06700000 SOUTH PLATTE RIVER ABOVE CHEESMAN LAKE, CO

LOCATION.--Lat 39°09'46", long 105°18'35", in T.10 S., R.71 W., Douglas County, Hydrologic Unit 10190002, on right bank about 200 ft upstream from high water mark of Cheesman Lake, and 8.0 mi south-southwest of Deckers.

DRAINAGE AREA.--1628 mi^2, of which 11.9 mi^2 is noncontributing.

PERIOD OF RECORD.--July 1899 to December 1901, October 1924 to September 1943 (no winter records in water years 1931-33, 1935-39, 1942-43). August 2002 to current year (seasonal records only). Published as South Fork South Platte River at Lake Cheesman, 1899; "below Lake Cheesman", 1900; and South Fork South Platte River at Cheesman, 1901. For a complete listing of historical data available for this site, see http://waterdata.usgs.gov/co/nwis/ inventory/?site_no=06700000

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 6,845 ft above NGVD of 1929, from topographic map. July 31, 1899 to Dec. 31, 1901, staff gage at site within 4.5 mi downstream at different datum.

REMARKS.--No estimated daily discharges. Records fair. Natural flow of stream affected by minor transmountain diversion from Colorado River Basin through Boreas Pass Ditch, Antero and Elevenmile Canyon Reservoirs, diversions for irrigation of about 40,000 acres, and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD (seasonal only).--Maximum discharge, 4,690 ft^3/s, July 28, 2003, gage height, 11.54 ft; minimum daily, 3 ft^3/s, Jan. 9, 12, 1925, but may have been less during periods of no gage-height record.

EXTREMES FOR CURRENT YEAR (seasonal only).--Maximum discharge, 512 ft^3/s, July 16, gage height, 6.33 ft; minimum daily, 53 ft^3/s, Apr. 2.

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	---	---	---	---	---	---	54	100	138	224	170	132
2	---	---	---	---	---	---	53	92	145	183	160	136
3	---	---	---	---	---	---	66	87	151	160	148	132
4	---	---	---	---	---	---	63	83	153	155	140	131
5	---	---	---	---	---	---	56	82	156	152	143	126
6	---	---	---	---	---	---	54	80	147	151	144	131
7	---	---	---	---	---	---	60	79	139	151	150	125
8	---	---	---	---	---	---	67	78	183	143	162	122
9	---	---	---	---	---	---	81	75	170	139	158	124
10	---	---	---	---	---	---	89	76	170	151	152	114
11	---	---	---	---	---	---	88	88	214	140	140	116
12	---	---	---	---	---	---	88	104	224	138	137	112
13	---	---	---	---	---	---	85	126	224	129	125	112
14	---	---	---	---	---	---	86	152	222	158	126	114
15	---	---	---	---	---	---	83	171	223	151	130	110
16	---	---	---	---	---	---	79	171	236	204	129	113
17	---	---	---	---	---	---	73	167	244	226	122	110
18	---	---	---	---	---	---	66	170	276	209	127	110
19	---	---	---	---	---	---	59	162	246	212	148	113
20	---	---	---	---	---	---	57	153	222	251	159	113
21	---	---	---	---	---	---	56	133	218	248	163	112
22	---	---	---	---	---	---	64	142	226	248	164	116
23	---	---	---	---	---	---	76	144	213	289	169	113
24	---	---	---	---	---	---	81	132	209	296	166	112
25	---	---	---	---	---	---	96	128	197	275	156	120
26	---	---	---	---	---	---	99	135	211	252	146	117
27	---	---	---	---	---	---	98	151	231	247	152	127
28	---	---	---	---	---	---	100	154	253	242	140	141
29	---	---	---	---	---	---	102	148	246	187	126	148
30	---	---	---	---	---	---	103	144	250	172	128	148
31	---	---	---	---	---	---	---	143	---	173	127	---
TOTAL	---	---	---	---	---	---	2,282	3,850	6,137	6,056	4,507	3,650
MEAN	---	---	---	---	---	---	76.1	124	205	195	145	122
MAX	---	---	---	---	---	---	103	171	276	296	170	148
MIN	---	---	---	---	---	---	53	75	138	129	122	110
AC-FT	---	---	---	---	---	---	4,530	7,640	12,170	12,010	8,940	7,240