

GREEN RIVER BASIN

1

09309600 FAIRVIEW TUNNEL NEAR FAIRVIEW, UT (Transmountain diversion)

LOCATION.--Lat 39°40'03", long 111°18'41", in NW¹/₄NW¹/₄NE¹/₄ sec. 25, T. 13 S., R. 5 E., Sanpete County, Hydrologic Unit 14060007, on right bank 1,000 ft upstream from tunnel portal, 7.3 mi east-northeast of Fairview.

PERIOD OF RECORD.--July 1967 to current year. Seasonal records only. (July to September 1967, gage height only.)

GAGE.--Water-stage recorder and Parshall flume. Elevation of gage is 8,660 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Fairview Tunnel diverts from San Rafael River and Price River drainages in the Colorado River Basin to San Pitch River in the Great Basin. Due to the location of the gage, reported flow may not be actual flow through tunnel.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 66 ft³/s, Jun 17, 1993, gage height, 2.46 ft; no flow many days each year.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	e0.32	e1.2	e0.00	12	14	8.3
2	---	---	---	---	---	---	e0.38	e1.4	e0.00	12	14	8.2
3	---	---	---	---	---	---	e0.30	e2.5	0.00	12	14	8.0
4	---	---	---	---	---	---	e0.14	e2.3	0.00	12	13	6.7
5	---	---	---	---	---	---	e0.17	e1.8	2.7	12	11	5.9
6	---	---	---	---	---	---	e0.19	e1.5	5.7	13	12	0.46
7	---	---	---	---	---	---	e0.19	e2.1	5.3	12	13	0.94
8	---	---	---	---	---	---	e0.22	e2.0	5.1	12	13	5.1
9	---	---	---	---	---	---	e0.36	e1.7	4.7	12	12	5.3
10	---	---	---	---	---	---	e0.42	e1.7	4.4	13	11	5.5
11	---	---	---	---	---	---	e0.56	e1.3	4.3	14	11	5.3
12	---	---	---	---	---	---	e0.63	e2.1	4.2	16	10	5.2
13	---	---	---	---	---	---	e0.80	e7.6	4.0	15	10	5.1
14	---	---	---	---	---	---	e0.92	e11	3.7	15	10	5.1
15	---	---	---	---	---	---	e0.76	e20	3.5	15	10	5.1
16	---	---	---	---	---	---	e0.35	e28	3.4	16	10	5.1
17	---	---	---	---	---	---	e0.59	31	3.3	16	10	5.2
18	---	---	---	---	---	---	e0.55	e37	3.1	16	9.9	5.3
19	---	---	---	---	---	---	e0.61	21	3.8	15	9.6	5.2
20	---	---	---	---	---	---	e0.56	e5.0	8.6	15	9.5	5.0
21	---	---	---	---	---	---	e0.64	e1.5	8.2	15	9.5	5.0
22	---	---	---	---	---	---	e0.47	0.91	7.8	15	9.7	4.9
23	---	---	---	---	---	---	e0.33	0.89	7.3	15	8.6	4.9
24	---	---	---	---	---	---	e1.0	1.6	7.6	15	7.3	4.8
25	---	---	---	---	---	---	e1.6	1.4	7.1	15	6.7	3.8
26	---	---	---	---	---	---	e1.9	1.3	6.9	14	6.3	0.42
27	---	---	---	---	---	---	e1.7	1.2	7.0	14	5.7	0.26
28	---	---	---	---	---	---	e1.5	1.1	9.8	14	5.1	0.25
29	---	---	---	---	---	---	e1.6	1.0	11	14	4.6	0.25
30	---	---	---	---	---	---	e1.4	1.1	12	14	6.0	0.26
31	---	---	---	---	---	---	---	e0.30	---	14	8.2	---
TOTAL	---	---	---	---	---	---	21.16	194.50	154.50	434	304.7	130.84
MEAN	---	---	---	---	---	---	0.71	6.27	5.15	14.0	9.83	4.36
MAX	---	---	---	---	---	---	1.9	37	12	16	14	8.3
MIN	---	---	---	---	---	---	0.14	0.30	0.00	12	4.6	0.25
AC-FT	---	---	---	---	---	---	42	386	306	861	604	260

e Estimated