BILL WILLIAMS RIVER BASIN

09426620 BILL WILLIAMS RIVER NEAR PARKER, AZ

LOCATION.--Lat 34°15'45", long 114°01'37", in NE1/4SE1/4SE1/4 sec. 28, T.11 N., R.17 W., La Paz County, Hydrologic Unit 15030204, on left bank 1.8 mi downstream from Mineral Wash and Havasu National Wildlife Refuge boundary, 5.3 mi upstream from mouth, 17 mi northeast of Parker, and approximately 31 mi downstream from Alamo Dam.

DRAINAGE AREA.--5,337 mi^2, of which 703 mi^2 is below Alamo Dam and 10 mi^2 is noncontributing.

PERIOD OF RECORD.--Oct. 1988 to current year.

REVISED RECORDS.--WDR AZ–91–1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 500.00 ft above sea level (Bureau of Reclamation benchmark).

REMARKS.--Records poor. Diversions above station for irrigation, mostly by pumping from ground water. Flow regulated by Alamo Dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 6,800 ft^3/s Mar. 17–26, 1993; no flow for many days most years.

EXTREMES OUTSIDE PERIOD OF RECORD.--The history of floods that occurred at a former site located about 3 mi upstream is published in WSP 1683, Bill Williams River at Planet (sta 09426500).

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 1,090 ft^3/s September 19. Minimum daily discharge, no flow for many days.

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	0.00	0.00	3.6	6.4	2.8	0.00	0.00	0.00	e0.00	0.00
2	0.00	0.00	0.00	0.00	3.7	6.5	2.7	0.00	0.00	0.00	e0.00	0.00
3	0.00	0.00	0.00	0.00	3.9	6.5	3.0	0.00	0.00	0.00	e0.00	0.00
4	0.00	0.00	0.00	0.00	3.9	6.5	3.3	0.00	0.00	0.00	e0.00	0.00
5	0.00	0.00	0.00	0.00	3.9	6.3	3.3	0.00	0.00	0.00	e0.00	0.00
6	0.00	0.00	0.00	0.00	3.9	6.0	3.1	0.00	0.00	0.00	e0.00	0.00
7	0.00	0.00	0.00	0.00	4.0	5.9	2.9	0.00	0.00	0.00	e0.00	0.00
8	0.00	0.00	0.00	0.00	4.1	5.7	2.8	0.00	e0.00	e0.00	e0.00	43
9	0.00	0.00	0.00	0.00	4.2	5.6	2.8	0.00	e0.00	e0.00	e0.00	0.54
10	0.00	0.00	0.00	0.00	4.2	5.5	2.5	0.00	e0.00	e0.00	e0.00	0.00
11	0.00	0.00	0.00	0.00	4.3	5.4	2.4	0.00	e0.00	e0.00	e0.00	0.00
12	0.00	0.00	0.00	0.00	4.3	5.2	2.3	0.00	e0.00	e0.00	e0.00	0.00
13	0.00	0.00	0.00	0.00	4.2	5.1	2.2	0.00	e0.00	e0.00	e0.00	0.00
14	0.00	0.00	0.00	0.13	4.3	4.8	2.1	0.00	e0.00	e0.00	e0.00	0.00
15	0.00	0.00	0.00	1.3	4.5	4.6	1.9	0.00	e0.00	e0.00	e0.00	0.00
16	0.00	0.00	0.00	1.9	4.6	4.6	1.8	0.00	e0.00	e0.00	e0.00	0.00
17	0.00	0.00	0.00	2.1	4.6	4.5	1.7	0.00	e0.00	e0.00	e0.00	0.00
18	0.00	0.00	0.00	2.3	4.8	4.3	1.5	0.00	e0.00	e0.00	e0.00	0.00
19	0.00	0.00	0.00	2.6	5.0	4.3	1.4	0.00	e0.00	e0.00	e0.00	1090
20	0.00	0.00	0.00	2.7	5.1	4.1	1.3	0.00	e0.00	e0.00	e0.00	3.3
21	0.00	0.00	0.00	2.8	5.3	3.9	1.2	0.00	e0.00	e0.00	e0.00	1.5
22	0.00	0.00	0.00	2.8	5.4	3.7	0.89	0.00	e0.00	e0.00	e0.00	1.1
23	0.00	0.00	e0.00	3.3	5.6	3.6	0.64	0.00	e0.00	e0.00	e0.00	0.94
24	0.00	0.00	e0.00	3.8	5.7	3.5	0.43	0.00	e0.00	e0.00	e0.00	0.85
25	0.00	0.00	e0.00	3.1	5.9	3.4	0.26	0.00	0.00	e0.00	e0.00	0.84
26	0.00	0.00	e0.00	2.6	6.1	3.3	0.07	0.00	0.00	e0.00	e0.00	0.82
27	0.00	0.00	e0.00	3.2	6.2	3.2	0.00	0.00	0.00	e0.00	e0.00	0.77
28	0.00	0.00	e0.00	3.3	6.2	3.1	0.00	0.00	0.00	e0.00	e0.00	0.73
29	0.00	0.00	e0.00	3.4	6.2	3.0	0.00	0.00	0.00	e0.00	e0.00	0.71
30	0.00	0.00	0.00	3.5	---	3.0	0.00	0.00	0.00	e0.00	e0.00	0.73
31	0.00	---	0.00	3.6	---	2.8	---	0.00	---	e0.00	e0.00	---
TOTAL	0.00	0.00	0.00	48.43	137.7	144.3	51.29	0.00	0.00	0.00	0.00	1145.83
MEAN	0.00	0.00	0.00	1.56	4.75	4.65	1.71	0.00	0.00	0.00	0.00	38.2
MAX	0.00	0.00	0.00	3.8	6.2	6.5	3.3	0.00	0.00	0.00	0.00	1090
MIN	0.00	0.00	0.00	0.00	3.6	2.8	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	96	273	286	102	0.00	0.00	0.00	0.00	2270

CAL YR 2003 TOTAL 630.66 MEAN 1.73 MAX 7.4 MIN 0.00 AC-FT 1250
WTR YR 2004 TOTAL 1527.55 MEAN 4.17 MAX 1090 MIN 0.00 AC-FT 3030

e Estimated