DIVERSIONS AND RETURN FLOWS BETWEEN DAVIS DAM AND PARKER DAM

09423550 TOPOCK MARSH INLET NEAR NEEDLES, CA

LOCATION.--Lat 34°50'10", long 114°35'03", in NE1/4NW1/4 sec. 33, T.9 N., R.23 E., San Bernardino meridian, in Mohave County, AZ, Hydrologic Unit 15030101, on left bank of Colorado River on north side of intake structure, 1.3 mi east of Needles.

PERIOD OF RECORD.--Jan. 1967 to current year.

GAGE.--Water-stage recorders above and below intake gates and on intake gates to record head and gate openings. Datum of gages is 400.00 ft above sea level.

REMARKS.--Records poor. Topock Marsh inlet diverts water from the Colorado River into Topock Marsh, an area of 4,260 acres. This water flows through the marsh and returns to the Colorado River through the Topock Marsh outlet. The U.S. Fish and Wildlife Service operate the gate settings that control the flow into marsh. Monthly total return flows through the outlet, sta 09423650, Topock Marsh Outlet near Topock, AZ, are shown in the table below. Prior to June 1978, daily flows for this station were published separately.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 286 ft^3/s Mar. 31, 1995; no flow at times in most years.

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	85	53	22	8.7	e16	77	125	129	120	99	74	e66
2	57	28	25	0.28	e16	66	166	127	126	96	64	e66
3	63	18	25	8.8	e14	27	139	129	117	99	65	e66
4	49	12	43	10	e12	46	81	135	122	83	64	e66
5	56	34	97	6.6	e24	48	120	138	129	62	57	e66
6	52	62	90	0.00	e35	76	127	134	130	82	48	e66
7	73	36	49	9.8	e41	59	112	134	134	82	46	e66
8	74	20	17	13	e45	76	99	116	121	81	48	e66
9	56	24	17	15	e42	76	109	105	100	82	53	e66
10	46	21	13	12	e44	115	114	99	99	83	69	e66
11	24	15	18	27	e37	112	122	140	83	82	70	e66
12	15	17	15	18	e43	101	120	133	91	83	e63	e66
13	13	17	18	22	e45	146	122	103	107	94	e63	e66
14	27	14	22	27	e44	111	130	110	120	81	e63	e66
15	49	15	17	12	e42	95	122	101	113	83	e63	e66
16	25	12	9.9	11	e41	127	129	109	77	86	e63	e66
17	22	11	13	15	e32	105	120	108	100	92	e63	e66
18	50	10	9.1	24	e30	119	118	110	91	92	e63	e66
19	71	7.3	9.9	42	e31	129	109	107	124	94	e63	e66
20	76	7.8	15	21	e34	130	125	91	125	121	e63	e66
21	98	6.3	15	8.8	e39	125	118	81	100	86	e63	e66
22	95	5.3	7.8	9.9	e48	90	110	79	105	86	e63	e66
23	73	9.4	9.7	13	e47	179	116	94	90	79	e63	e66
24	67	18	14	36	e52	158	113	94	96	87	e63	e66
25	50	35	8.1	15	e49	95	116	95	103	83	e63	e66
26	48	38	12	32	e52	158	118	105	105	83	e63	e66
27	48	24	22	20	e42	157	105	104	107	105	e63	e66
28	32	24	9.7	12	e42	127	110	108	117	96	e63	e66
29	45	25	9.1	9.1	e44	78	122	113	112	90	e63	e66
30	88	25	9.1	20	---	139	124	110	152	79	e63	e66
31	67	---	12	36	---	132	---	122	---	60	e63	---
TOTAL	1694	644.1	673.4	514.98	1083	3279	3561	3463	3316	2691	1918	1980
MEAN	54.6	21.5	21.7	16.6	37.3	106	119	112	111	86.8	61.9	66.0
MAX	98	62	97	42	52	179	166	140	152	121	74	66
MIN	13	5.3	7.8	0.00	12	27	81	79	77	60	46	66
AC-FT	3360	1280	1340	1020	2150	6500	7060	6870	6580	5340	3800	3930

CAL YR 2003 TOTAL 22446.66 MEAN 61.5 MAX 171 MIN 0.00 AC-FT 44520
WTR YR 2004 TOTAL 24817.48 MEAN 67.8 MAX 179 MIN 0.00 AC-FT 49230

e Estimated