	31	23	21	20	24	31	95	367	517	248	74
3	38	30	23	20	20	24	32	104	409	550	243	74
4	34	27	23	19	19	24	37	97	417	480	241	72
5	33	25	24	20	20	23	46	118	500	403	239	69
6	41	31	24	21	19	23	58	134	535	393	235	72
7	41	31	24	21	19	27	74	131	505	450	231	78
8	42	30	24	21	19	24	86	131	472	524	225	99
9	40	27	23	20	20	24	88	111	455	687	221	69
10	40	27	26	21	20	24	69	109	373	798	215	65
11	37	29	31	20	20	27	57	151	380	765	213	72
12	36	32	41	21	20	28	57	164	456	711	207	62
13	36	28	39	21	19	26	66	150	554	630	198	64
14	34	20	36	21	18	26	77	160	699	545	190	70
15	36	20	29	21	19	30	64	266	882	417	188	68
16	36	27	26	21	19	35	61	334	962	422	111	69
17	33	30	24	21	21	40	66	334	1100	392	102	67
18	35	29	22	21	25	41	63	294	1030	424	100	75
19	35	29	23	21	28	43	63	303	729	594	94	85
20	30	28	27	21	29	41	60	323	769	633	95	74
21	33	27	29	21	28	39	57	324	833	585	106	78
22	31	26	28	21	26	39	51	342	831	542	122	70
23	31	26	28	21	26	40	51	351	723	502	115	66
24	30	30	26	22	25	40	50	334	618	479	133	64
25	30	31	24	22	25	35	51	314	536	473	138	62
26	29	31	23	22	25	36	57	280	557	474	117	61
27	29	29	22	22	24	34	60	285	613	458	98	58
28	29	31	22	22	24	33	71	256	676	414	90	64
29	28	28	22	22	---	31	77	253	627	367	83	104
30	31	26	22	22	---	30	79	260	522	351	84	111
31	23	---	21	22	---	29	---	278	---	335	91	---
TOTAL	1061	848	803	652	618	964	1789	6864	18467	15894	5044	2203
MEAN	34.2	28.3	25.9	21.0	22.1	31.1	59.6	221	616	513	163	73.4
AC-FT	2100	1680	1590	1290	1230	1910	3550	13610	36630	31530	10000	4370
MAX	42	32	41	22	29	43	88	351	1100	798	271	111
MIN	23	20	21	19	18	23	30	78	337	335	83	58

CAL YR 1994 TOTAL 28699 MEAN 78.6 MAX 470 MIN 18 AC-FT 56920  
WTR YR 1995 TOTAL 55207 MEAN 151 MAX 1100 MIN 18 AC-FT 109500

MAX DISCH 1570 CFS AT 0045 18-JUN-1995 GH 4.58 FT. SHIFT -0.11 FT. MAX GH 4.58 FT. AT 0045 18-JUN-1995



ROARING FORK RIVER BASIN

09080100 FRYING PAN RIVER AT MEREDITH, CO

**LOCATION.**--Lat 39°21'45", long 106°43'55", in SE¼SE¼ sec. 11, T.8 S., R.84 W., Eagle County, Hydrologic Unit 14010004, on left bank at Meredith, 0.1 mi downstream from Waterbury Creek, and 0.7 mi downstream from Jakeman Creek.

**DRAINAGE AREA.**--191 mi².

**GAGE.**--Graphic water-stage recorder in a 42-inch corrugated metal well. Control is natural channel. Datum of gage is 7,780 ft from topographic map.

**REMARKS.**--Record good except for periods of ice affect, Nov 23-Dec 5, 1994 and Mar 7-14, 1995 and chart stopping, Dec 6, 1994-Feb 24, 1995 and Apr 27-Jun 1, 1995. Estimation made by comparison with Frying Pan River near Thomasville. Diversions are from irrigation above station along with transmountain diversions to Arkansas River basin through Busk-Ivanhoe and Charles H. Boustead Tunnels. Station maintained and records developed by Judy Sappington.

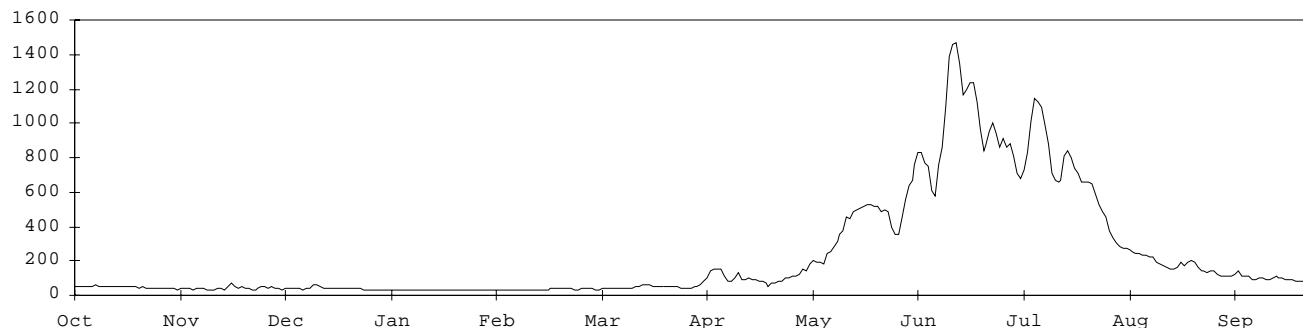
**RATING TABLE.**--FRYMERCO04 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51	40	35	33	33	36	47	115	456	915	371	137
2	55	41	36	32	33	36	53	125	552	856	332	120
3	54	41	36	33	33	35	65	150	639	876	306	116
4	48	37	37	34	33	35	82	140	668	806	284	114
5	48	29	36	34	33	39	103	185	764	704	276	114
6	55	41	36	34	33	36	145	200	830	674	270	114
7	57	38	35	33	33	36	147	190	830	734	260	120
8	52	40	37	34	33	36	148	190	770	830	252	142
9	52	35	45	33	33	41	147	180	746	1010	240	114
10	51	30	57	34	34	43	115	240	610	1140	238	108
11	51	35	56	33	32	43	80	250	582	1120	234	110
12	51	42	54	33	32	43	80	280	758	1090	232	95
13	51	38	43	33	32	42	97	310	862	988	226	95
14	49	28	42	34	32	45	135	350	1090	876	220	103
15	49	49	41	34	32	54	95	370	1390	705	196	97
16	51	70	37	34	32	55	87	451	1460	668	185	95
17	49	46	38	34	34	57	97	450	1470	656	170	92
18	51	42	41	34	37	60	90	490	1350	669	159	101
19	49	49	43	34	39	57	90	500	1160	812	153	114
20	44	40	42	34	41	54	86	510	1190	843	153	99
21	46	37	42	34	39	54	80	520	1240	795	159	103
22	42	34	40	34	38	55	70	525	1240	740	188	92
23	42	32	39	34	38	55	54	530	1120	704	176	90
24	40	45	39	35	38	50	69	521	960	663	191	87
25	40	47	34	35	32	54	71	512	843	656	206	82
26	40	46	34	35	32	49	80	490	869	662	188	82
27	38	45	34	35	36	47	86	500	954	645	162	78
28	38	47	34	35	36	45	98	485	1000	588	145	83
29	37	43	34	35	---	42	104	390	941	523	137	123
30	42	41	33	35	---	41	110	350	856	488	132	142
31	28	---	33	35	---	41	---	355	---	451	140	---
TOTAL	1451	1228	1223	1053	963	1416	2811	10854	28200	23887	6581	3162
MEAN	46.8	40.9	39.5	34.0	34.4	45.7	93.7	350	940	771	212	105
AC-FT	2880	2440	2430	2090	1910	2810	5580	21530	55930	47380	13050	6270
MAX	57	70	57	35	41	60	148	530	1470	1140	371	142
MIN	28	28	33	32	32	35	47	115	456	451	132	78

CAL YR 1994 TOTAL 37905 MEAN 104 MAX 588 MIN 28 AC-FT 75180  
WTR YR 1995 TOTAL 82829 MEAN 227 MAX 1470 MIN 28 AC-FT 164300

MAX DISCH 1580 CFS AT 0800 18-JUN-1995 GH 4.82 FT. SHIFT +0.10 FT. MAX GH 4.82 FT. AT 0800 18-JUN-1995



ROARING FORK RIVER BASIN

09080300 ROCKY FORK CREEK NEAR MEREDITH, CO

**LOCATION.**--Lat 39°21'42", long 106°49'12", in NW¼NW¼ sec. 18, T.8 S., R.84 W., Pitkin County, Hydrologic Unit 14010004 on right bank at upstream end of flume constructed to carry Rocky Fork Creek across spillway to auxiliary outlet of Ruedi Dam on Frying Pan River and 4.6 mi west of Meredith.

**DRAINAGE AREA.**--12.3 mi<sup>2</sup>.

**GAGE.**-- Graphic water-stage recorder in a 42 in corrugated metal well with satellite telemetry mounted on top of Ruedi Dam. Control is v-notch, sharp crested weir. Datum of gage is 7,494.50 ft.

**REMARKS.**--Record poor due to beaver dams Oct 1-Nov 1,1994; well frozen Dec 13, 1994-Feb 2, 1995; no record May 17-23, clock stopped May 25-31, and clock not working properly Jul 5-Sep 30, 1995. No correlation with satellite equipment made throughout year. Data for record obtained from USBR records at Meredith, CO. Station maintained and records developed by Judy Sappington.

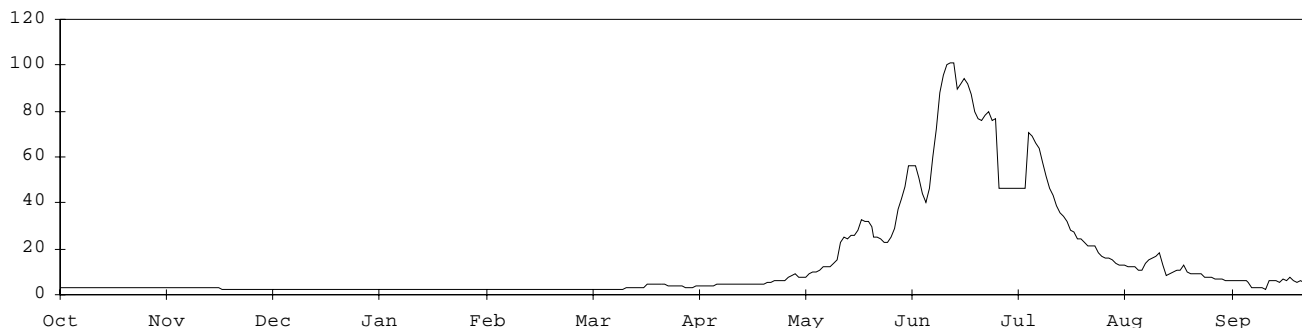
**RATING TABLE.**--RFCMERC001 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.4	2.9	2.5	2.4	2.1	2.2	3.4	7.4	29	46	16	7.4
2	3.4	2.8	2.5	2.4	2.2	2.2	3.1	8.1	37	46	16	6.8
3	3.4	2.8	2.5	2.4	2.2	2.2	3.0	8.8	42	46	15	6.9
4	3.4	2.7	2.5	2.4	2.2	2.2	3.6	7.8	47	46	14	6.5
5	3.4	2.7	2.5	2.4	2.2	2.2	3.6	7.8	56	46	13	6.3
6	3.4	2.7	2.4	2.4	2.2	2.5	3.6	7.8	56	46	13	6.2
7	3.4	2.7	2.4	2.4	2.2	2.5	3.6	8.8	56	46	13	6.2
8	3.4	2.7	2.4	2.4	2.2	2.5	3.6	9.5	51	46	12	6.2
9	3.4	2.7	2.4	2.4	2.2	2.5	3.6	9.5	44	46	12	6.2
10	3.4	2.7	2.4	2.4	2.2	2.5	4.3	11	40	71	12	6.0
11	3.4	2.7	2.4	2.4	2.2	2.5	4.3	12	46	69	11	6.0
12	3.4	2.7	2.4	2.4	2.2	2.5	4.3	12	60	66	11	5.0
13	3.4	2.7	2.4	2.4	2.2	2.5	4.3	12	72	64	14	2.8
14	3.4	2.7	2.4	2.4	2.2	2.5	4.3	14	88	58	15	2.8
15	3.4	2.7	2.4	2.4	2.2	2.8	4.5	15	96	52	16	2.8
16	3.4	2.7	2.4	2.4	2.2	3.2	4.5	23	100	46	17	2.8
17	3.4	2.5	2.4	2.2	2.2	3.2	4.5	25	101	43	18	2.1
18	3.4	2.5	2.4	2.1	2.2	3.2	4.5	24	101	39	13	5.7
19	3.4	2.5	2.4	2.1	2.2	3.4	4.5	26	90	36	8.7	5.7
20	3.4	2.5	2.4	2.1	2.2	3.2	4.5	26	92	34	9.1	5.7
21	3.4	2.5	2.4	2.1	2.2	4.7	4.5	28	94	32	9.5	5.6
22	3.4	2.5	2.4	2.1	2.2	4.5	4.5	33	92	28	11	6.8
23	3.4	2.5	2.4	2.1	2.2	4.3	4.5	32	87	27	11	6.0
24	3.4	2.5	2.4	2.1	2.2	4.3	4.5	32	80	24	13	7.8
25	3.4	2.5	2.4	2.1	2.2	4.3	5.2	30	77	24	10	6.2
26	3.4	2.5	2.4	2.1	2.2	4.3	5.5	25	76	23	9.2	5.4
27	3.4	2.5	2.4	2.1	2.2	4.0	5.7	25	78	21	9.1	6.0
28	3.4	2.5	2.4	2.1	2.2	4.0	5.7	24	80	21	9.3	5.4
29	3.4	2.5	2.4	2.1	---	4.0	5.7	23	76	21	8.8	5.5
30	3.4	2.5	2.4	2.1	---	3.8	5.7	23	77	18	7.4	5.5
31	3.4	---	2.4	2.1	---	3.8	---	25	---	17	7.7	---
TOTAL	105.4	78.6	74.9	70.0	61.5	98.5	131.1	575.5	2121	1248	374.8	166.3
MEAN	3.40	2.62	2.42	2.26	2.20	3.18	4.37	18.6	70.7	40.3	12.1	5.54
AC-FT	209	156	149	139	122	195	260	1140	4210	2480	743	330
MAX	3.4	2.9	2.5	2.4	2.2	4.7	5.7	33	101	71	18	7.8
MIN	3.4	2.5	2.4	2.1	2.1	2.2	3.0	7.4	29	17	7.4	2.1

CAL YR 1994 TOTAL 2919.0 MEAN 8.00 MAX 54 MIN 2.2 AC-FT 5790  
WTR YR 1995 TOTAL 5105.6 MEAN 14.0 MAX 101 MIN 2.1 AC-FT 10130

MAX DISCH 109 CFS AT 0040 18-JUN-1995 GH 1.84 FT. SHIFT -0.04 FT. MAX GH 1.84 FT. AT 0040 18-JUN-1995



YAMPA RIVER BASIN

WILLOW CREEK BELOW STEAMBOAT LAKE

LOCATION.--Lat 40°47'28", long 106°56'40", in sec. 29, T.10 N., R.85 W., in Routt County. 50 feet below the outlet of Steamboat Lake.

DRAINAGE AREA.--35.5 mi<sup>2</sup>.

GAGE.--Float driven satellite telemetry. Approximate elevation of gage is 7950 feet.

REMARKS.--Record is complete & reliable after Dec. 22, 1994. Telemetry installed May 19, 1994. Unpublished records kept by DWR & Parks personnel starting in 1979. Records developed by Kent Holt.

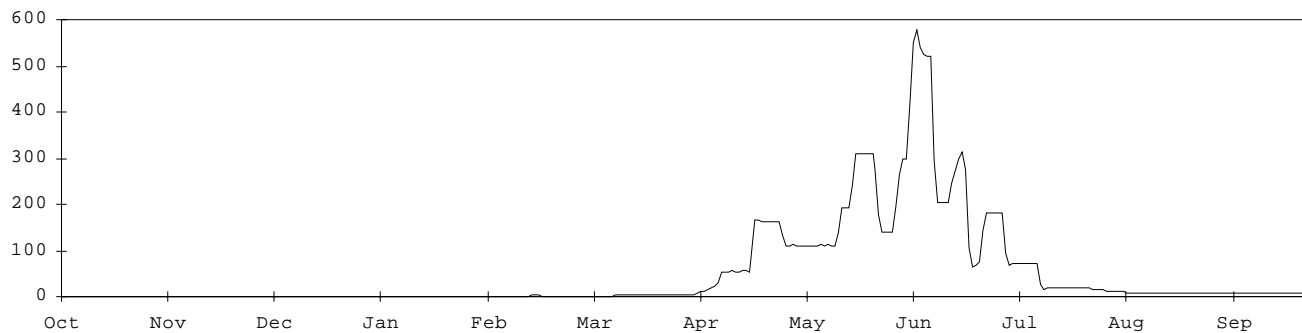
RATING TABLE.--WILBSLCO USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	1.4	1.4	1.4	1.7	1.5	3.7	108	195	181	13	6.2
2	1.4	1.4	1.4	1.4	1.8	1.5	4.2	112	266	181	13	6.2
3	1.4	1.4	1.4	1.4	1.7	1.4	5.5	111	298	95	12	6.2
4	1.4	1.4	1.4	1.4	1.8	1.6	7.2	109	298	69	11	6.2
5	1.4	1.4	1.4	1.4	1.7	1.7	10	111	414	70	10	6.2
6	1.4	1.4	1.4	1.4	1.6	1.7	13	111	550	70	10	6.2
7	1.4	1.4	1.4	1.4	1.6	1.7	15	111	578	71	9.4	6.2
8	1.4	1.4	1.4	1.4	1.4	1.7	18	109	538	71	8.9	6.3
9	1.4	1.4	1.4	1.4	1.5	1.7	21	111	523	71	8.1	6.3
10	1.4	1.4	1.4	1.4	1.5	1.7	31	113	519	71	7.7	6.3
11	1.4	1.4	1.4	1.4	1.5	2.0	54	111	519	71	7.7	6.3
12	1.4	1.4	1.4	1.4	1.5	2.0	53	114	293	70	7.4	6.3
13	1.4	1.4	1.4	1.4	1.6	2.1	54	111	203	28	7.4	6.3
14	1.4	1.4	1.4	1.4	1.8	2.1	55	111	203	16	7.0	6.7
15	1.4	1.4	1.4	1.4	2.0	2.3	54	140	203	18	6.7	6.7
16	1.4	1.4	1.4	1.4	2.0	2.6	53	194	205	18	6.4	6.7
17	1.4	1.4	1.4	1.4	2.0	2.9	56	192	247	18	6.0	6.7
18	1.4	1.4	1.4	1.4	1.8	2.9	57	192	270	19	6.4	6.7
19	1.4	1.4	1.4	1.4	1.7	3.7	54	242	299	19	7.1	6.7
20	1.4	1.4	1.4	1.4	1.6	4.0	89	308	313	20	7.1	6.7
21	1.4	1.4	1.4	1.4	1.7	4.0	165	308	275	20	6.8	6.4
22	1.4	1.4	1.4	1.4	1.7	4.4	165	308	106	20	6.8	6.4
23	1.4	1.4	1.4	1.4	1.8	4.4	163	308	64	20	6.8	6.4
24	1.4	1.4	1.4	1.4	1.8	4.7	163	308	68	20	6.8	6.4
25	1.4	1.4	1.4	1.4	1.7	5.0	161	308	74	20	6.8	6.4
26	1.4	1.4	1.4	1.4	1.8	4.7	161	276	143	19	6.5	6.8
27	1.4	1.4	1.4	1.4	1.6	4.2	161	177	181	17	6.5	6.8
28	1.4	1.4	1.4	1.4	1.7	4.0	161	141	181	16	6.5	6.8
29	1.4	1.4	1.4	1.6	---	4.2	131	139	181	15	6.5	6.5
30	1.4	1.4	1.4	1.6	---	4.0	108	141	181	15	6.2	6.5
31	1.4	---	1.4	1.5	---	3.7	---	141	---	14	6.2	---
TOTAL	43.4	42.0	43.4	43.9	47.6	90.1	2246.6	5376	8388	1443	244.7	193.5
MEAN	1.40	1.40	1.40	1.42	1.70	2.91	74.9	173	280	46.5	7.89	6.45
AC-FT	86	83	86	87	94	179	4460	10660	16640	2860	485	384
MAX	1.4	1.4	1.4	1.6	2.0	5.0	165	308	578	181	13	6.8
MIN	1.4	1.4	1.4	1.4	1.4	1.4	3.7	108	64	14	6.0	6.2

CAL YR 1994 TOTAL 6610 MEAN 18.1 MAX 247 MIN .06 AC-FT 13100  
WTR YR 1995 TOTAL 18202.2 MEAN 49.9 MAX 578 MIN 1.4 AC-FT 36100

MAX DISCH 616 CFS AT 1200 06-JUN-1995 GH 3.94 FT. SHIFT -0.02 FT. MAX GH 3.94 FT. AT 1200 06-JUN-1995



NORTH PLATTE RIVER BASIN

MICHIGAN RIVER NEAR GOULD

LOCATION.--Lat 40°34'40", long 106°03'30", in sec. 17, T.7 N., R.77 W., in Jackson County, on bridge pier 200 feet downstream from Squibbob ditch.

DRAINAGE AREA.--90 mi<sup>2</sup>.

GAGE.--Float driven satellite telemetry. Approximate elevation of gage is 8640 feet.

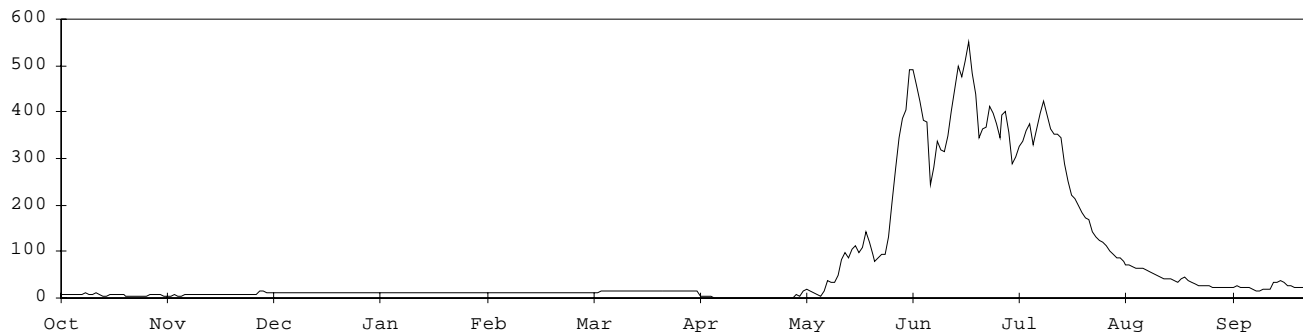
REMARKS.--Record is complete & reliable Oct. 1-Nov. 6, 1994, Apr. 27-Jun. 15, and Jul. 11- Sep. 17, 1995. Flood discharges estimated for period of Jun. 15-Jul. 10, 1995 (equipment flooded). Stilling well removed Sep. 19 for bridge replacement. Records developed by Kent Holt.

RATING TABLE.--MICGOUUCO1 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.0	5.6	13	11	12	13	16	1.3	277	346	113	24
2	7.4	5.6	13	11	12	13	16	1.7	346	392	101	23
3	8.0	6.0	13	11	12	13	16	5.8	386	401	93	23
4	7.4	5.6	13	11	12	13	16	4.6	406	357	88	22
5	7.4	4.7	13	11	12	13	2.0	15	493	290	85	21
6	9.0	6.5	13	11	12	13	2.0	20	491	304	80	24
7	9.0	6.0	13	11	12	14	1.9	15	459	325	72	23
8	9.6	6.0	12	11	12	14	1.9	11	423	338	70	26
9	8.5	6.0	12	11	12	14	1.8	6.5	383	360	69	24
10	8.5	6.0	12	11	12	14	1.8	4.8	380	374	64	22
11	11	6.0	12	11	12	14	1.7	15	244	331	63	22
12	8.5	6.0	12	11	12	14	1.7	37	281	365	64	22
13	3.6	6.0	12	11	12	14	1.6	34	336	398	61	20
14	4.7	6.0	12	11	12	14	1.6	35	319	423	57	16
15	6.0	6.0	12	12	12	14	1.5	47	314	394	54	16
16	8.0	6.0	12	12	12	14	1.5	83	350	362	48	19
17	7.0	6.0	12	12	13	14	1.4	98	400	352	45	19
18	6.5	6.0	12	12	13	14	1.4	87	450	353	42	19
19	6.5	6.0	12	12	13	15	1.4	105	500	346	40	34
20	4.3	6.0	12	12	13	15	1.3	113	475	290	40	32
21	4.7	6.0	12	12	13	15	1.3	97	510	251	37	37
22	5.1	6.0	12	12	13	15	1.2	109	550	221	33	33
23	4.7	6.0	12	12	13	15	1.2	141	485	215	41	28
24	4.3	6.0	12	12	13	15	1.1	121	437	199	44	25
25	4.3	6.0	12	12	13	15	1.1	94	346	182	37	24
26	5.6	6.0	11	12	13	15	1.0	77	365	173	32	22
27	7.0	6.0	11	12	13	15	0.98	86	369	168	29	22
28	7.0	14	11	12	13	15	1.0	93	413	144	28	21
29	7.0	14	11	12	---	16	0.81	95	398	133	27	24
30	7.4	13	11	12	---	16	1.3	132	375	124	27	31
31	5.1	---	11	12	---	16	---	206	---	119	26	---
TOTAL	210.1	201.0	373	358	348	444	101.49	1990.7	11961	9030	1710	718
MEAN	6.78	6.70	12.0	11.5	12.4	14.3	3.38	64.2	399	291	55.2	23.9
AC-FT	417	399	740	710	690	881	201	3950	23720	17910	3390	1420
MAX	11	14	13	12	13	16	16	206	550	423	113	37
MIN	3.6	4.7	11	11	12	13	0.81	1.3	244	119	26	16

WTR YR 1995 TOTAL 27445.29 MEAN 75.2 MAX 550 MIN 0.81 AC-FT 54440



NORTH PLATTE RIVER BASIN

ILLINOIS RIVER NEAR RAND

LOCATION.--Lat 40°27'45", long 106°10'30", in sec. 29, T.6 N., R.78 W., in Jackson County, on right upstream bridge abutment.

DRAINAGE AREA.--68 mi<sup>2</sup>.

GAGE.--Float driven satellite telemetry. Approximate elevation of gage is 8550 feet.

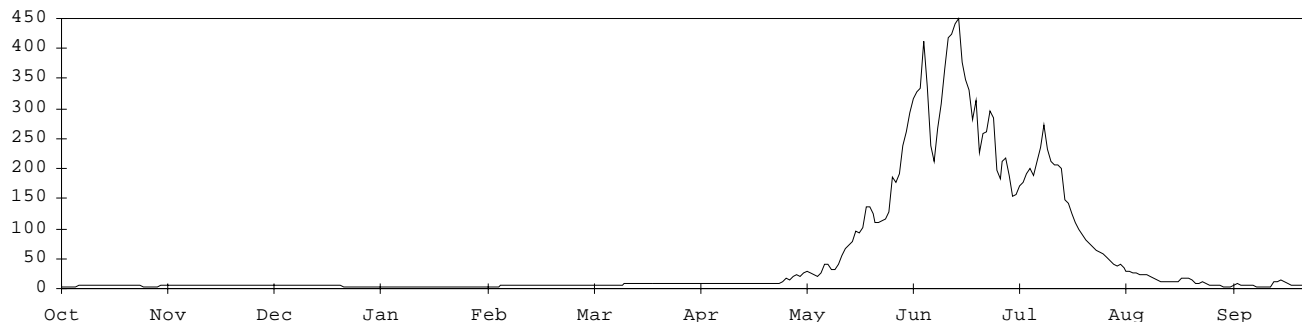
REMARKS.--Record is complete & reliable Oct. 1-Nov. 5, Apr. 28-Jun. 15, and after Jul. 27. Staff gage installed at current site & datum in 1981. Records developed by Kent Holt. Formerly published as Illinois Creek near Rand (1931-1940) at similar location.

RATING TABLE.--ILLRANCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.8	5.2	5.0	4.0	4.0	6.0	9.0	15	178	183	52	5.5
2	3.4	4.9	5.0	4.0	4.1	6.1	9.1	20	193	211	46	4.7
3	3.8	5.7	5.0	4.0	4.1	6.2	9.1	23	237	217	42	4.7
4	3.8	5.3	4.9	4.0	4.2	6.3	9.2	19	260	189	39	4.3
5	3.8	6.6	4.9	4.0	4.3	6.4	9.2	26	293	155	40	3.9
6	4.5	6.5	4.8	4.0	4.4	6.5	9.3	30	316	157	34	4.3
7	5.3	6.4	4.8	4.0	4.4	6.6	9.3	26	328	170	30	5.0
8	6.6	6.4	4.8	4.0	4.5	6.7	9.4	23	333	177	28	9.1
9	6.1	6.3	4.7	4.0	4.6	6.8	9.4	20	411	191	26	7.2
10	5.3	6.3	4.7	4.0	4.6	6.9	9.5	26	336	200	25	5.4
11	4.9	6.2	4.7	4.0	4.7	7.0	9.6	40	239	190	23	5.8
12	4.5	6.1	4.6	4.0	4.8	7.1	9.6	40	213	213	22	5.4
13	4.9	6.1	4.6	4.0	4.9	7.2	9.7	33	267	236	22	4.6
14	4.5	6.0	4.6	4.0	4.9	7.3	9.7	32	308	274	19	3.9
15	4.5	6.0	4.6	4.0	5.0	7.4	9.8	40	366	233	18	3.9
16	4.9	5.9	4.5	4.0	5.1	7.4	9.8	56	417	211	15	3.2
17	5.7	5.8	4.5	4.0	5.1	7.6	9.9	68	425	205	13	3.2
18	5.7	5.8	4.4	4.0	5.2	7.6	10	73	440	205	12	3.2
19	5.3	5.7	4.4	4.0	5.3	7.7	10	78	450	200	11	11
20	5.3	5.7	4.4	4.0	5.4	7.8	10	96	376	147	11	11
21	4.9	5.6	4.4	4.0	5.4	7.9	10	93	348	142	11	14
22	4.5	5.5	4.3	4.0	5.5	8.0	10	103	332	124	11	12
23	4.5	5.5	4.3	4.0	5.6	8.1	10	136	281	111	17	8.5
24	4.5	5.4	4.3	4.0	5.6	8.2	10	136	314	99	18	7.0
25	4.1	5.4	4.2	4.0	5.7	8.3	10	125	226	91	17	6.2
26	4.1	5.3	4.2	4.0	5.8	8.4	10	111	258	82	14	6.3
27	4.1	5.2	4.2	4.0	5.9	8.5	10	111	261	76	10	6.3
28	4.1	5.2	4.1	4.0	5.9	8.6	10	114	296	70	10	4.5
29	4.1	5.1	4.1	4.0	---	8.7	12	117	284	64	12	6.1
30	4.9	5.1	4.1	4.0	---	8.8	18	128	196	62	8.2	10
31	5.7	---	4.0	4.0	---	8.9	---	187	---	59	6.3	---
TOTAL	145.1	172.2	140.1	124.0	139.0	231.0	300.6	2145	9182	4944	662.5	190.2
MEAN	4.68	5.74	4.52	4.00	4.96	7.45	10.0	69.2	306	159	21.4	6.34
AC-FT	288	342	278	246	276	458	596	4250	18210	9810	1310	377
MAX	6.6	6.6	5.0	4.0	5.9	8.9	18	187	450	274	52	14
MIN	2.8	4.9	4.0	4.0	4.0	6.0	9.0	15	178	59	6.3	3.2

WTR YR 1995 TOTAL 18375.7 MEAN 50.3 MAX 450 MIN 2.8 AC-FT 36450





SAN JUAN RIVER BASIN

DOLORES TUNNEL OUTLET NEAR DOLORES, CO

LOCATION.--Lat 37°28'00", long 108°32'30", in SW¼SE¼ sec. 18, T. 37 N., R.15 W., NMPM, Montezuma County.

DRAINAGE AREA.--N/A

GAGE.--Satellite telemetry at a 15 foot Parshall flume.

REMARKS.--Records good. Station maintained by the Dolores Conservancy District and records developed by Scott D. Brinton.

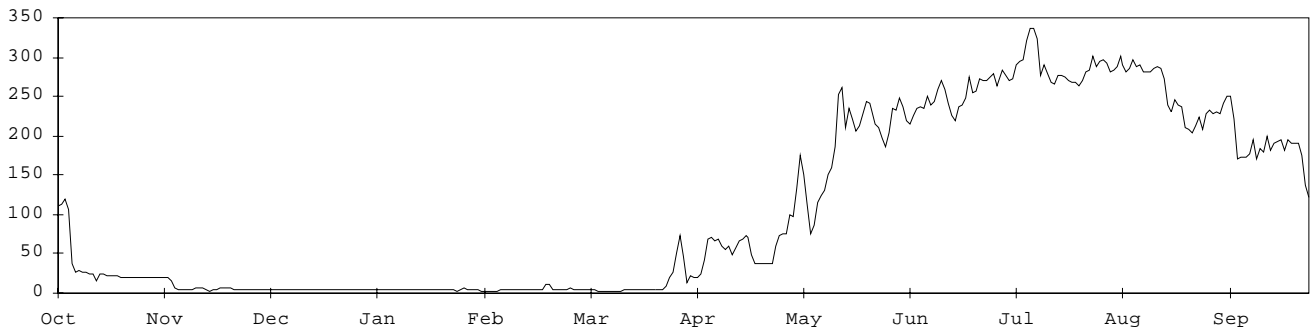
RATING TABLE.--DOLTUNCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	111	21	5.0	5.5	3.3	4.9	47	76	235	263	297	232
2	112	21	4.8	5.5	3.1	4.0	14	100	233	270	292	229
3	120	15	4.8	4.3	3.1	3.7	23	97	247	283	282	231
4	107	5.6	4.8	3.7	3.1	3.7	19	132	238	277	283	229
5	37	5.1	4.8	3.7	3.1	3.7	19	175	220	271	289	241
6	27	5.1	4.8	3.7	3.2	3.4	25	150	214	273	301	251
7	28	5.3	4.8	4.0	3.4	3.1	42	112	225	290	291	251
8	27	5.5	4.8	4.4	3.5	3.1	68	75	235	294	281	222
9	27	5.4	4.8	4.4	3.9	3.1	71	87	236	297	285	171
10	24	5.6	4.8	4.4	5.1	3.1	67	116	234	321	297	172
11	24	5.9	4.8	4.1	5.1	3.1	69	124	250	337	288	173
12	15	5.9	4.8	3.4	4.8	3.1	60	131	239	337	290	172
13	24	5.2	4.8	3.7	4.4	3.1	56	151	243	323	282	178
14	25	3.1	4.8	4.9	4.4	3.1	59	160	260	278	281	194
15	23	3.9	4.8	5.1	4.4	5.0	49	185	270	290	281	171
16	22	5.3	4.8	4.9	4.4	5.5	57	252	259	279	285	183
17	22	6.0	4.8	4.5	4.4	4.5	66	261	241	267	289	180
18	22	5.9	4.8	4.4	4.4	4.3	69	210	225	265	285	199
19	21	5.9	4.8	4.7	4.4	4.1	73	234	220	278	272	181
20	20	5.9	4.6	4.8	11	4.1	71	221	236	276	239	190
21	20	5.4	4.4	4.8	11	4.2	48	205	239	274	230	192
22	20	3.7	4.8	4.8	5.4	3.5	37	213	247	271	246	195
23	20	5.5	5.2	4.8	4.6	5.2	37	228	275	269	240	182
24	20	4.7	5.1	4.3	4.4	5.1	37	243	255	269	236	196
25	20	5.1	5.1	3.1	4.4	5.1	37	241	257	264	210	190
26	21	4.9	5.1	4.9	4.4	5.1	37	233	273	271	208	191
27	21	4.9	4.9	6.0	5.6	9.6	38	214	271	281	203	190
28	21	4.6	4.7	4.1	5.2	20	59	210	270	284	212	176
29	21	3.8	5.1	4.1	---	26	74	197	274	301	224	138
30	21	4.5	5.4	3.8	---	50	76	187	280	287	209	122
31	21	---	5.5	3.7	---	72	---	204	---	295	228	---
TOTAL	1064	194.7	151.3	136.5	131.5	281.5	1504	5424	7401	8835	8136	5822
MEAN	34.3	6.49	4.88	4.40	4.70	9.08	50.1	175	247	285	262	194
AC-FT	2110	386	300	271	261	558	2980	10760	14680	17520	16140	11550
MAX	120	21	5.5	6.0	11	72	76	261	280	337	301	251
MIN	15	3.1	4.4	3.1	3.1	3.1	14	75	214	263	203	122

CAL YR 1994 TOTAL 38981.6 MEAN 107 MAX 343 MIN 3.1 AC-FT 77320  
WTR YR 1995 TOTAL 39081.5 MEAN 107 MAX 337 MIN 3.1 AC-FT 77520

MAX DISCH 348 CFS AT 0700 13-JUL-1995 GH 2.96 FT. SHIFT 0.11 FT. MAX GH 2.96 FT. AT 0700 13-JUL-1995



SAN JUAN RIVER BASIN

LONE PINE CANAL BELOW GREAT CUT DIKE NEAR DOLORES, CO

LOCATION.--Lat 37°30'24", long 108°35'28", in NW¼SW¼ sec. 35, T.38 N., R.16 W., NMPM, Montezuma County.

DRAINAGE AREA.--N/A

GAGE.--Satellite telemetry at a 12 foot Parshall flume.

REMARKS.--Records good. Station maintained by the Dolores Conservancy District and records developed by Scott D. Brinton.

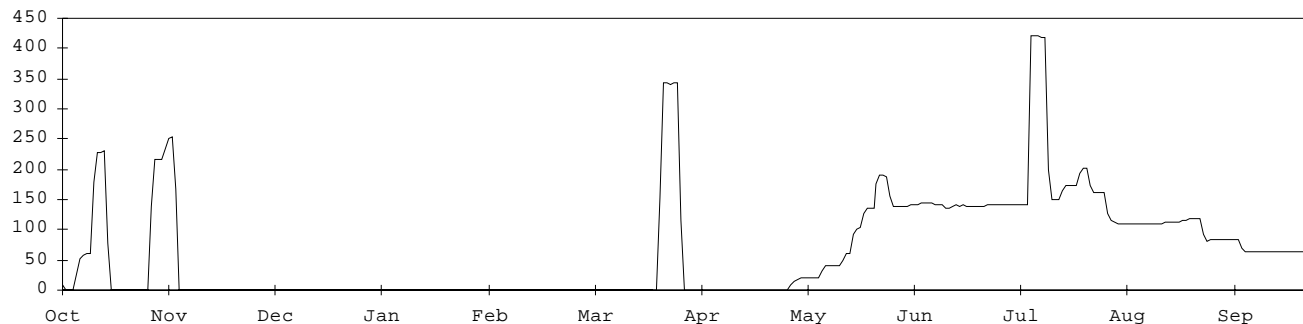
RATING TABLE.--MVIDIVCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.1	252	0.0	0.0	0.0	0.0	0.0	8.8	138	141	126	84
2	0.0	253	0.0	0.0	0.0	0.0	0.0	15	138	140	116	84
3	0.0	168	0.0	0.0	0.0	0.0	0.0	18	138	140	113	84
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	139	140	111	84
5	27	0.0	0.0	0.0	0.0	0.0	0.0	20	140	140	111	84
6	52	0.0	0.0	0.0	0.0	0.0	0.0	20	141	140	111	84
7	59	0.0	0.0	0.0	0.0	0.0	0.0	21	142	140	110	84
8	62	0.0	0.0	0.0	0.0	0.0	0.0	20	143	140	111	84
9	62	0.0	0.0	0.0	0.0	0.0	0.0	20	143	140	110	68
10	180	0.0	0.0	0.0	0.0	0.0	0.0	31	143	420	109	64
11	229	0.0	0.0	0.0	0.0	0.0	0.0	40	143	420	109	64
12	229	0.0	0.0	0.0	0.0	0.0	0.0	39	142	420	109	64
13	230	0.0	0.0	0.0	0.0	0.0	0.0	39	140	419	109	64
14	77	0.0	0.0	0.0	0.0	0.0	0.0	39	142	417	109	64
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39	137	199	110	64
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	137	150	110	64
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62	138	151	111	64
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62	140	151	112	63
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92	139	164	112	63
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102	140	172	112	63
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	104	139	172	112	63
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	126	139	172	112	63
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	135	139	172	115	63
24	0.0	0.0	0.0	0.0	0.0	154	0.0	136	139	194	116	63
25	0.0	0.0	0.0	0.0	0.0	342	0.0	135	139	202	118	63
26	0.0	0.0	0.0	0.0	0.0	342	0.0	177	139	202	118	63
27	139	0.0	0.0	0.0	0.0	341	0.0	190	140	172	119	63
28	215	0.0	0.0	0.0	0.0	342	0.0	189	140	162	117	63
29	215	0.0	0.0	0.0	---	342	0.0	188	140	162	91	63
30	216	0.0	0.0	0.0	---	114	0.0	157	140	161	82	63
31	233	---	0.0	0.0	---	0.0	---	139	---	161	84	---
TOTAL	2234.1	673	0.0	0.0	0.0	1977	0.0	2433.8	4197	6276	3415	2071
MEAN	72.1	22.4	0.0	0.0	0.0	63.8	0.0	78.5	140	202	110	69.0
AC-FT	4430	1330	0.0	0.0	0.0	3920	0.0	4830	8320	12450	6770	4110
MAX	233	253	0.0	0.0	0.0	342	0.0	190	143	420	126	84
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	137	140	82	63

CAL YR 1994 TOTAL 23994.26 MEAN 65.7 MAX 474 MIN 0.00 AC-FT 47590  
WTR YR 1995 TOTAL 23276.9 MEAN 63.8 MAX 420 MIN 0.00 AC-FT 46170

MAX DISCH 428 CFS AT 1900 13-JUL-1995 GH 3.89 FT. SHIFT 0.10 FT. MAX GH 3.89 FT. AT 1900 13-JUL-1995



DOLORES RIVER BASIN

DOLORES RIVER BELOW MCPHEE RESERVOIR NEAR DOLORES, CO

LOCATION.--Lat 37°34'33", long 108°34'33", in SE¼SE¼ sec. 2, T.38 N., R.16 W., NMPM, Montezuma County.

DRAINAGE AREA.--550 mi².

GAGE.--Satellite telemetry and 15 foot Parshall flume with wing walls. Datum of gauge is 6,630 ft above National Geodetic Vertical Datum of 1929, from topographic map.

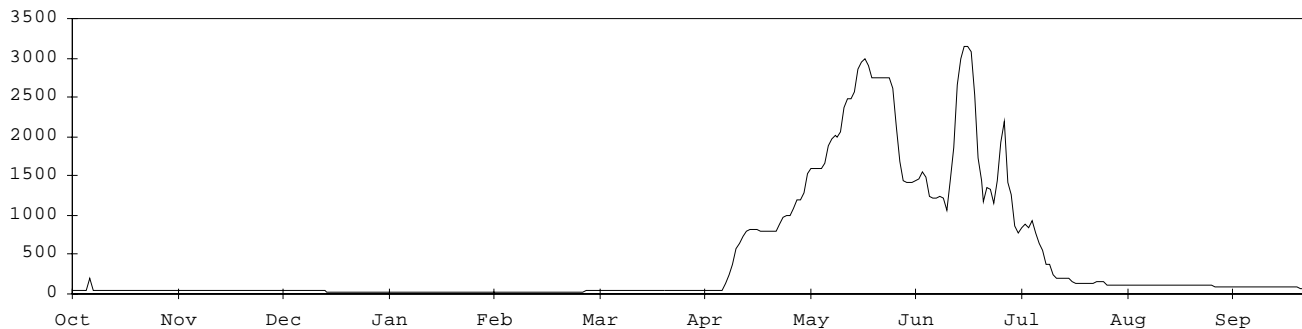
REMARKS.--Record is complete and reliable. Records good. Diversions for irrigation of up to 47,000 acres upstream of gage in the Dolores River basin and diversions for irrigation of up to 4700 acres in the San Juan River Basin. Flow regulated by McPhee Reservoir, capacity 381,000 acre-feet. Station maintained and records developed by Scott D. Brinton.

RATING TABLE.--DOLBMCCO03 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49	40	37	28	28	34	40	1090	1690	1930	104	100
2	40	40	34	28	28	36	40	1200	1430	2190	111	89
3	40	41	34	28	28	36	44	1200	1420	1410	112	89
4	40	40	34	28	28	36	49	1280	1420	1260	112	90
5	41	40	34	28	28	36	49	1520	1420	853	112	90
6	193	40	35	28	28	37	49	1590	1430	774	112	90
7	40	40	34	28	28	36	49	1590	1470	843	110	89
8	40	41	34	28	28	36	49	1590	1560	881	110	89
9	40	41	34	28	28	36	50	1590	1480	851	110	88
10	40	41	34	28	28	36	50	1660	1230	937	110	87
11	40	41	34	28	28	36	122	1880	1220	785	110	86
12	40	42	34	28	28	36	253	1970	1220	639	111	85
13	40	41	34	28	28	38	384	2010	1230	560	112	85
14	40	41	34	28	28	40	581	2000	1220	382	114	85
15	40	41	31	28	28	40	644	2070	1070	371	114	84
16	40	41	28	28	28	40	736	2370	1450	239	113	84
17	40	41	28	28	28	40	798	2480	1850	193	113	83
18	40	41	28	28	28	40	827	2480	2660	193	113	83
19	41	41	28	28	28	40	827	2570	2980	193	114	80
20	41	41	28	28	28	40	816	2850	3140	193	114	78
21	41	41	28	28	28	40	808	2950	3140	193	114	78
22	41	41	28	28	28	40	803	2990	3070	156	114	78
23	41	41	28	28	28	40	802	2900	2520	143	113	78
24	41	41	28	28	28	40	799	2750	1730	143	114	78
25	41	41	28	28	28	40	799	2750	1440	143	116	78
26	40	41	28	28	28	40	802	2750	1180	143	115	78
27	40	41	28	28	28	40	889	2750	1350	143	115	77
28	41	41	28	28	28	40	972	2750	1330	143	116	77
29	40	41	28	28	---	40	993	2750	1160	144	116	78
30	40	41	28	28	---	40	1000	2620	1450	144	116	77
31	40	---	28	28	---	40	---	2130	---	144	110	---
TOTAL	1411	1225	959	868	784	1189	15124	67080	50960	17316	3490	2511
MEAN	45.5	40.8	30.9	28.0	28.0	38.4	504	2164	1699	559	113	83.7
AC-FT	2800	2430	1900	1720	1560	2360	30000	133100	101100	34350	6920	4980
MAX	193	42	37	28	28	40	1000	2990	3140	2190	116	100
MIN	40	40	28	28	28	34	40	1090	1070	143	104	77
CAL YR 1994 TOTAL	66440		MEAN	182	MAX	1970	MIN	28	AC-FT	131800		
WTR YR 1995 TOTAL	162917		MEAN	446	MAX	3140	MIN	28	AC-FT	323100		

MAX DISCH 33126 CFS AT 1245 14-APR-1995 GH 23.10 FT. SHIFT -0.03 FT. MAX GH 23.10 FT. AT 1245 14-APR-1995



SAN JUAN RIVER BASIN

BLANCO DIVERSION NEAR PAGOSA SPRINGS, CO

LOCATION.--Lat 37°12'13", long 106°48'35", in NW¼NE¼ sec. 11, T.34 N., R.1 E., NMPM, Archuleta County.

DRAINAGE AREA.--N/A

GAGE.--Water-stage recorder with satellite telemetry in a concrete shelter and well at a 12 foot Parshall flume.

REMARKS.--Record good. Station maintained by the U.S.B.R. and records developed by Scott D. Brinton.

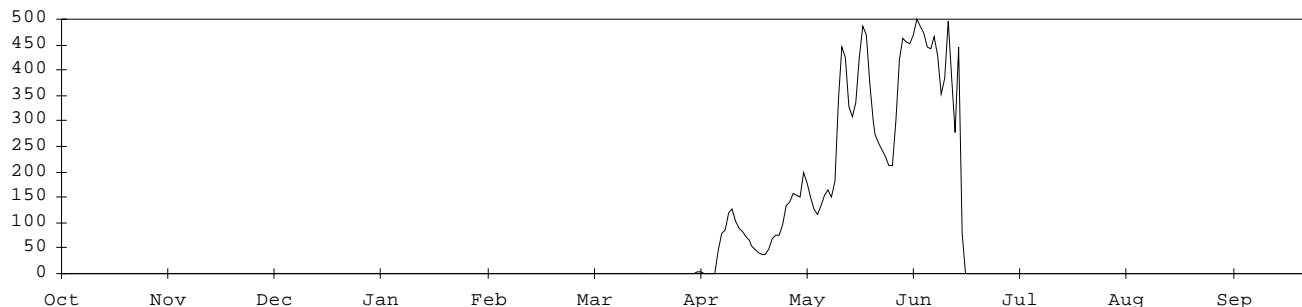
RATING TABLE.--BLADIVCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	139	300	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	157	421	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	1.0	155	462	0.03	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	3.9	152	454	0.0	0.08	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	1.8	197	452	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	1.6	177	470	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	1.6	150	500	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	1.6	128	485	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	1.5	116	472	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	45	132	446	0.02	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	80	155	442	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	86	163	465	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	120	149	429	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	128	182	353	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	102	342	383	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	88	446	495	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	82	424	386	0.03	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	71	328	279	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	64	307	444	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	54	336	78	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	48	423	1.7	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	42	486	0.80	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	37	468	0.52	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	37	374	0.54	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	49	303	0.53	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	70	274	0.49	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	75	258	0.48	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	75	244	0.43	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	97	229	0.48	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	132	212	0.15	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	213	---	0.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	1595.0	7819	8222.11	0.08	0.08	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	53.2	252	274	0.00	0.00	0.0
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	3160	15510	16310	0.16	0.17	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	132	486	500	0.03	0.08	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116	0.15	0.0	0.0	0.0

CAL YR 1994 TOTAL 14156.44 MEAN 38.8 MAX 465 MIN 0.00 AC-FT 28080  
WTR YR 1995 TOTAL 17636.28 MEAN 48.3 MAX 500 MIN 0.00 AC-FT 34980

MAX DISCH 517 CFS AT 1245 16-JUN-1995 GH 4.48 FT. SHIFT 0.00 FT. MAX GH 573.00 FT. AT 1645 06-SEP-1995



SAN JUAN RIVER BASIN

09343300 RIO BLANCO BELOW BLANCO DIVERSION DAM, NEAR PAGOSA SPRINGS, CO

**LOCATION.**--Lat 37°12'13", long 106°48'42", in NW¼ sec. 11, T.34 N., R.1 E., NMPM, Archuleta County, Hydrologic Unit 14080101, on left bank 250 ft downstream from Blanco Diversion Dam, 1.1 mi downstream from Leche Creek, and 12 mi southeast of Pagosa Springs.

**DRAINAGE AREA.**--69.1 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in a concrete shelter and well at a 4 ft. Parshall flume with supplemental outside gage. The DCP is the primary record. Datum of gage is 7,858.04 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Bureau of Reclamation).

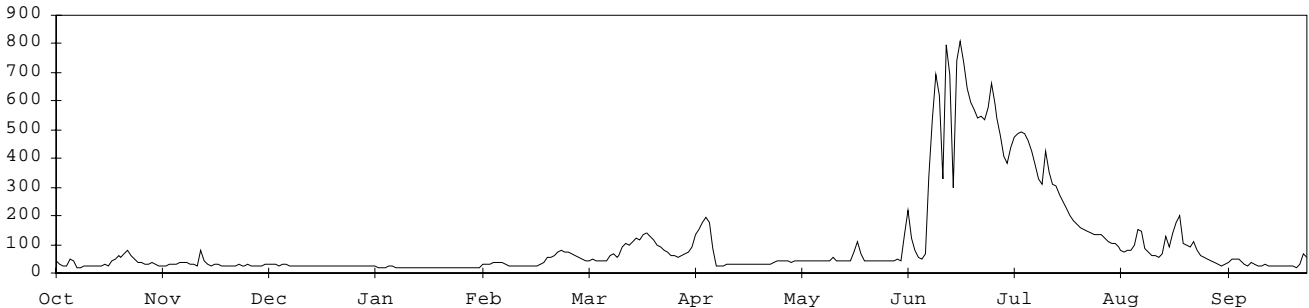
**REMARKS.**--Record is complete and reliable except for the following periods: Stage-discharge relationship affected by ice Nov. 24, 25 and 28; Dec. 1, 3, 9, 10, 15, 16 and 27-29, 1994; Jan. 2, 4, 7, 9-11, 14, 17-19, 23, 28 and 30, 1995. Record fair except for the winter period which is poor. Flows controlled by diversion dam upstream. Diversions are through the Blanco Diversion Tunnel into the Azotea Tunnel, as part of the U.S.B.R. San Juan-Chama project. Station maintained and records developed by Scott D. Brinton.

**RATING TABLE.**--RIOBLACO05 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	23	28	22	19	59	60	41	41	592	133	48
2	28	25	31	22	30	52	69	42	45	544	120	42
3	24	30	30	21	31	46	70	39	50	483	107	38
4	23	29	28	20	31	44	94	43	43	408	105	32
5	46	28	27	21	34	41	136	42	134	381	103	26
6	41	37	31	22	36	46	155	41	217	436	93	28
7	19	36	28	22	37	45	174	42	121	477	80	36
8	18	35	26	21	35	41	197	42	81	487	73	49
9	24	30	24	20	30	40	178	41	53	492	78	48
10	24	28	24	20	27	45	86	42	49	489	78	51
11	24	27	26	20	26	59	25	43	66	463	99	38
12	24	81	25	20	24	68	26	43	332	423	155	32
13	24	45	25	19	26	54	27	43	535	376	145	26
14	25	28	23	20	25	63	29	43	695	327	88	36
15	30	27	22	21	23	91	31	54	620	308	71	28
16	27	32	22	19	27	105	30	44	327	424	59	27
17	41	30	23	18	25	100	30	42	794	355	58	26
18	47	27	24	20	27	107	30	41	692	312	52	31
19	58	24	25	20	30	119	30	41	300	303	64	27
20	55	24	25	20	39	114	30	42	739	273	128	24
21	66	23	26	21	53	135	30	73	808	248	92	25
22	77	26	27	19	53	141	29	112	734	227	142	23
23	59	28	26	20	60	126	29	65	642	203	175	23
24	46	26	25	20	76	117	29	42	597	182	202	25
25	36	26	24	19	82	100	31	42	571	170	101	25
26	34	28	23	18	75	90	33	41	542	160	97	23
27	32	26	22	18	71	77	32	41	549	149	91	21
28	33	24	22	18	69	71	36	41	533	144	109	30
29	35	26	22	19	---	63	40	43	576	138	78	65
30	28	26	24	18	---	58	41	42	660	136	62	53
31	22	---	24	20	---	55	---	42	---	133	57	---
TOTAL	1112	905	782	618	1121	2372	1837	1435	12146	10243	3095	1006
MEAN	35.9	30.2	25.2	19.9	40.0	76.5	61.2	46.3	405	330	99.8	33.5
AC-FT	2210	1800	1550	1230	2220	4700	3640	2850	24090	20320	6140	2000
MAX	77	81	31	22	82	141	197	112	808	592	202	65
MIN	18	23	22	18	19	40	25	39	41	133	52	21
CAL YR 1994 TOTAL	26751		MEAN	73.3	MAX	739	MIN	10	AC-FT	53060		
WTR YR 1995 TOTAL	36672		MEAN	100	MAX	808	MIN	18	AC-FT	72740		

MAX DISCH 1754 CFS AT 2030 17-JUN-1995 GH 4.68 FT. SHIFT 0.05 FT. MAX GH 4.68 FT. AT 2030 17-JUN-1995



SAN JUAN RIVER BASIN

RIO BLANCO AT MOUTH NEAR TRUJILLO, CO

LOCATION.--Lat 37°07'40", long 107°02'03", in SW¼SE¼ sec. 2, T.33 N., R.2 W., NMPM, Archuleta County.

DRAINAGE AREA.--170 mi².

GAGE.--Water-stage recorder. Datum of gauge is 6640 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Record is complete and reliable except for the following periods: Stage-discharge relationship affected by ice Nov. 24, 25 and 28; Dec. 1, 3, 9, 10, 15, 16 and 27-29, 1994; Jan. 2, 4, 7, 9-11, 14, 17-19, 23, 28 and 30, 1995. Record fair except for the winter period which is poor. Flows controlled by diversion dam upstream. Diversions are through the Blanco Diversion Tunnel into the Azotea Tunnel, as part of the U.S.B.R. San Juan-Chama project. Station maintained and records developed by Scott D. Brinton.

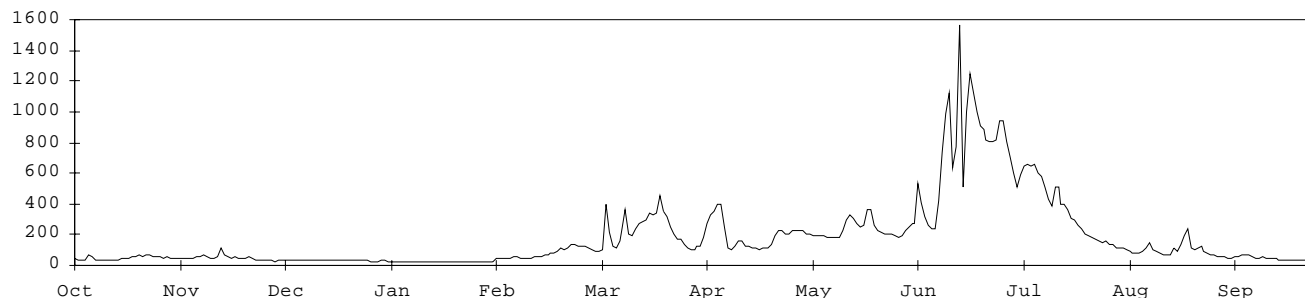
RATING TABLE.--RIOMOUUC03 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	40	36	27	27	115	104	225	189	938	134	64
2	33	40	39	27	40	104	123	232	225	802	138	58
3	32	45	38	26	43	95	127	222	255	707	113	54
4	33	48	36	25	43	92	176	204	272	604	108	53
5	72	45	35	26	48	97	269	200	269	509	108	48
6	53	56	39	27	45	395	326	196	532	586	98	45
7	39	59	36	27	53	213	350	194	410	646	92	53
8	37	63	34	26	55	123	397	190	318	658	80	62
9	36	55	32	25	50	108	392	188	266	652	85	67
10	35	51	32	25	48	154	255	184	242	658	77	68
11	33	49	34	25	50	225	117	181	238	604	93	65
12	31	60	32	25	50	360	106	187	420	574	119	54
13	29	110	32	24	54	201	127	184	743	514	149	48
14	37	67	30	25	55	189	163	176	988	435	100	48
15	48	53	29	26	58	235	154	222	1120	388	86	53
16	49	50	29	24	67	269	123	298	640	514	76	45
17	48	62	30	23	70	286	123	326	773	514	71	41
18	54	51	30	25	75	298	110	306	1570	397	67	42
19	62	49	31	25	75	346	117	276	514	392	67	42
20	67	49	31	25	89	334	106	248	994	358	119	36
21	62	53	32	26	115	338	108	258	1250	310	95	33
22	72	44	33	24	106	450	110	362	1120	298	140	34
23	71	37	32	25	113	354	110	362	1000	258	196	33
24	56	36	31	25	132	322	134	258	906	235	233	33
25	53	36	30	24	136	252	192	232	882	207	117	37
26	53	36	29	22	129	204	232	213	818	195	106	35
27	49	36	28	23	123	168	229	201	802	184	113	33
28	58	34	28	23	123	168	204	201	802	168	123	35
29	49	24	28	24	---	140	204	204	818	163	95	63
30	47	35	29	23	---	108	225	198	946	149	78	82
31	41	---	29	25	---	106	---	184	---	154	71	---
TOTAL	1481	1473	994	772	2072	6849	5513	7112	20322	13771	3347	1464
MEAN	47.8	49.1	32.1	24.9	74.0	221	184	229	677	444	108	48.8
AC-FT	2940	2920	1970	1530	4110	13580	10940	14110	40310	27310	6640	2900
MAX	72	110	39	27	136	450	397	362	1570	938	233	82
MIN	29	24	28	22	27	92	104	176	189	149	67	33

CAL YR 1994 TOTAL 39626 MEAN 109 MAX 800 MIN 10 AC-FT 78600  
WTR YR 1995 TOTAL 65170 MEAN 179 MAX 1570 MIN 22 AC-FT 129300

MAX DISCH 2500 CFS AT 0430 18-JUN-1995 GH 4.96 FT. SHIFT 0.09 FT. MAX GH 4.96 FT. AT 0430 18-JUN-1995



SAN JUAN RIVER BASIN

09344000 NAVAJO RIVER AT BANDED PEAK RANCH, NEAR CHROMO, CO

**LOCATION.**--Lat 37°05'07", long 106°41'20", in SE¼NW¼ sec. 24, T.33 N., R.2 E., NMPM, Archuleta County, Hydrologic Unit 14080101, on left bank at downstream side of private bridge on Banded Peak Ranch, 0.5 mi downstream from Cutthroat Creek, 2.8 mi downstream from East Fork of the Navajo River, and 11.2 mi northeast of Chromo, Co.

**DRAINAGE AREA.**--69.8 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in a 42-inch metal pipe shelter. The DCP is the primary record. Datum of gage is 7,939.3 ft above National Geodetic Vertical Datum of 1929 (river--profile survey).

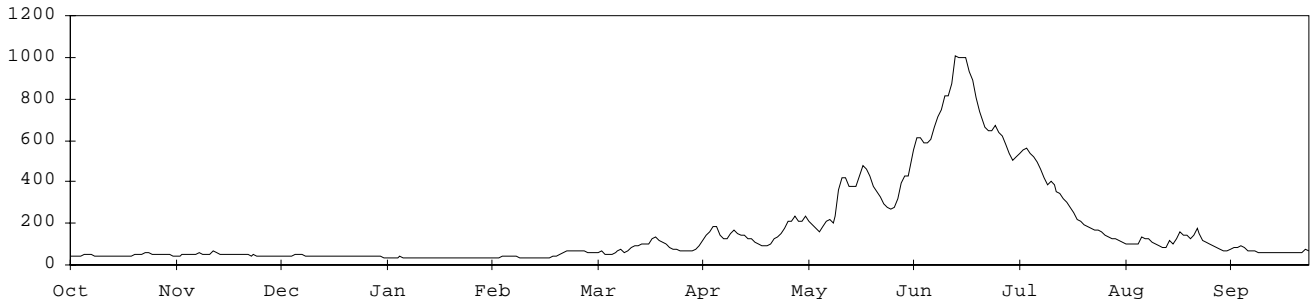
**REMARKS.**--Record is complete and reliable except for the following periods: Stage-discharge relationship affected by ice Feb. 21 and March 7-9, 1995. Float frozen in well Nov. 29, 1994 - Feb. 13, 1995. Inlets were covered by gravel Aug. 21-29 and Sept. 10-12, 1995. Station was reconstructed Oct. 11-13, 1994. Record fair except for the winter period and period of no gage-height record which is poor. Diversions for irrigation of about 450 acres upstream from station. Station maintained and records developed by Scott D. Brinton.

**RATING TABLE.**--NAVBANCO22 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	45	44	34	34	65	66	207	320	641	144	100
2	41	44	44	34	36	59	71	238	393	617	134	91
3	41	52	46	36	36	57	77	213	432	578	123	82
4	42	49	44	36	36	57	94	211	425	539	122	76
5	52	49	46	36	38	55	119	233	474	502	119	70
6	53	51	50	38	40	64	140	213	553	518	111	67
7	47	53	48	34	40	50	162	197	616	539	102	72
8	45	56	48	36	40	50	184	178	614	551	103	86
9	44	53	38	34	38	50	181	163	585	561	102	82
10	44	51	38	34	36	57	144	182	586	540	99	90
11	42	52	40	36	36	67	126	210	603	524	98	80
12	42	65	42	36	30	73	129	217	661	498	134	70
13	42	56	42	36	36	62	155	202	710	464	124	66
14	42	51	42	34	36	69	172	233	747	416	124	65
15	44	48	38	36	30	83	151	360	816	389	106	62
16	42	47	40	34	31	89	141	419	817	404	98	59
17	44	48	40	34	33	90	142	421	874	383	95	59
18	45	49	42	32	34	97	129	379	1010	355	85	59
19	46	48	42	32	36	103	124	377	1000	342	87	57
20	47	48	42	30	40	103	111	377	999	320	117	57
21	48	48	42	34	46	125	104	429	998	300	100	57
22	53	47	44	34	52	132	96	481	930	280	130	57
23	55	45	44	34	57	120	91	464	889	251	160	57
24	56	47	42	34	64	110	90	430	802	222	140	57
25	54	45	42	34	67	97	104	376	742	207	140	57
26	52	44	40	34	67	88	124	352	715	195	130	57
27	50	44	40	34	68	77	133	328	667	183	140	55
28	49	45	38	32	68	75	150	294	644	174	180	57
29	49	44	38	32	---	71	179	279	648	171	150	78
30	48	44	40	30	---	63	206	271	668	165	119	71
31	46	---	38	32	---	63	---	276	---	160	109	---
TOTAL	1450	1468	1304	1056	1205	2421	3895	9210	20938	11989	3725	2053
MEAN	46.8	48.9	42.1	34.1	43.0	78.1	130	297	698	387	120	68.4
AC-FT	2880	2910	2590	2090	2390	4800	7730	18270	41530	23780	7390	4070
MAX	56	65	50	38	68	132	206	481	1010	641	180	100
MIN	41	44	38	30	30	50	66	163	320	160	85	55
CAL YR 1994 TOTAL		46121	MEAN	126	MAX	676	MIN	20	AC-FT	91480		
WTR YR 1995 TOTAL		60714	MEAN	166	MAX	1010	MIN	30	AC-FT	120400		

MAX DISCH 1118 CFS AT 0015 21-JUN-1995 GH 3.81 FT. SHIFT 0.02 FT. MAX GH 3.81 FT. AT 0015 21-JUN-1995



SAN JUAN RIVER BASIN

OSO DIVERSION NEAR CHROMO, CO

LOCATION.--Lat 37°01'49", long 106°44'14", in NE¼NE¼ sec. 9, T.32 N., R.2 E., NMPM, Archuleta County.

DRAINAGE AREA.--N/A

GAGE.--Water-stage recorder with satellite telemetry in a concrete shelter at a 15 foot Parshall flume.

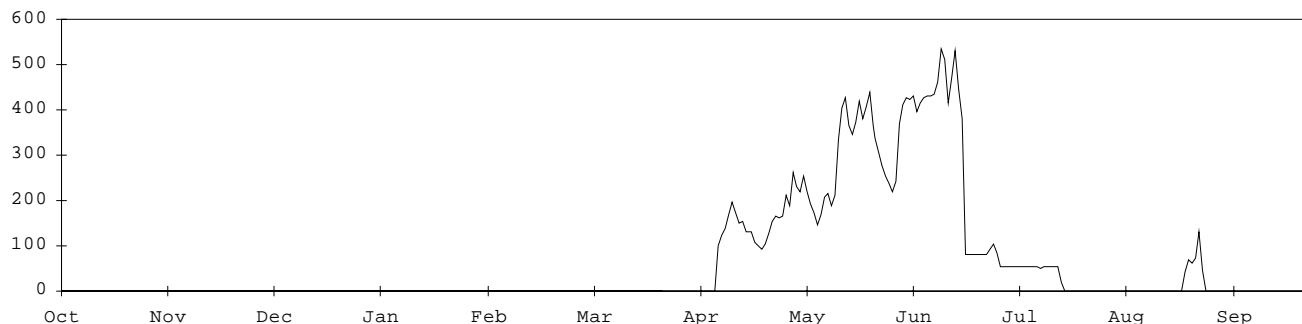
REMARKS.--Record good. Station maintained by U.S.B.R. and records developed by Scott D. Brinton.

RATING TABLE.--OSODIVCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	189	243	52	0.65	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	262	370	52	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	232	410	52	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	219	427	53	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	253	423	53	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	220	432	54	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	194	397	53	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	172	415	53	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	148	427	53	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	101	169	431	53	0.0	1.5
11	0.0	0.0	0.0	0.0	0.0	0.0	125	209	432	53	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	139	214	435	52	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	170	188	462	51	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	197	213	533	52	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	173	336	510	52	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	151	403	414	52	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	152	426	469	52	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	131	367	531	52	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	131	345	448	21	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	129	373	380	1.9	0.59	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	108	418	81	1.7	0.32	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	101	382	81	1.6	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	94	409	81	1.5	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	102	437	80	1.4	42	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	128	365	81	1.2	71	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	153	340	81	1.2	60	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	164	308	81	1.2	75	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	160	278	91	1.1	130	0.0
29	0.0	0.0	0.0	0.0	---	0.0	167	255	103	1.1	48	0.0
30	0.0	0.0	0.0	0.0	---	0.0	210	237	83	1.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	220	---	1.0	0.0	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	2986	8781	9432	980.9	427.56	1.5
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	99.5	283	314	31.6	13.8	0.05
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	5920	17420	18710	1950	848	3.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	210	437	533	54	130	1.5
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	148	80	1.0	0.0	0.0
CAL YR 1994 TOTAL	22314.53		MEAN	61.1	MAX	593	MIN	0.00	AC-FT	44260		
WTR YR 1995 TOTAL	22608.96		MEAN	61.9	MAX	533	MIN	0.00	AC-FT	44840		

MAX DISCH 626 CFS AT 2315 17-JUN-1995 GH 4.43 FT. SHIFT 0.00 FT. MAX GH 983.00 FT. AT 0215 03-FEB-1995





SAN JUAN RIVER BASIN

09344400 NAVAJO RIVER BELOW OSO DIVERSION DAM, NEAR CHROMO, CO

**LOCATION.**--Lat 37°01'49", long 106°44'14", in NE¼NW¼ sec. 9, T.32 N., R.2 E., NMPM, Archuleta County, Hydrologic Unit 14080101, on left bank 600 ft downstream from Oso Diversion Dam, 5.8 mi east of Chromo, and 6.1 mi upstream from Little Navajo River.

**DRAINAGE AREA.**--100.5 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in a concrete shelter with supplemental outside gage. Control is an 8-ft. Parshall flume set in a 60 ft. wide concrete structure that acts as a weir at high flows. The DCP is the primary record. Datum of gage is 7,665.30 ft above mean sea level.

**REMARKS.**--Flows controlled by diversion dam upstream of gage through the Oso Diversion Tunnel into the Azotea Tunnel, as part of the U.S.B.R. San Juan-Chama project. Record is complete and reliable except for the following periods: Stage-discharge relationship ice affected Nov. 29-30;; Dec. 16-17, 19-22, 1994; Jan. 19, 1995. Record good except for ice affected period, which is poor. Station maintained by U.S.B.R. Records developed by Scott D. Brinton.

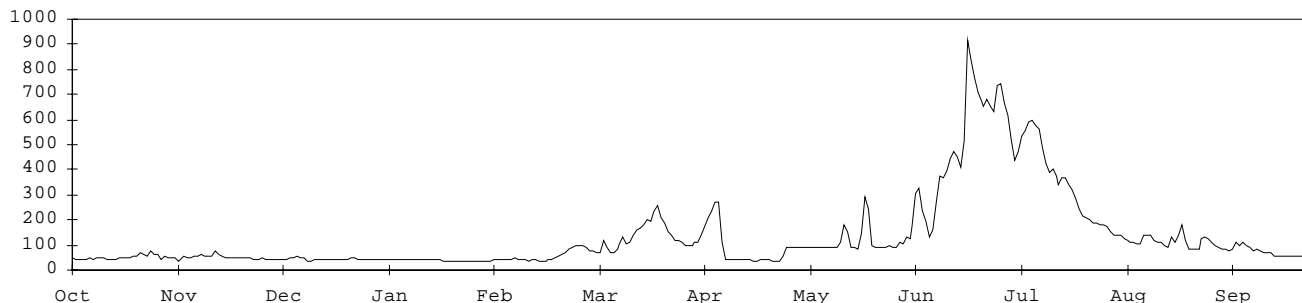
**RATING TABLE.**--NAVOSOCO03 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47	33	44	39	38	87	99	90	112	743	171	110
2	42	47	45	41	40	78	108	91	101	665	151	98
3	41	56	45	42	41	73	114	90	130	619	141	92
4	42	52	47	43	41	71	138	90	126	523	139	86
5	44	51	48	43	42	69	177	90	175	440	136	81
6	50	54	53	44	44	115	209	89	304	475	127	78
7	40	57	50	41	45	88	237	90	323	538	117	86
8	48	60	49	43	46	72	273	90	234	553	111	111
9	46	57	38	42	44	71	270	89	192	589	111	96
10	46	53	38	42	41	82	111	89	132	597	106	111
11	44	55	42	43	41	105	43	89	162	575	105	100
12	43	74	43	43	35	135	40	89	274	561	137	87
13	42	64	44	42	39	101	40	89	373	488	141	78
14	43	55	45	39	39	110	39	89	368	421	137	81
15	51	48	42	42	36	137	39	109	394	390	121	78
16	48	49	42	39	36	162	39	178	445	403	109	71
17	51	50	44	40	38	168	39	151	474	376	113	68
18	51	51	45	37	39	184	39	87	450	343	94	67
19	55	50	44	36	41	202	38	87	408	371	89	59
20	58	50	44	35	46	192	38	86	512	367	131	58
21	69	49	44	38	57	239	39	145	918	340	113	57
22	62	49	46	38	62	254	39	290	832	319	138	56
23	56	45	47	38	68	208	39	240	766	282	180	56
24	75	45	45	38	81	185	39	95	711	242	116	57
25	63	45	45	38	92	156	38	88	673	218	82	59
26	61	46	45	38	94	136	38	87	655	210	83	57
27	45	45	43	38	97	120	37	87	684	199	84	54
28	56	44	42	36	95	116	56	87	654	189	82	55
29	52	44	43	36	---	108	90	97	635	190	123	96
30	52	44	45	33	---	94	89	90	734	183	135	88
31	51	---	44	35	---	94	---	92	---	180	122	---
TOTAL	1574	1522	1381	1222	1458	4012	2634	3350	12951	12589	3745	2331
MEAN	50.8	50.7	44.5	39.4	52.1	129	87.8	108	432	406	121	77.7
AC-FT	3120	3020	2740	2420	2890	7960	5220	6640	25690	24970	7430	4620
MAX	75	74	53	44	97	254	273	290	918	743	180	111
MIN	40	33	38	33	35	69	37	86	101	180	82	54

CAL YR 1994 TOTAL 30334 MEAN 83.1 MAX 795 MIN 22 AC-FT 60170  
WTR YR 1995 TOTAL 48769 MEAN 134 MAX 918 MIN 33 AC-FT 96730

MAX DISCH 1083 CFS AT 0045 21-JUN-1995 GH 4.80 FT. SHIFT -0.13 FT. MAX GH 4.80 FT. AT 0045 21-JUN-1995



SAN JUAN RIVER BASIN

LITTLE OSO DIVERSION NEAR CHROMO, CO

LOCATION.--Lat 37°04'38", long 106°48'38", in SW¼SE¼ sec. 23, T.33 N., R.1 E., NMPM, Archuleta County.

DRAINAGE AREA.--N/A

GAGE.--Water-stage recorder with satellite telemetry in a concrete shelter and well at a 6 foot Parshall flume.

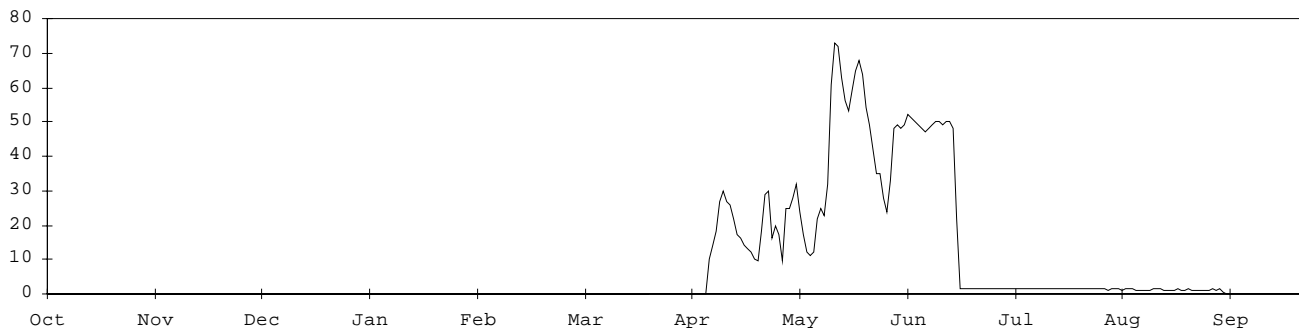
REMARKS.--Record good. Station maintained by the U.S.B.R. and records developed by Scott D. Brinton.

RATING TABLE.--LOSODVCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	33	1.3	1.3	1.2
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25	48	1.3	1.3	1.3
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25	49	1.3	1.2	1.2
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28	48	1.3	1.3	1.3
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32	49	1.3	1.3	0.70
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24	52	1.3	1.3	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17	51	1.3	1.2	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	50	1.3	1.3	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11	49	1.3	1.3	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	10	12	48	1.3	1.3	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	14	22	47	1.3	1.2	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	18	25	48	1.3	1.1	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	27	23	49	1.3	1.2	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	30	32	50	1.3	1.2	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	27	61	50	1.3	1.2	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	26	73	49	1.3	1.3	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	22	72	50	1.3	1.3	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	17	63	50	1.4	1.3	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	16	56	48	1.4	1.2	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	14	53	22	1.3	1.2	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	13	59	1.6	1.3	1.1	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	12	65	1.6	1.3	1.2	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	10	68	1.5	1.3	1.3	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	9.6	64	1.4	1.3	1.2	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	18	54	1.4	1.3	1.2	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	29	49	1.4	1.3	1.3	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	30	42	1.4	1.3	1.2	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	16	35	1.4	1.3	1.2	0.0
29	0.0	0.0	0.0	0.0	---	0.0	20	35	1.4	1.3	1.2	0.0
30	0.0	0.0	0.0	0.0	---	0.0	17	28	1.3	1.3	1.2	0.0
31	0.0	---	0.0	0.0	---	0.0	---	24	---	1.3	1.1	---
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	395.6	1198.6	954.4	40.5	38.2	5.70
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	13.2	38.7	31.8	1.31	1.23	0.19
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	785	2380	1890	80	76	11
MAX	0.0	0.0	0.0	0.0	0.0	0.0	30	73	52	1.4	1.3	1.3
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	1.3	1.3	1.1	0.0
CAL YR 1994 TOTAL	2529.69		MEAN	6.93	MAX	83	MIN	0.00	AC-FT	5020		
WTR YR 1995 TOTAL	2633.00		MEAN	7.21	MAX	73	MIN	0.00	AC-FT	5220		

MAX DISCH 1254 CFS AT 1745 28-SEP-1995 GH 15.50 FT. SHIFT 0.00 FT. MAX GH 15.50 FT. AT 1745 28-SEP-1995



SAN JUAN RIVER BASIN

FLORIDA RIVER ABOVE LEMON RESERVOIR NEAR DURANGO, CO

LOCATION.--Lat 37°25'40", long 107°40'39", in SW¼NE¼ sec. 31, T.37 N., R.7 W., NMPM, La Plata County.

DRAINAGE AREA.--51.3 mi<sup>2</sup>.

GAGE.--Water-stage recorder with satellite telemetry. Datum of gauge is 8,160 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Record is complete and reliable except for the following periods: Stage-discharge relationship affected by ice Nov. 23, 24, 27, 29 and 30; Dec. 9-12, 15-22, 27, 28 and 31, 1994; and Jan. 1-3, 7, 9, 10, 13, 14, 17-20, 22-24 and 28-31; Feb. 1-7, 9, 10 and 16-20; March 7-9 and 30-31, 1995. Recorder malfunctioned June 5 and 6, 1995. Records good except for estimated daily discharges which are poor. Diversions for irrigation of up to 80 acres upstream of gage. Station maintained and records developed by David A. Nelson, Frank J. Kugel and Scott D. Brinton.

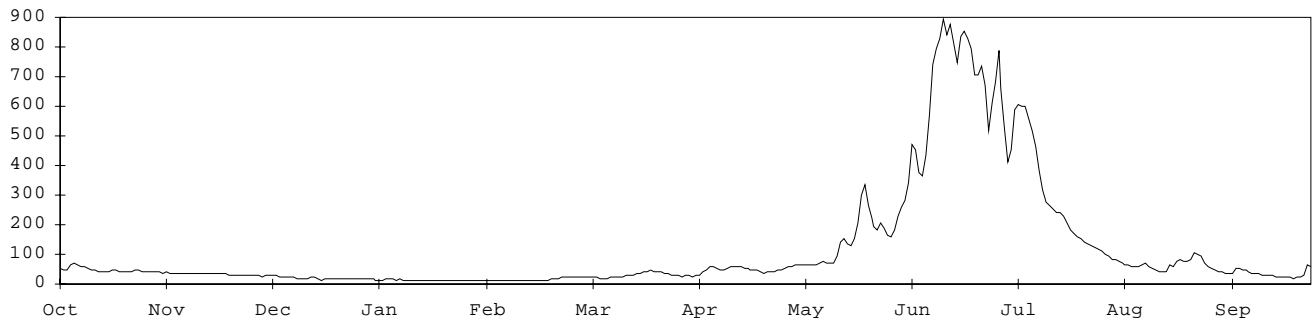
RATING TABLE.--FLOALECO04 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	39	29	14	13	22	28	58	184	788	100	53
2	50	38	28	14	13	22	27	60	228	656	92	50
3	47	33	28	14	13	22	26	62	259	531	85	44
4	62	38	26	15	13	22	28	64	283	411	80	39
5	70	37	26	16	13	21	32	67	343	453	76	37
6	65	37	26	15	13	23	39	66	470	590	70	34
7	61	36	26	14	13	20	46	66	453	608	64	35
8	57	37	25	15	14	18	56	64	378	598	62	53
9	53	35	18	14	13	20	61	64	363	599	60	53
10	50	34	16	14	14	22	54	70	436	560	59	50
11	47	35	18	14	14	24	49	75	570	515	57	47
12	44	34	20	14	14	24	48	73	740	465	64	40
13	41	35	22	14	14	24	53	72	794	381	73	36
14	42	34	21	13	14	25	58	70	830	319	60	34
15	40	35	16	14	13	29	59	92	897	276	52	36
16	45	35	14	13	12	31	58	140	840	263	49	32
17	46	34	16	13	12	32	57	150	877	251	44	29
18	43	33	16	12	13	33	53	133	814	243	41	29
19	43	32	16	12	13	37	52	131	748	242	40	27
20	42	32	16	13	14	39	49	152	836	229	66	25
21	41	32	16	14	15	42	46	205	853	204	59	24
22	43	30	16	13	17	45	45	299	831	184	76	23
23	45	30	17	12	18	44	42	338	792	169	85	21
24	45	30	17	12	21	43	38	264	703	157	74	21
25	43	30	17	13	22	40	40	221	707	150	77	20
26	42	29	17	13	22	36	42	194	733	142	85	21
27	41	28	16	13	22	35	44	185	671	135	105	22
28	42	30	16	12	22	32	46	203	517	130	98	32
29	43	26	16	12	---	31	50	187	610	123	93	64
30	42	28	16	12	---	28	55	167	682	116	72	56
31	38	---	16	12	---	26	---	157	---	109	60	---
TOTAL	1468	996	603	415	424	912	1381	4149	18442	10597	2178	1087
MEAN	47.4	33.2	19.5	13.4	15.1	29.4	46.0	134	615	342	70.3	36.2
AC-FT	2910	1980	1200	823	841	1810	2740	8230	36580	21020	4320	2160
MAX	70	39	29	16	22	45	61	338	897	788	105	64
MIN	38	26	14	12	12	18	26	58	184	109	40	20

CAL YR 1994 TOTAL 27078.8 MEAN 74.2 MAX 722 MIN 4.0 AC-FT 53710  
WTR YR 1995 TOTAL 42652 MEAN 117 MAX 897 MIN 12 AC-FT 84600

MAX DISCH 1090 CFS AT 2130 15-JUN-1995 GH 3.82 FT. SHIFT -0.07 FT. MAX GH 3.82 FT. AT 2130 15-JUN-1995



SAN JUAN RIVER BASIN

FLORIDA RIVER BELOW LEMON RESERVOIR NEAR DURANGO, CO

LOCATION.--Lat 37°22'50", long 107°39'43", in NE¼NW¼ sec. 20, T.36 N., R.7 W., NMPM, La Plata County.

DRAINAGE AREA.--69.1 mi<sup>2</sup>.

GAGE.--Water-stage recorder with satellite telemetry and a concrete control. Datum of gauge is 7,960 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Record is complete and reliable. Records good. Diversions for irrigation of up to 80 acres upstream of gage. Flow regulated by Lemon Reservoir, capacity 40,100 acre-feet. Station maintained and records developed by David A. Nelson, Frank J. Kugel and Scott D. Brinton.

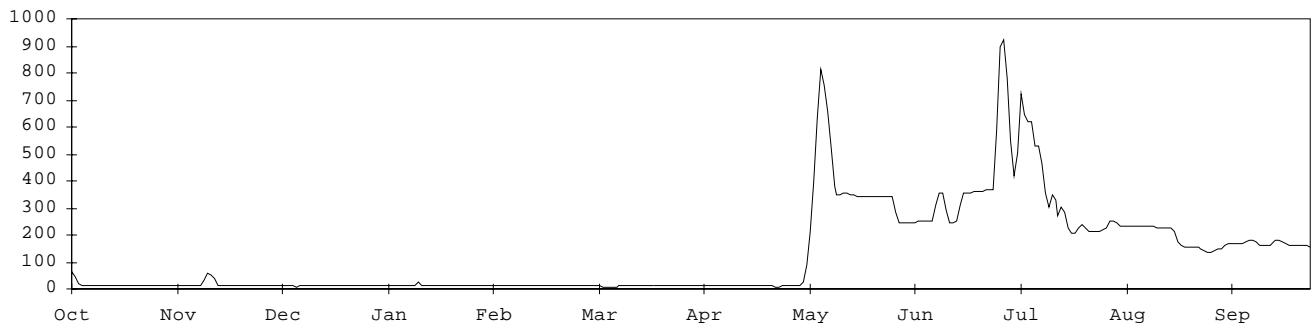
RATING TABLE.--FLOBLECO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67	11	10	11	11	12	11	10	244	900	228	133
2	44	11	10	11	11	11	10	10	244	922	252	139
3	21	11	10	11	11	11	10	10	245	779	251	150
4	11	11	11	11	11	11	11	28	246	546	242	150
5	11	11	11	11	11	11	11	92	246	422	233	159
6	11	11	9.3	11	11	6.5	11	213	247	501	233	168
7	11	11	10	11	11	5.9	11	403	249	720	232	170
8	11	11	10	11	11	5.9	11	632	250	646	232	170
9	11	31	11	11	11	5.9	10	815	251	622	232	170
10	11	58	10	11	11	7.6	10	757	252	622	232	170
11	11	53	11	23	11	10	11	656	253	531	232	177
12	11	38	11	11	11	11	11	524	312	528	232	182
13	11	10	10	11	11	11	11	380	355	463	232	181
14	11	10	10	11	11	11	11	349	357	357	232	173
15	11	10	10	11	11	11	11	348	288	306	232	164
16	11	10	10	11	11	11	11	355	246	350	228	164
17	11	10	10	11	11	11	11	354	248	328	224	164
18	11	10	11	11	11	11	11	349	250	273	224	164
19	11	10	11	11	11	11	11	346	307	304	223	176
20	11	10	11	11	11	11	11	345	353	283	223	182
21	11	10	11	11	11	11	11	345	354	224	213	182
22	11	10	11	11	12	11	11	344	356	206	177	177
23	11	10	11	11	12	11	11	345	359	206	161	165
24	11	10	11	11	12	10	11	345	360	226	158	164
25	11	10	11	11	12	10	11	344	361	236	155	164
26	11	10	11	11	12	10	6.6	344	363	224	155	164
27	11	10	11	11	12	10	8.1	344	365	216	155	164
28	11	10	11	11	12	10	10	343	366	216	155	164
29	11	10	11	11	---	10	10	343	367	216	147	159
30	11	10	11	11	---	10	10	342	588	216	144	155
31	11	---	11	11	---	10	---	284	---	217	137	---
TOTAL	440	448	328.3	353	315	309.8	315.7	10699	9282	12806	6406	4964
MEAN	14.2	14.9	10.6	11.4	11.3	9.99	10.5	345	309	413	207	165
AC-FT	873	889	651	700	625	614	626	21220	18410	25400	12710	9850
MAX	67	58	11	23	12	12	11	815	588	922	252	182
MIN	11	10	9.3	11	11	5.9	6.6	10	244	206	137	133

CAL YR 1994 TOTAL 32751.6 MEAN 89.7 MAX 902 MIN 6.6 AC-FT 64960  
WTR YR 1995 TOTAL 46666.8 MEAN 128 MAX 922 MIN 5.9 AC-FT 92560

MAX DISCH 935 CFS AT 0930 01-JUL-1995 GH 5.04 FT. SHIFT -0.10 FT. MAX GH 5.04 FT. AT 0930 01-JUL-1995



SAN JUAN RIVER BASIN

09357500 ANIMAS RIVER AT HOWARDSVILLE, CO

LOCATION.--Lat 37°49'59", long 107°35'56", in SE¼SE¼ sec. 2, T.41 N., R.7 W., NMPM, San Juan County.

DRAINAGE AREA.--55.9 mi<sup>2</sup>.

GAGE.--Water-stage recorder. Datum of gage is 9,616.98 ft above National Geodetic Vertical Datum of 1929. Prior to Aug. 18, 1939, at datum 1.00 ft. higher.

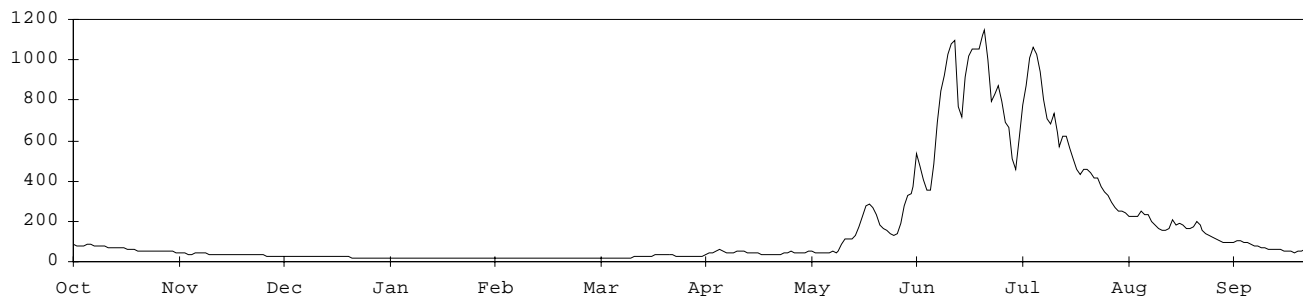
REMARKS.--Record is complete and reliable except for the following periods: : Stage-discharge relationship affected by ice Nov. 14-17, 23, 24 and 26-29; Dec. 2, 3, 9, 10, 12, 15-20, 22, 27, 28 and 31, 1994; Jan. 1-3, 10, 16-20, 22-24 and 28-30; Feb. 4-7, 10, 12 and 14-19; March 6-10, 27 and 30-31; April 1, 1995. Records good except for estimated daily discharges which are poor. Diversions for Mineral Point transmountain diversion upstream of gage. Station maintained by David A. Nelson and records developed by David A. Nelson and Scott D. Brinton.

RATING TABLE.--ANIHOWCO08 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85	42	28	20	17	19	27	45	192	793	325	120
2	80	42	27	19	18	19	27	47	279	688	292	109
3	77	39	27	19	18	19	27	46	325	665	268	102
4	82	34	27	19	18	19	29	47	340	507	252	98
5	85	35	26	19	18	18	34	54	375	459	249	93
6	85	39	26	19	18	18	41	48	532	614	238	93
7	82	41	25	19	18	18	45	47	477	776	221	96
8	80	45	25	19	18	18	54	43	405	871	225	102
9	75	41	25	19	18	18	57	43	351	1010	228	102
10	74	37	25	18	17	19	51	43	351	1060	228	98
11	73	35	24	18	16	19	45	47	483	1030	249	91
12	71	37	24	18	16	19	42	51	688	944	236	84
13	68	34	23	18	16	19	47	47	844	801	230	78
14	68	34	23	18	16	20	52	52	924	704	198	75
15	67	34	23	18	17	22	52	84	1030	681	184	71
16	66	34	23	18	17	24	48	113	1080	735	162	68
17	63	35	22	18	17	26	46	109	1100	636	152	64
18	61	35	22	18	17	28	42	108	768	572	154	63
19	60	34	22	18	18	29	42	130	720	621	164	61
20	56	33	22	18	18	29	39	174	915	621	211	57
21	55	32	22	18	18	31	35	228	1020	558	184	59
22	55	32	21	18	18	33	34	273	1050	507	187	54
23	55	32	21	18	19	33	34	287	1050	459	177	51
24	54	32	21	18	20	33	33	268	1050	429	164	50
25	52	31	20	17	21	31	32	230	1120	459	160	47
26	52	31	20	17	20	31	34	184	1150	459	174	48
27	51	30	20	17	19	29	35	162	1000	441	200	48
28	50	30	20	17	19	28	39	154	793	417	182	57
29	48	28	20	17	---	28	46	142	826	417	158	73
30	48	28	19	17	---	27	51	130	871	375	142	73
31	43	---	19	17	---	26	---	136	---	345	128	---
TOTAL	2021	1046	712	561	500	750	1220	3572	22109	19654	6322	2285
MEAN	65.2	34.9	23.0	18.1	17.9	24.2	40.7	115	737	634	204	76.2
AC-FT	4010	2070	1410	1110	992	1490	2420	7090	43850	38980	12540	4530
MAX	85	45	28	20	21	33	57	287	1150	1060	325	120
MIN	43	28	19	17	16	18	27	43	192	345	128	47
CAL YR 1994 TOTAL		36615	MEAN	100	MAX	879	MIN	13	AC-FT	72630		
WTR YR 1995 TOTAL		60752	MEAN	166	MAX	1150	MIN	16	AC-FT	120500		

MAX DISCH 1510 CFS AT 2145 09-JUL-1995 GH 3.60 FT. SHIFT 0.15 FT. MAX GH 3.62 FT. AT 2145 15-JUN-1995



SAN JUAN RIVER BASIN

LA PLATA AND CHERRY CREEK DITCH NEAR HESPERUS, CO

LOCATION.--Lat 37°19'26", long 108°03'41", in SE¼NW¼ sec. 3, T.35 N., R.11 W., NMPM, La Plata County.

DRAINAGE AREA.--N/A

GAGE.--Water-stage recorder with satellite telemetry in a shelter and well at a 5 foot Parshall flume.

REMARKS.--Record good. Station maintained by J. Russell Kennedy and Matthew A. Schmitt. Records developed by Scott D. Brinton.

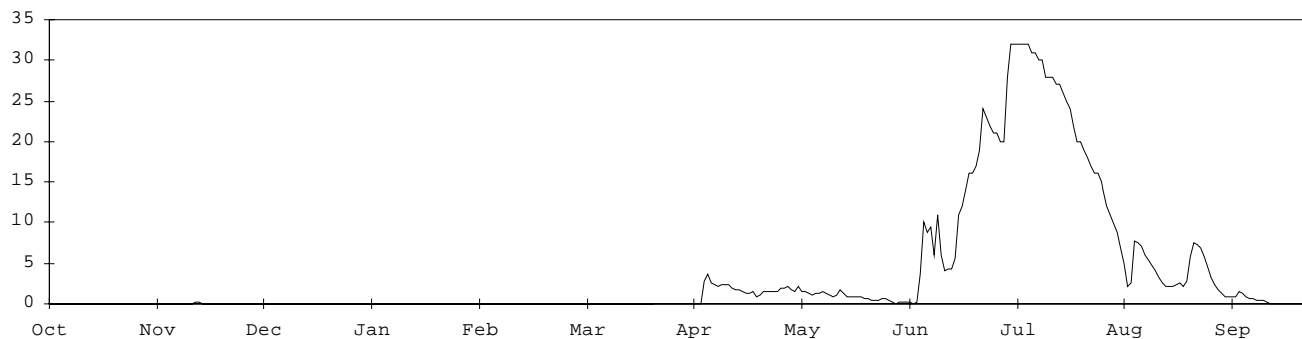
RATING TABLE.--LPCDITCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.21	21	14	3.2
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	20	12	2.4
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.22	20	11	1.7
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.28	28	9.8	1.2
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.28	32	8.8	0.96
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.14	32	6.8	0.83
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	32	4.9	0.82
8	0.0	0.0	0.0	0.0	0.0	0.0	2.7	1.2	0.20	32	2.2	0.96
9	0.0	0.0	0.0	0.0	0.0	0.0	3.7	1.0	3.6	32	2.6	1.5
10	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.2	10	32	7.7	1.3
11	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.3	8.7	31	7.5	0.94
12	0.0	0.19	0.0	0.0	0.0	0.0	2.2	1.4	9.4	31	7.1	0.65
13	0.0	0.13	0.0	0.0	0.0	0.0	2.4	1.3	6.0	30	6.1	0.58
14	0.0	0.10	0.0	0.0	0.0	0.0	2.4	1.0	11	30	5.3	0.53
15	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.85	6.0	28	4.7	0.46
16	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.0	4.0	28	4.1	0.34
17	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.7	4.4	28	3.3	0.17
18	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.2	4.2	27	2.5	0.01
19	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.88	5.5	27	2.1	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.77	11	26	2.1	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.84	12	25	2.2	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.84	14	24	2.3	0.04
23	0.0	0.0	0.0	0.0	0.0	0.0	0.96	0.82	16	22	2.5	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.73	16	20	2.2	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.61	17	20	2.8	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.50	19	19	5.9	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.40	24	18	7.6	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.41	23	17	7.4	0.0
29	0.0	0.0	0.0	0.0	---	0.0	1.4	0.56	22	16	6.9	0.0
30	0.0	0.0	0.0	0.0	---	0.0	1.9	0.64	21	16	5.9	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.35	---	15	4.5	---
TOTAL	0.0	0.42	0.0	0.0	0.0	0.0	42.86	33.81	269.13	779	174.8	18.60
MEAN	0.0	0.01	0.0	0.0	0.0	0.0	1.43	1.09	8.97	25.1	5.64	0.62
AC-FT	0.0	0.84	0.0	0.0	0.0	0.0	85	67	534	1550	347	37
MAX	0.0	0.19	0.0	0.0	0.0	0.0	3.7	2.1	24	32	14	3.2
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.35	0.0	15	2.1	0.0

CAL YR 1994 TOTAL 883.50 MEAN 2.42 MAX 34 MIN 0.00 AC-FT 1750  
WTR YR 1995 TOTAL 1318.62 MEAN 3.61 MAX 32 MIN 0.00 AC-FT 2620

MAX DISCH 33 CFS AT 2215 09-JUL-1995 GH 1.38 FT. SHIFT 0.00 FT. MAX GH 1.38 FT. AT 2215 09-JUL-1995



SAN JUAN RIVER BASIN

PINE RIDGE DITCH NEAR HESPERUS, CO

LOCATION.--Lat 37°17'31", long 108°02'07", in SW¼NE¼ sec. 14, T.35 N., R.11 W., NMPM, La Plata County.

DRAINAGE AREA.--N/A

GAGE.--Water-stage recorder with satellite telemetry in a shelter and well at a 3 foot Parshall flume.

REMARKS.--Record good. Station maintained by J. Russell Kennedy and Matthew A. Schmitt. Records developed by Scott D. Brinton.

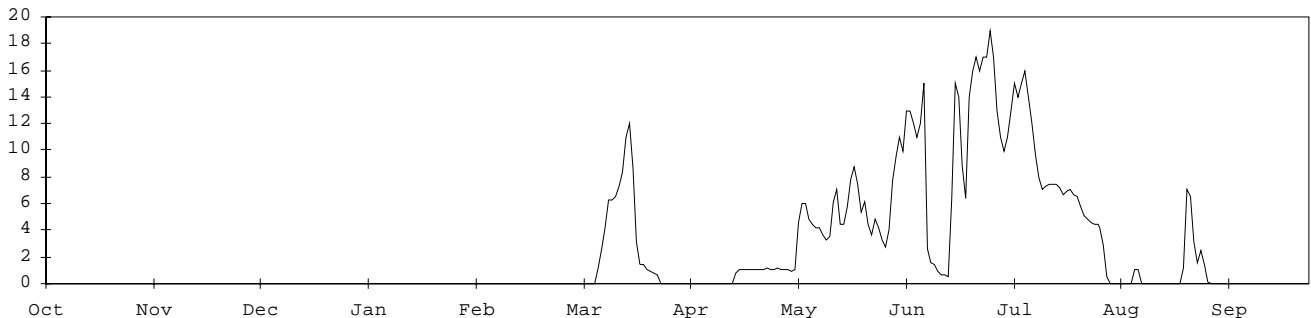
RATING TABLE.--PINDITCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	4.1	17	4.2	0.09
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	7.7	13	2.9	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	9.5	11	0.46	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.98	11	10	0.00	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	10	11	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	13	13	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	13	15	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	12	14	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	1.2	0.0	4.9	11	15	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	2.6	0.0	4.5	12	16	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	4.2	0.0	4.2	15	14	1.0	0.0
12	0.0	0.0	0.0	0.0	0.0	6.3	0.0	4.2	2.6	12	1.0	0.0
13	0.0	0.0	0.0	0.0	0.0	6.3	0.0	3.7	1.6	9.7	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	6.6	0.0	3.3	1.4	8.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	7.3	0.0	3.5	0.92	7.1	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	8.4	0.0	6.2	0.64	7.3	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	11	0.0	7.0	0.62	7.5	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	12	0.75	4.5	0.50	7.4	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	8.6	1.0	4.5	6.4	7.4	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	3.1	1.1	5.8	15	7.2	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	1.4	1.1	7.8	14	6.7	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	1.5	1.1	8.8	8.9	6.9	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	1.1	1.0	7.4	6.4	7.1	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.87	1.0	5.3	14	6.7	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.72	1.1	6.2	16	6.6	1.2	0.0
26	0.0	0.0	0.0	0.0	0.0	0.59	1.1	4.4	17	5.8	7.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.04	1.2	3.7	16	5.1	6.5	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	1.1	4.8	17	4.9	3.2	0.0
29	0.0	0.0	0.0	0.0	---	0.0	1.1	4.2	17	4.6	1.6	0.0
30	0.0	0.0	0.0	0.0	---	0.0	1.2	3.3	19	4.5	2.5	0.0
31	0.0	---	0.0	0.0	---	0.0	---	2.7	---	4.4	1.5	---
TOTAL	0.0	0.0	0.0	0.0	0.0	83.83	13.85	136.78	293.28	285.9	33.06	0.09
MEAN	0.0	0.0	0.0	0.0	0.0	2.70	0.46	4.41	9.78	9.22	1.07	0.00
AC-FT	0.0	0.0	0.0	0.0	0.0	166	27	271	582	567	66	0.18
MAX	0.0	0.0	0.0	0.0	0.0	12	1.2	8.8	19	17	7.0	0.09
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.98	0.50	4.4	0.0	0.0

CAL YR 1994 TOTAL 322.17 MEAN 0.88 MAX 16 MIN 0.00 AC-FT 639  
WTR YR 1995 TOTAL 846.80 MEAN 2.32 MAX 19 MIN 0.00 AC-FT 1680

MAX DISCH 20 CFS AT 0115 01-JUL-1995 GH 1.39 FT. SHIFT 0.00 FT. MAX GH 1.39 FT. AT 0115 01-JUL-1995



SAN JUAN RIVER BASIN

09365500 LA PLATA RIVER AT HESPERUS, CO

**LOCATION.**--Lat 37°17'23", long 108°02'24", in NE¼SW¼ sec. 14, T.35 N., R.11 W., NMPM La Plata County, Hydrologic Unit 14080105, on right bank at Hesperus 700 ft downstream from U.S. Highway 160.

**DRAINAGE AREA.**--37 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry. Datum of gage is 8,104.71 ft above National Geodetic Vertical Datum of 1929. DCP is the primary record.

**REMARKS.**--Record is complete and reliable except for the following periods: Stage-discharge relationship affected by ice Nov. 20, 21, 23, 24 and 27-30; Dec. 1-6, 8-22, 26-29 and 31, 1994; Jan. 1-7, 10, 13, 14, 16-24 and 27-31; Feb. 1-7, 9-11 and 13-19; Mar. 7-9, 1995. Record good except for the winter period, which is poor. La Plata River and Cherry Creek ditch and Pine Ridge ditch export water upstream from station for irrigation of up to 2000 acres in the Cherry Creek drainage and 300 acres in the Lightner and Basin Creek drainage's. Station maintained and records developed by Scott D. Brinton.

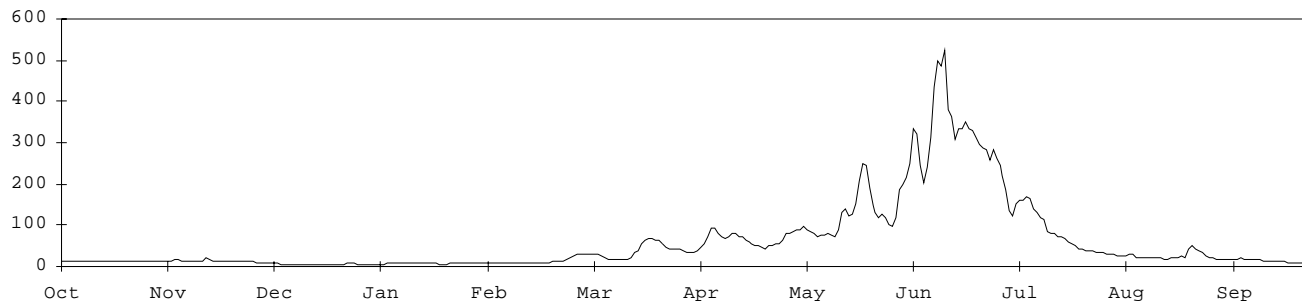
**RATING TABLE.**--LAPHESCO32 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	13	7.5	6.0	7.0	29	33	81	117	244	30	20
2	11	14	7.0	6.0	7.0	31	33	85	185	221	29	19
3	12	16	6.5	6.0	7.0	28	34	88	200	187	28	18
4	12	15	6.0	6.5	7.0	31	39	88	216	137	27	17
5	12	14	6.0	7.0	7.5	30	47	98	250	121	27	17
6	12	14	6.0	8.0	7.5	30	57	88	334	151	27	16
7	12	13	6.0	7.0	7.5	26	73	83	323	162	25	16
8	12	14	6.0	9.0	7.6	22	91	79	246	160	29	18
9	12	13	5.5	8.7	7.5	18	95	73	204	169	28	22
10	12	13	5.0	8.5	7.5	18	80	76	240	163	20	19
11	11	14	5.0	8.6	7.5	18	70	78	314	141	20	18
12	11	21	5.5	8.7	8.0	17	68	81	434	131	21	17
13	11	16	6.0	8.5	8.0	15	73	77	500	119	21	16
14	13	14	6.0	8.0	9.0	16	79	73	485	115	21	15
15	13	12	5.5	8.4	10	19	79	88	523	84	20	15
16	12	12	5.0	8.0	7.0	23	73	129	379	79	20	14
17	11	12	5.0	7.0	8.0	34	70	139	362	79	20	13
18	11	11	5.5	6.5	9.0	40	64	124	309	72	18	13
19	11	11	5.5	6.0	10	54	60	127	332	71	19	12
20	12	11	6.0	6.0	10	64	55	153	334	67	20	12
21	12	11	6.0	6.0	11	68	52	207	350	60	21	11
22	11	12	6.0	6.5	11	69	50	248	334	54	23	11
23	11	11	6.4	6.5	11	65	45	247	328	49	25	10
24	11	11	6.4	7.0	13	63	44	191	311	44	23	10
25	11	11	6.4	8.2	18	56	49	147	295	43	41	9.9
26	12	11	6.0	8.2	21	48	52	129	288	40	49	9.6
27	12	10	6.0	8.0	24	44	54	117	285	38	43	9.3
28	12	9.0	6.0	7.0	28	43	57	126	259	37	40	11
29	12	8.0	6.0	7.0	---	41	65	119	285	35	33	11
30	13	8.0	6.2	6.5	---	41	79	103	264	35	25	12
31	13	---	6.0	7.0	---	38	---	97	---	33	22	---
TOTAL	365	375.0	183.9	226.3	296.6	1139	1820	3639	9286	3141	815	431.8
MEAN	11.8	12.5	5.93	7.30	10.6	36.7	60.7	117	310	101	26.3	14.4
AC-FT	724	744	365	449	588	2260	3610	7220	18420	6230	1620	856
MAX	13	21	7.5	9.0	28	69	95	248	523	244	49	22
MIN	11	8.0	5.0	6.0	7.0	15	33	73	117	33	18	9.3

CAL YR 1994 TOTAL 12581.8 MEAN 34.5 MAX 252 MIN 5.0 AC-FT 24960  
WTR YR 1995 TOTAL 21718.6 MEAN 59.5 MAX 523 MIN 5.0 AC-FT 43080

MAX DISCH 607 CFS AT 0045 14-JUN-1995 GH 3.88 FT. SHIFT 0.26 FT. MAX GH 3.88 FT. AT 0045 14-JUN-1995





SAN JUAN RIVER BASIN

CHERRY CREEK AT THE MOUTH NEAR RED MESA, CO

LOCATION.--Lat 37°07'03", long 108°11'53", in NW¼SW¼ sec. 7, T.33 N., R.12 W., NMPM, La Plata County.

DRAINAGE AREA.--66 mi<sup>2</sup>.

GAGE.--Water-stage recorder with satellite telemetry. Datum of gauge is 6,450 ft above National Geodetic Vertical Datum of 1929, from topographic map.

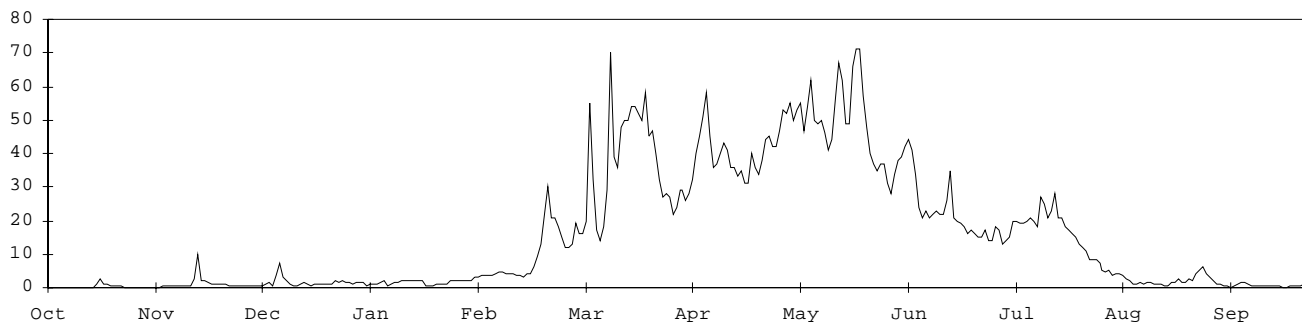
REMARKS.--Record is complete and reliable except for the following periods: Stage-discharge relationship affected by ice Nov. 15-16 and 18-28; Dec. 9, 10 and 15-30, 1994; Jan. 1-31 ; Feb. 1-11 and 15-18, 1995. Records fair except for estimated daily discharges which are poor. Diversion for irrigation of up to 380 acres upstream of gage and for 2100 acres of irrigation with water imported from the La Plata River via the La Plata and Cherry Creek Ditch. Station maintained and records developed by J. Russell Kennedy and Scott D. Brinton.

RATING TABLE.--CHEREDCO02 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.19	0.58	0.50	3.0	13	29	53	28	18	5.0	3.3
2	0.0	0.20	0.68	1.0	3.0	19	29	52	34	17	4.6	2.2
3	0.0	0.29	1.2	1.0	3.5	16	26	55	38	13	5.2	1.0
4	0.0	0.55	1.3	1.0	3.5	16	28	50	39	14	3.8	0.84
5	0.0	0.52	0.64	1.5	3.5	20	32	53	42	15	4.3	0.62
6	0.0	0.40	3.6	2.0	3.5	55	40	55	44	20	4.4	0.32
7	0.0	0.36	7.3	0.50	4.0	32	45	47	41	20	3.4	0.23
8	0.0	0.32	3.0	1.0	4.5	17	51	54	34	19	2.8	0.32
9	0.0	0.38	2.0	1.5	4.5	14	58	62	24	19	2.2	0.85
10	0.0	0.44	1.0	1.5	4.0	18	45	50	21	20	0.94	1.3
11	0.0	0.41	0.45	2.0	4.0	29	36	49	23	21	0.89	1.3
12	0.0	2.5	0.49	2.0	4.1	70	37	50	21	20	1.8	0.84
13	0.0	10	0.84	2.0	3.7	39	40	46	22	18	1.1	0.43
14	0.0	2.2	1.3	2.0	3.7	36	43	41	23	27	1.3	0.41
15	1.2	2.0	1.0	2.0	3.0	48	41	44	22	25	1.6	0.38
16	2.6	1.5	0.50	2.0	4.0	50	36	56	22	21	1.1	0.40
17	0.95	0.92	1.0	2.0	4.0	50	36	67	26	23	1.1	0.38
18	0.83	1.0	1.0	0.50	6.0	54	33	62	35	28	0.97	0.27
19	0.49	1.0	1.0	0.50	9.5	54	35	49	21	21	0.71	0.27
20	0.45	1.0	1.0	0.50	13	52	31	49	20	21	0.76	0.30
21	0.41	1.0	1.0	1.0	22	50	31	66	19	18	1.6	0.30
22	0.34	0.50	1.0	1.0	30	58	40	71	18	17	1.7	0.23
23	0.24	0.50	2.0	1.0	21	45	36	71	16	16	2.4	0.23
24	0.22	0.50	1.5	1.0	21	47	34	57	17	15	1.8	0.38
25	0.21	0.50	2.0	2.0	18	40	38	48	16	13	1.6	0.46
26	0.24	0.50	1.5	2.0	15	32	44	40	15	12	2.7	0.55
27	0.24	0.50	1.5	2.0	12	27	45	37	15	11	1.9	0.42
28	0.23	0.50	1.0	2.0	12	28	42	35	17	8.2	4.2	0.81
29	0.22	0.55	1.5	2.0	---	27	42	37	14	8.3	5.0	2.4
30	0.20	0.37	1.5	2.0	---	22	47	37	14	8.4	6.3	2.5
31	0.20	---	1.4	2.0	---	24	---	31	---	7.1	4.3	---
TOTAL	9.30	31.60	45.79	45.00	243.0	1102	1150	1574	741	534.0	81.47	24.25
MEAN	0.30	1.05	1.48	1.45	8.68	35.5	38.3	50.8	24.7	17.2	2.63	0.81
AC-FT	18	63	91	89	482	2190	2280	3120	1470	1060	162	48
MAX	2.6	10	7.3	2.0	30	70	58	71	44	28	6.3	3.3
MIN	0.0	0.19	0.45	0.50	3.0	13	26	31	14	7.1	0.71	0.23
CAL YR 1994 TOTAL	2669.67		MEAN	7.31	MAX	46	MIN	0.00	AC-FT	5300		
WTR YR 1995 TOTAL	5581.42		MEAN	15.3	MAX	71	MIN	0.00	AC-FT	11070		

MAX DISCH 139 CFS AT 0530 12-MAR-1995 GH 2.64 FT. SHIFT 0.23 FT. MAX GH 2.64 FT. AT 0530 12-MAR-1995



SAN JUAN RIVER BASIN

LONG HOLLOW AT THE MOUTH NEAR RED MESA, CO

LOCATION.--Lat 37°03'02", long 108°10'23", in SE¼SW¼ sec. 32, T.33 N., R.12 W., NMPM, La Plata County.

DRAINAGE AREA.-- 46.5 mi<sup>2</sup>.

GAGE.--Water-stage recorder with satellite telemetry and a three foot Parshall flume. Datum of gauge is 6,190 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.-- Record is complete and reliable except for the following periods: Stage-discharge relationship affected by ice Dec. 10, 1994; Jan. 18-20, 1995. Recorder malfunctioned Nov.22-30, 1994. Records good except for estimated daily discharges which are poor. Diversion for irrigation of up to 85 acres upstream of gage. Station maintained and records developed by J. Russell Kennedy and Scott D. Brinton.

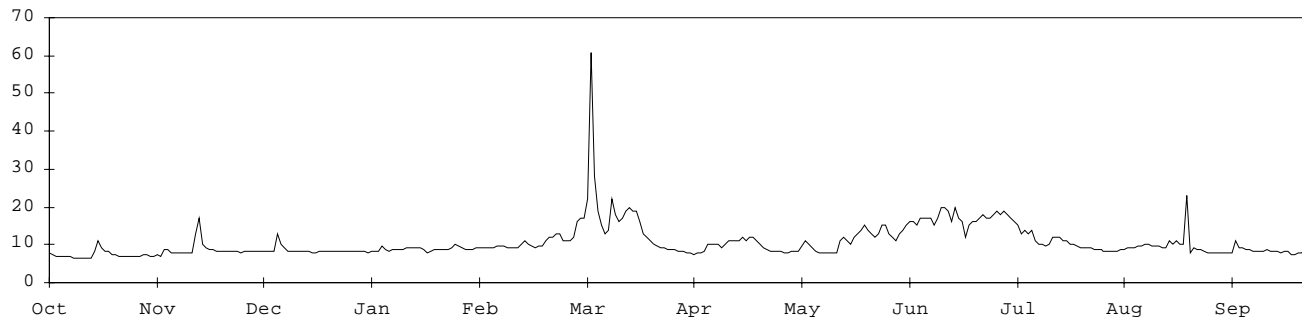
RATING TABLE.--LONREDCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.9	7.2	8.5	7.9	9.0	12	8.4	7.7	12	19	8.5	7.8
2	7.2	7.0	8.5	8.3	9.2	16	8.2	8.0	11	18	8.5	7.8
3	7.1	8.6	8.3	8.2	9.4	17	8.0	8.2	13	19	8.5	7.7
4	7.0	8.6	8.3	8.5	9.4	17	7.7	8.3	14	18	8.5	7.7
5	7.0	7.8	8.5	9.5	9.4	22	7.5	8.1	15	17	8.5	7.6
6	7.0	7.6	13	8.8	9.4	61	7.6	9.5	16	16	8.7	7.6
7	7.0	7.7	10	8.5	9.5	28	7.6	11	16	15	8.7	7.8
8	6.6	7.7	9.1	8.7	9.6	19	8.2	10	15	13	9.1	11
9	6.6	7.9	8.4	8.8	9.6	15	10	9.0	17	14	9.3	9.2
10	6.6	7.9	8.5	8.9	9.2	13	10	8.1	17	13	9.3	9.0
11	6.5	7.7	8.5	8.9	9.1	14	10	7.9	17	14	9.5	8.9
12	6.3	13	8.3	9.4	9.2	22	10	8.0	17	11	9.7	8.7
13	6.3	17	8.5	9.1	9.0	18	9.3	8.0	15	10	10	8.5
14	8.1	10	8.4	9.0	10	16	10	7.8	17	10	10	8.2
15	11	9.1	8.2	9.1	11	17	11	7.7	20	9.9	9.7	8.4
16	9.1	8.9	8.0	9.0	10	19	11	7.7	20	10	9.5	8.5
17	8.5	8.7	8.0	8.7	9.7	20	11	11	19	12	9.5	8.7
18	8.2	8.5	8.2	8.0	9.2	19	11	12	16	12	9.3	8.5
19	7.5	8.5	8.3	8.4	9.5	19	12	11	20	12	9.3	8.4
20	7.2	8.5	8.3	8.6	9.7	16	11	10	17	11	11	8.3
21	7.1	8.3	8.2	8.8	11	13	12	12	16	11	10	8.0
22	7.0	8.2	8.2	8.7	12	12	12	13	12	10	11	8.1
23	7.1	8.2	8.4	8.6	12	11	11	14	15	10	10	8.2
24	7.0	8.2	8.5	8.7	13	10	10	15	16	9.6	10	7.5
25	7.0	8.0	8.4	9.1	13	9.8	9.4	14	16	9.4	23	7.4
26	7.0	8.2	8.4	10	11	9.3	8.9	13	17	9.2	8.0	7.7
27	7.1	8.2	8.2	9.8	11	9.0	8.5	12	18	9.3	9.1	7.7
28	7.3	8.2	8.2	9.1	11	8.7	8.4	13	17	9.1	8.8	9.0
29	7.2	8.2	8.3	8.8	---	8.9	8.2	15	17	8.7	8.8	9.3
30	7.0	8.4	8.5	8.7	---	8.7	8.2	15	18	8.7	8.5	9.2
31	7.0	---	8.3	8.7	---	8.3	---	13	---	8.7	8.0	---
TOTAL	226.5	260.0	265.4	273.3	284.1	508.7	286.1	328.0	486	377.6	300.3	250.4
MEAN	7.31	8.67	8.56	8.82	10.1	16.4	9.54	10.6	16.2	12.2	9.69	8.35
AC-FT	449	516	526	542	564	1010	567	651	964	749	596	497
MAX	11	17	13	10	13	61	12	15	20	19	23	11
MIN	6.3	7.0	8.0	7.9	9.0	8.3	7.5	7.7	11	8.7	8.0	7.4

CAL YR 1994 TOTAL 2895.4 MEAN 7.93 MAX 25 MIN 4.8 AC-FT 5740  
WTR YR 1995 TOTAL 3846.4 MEAN 10.5 MAX 61 MIN 6.3 AC-FT 7630

MAX DISCH 154 CFS AT 1615 25-AUG-1995 GH 4.23 FT. SHIFT 0.00 FT. MAX GH 4.23 FT. AT 1615 25-AUG-1995



SAN JUAN RIVER BASIN

PIONEER DITCH AT THE COLORADO-NEW MEXICO STATELINE

LOCATION.--Lat 36°59'58", long 108°11'09", in NW¼SE¼ sec. 10, T.32 N., R.13 W., NMPM, La Plata County.

DRAINAGE AREA.--N/A

GAGE.--Water-stage recorder with satellite telemetry in a shelter and well at a 1 foot Parshall flume.

REMARKS.--Record good. Station maintained by J. Russell Kennedy and Mathew A. Schmitt. Records developed by Scott D. Brinton.

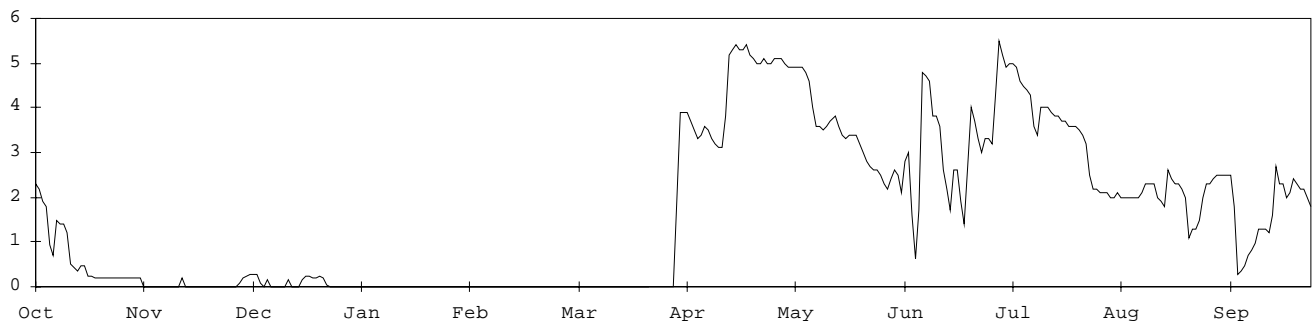
RATING TABLE.--PIODITCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	0.0	0.27	0.0	0.0	0.0	0.0	5.1	2.2	3.2	2.1	2.3
2	2.2	0.0	0.28	0.0	0.0	0.0	1.9	5.1	2.4	4.3	2.1	2.4
3	1.9	0.0	0.27	0.0	0.0	0.0	3.9	5.0	2.6	5.5	2.1	2.5
4	1.8	0.0	0.09	0.0	0.0	0.0	3.9	4.9	2.5	5.2	2.0	2.5
5	0.92	0.0	0.0	0.0	0.0	0.0	3.9	4.9	2.1	4.9	2.0	2.5
6	0.70	0.0	0.17	0.0	0.0	0.0	3.7	4.9	2.8	5.0	2.1	2.5
7	1.5	0.0	0.0	0.0	0.0	0.0	3.5	4.9	3.0	5.0	2.0	2.5
8	1.4	0.0	0.0	0.0	0.0	0.0	3.3	4.9	1.6	4.9	2.0	1.8
9	1.4	0.0	0.0	0.0	0.0	0.0	3.4	4.8	0.63	4.6	2.0	0.26
10	1.2	0.0	0.0	0.0	0.0	0.0	3.6	4.6	1.7	4.5	2.0	0.34
11	0.49	0.0	0.0	0.0	0.0	0.0	3.5	4.0	4.8	4.4	2.0	0.45
12	0.42	0.21	0.16	0.0	0.0	0.0	3.3	3.6	4.7	4.3	2.0	0.70
13	0.36	0.0	0.0	0.0	0.0	0.0	3.2	3.6	4.6	3.6	2.1	0.81
14	0.47	0.0	0.0	0.0	0.0	0.0	3.1	3.5	3.8	3.4	2.3	0.99
15	0.45	0.0	0.01	0.0	0.0	0.0	3.1	3.6	3.8	4.0	2.3	1.3
16	0.23	0.0	0.17	0.0	0.0	0.0	3.8	3.7	3.6	4.0	2.3	1.3
17	0.22	0.0	0.22	0.0	0.0	0.0	5.2	3.8	2.6	4.0	2.0	1.3
18	0.21	0.0	0.22	0.0	0.0	0.0	5.3	3.6	2.2	3.9	1.9	1.2
19	0.20	0.0	0.21	0.0	0.0	0.0	5.4	3.4	1.7	3.8	1.8	1.6
20	0.20	0.0	0.21	0.0	0.0	0.0	5.3	3.3	2.6	3.8	2.6	2.7
21	0.20	0.0	0.22	0.0	0.0	0.0	5.3	3.4	2.6	3.7	2.4	2.3
22	0.20	0.0	0.21	0.0	0.0	0.0	5.4	3.4	1.9	3.7	2.3	2.3
23	0.20	0.0	0.02	0.0	0.0	0.0	5.2	3.4	1.4	3.6	2.3	2.0
24	0.20	0.0	0.0	0.0	0.0	0.0	5.1	3.2	2.7	3.6	2.2	2.1
25	0.20	0.0	0.0	0.0	0.0	0.0	5.0	3.0	4.0	3.6	2.0	2.4
26	0.20	0.0	0.0	0.0	0.0	0.0	5.0	2.8	3.7	3.5	1.1	2.3
27	0.19	0.0	0.0	0.0	0.0	0.0	5.1	2.7	3.3	3.4	1.3	2.2
28	0.18	0.09	0.0	0.0	0.0	0.0	5.0	2.6	3.0	3.2	1.3	2.2
29	0.18	0.20	0.0	0.0	---	0.0	5.0	2.6	3.3	2.5	1.5	2.0
30	0.18	0.25	0.0	0.0	---	0.0	5.1	2.5	3.3	2.2	2.0	1.8
31	0.18	---	0.0	0.0	---	0.0	---	2.3	---	2.2	2.3	---
TOTAL	20.69	0.75	2.73	0.0	0.0	0.0	123.5	117.1	85.13	121.5	62.4	53.54
MEAN	0.67	0.03	0.09	0.0	0.0	0.0	4.12	3.78	2.84	3.92	2.01	1.78
AC-FT	41	1.5	5.4	0.0	0.0	0.0	245	232	169	241	124	106
MAX	2.3	0.25	0.28	0.0	0.0	0.0	5.4	5.1	4.8	5.5	2.6	2.7
MIN	0.18	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.63	2.2	1.1	0.26

CAL YR 1994 TOTAL 522.07 MEAN 1.43 MAX 6.5 MIN 0.00 AC-FT 1040  
WTR YR 1995 TOTAL 587.34 MEAN 1.61 MAX 5.5 MIN 0.00 AC-FT 1160

MAX DISCH 6.2 CFS AT 1445 02-JUL-1995 GH 1.33 FT. SHIFT 0.00 FT. MAX GH 1.33 FT. AT 1445 02-JUL-1995



SAN JUAN RIVER BASIN

ENTERPRISE DITCH AT THE COLORADO-NEW MEXICO STATELINE

LOCATION.--Lat 37°00'50", long 108°11'18", in SW¼SE¼ sec. 3, T.32 N., R.13 W., NMPM, La Plata County.

DRAINAGE AREA.--N/A

GAGE.--Water-stage recorder with satellite telemetry in a shelter and well at a 2 foot Parshall flume.

REMARKS.--Record good. Station maintained by J. Russell Kennedy and Mathew A. Schmitt. Records developed by Scott D. Brinton.

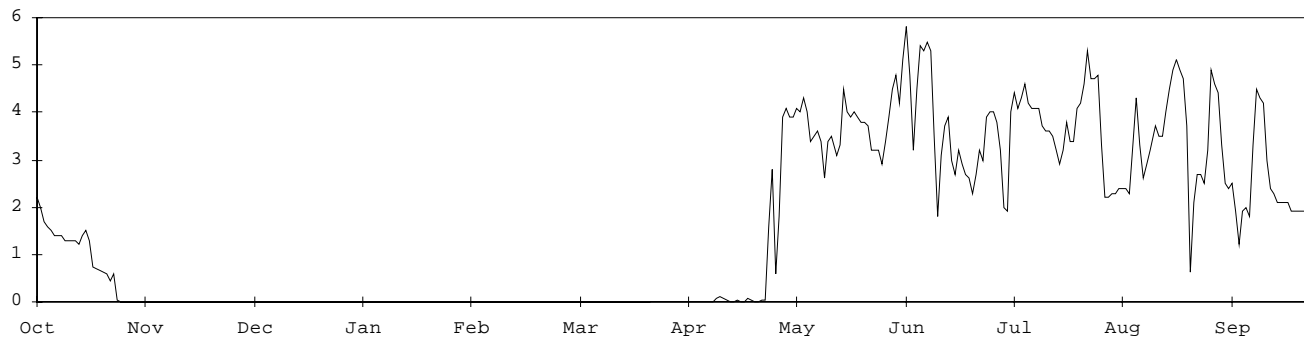
RATING TABLE.--ENTDITCO01 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3.9	4.0	3.3	4.9
2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	4.5	3.8	2.2	4.6
3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.8	3.2	2.2	4.4
4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	3.9	4.2	2.0	2.3	3.3
5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	3.9	5.1	1.9	2.3	2.5
6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	4.1	5.8	4.0	2.4	2.4
7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.8	4.4	2.4	2.5
8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	4.3	3.2	4.1	2.4	1.9
9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.5	4.3	2.3	1.2
10	1.3	0.0	0.0	0.0	0.0	0.0	0.0	3.4	5.4	4.6	3.3	1.9
11	1.3	0.0	0.0	0.0	0.0	0.0	0.0	3.5	5.3	4.2	4.3	2.0
12	1.3	0.0	0.0	0.0	0.0	0.0	0.0	3.6	5.5	4.1	3.3	1.8
13	1.2	0.0	0.0	0.0	0.0	0.0	0.07	3.4	5.3	4.1	2.6	3.3
14	1.4	0.0	0.0	0.0	0.0	0.0	0.10	2.6	3.5	4.1	2.9	4.5
15	1.5	0.0	0.0	0.0	0.0	0.0	0.09	3.4	1.8	3.7	3.2	4.3
16	1.3	0.0	0.0	0.0	0.0	0.0	0.05	3.5	3.1	3.6	3.7	4.2
17	0.72	0.0	0.0	0.0	0.0	0.0	0.0	3.1	3.7	3.6	3.5	3.0
18	0.69	0.0	0.0	0.0	0.0	0.0	0.0	3.3	3.9	3.5	3.5	2.4
19	0.68	0.0	0.0	0.0	0.0	0.0	0.02	4.5	3.0	3.2	4.0	2.3
20	0.63	0.0	0.0	0.0	0.0	0.0	0.00	4.0	2.7	2.9	4.5	2.1
21	0.58	0.0	0.0	0.0	0.0	0.0	0.0	3.9	3.2	3.2	4.9	2.1
22	0.44	0.0	0.0	0.0	0.0	0.0	0.09	4.0	2.9	3.8	5.1	2.1
23	0.60	0.0	0.0	0.0	0.0	0.0	0.02	3.9	2.7	3.4	4.9	2.1
24	0.02	0.0	0.0	0.0	0.0	0.0	0.0	3.8	2.6	3.4	4.7	1.9
25	0.0	0.0	0.0	0.0	0.0	0.0	0.01	3.8	2.3	4.1	3.7	1.9
26	0.0	0.0	0.0	0.0	0.0	0.0	0.03	3.7	2.7	4.2	0.62	1.9
27	0.0	0.0	0.0	0.0	0.0	0.0	0.03	3.2	3.2	4.6	2.1	1.9
28	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.2	3.0	5.3	2.7	1.9
29	0.0	0.0	0.0	0.00	---	0.0	2.8	3.2	3.9	4.7	2.7	1.9
30	0.0	0.0	0.0	0.0	---	0.0	0.58	2.9	4.0	4.7	2.5	1.8
31	0.0	---	0.0	0.0	---	0.0	---	3.4	---	4.8	3.2	---
TOTAL	28.15	0.0	0.0	0.00	0.0	0.0	5.48	111.3	114.5	119.5	97.72	79.0
MEAN	0.91	0.0	0.0	0.00	0.0	0.0	0.18	3.59	3.82	3.85	3.15	2.63
AC-FT	56	0.0	0.0	0.00	0.0	0.0	11	221	227	237	194	157
MAX	2.2	0.0	0.0	0.00	0.0	0.0	2.8	4.5	5.8	5.3	5.1	4.9
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.8	1.9	0.62	1.2

CAL YR 1994 TOTAL 563.83 MEAN 1.54 MAX 6.1 MIN 0.00 AC-FT 1120  
WTR YR 1995 TOTAL 555.65 MEAN 1.52 MAX 5.8 MIN 0.00 AC-FT 1100

MAX DISCH 7.9 CFS AT 0845 16-JUN-1995 GH 0.99 FT. SHIFT 0.00 FT. MAX GH 0.99 FT. AT 0845 16-JUN-1995



SAN JUAN RIVER BASIN

09366500 LA PLATA RIVER AT COLORADO-NEW MEXICO STATE LINE

**LOCATION.**--Lat 36°59'59", long 108°11'17", in NW¼SE¼ sec. 10, T.32 N., R.13 W., NMPM, La Plata County, CO, Hydrologic Unit 14080105, on right bank at Colorado-New Mexico State line, 0.5 mi downstream of Johnny Pond Arroyo, and 4.9 mi north of La Plata, NM.

**DRAINAGE AREA.**--331 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder with satellite telemetry in a timber shelter and well. The DCP is the primary record. Datum of gage is 5,975.15 ft above National Geodetic Vertical Datum of 1929.

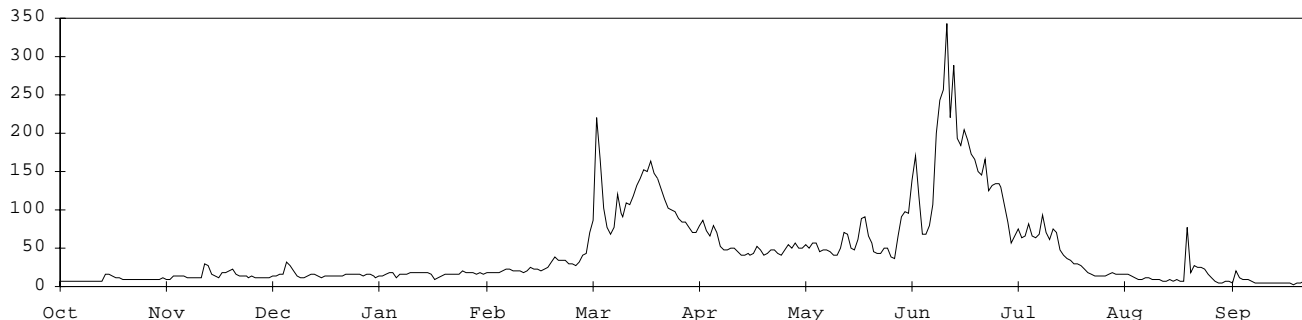
**REMARKS.**-- Record is complete and reliable except for the following periods: Stage-discharge relationship affected by ice Nov. 27-30; Dec. 1-3, 9-12, 15-22 and 28, 1994; Jan. 1-3, 7-8 and 18-22, 1995. Record good except for the winter period which is poor. Diversions upstream from station for irrigation of about 10,000 acres. Station maintained and records developed by Scott D. Brinton.

**RATING TABLE.**--LAPMEXCO27 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.1	9.9	12	12	17	31	84	54	37	133	13	11
2	6.4	9.6	14	14	18	41	77	51	66	129	15	7.7
3	6.9	14	14	14	19	44	70	56	90	107	18	5.0
4	6.4	14	15	15	19	70	71	49	98	85	15	5.1
5	7.0	13	16	18	19	87	79	49	96	57	15	5.9
6	7.7	13	31	19	19	220	87	54	139	65	16	5.7
7	7.0	11	27	12	20	165	73	50	170	76	16	5.4
8	6.6	11	20	16	22	102	67	57	118	63	15	21
9	6.5	11	14	17	22	77	80	57	69	65	14	12
10	7.0	11	12	17	20	69	70	45	68	81	11	9.9
11	7.8	12	12	18	20	77	52	47	79	66	10	9.3
12	7.4	29	14	19	20	120	48	48	107	63	10	8.4
13	6.5	28	15	18	18	96	47	46	199	68	11	6.3
14	15	17	15	18	21	91	49	41	243	94	11	5.1
15	17	14	14	18	24	110	50	41	257	70	10	4.6
16	13	12	12	18	23	107	46	49	343	62	8.5	3.8
17	12	18	14	17	23	119	42	70	221	74	8.1	5.4
18	11	19	14	10	21	132	41	68	289	70	7.3	5.3
19	10	20	14	12	22	142	44	50	194	48	6.5	5.0
20	8.9	22	14	14	25	153	41	48	183	40	8.2	3.6
21	8.6	16	14	16	31	151	44	62	204	36	6.6	4.1
22	8.6	13	14	16	39	164	52	88	191	34	8.3	4.4
23	8.6	13	16	16	35	148	47	92	172	30	7.1	4.1
24	8.8	13	15	16	35	142	42	66	165	30	6.2	3.5
25	9.5	12	16	17	33	128	43	57	151	28	77	3.2
26	9.6	13	15	20	30	113	47	46	145	22	19	3.6
27	9.2	12	15	19	29	102	48	44	167	18	27	3.8
28	9.9	12	14	18	27	99	43	44	126	15	26	6.3
29	10	12	15	18	---	98	42	51	132	13	26	7.5
30	10	12	15	17	---	88	48	49	133	13	23	7.6
31	11	---	14	18	---	84	---	39	---	13	16	---
TOTAL	281.0	436.5	476	507	671	3370	1674	1668	4652	1768	480.8	193.6
MEAN	9.06	14.6	15.4	16.4	24.0	109	55.8	53.8	155	57.0	15.5	6.45
AC-FT	557	866	944	1010	1330	6680	3320	3310	9230	3510	954	384
MAX	17	29	31	20	39	220	87	92	343	133	77	21
MIN	6.4	9.6	12	10	17	31	41	39	37	13	6.2	3.2
CAL YR 1994 TOTAL		7999.3	MEAN	21.9	MAX	85	MIN	2.2	AC-FT	15870		
WTR YR 1995 TOTAL		16177.9	MEAN	44.3	MAX	343	MIN	3.2	AC-FT	32090		

MAX DISCH 1049 CFS AT 1815 25-AUG-1995 GH 6.59 FT. SHIFT 0.01 FT. MAX GH 6.59 FT. AT 1815 25-AUG-1995



SAN JUAN RIVER BASIN

09370000 MANCOS RIVER NEAR MANCOS, CO

LOCATION.--Lat 37°21'13", long 108°15'41", in NE¼NE¼ sec. 27, T.36 N., R.13 W., NMPM, Montezuma County.

DRAINAGE AREA.--72.6 mi<sup>2</sup>.

GAGE.--Water-stage recorder with satellite telemetry. Datum of gauge is 7,190 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Record is complete and reliable except for the following periods: : Float frozen in well Nov. 23,1994-Feb. 24, 1995; float resting in mud in well July 4-7 and Sep. 10-21, 1995. Record fair, except for the winter period and from June 5-Sep. 30, 1995, when control section was washed out, which is poor. Diversion for irrigation of up to 4010 acres upstream of gage and for Jackson Gulch Reservoir, capacity of 9948 acre-feet. Station maintained and records developed by Scott D. Brinton.

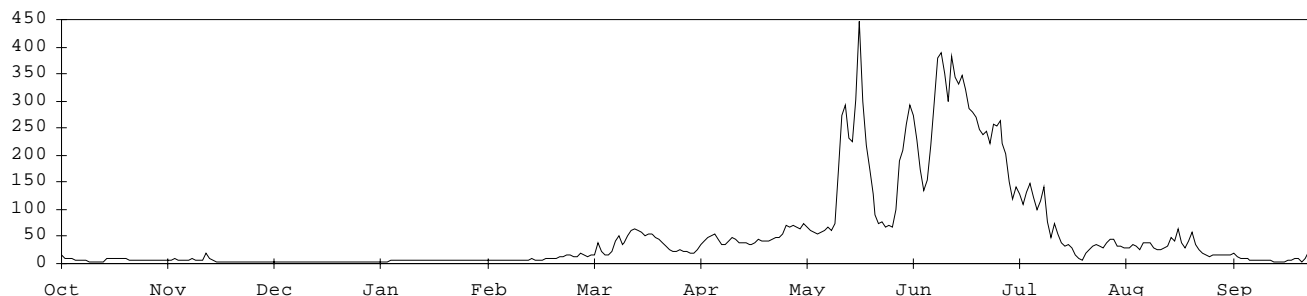
RATING TABLE.--MANMANCO07 USED FROM 01-OCT-1994 TO 30-SEP-1995

DISCHARGE, IN CFS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	6.8	4.0	3.0	5.0	18	21	68	101	264	40	15
2	11	6.6	4.0	3.0	5.0	16	20	70	191	222	45	17
3	9.4	8.2	4.0	3.0	5.0	14	20	69	209	204	44	16
4	8.7	6.2	4.0	4.0	5.0	16	25	63	258	150	31	15
5	5.3	6.0	4.0	5.0	6.0	16	35	75	291	120	32	16
6	5.7	7.4	4.0	6.0	6.0	39	43	66	274	140	30	17
7	5.4	7.9	4.0	5.0	6.0	21	48	60	229	130	29	18
8	5.2	11	4.0	7.0	6.0	16	53	57	175	110	30	13
9	4.8	8.0	3.0	7.0	6.0	16	55	54	134	131	34	11
10	4.1	7.5	3.0	7.0	6.0	22	45	58	154	148	33	10
11	3.9	7.6	3.0	7.0	6.0	41	36	60	220	123	26	9.0
12	3.7	19	3.0	7.0	7.0	51	34	66	297	100	40	8.0
13	3.4	9.2	3.0	7.0	7.0	36	41	61	380	115	39	7.0
14	8.3	5.2	3.0	6.0	8.0	39	48	75	388	142	39	6.0
15	11	4.6	3.0	6.0	9.0	52	46	172	350	76	29	6.0
16	8.6	4.1	3.0	6.0	6.0	60	38	272	300	47	26	6.0
17	9.1	3.4	3.0	5.0	7.0	64	39	291	382	74	25	5.0
18	9.8	3.7	3.0	5.0	8.0	61	37	233	345	56	28	5.0
19	9.3	3.0	3.0	5.0	9.0	59	36	224	331	39	33	4.0
20	9.0	3.6	3.0	5.0	9.0	52	35	301	346	32	47	4.0
21	7.5	3.8	3.0	5.0	10	56	38	448	322	36	41	4.0
22	7.0	4.1	3.0	5.0	10	55	46	298	287	30	63	4.8
23	7.7	4.0	3.0	5.0	12	47	42	220	281	17	39	7.2
24	7.8	4.0	3.0	5.0	14	44	41	174	270	10	29	7.8
25	7.1	4.0	3.0	6.0	17	37	42	130	246	7.0	42	8.2
26	7.1	4.0	3.0	6.0	16	31	44	89	238	20	57	8.1
27	6.7	4.0	3.0	6.0	14	26	47	74	244	27	34	3.8
28	7.0	4.0	3.0	5.0	12	23	49	76	221	33	26	11
29	7.2	4.0	3.0	5.0	---	21	56	69	257	34	19	23
30	7.3	4.0	3.0	5.0	---	25	70	70	254	32	16	17
31	5.9	---	3.0	5.0	---	22	---	69	---	30	13	---
TOTAL	229.0	178.9	101.0	167.0	237.0	1096	1230	4112	7975	2699.0	1059	302.9
MEAN	7.39	5.96	3.26	5.39	8.46	35.4	41.0	133	266	87.1	34.2	10.1
AC-FT	454	355	200	331	470	2170	2440	8160	15820	5350	2100	601
MAX	15	19	4.0	7.0	17	64	70	448	388	264	63	23
MIN	3.4	3.0	3.0	3.0	5.0	14	20	54	101	7.0	13	3.8

CAL YR 1994 TOTAL 9253.2 MEAN 25.4 MAX 346 MIN 1.5 AC-FT 18350  
WTR YR 1995 TOTAL 19386.8 MEAN 53.1 MAX 448 MIN 3.0 AC-FT 38450

MAX DISCH 619 CFS AT 1530 17-JUN-1995 GH 1.98 FT. SHIFT 0.83 FT. MAX GH 2.75 FT. AT 2145 21-MAY-1995



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BIG THOMPSON RIVER AT MOUTH OF CANYON, NEAR DRAKE .....	35
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CHARLES HANSEN FEEDER CANAL WASTEWAY TO BIG THOMPSON NEAR DRAKE .....	38
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1995 Water Year Stream Flow Data  
on PC Compatible Diskettes or CD

Mean daily flow values for gaging stations are available on a DOS compatible diskette or CD upon request from this Office. Each station's data are in a file named by an eight-character station identification code, followed by the filename extension "H??", where the ?? represents the year being searched. For example, the values for "Clear Creek at Derby, water year 1995 are in the file "Clederco.H95". A list of the eight character codes follows.

The files contain ASCII text information. There are two columns. The first column is the number of the day of the water year, and the second is that day's mean flow. October 1 is day number 1. September 30 is day 365, except in leap years when there would be 366 days. The first line of some "H" files may contain information on the instantaneous peak for the water year.

Station Identification Codes  
for Data on Diskette and CD

DIV I

CODE	NAME
ADATUNCO	ALVA B. ADAMS TUNNEL AT EAST PORTAL, NEAR ESTES PARK
APGTUNCO	AUGUST P. GUMBLICK TUNNEL NEAR JONES PASS
BCRMORCO	BEAR CREEK AT MORRISON
BCRSHECO	BEAR CREEK AT SHERIDAN
BCSCBCCO	BOULDER CK. SUPPLY CANAL TO BOULDER CK. NEAR BOULDER
BEAVERCO	BEAVER CREEK ABOVE BEAVER RESERVOIR
BERDITCO	BERTHOUD PASS DITCH AT BERTHOUD PASS
BFLHCCO	BOULDER FEEDER CANAL TO LEFTHAND CREEK
BFCLYOCO	BOULDER CREEK FEEDER CANAL NEAR LYONS
BIGLASCO	BIG THOMPSON AT MOUTH, NEAR LA SALLE
BOCBGRCO	SOUTH BOULDER CREEK BELOW GROSS RESERVOIR
BOCELSCO	SOUTH BOULDER CREEK NEAR ELDERADO SPRINGS
BOCMIDCO	MIDDLE BOULDER CREEK AT NEDERLAND
BOCOROCO	BOULDER CREEK NEAR ORODELL
BORDITCO	BOREAS PASS DITCH AT BOREAS PASS
BOSDELCO	BOULDER CREEK, SOUTH DIVERSION NR ELDERADO SPRINGS
BTABESCO	BIG THOMPSON RIVER ABOVE LAKE ESTES
BTBLESCO	BIG THOMPSON RIVER BELOW LAKE ESTES
BTCANYCO	BIG THOMPSON RIVER AT MOUTH OF CANYON, NEAR DRAKE
BUCRMVCO	BUCKHORN CREEK NEAR MASONVILLE
BTNFDRCO	NORTH FORK BIG THOMPSON RIVER AT DRAKE
CAPDCPCO	CAMERON PASS DITCH NEAR CAMERON PASS
CLAFTCCO	CACHE LA POUFRE AT CANYON MOUTH, NEAR FORT COLLINS
CLAGRECO	CACHE LA POUFRE NEAR GREELEY
CLEDERCO	CLEAR CREEK AT DERBY
COCREPCO	COAL CREEK NEAR PLAINVIEW
DEADDPCO	DEADMAN DITCH NEAR DEADMAN PARK
DILTUNCO	DILLE TUNNEL NEAR DRAKE
DRYCRKCO	DRY CREEK TURNOUT NEAR NIWOT
EURDITCO	EUREKA DITCH
FISHESCO	FISH CREEK NEAR ESTES PARK
GRNDRDCO	GRAND RIVER DITCH AT LA POUFRE PASS
HFCBBSCO	CHARLES HANSEN FEEDER CANAL BELOW BIG THOMPSON SIPHON
HFCPPLCO	CHARLES HANSEN FEEDER CANAL POWER PLANT TO BIG THOMPSON
HFCWASCO	CHARLES HANSEN FEEDER CANAL WASTEWAY TO BIG THOMPSON
HLDBBRCO	HALE DITCH BELOW BONNY RESERVOIR NEAR HALE
HFCCRCO	HANSEN FDR CAN AT T.O. TO COTTONWOOD CR. NR NIWOT
HSCCLPCO	HANSEN SUP CAN TO CACHE LA POUFRE R. NR FT. COLLINS
HSCPVDCO	HANSEN SUP CAN TO POUFRE VAL. CAN NR. FT. COLLINS
HSPTUNCO	HOOSIER PASS TUNNEL AT MONTGOMERY RES., NEAR ALMA
LAPTUNCO	LARAMIE POUFRE TUNNEL
LEFTHDCO	LEFTHAND DIVERSION AT ST. VRAIN CREEK NR WARD
LTCANYCO	LITTLE THOMPSON RIVER AT CANYON MOUTH, NEAR BERTHOUD
MICDCPCO	MICHIGAN DITCH AT CAMERON PASS
MOFTUNCO	MOFFAT WATER TUNNEL, GILPIN COUNTY
MUNCANCO	MUNROE CANAL
OLYTUNCO	OLYMPUS TUNNEL (ESTES FOOTHILLS CANAL) AT LAKE ESTES
PIOHDGCO	PIIONEER DITCH AT HEADGATE
PIOSTLCO	PIIONEER DITCH AT CO/NE STATE LINE
PLAANTCO	SOUTH PLATTE RIVE BELOW ANTERO RESERVOIR
PLABALCO	SOUTH PLATTE RIVER AT COOPER BRIDGE, NEAR BALZAC
PLACHACO	SOUTH PLATTE RIVER BELOW CHATFIELD RESERVOIR
PLACHECO	SOUTH PLATTE RIVER BL. CHEESMAN RESERVOIR
PLADENCO	SOUTH PLATTE RIVER AT DENVER
PLAGEOCO	SOUTH PLATTE RIVER NEAR LAKE GEORGE
PLAGRACO	NORTH FORK SOUTH PLATTE RIVER AT GRANT
PLAHARCO	SOUTH PLATTE RIVER ABOVE ELEVENMILE RESERVOIR
PLAHENCO	SOUTH PLATTE RIVER AT HENDERSON
PLAJUCCO	SOUTH PLATTE RIVER AT JULESBURG COMBINED
PLAJULCO	SOUTH PLATTE RIVER AT JULESBURG LEFT CHAN. #4
PLAJURCO	SOUTH PLATTE RIVER AT JULESBURG RIGHT CHAN. #2
PLAKERCO	SOUTH PLATTE RIVER NEAR KERSEY

PLALUPCO	SOUTH PLATTE RIVER AT FORT LUPTON
PLASPICO	SOUTH PLATTE RIVER ABOVE SPINNEY RESERVOIR
PLASPLCO	SOUTH PLATTE RIVER AT SOUTH PLATTE
PLASTRCO	SOUTH PLATTE RIVER BELOW STRONTIA SPRINGS
PLAWATCO	SOUTH PLATTE RIVER AT WATERTON
PLAWELCO	SOUTH PLATTE RIVER NEAR WELDONA
ROBTUNCO	ROBERTS TUNNEL AT EAST PORTAL NEAR GRANT
SKYDCLCO	SKYLINE DITCH AT CHAMBERS LAKE
SPSCFLCO	SOUTH PLATTE SUPPLY CANAL BELOW SAND LAKE NE FT. LUPTON
SSVWARCO	SOUTH ST. VRAIN NEAR WARD
SVCLYOCO	SAINT VRAIN CREEK AT LYONS
SVCPLACO	ST. VRAIN CREEK AT MOUTH, NEAR PLATTEVILLE
SVSLYOCO	ST. VRAIN SUPPLY CANAL NEAR LYONS
SVSLT1CO	ST. VRAIN SUPPLY CANAL T.O. TO L. THOMPSON RIVER NO.1
SVSLT2CO	ST. VRAIN SUPPLY CANAL T.O. TO L. THOMPSON RIVER NO.2
SVSHERCO	ST. VRAIN SUPPLY CANAL TO HERTHA CREEK
VIDTUNCO	VIDLER TUNNEL NEAR ARGENTINE PASS
WINDESCO	WIND RIVER NEAR ESTES PARK
WSDEARCO	WILSON SUPPLY DITCH NEAR EATON RESERVOIR

DIV II

CODE	NAME
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ARKCACCO	ARKANSAS RIVER AND CATLIN CANAL COMBINED
ARKCANCO	ARKANSAS RIVER AT CANYON CITY
ARKCATCO	ARKANSAS RIVER AT CATLIN DAM NEAR FOWLER
ARKGRNCO	ARKANSAS RIVER AT GRANITE
ARKLAJCO	ARKANSAS RIVER AT LA JUNTA
ARKNEPCO	ARKANSAS RIVER NEAR NEPESTA
ARKPORCO	ARKANSAS RIVER AT PORTLAND
ARKPUECO	ARKANSAS RIVER ABOVE PUEBLO
ARKSALCO	ARKANSAS RIVER AT SALIDA
ARKWELCO	ARKANSAS RIVER NEAR WELLSVILLE
BOUTUNCO	CHARLES H. BOUSTEAD TUNNEL
BUSTUNCO	BUSK-IVANHOE TUNNEL
CANSWKCO	CROOKED ARROYO NEAR SWINK
CATCANCO	CATLIN CANAL AT CATLIN DAM, NEAR FOWLER
CCACCRCO	CLEAR CREEK ABOVE CLEAR CREEK RESERVOIR
CCBCCRCO	CLEAR CREEK BELOW CLEAR CREEK RESERVOIR
CHCRNACO	CHALK CREEK AT NATHROP
COLDITCO	COLUMBINE DITCH
COCRBVCO	COTTONWOOD CREEK NEAR BUENA VISTA
CRBRLVCO	CUCHARAS RIVER AT BOYD RANCH NEAR LA VETA
EWIDITCO	EWING DITCH
GRAWESCO	GRAPE CREEK NEAR WESTCLIFFE
HOMTUNCO	HOMESTAKE TUNNEL
HURREDCO	HUERFANO RIVER NEAR REDWING
LAKATLCO	LAKE CREEK ABOVE TWIN LAKES RESERVOIR
LAKBTLCO	LAKE CREEK BELOW TWIN LAKES RESERVOIR
LARDITCO	LARKSPUR DITCH AT MARSHALL PASS
LFCBSLCO	LAKE FORK CREEK BELOW SUGAR LOAF DAM NR. LEADVILLE
NMCHIGCO	NINEMILE CANAL AT NINEMILE DAM NEAR HIGBEE
PURNICCO	PURGATOIRE R AT NINEMILE DAM, NR HIGBEE COMBINED
PURNINCO	PURGATOIRE RIVER AT NINEMILE DAM, NEAR HIGBEE
PURTRICO	PURGATOIRE RIVER AT TRINIDAD
TWITUNCO	TWIN LAKES TUNNEL
WURDITCO	WURTZ DITCH NEAR TENNESSEE PASS
WUREXDCO	WURTZ EXTENSION DITCH NEAR TENNESSEE PASS

DIV III

CODE	NAME
ALABELCO	ALAMOSA CREEK BELOW TERRACE RESERVOIR
ALATERCO	ALAMOSA CREEK ABOVE TERRACE RESERVOIR
CARLAGCO	CARNERO CREEK NEAR LA GARITA
CBPALACO	CLOSED BASIN PROJECT CANAL NEAR ALAMOSA
CONLASCO	COMBINED CONEJOS RIVER (NORLASCO SOULASCO)
CONMOGCO	CONEJOS RIVER NEAR MOGOTE
CONPLACO	CONEJOS RIVER BELOW PLATORO RESERVOIR
CULSANCO	CULEBRA CREEK AT SAN LUIS
DLFCMBCO	DON LA FONT DITCH, COMBINED, AT PIEDRA PASS
DLFDT1CO	DON LA FONT DITCH NO. 1 AT PIEDRA PASS
DLFDT2CO	DON LA FONT DITCH NO. 2 AT PIEDRA PASS
GOOWAGCO	GOOSE CREEK AT WAGONWHEEL GAP
KERVILCO	KERBER CREEK NEAR VILLA GROVE
LAGLAGCO	LA GARITA CREEK NEAR LA GARITA
LAJCAPCO	LAJARA CREEK AT GALLEGOS RANCH NEAR CAPULIN
LOSORTCO	LOS PINOS RIVER NEAR ORTIZ
NCLCONCO	NORTH CLEAR CREEK BELOW CONTINENTAL RESERVOIR
NOCRESCO	CRESTONE CREEK, NORTH NEAR CRESTONE
NORDLSCO	NORTON DRAIN NEAR LA SAUSES
NORDSCCO	SOUTH CHANNEL NORTON DRAIN DITCH NEAR LA SAUSES
NORLASCO	NORTH CHANNEL CONEJOS RIVER NEAR LASAUSES
PINDELCO	PINOS CREEK NEAR DEL NORTE
PRWDITCO	PINE RIVER WEMINUCHE PASS DITCH AT WEMINUCHE PASS
RIOALACO	RIO GRANDE RIVER AT ALAMOSA
RIODELCO	RIO GRANDE NEAR DEL NORTE
RIOLINCO	RIO GRANDE AT RIO GRANDE-ALAMOSA COUNTY LINE
RIOLOBCO	RIO GRANDE NEAR LOBATOS
RIOMILCO	RIO GRANDE AT THIRTY MILE BRIDGE
RIOMONCO	RIO GRANDE AT MONTE VISTA
RIOSFKCO	SOUTH FORK RIO GRANDE RIVER AT SOUTH FORK
RIOTRICO	RIO GRANDE RIVER ABOVE THE MOUTH OF TRINCHERA CREEK
SAGSAGCO	SAGUACHE CREEK NEAR SAGUACHE
SANFTGCO	SANGRE DE CRISTO CREEK NEAR FT. GARLAND
SANMANCO	SAN ANTONIO RIVER NEAR MANASSA
SANORTCO	SAN ANTONIO RIVER AT ORTIZ
SOULASCO	SOUTH CHANNEL CONEJOS RIVER NEAR LASAUSES
TABDITCO	TABOR DITCH AT SPRING CREEK PASS
TARBELCO	TARBELL DITCH NEAR COCHETOPA PASS
TREDITCO	TREASURE PASS DITCH AT WOLF CREEK PASS
TRIMTNCO	TRINCHERA CREEK ABOVE MOUNTAIN HOME RESERVOIR
TRISMICO	TRINCHERA CREEK BELOW SMITH RESERVOIR
TRITURCO	TRINCHERA CREEK AB. TURNER'S RANCH
UTEFTGCO	UTE CREEK NEAR FORT GARLAND
WCSBITCO	WILLIAM'S CREEK-SQUAW PASS DITCH AT SQUAW PASS
WEMDITCO	WEMINUCHE PASS DITCH AT WEMINUCHE PASS

DIV IV

CODE	NAME
ABCLATCO	ABC LATERAL
MUDAPRCO	MUDDY CREEK ABOVE PAONIA RESERVOIR
MUDBPRCO	MUDDY CREEK BELOW PAONIA RESERVOIR
RLCGRJCO	REDLANDS CANAL NR GRAND JUNCTION
SOUCANCO	SOUTH CANAL NR MONTROSE
UNCOLACO	UNCOMPAHGRE RIVER NEAR OLATHE

DIV V

CODE	NAME
CHAGULCO	CHAPMAN GULCH NEAR NAST
FRYIVLCO	FRYING PAN RIVER NEAR IVANHOE LAKE
FRYMERCO	FRYING PAN RIVER AT MEREDITH
FRYNFNCO	NORTH FORK FRYING PAN RIVER NEAR NORRIE
FRYSFUCO	FRYING PAN RIVER, SOUTH FORK AT UPPER STATION NEAR NORRIE
FRYTHOCO	FRYING PAN RIVER NEAR THOMASVILLE
IVCRNACO	IVANHOE CREEK NEAR NAST
RFCMERCOC	ROCKY FORK CREEK NEAR MEREDITH
ROABMCCO	ROARING FORK RIVER BELOW MAROON CREEK NEAR ASPEN

DIV VI

CODE	NAME
ILLRANCO	ILLINOIS RIVER NEAR RAND
MICGOUCO	MICHIGAN RIVER NEAR GOULD
WILBSLCO	WILSON CREEK BELOW STEAMBOAT LAKE

DIV VII

CODE	NAME
ANIHOWCO	ANIMAS RIVER NEAR HOWARDSVILLE
BLADIVCO	BLANCO DIVERSION NEAR PAGOSA SPRINGS
CHEREDCO	CHERRY CREEK AT THE MOUTH NEAR RED MESA
DOLBMCCO	DOLORES RIVER BELOW MCPHEE RESERVOIR
DOLTUNCO	DOLORES TUNNEL OUTLET NEAR DOLORES
ENTDITCO	ENTERPRISE DITCH AT THE COLO-NEW MEXICO STATELINE
FLOALECO	FLORIDA RIVER ABOVE LEMON RESERVOIR NEAR DURANGO
FLOBLECO	FLORIDA RIVER BELOW LEMON RESERVOIR
LAPHESCO	LA PLATA RIVER AT HESPERUS
LAPMEXCO	LA PLATA RIVER AT THE COLORADO/NEW MEXICO LINE
LONREDCO	LONG HOLLOW AT THE MOUTH NEAR RED MESA
LOSODVCO	LITTLE OSO DIVERSION NEAR CHROMO
LPCDITCO	LA PLATA AND CHERRY CREEK DITCH NEAR HESPERUS
MANMANCO	MANCOS RIVER NEAR MANCOS
MVIDIVCO	LONE PINE CANAL BELOW GREAT CUT DIKE NEAR DOLORES
NAVBANCO	NAVAJO RIVER AT BANDED PEAKS RANCH NEAR CHROMO
NAVOSOCO	NAVAJO RIVER BELOW OSO DIVERSION DAM NEAR CHROMO
OSODIVDO	OSO DIVERSION NEAR CHROMO
PINDITCO	PINE RIDGE DITCH NEAR HESPERUS
PIODITCO	PIONEER DITCH AT THE COLORADO-NEW MEXICO STATELINE
RIOBLACO	RIO BLANCO BELOW BLANCO DIVERSION DAM NEAR PAGOSA
RIOMOUCO	RIO BLANCO AT THE MOUTH NEAR TRUJILLO