09044300 BEMROSE-HOOSIER DIVERSION NEAR HOOSIER PASS, CO

LOCATION.--Lat 39°22'50", long 106°04'13", in NE¼SE¼ sec.2, T.8 S., R.78 W., Summit County, Hydrologic Unit 14010002, on right bank at entrance to Hoosier Pass Tunnel, 1.4 mi northwest of Hoosier Pass, 1.6 mi downstream from diversion point on Bemrose Creek, and 7 mi southwest of Breckenridge.

PERIOD OF RECORD.--October 1957 to current year (seasonal records only). For a complete listing of historical data available for this site, see http://waterdata.usgs.gov/co/nwis/inventory/?site_no=09044300

GAGE.--Water-stage recorder with satellite telemetry, and Parshall flume. Elevation of gage is 10,986 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. This is a transmountain diversion from Bemrose and Hoosier Creeks in Blue River Basin through Hoosier Pass Tunnel to South Platte River Basin from which it is again diverted to South Catamount Creek in the Arkansas River Basin. Water is for municipal use by city of Colorado Springs. Diversion points are in SW¼SW¼ sec.6, T.8 S., R.77 W., and in sec.12, T.8 S., R.78 W. The entire flow is regulated by diversion gates.

COOPERATION.--Gage-height record collected in cooperation with City of Colorado Springs.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 44 ft^3/s, June 21, 1965; no flow for most of each year.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	---	---	---	---	---	0.00	1.1	4.9	5.2	1.7	e0.00
2	0.00	---	---	---	---	---	e0.00	1.2	5.1	5.0	1.7	e0.00
3	0.00	---	---	---	---	---	e0.00	1.5	5.5	4.5	1.7	e0.00
4	0.00	---	---	---	---	---	e0.00	2.0	6.4	4.2	1.6	e0.00
5	0.00	---	---	---	---	---	e0.00	2.8	7.8	4.1	1.6	e0.00
6	0.00	---	---	---	---	---	e0.00	3.1	9.2	4.1	1.5	e0.00
7	0.00	---	---	---	---	---	e0.00	3.3	9.4	3.6	1.4	e0.00
8	0.00	---	---	---	---	---	e0.85	3.6	8.8	3.7	1.4	e0.00
9	0.00	---	---	---	---	---	e0.97	3.4	9.1	3.5	e0.83	e0.00
10	0.00	---	---	---	---	---	e0.00	3.5	8.6	3.4	e0.00	e0.00
11	0.00	---	---	---	---	---	e0.00	4.0	7.4	3.2	e0.00	e0.00
12	0.00	---	---	---	---	---	e0.00	2.7	6.7	3.1	e0.00	e0.00
13	0.00	---	---	---	---	---	e0.00	2.2	6.4	3.1	e0.00	e0.00
14	0.00	---	---	---	---	---	e1.0	1.9	6.5	3.3	e0.00	e0.00
15	0.00	---	---	---	---	---	e1.1	2.0	6.3	3.1	e0.00	e0.00
16	0.00	---	---	---	---	---	e1.0	2.2	6.2	3.0	e0.00	e0.00
17	0.00	---	---	---	---	---	1.2	2.0	6.0	2.6	e0.00	e0.00
18	0.00	---	---	---	---	---	1.3	2.6	6.2	2.4	e0.00	e0.00
19	0.00	---	---	---	---	---	e1.1	4.4	6.0	2.4	e0.00	e0.00
20	0.00	---	---	---	---	---	e0.00	5.7	5.7	2.3	e0.00	e0.00
21	0.00	---	---	---	---	---	e0.00	6.1	5.8	2.2	e0.20	e0.00
22	0.00	---	---	---	---	---	e0.00	5.7	5.5	2.2	1.4	e0.56
23	0.00	---	---	---	---	---	e0.00	5.2	5.1	2.2	1.4	e1.0
24	0.00	---	---	---	---	---	e0.00	5.1	4.9	2.2	1.3	1.3
25	0.00	---	---	---	---	---	e0.00	5.2	4.9	2.1	e0.35	1.3
26	0.00	---	---	---	---	---	e0.00	4.9	4.9	2.0	e0.00	1.3
27	0.00	---	---	---	---	---	e1.0	e4.9	4.9	1.9	e0.00	1.3
28	0.00	---	---	---	---	---	1.2	5.4	4.9	1.9	e0.00	1.3
29	0.00	---	---	---	---	---	1.2	5.5	5.5	1.9	e0.00	e0.63
30	0.00	---	---	---	---	---	1.1	5.2	5.7	1.8	e0.00	e0.00
31	0.00	---	---	---	---	---	---	4.9	---	1.8	e0.00	---
TOTAL	0.00	---	---	---	---	---	13.02	113.3	190.3	92.0	18.08	8.69
MEAN	0.00	---	---	---	---	---	0.43	3.65	6.34	2.97	0.58	0.29
MAX	0.00	---	---	---	---	---	1.3	6.1	9.4	5.2	1.7	1.3
MIN	0.00	---	---	---	---	---	0.00	1.1	4.9	1.8	0.00	0.00
AC-FT	0.00	---	---	---	---	---	26	225	377	182	36	17

e Estimated.