COLORADO RIVER MAIN STEM

09404200 COLORADO RIVER ABOVE DIAMOND CREEK NEAR PEACH SPRINGS, AZ

LOCATION.--Lat 35° 46'25", long 113° 21'46", sec. 33, T.28 N., R.10 W., unsurveyed, Mohave County, Hydrologic Unit 15010002, in Lake Mead National Recreation Area, on the right bank, 0.6 mi upstream from Diamond Creek, 138 mi downstream from Phantom Ranch, 25 mi north of Peach Springs, 242 mi downstream from Glen Canyon Dam, and 130 mi upstream from Hoover Dam.

DRAINAGE AREA.--149,316 mi^2, including 3,959 mi^2 in Great Divide basin in southern Wyoming, and 697 mi^2 on the Colorado Plateau, which are noncontributing.

PERIOD OF RECORD.--June 1983 to Dec. 1983, Sept. 1985 to Feb. 1986, Oct. 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,340 ft above sea level, from topographic map.

REMARKS.--Records good, except for estimated daily discharges which are fair. Flow regulated since Mar. 13, 1963, by Lake Powell 242 mi upstream. Many diversions above Lake Powell for irrigation, municipal, and industrial use. Several unregulated tributaries below Glen Canyon Dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 97,000 ft^3/s, June 30, 1983, gage height, unknown; minimum 3,710 ft^3/s, Mar. 21, 1990, gage height, 43.89 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1868, about 300,000 ft^3/s, about July 8, 1884, based on flow studies at Lees Ferry.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 21,600 ft^3/s Sept.12 at 1245, gage height, 51.90 ft. Minimum daily discharge, 7,880 ft^3/s Oct. 2.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8490	10800	11600	11800	14400	11800	9860	10900	8780	12900	16700	16100
2	7880	10900	11700	14800	14400	11700	9860	11000	8770	12500	16600	15300
3	10400	e11000	14700	12500	12100	e11800	10900	10800	12500	16000	15900	9980
4	10800	e11000	11200	14800	10600	e10300	10900	10900	12500	16200	15900	8430
5	10700	e10300	14800	14600	10200	e10000	10900	11400	13800	16100	15300	9090
6	10800	e9800	15100	14800	11800	10400	10900	10700	13900	14100	14500	9160
7	10900	11100	15000	12800	11900	10500	11000	10000	13600	15700	15600	9200
8	10800	11100	14700	11900	11700	10600	10000	11100	13600	15300	16000	10700
9	8600	11000	14700	14500	11500	10700	9950	11000	13600	14100	16300	12100
10	10500	10800	13800	14600	11600	10700	10900	10900	12700	15600	16600	11000
11	11100	11100	10700	14700	10600	10100	10900	10900	12400	15600	16200	10100
12	11100	10700	14400	14700	10200	9910	10900	11000	13600	15600	15100	16400
13	10900	9590	14600	14800	12000	10600	11200	10400	13600	16500	14500	13200
14	10900	11000	14700	13000	12000	10500	11000	9980	13600	16300	15800	11000
15	10800	11000	14500	11700	12000	10600	10200	10900	13700	16200	15800	10900
16	8540	11100	14500	14300	11900	10700	9900	11000	13700	14600	15900	10700
17	10400	11100	14100	14200	11900	10700	10900	11000	12800	16400	16000	11400
18	10900	10900	10900	14800	10700	10200	10900	11100	12400	16400	16000	11800
19	10900	10800	14300	14600	10400	10100	10900	10900	13600	16400	15200	10200
20	10900	9930	14500	14600	11900	11000	11000	10700	13700	16400	14500	9510
21	11000	11100	14900	12500	12000	10700	11100	9990	13700	16000	16300	9310
22	10800	11100	14800	11600	12000	10600	10300	10600	13700	15900	16000	9230
23	8570	11000	14700	14500	11900	10700	10000	10900	13900	14300	15300	8620
24	10500	10100	14200	14600	12000	10700	11200	11000	13000	16100	15800	8300
25	10800	11100	11000	14600	10700	9790	11100	10900	12300	16500	15800	9020
26	10900	11100	14400	14600	10400	9920	11100	9070	13600	16100	15100	9350
27	10900	10000	11400	14600	11900	10400	11100	8780	13700	16000	14300	9160
28	10900	11600	14300	12500	12000	10400	11000	8770	13700	16200	15900	9010
29	10800	11600	14700	12700	---	10700	10200	8770	13700	15900	16200	8970
30	8590	11800	14800	14700	---	10600	9920	8800	13700	14500	16100	8260
31	10500	---	14100	14300	---	10600	---	8740	---	16400	16000	---
TOTAL	320570	325520	427800	429700	326700	328020	319990	322900	391850	482800	487200	315500
MEAN	10340	10850	13800	13860	11670	10580	10670	10420	13060	15570	15720	10520
MAX	11100	11800	15100	14800	14400	11800	11200	11400	13900	16500	16700	16400
MIN	7880	9590	10700	11600	10200	9790	9860	8740	8770	12500	14300	8260
AC-FT	635900	645700	848500	852300	648000	650600	634700	640500	777200	957600	966400	625800

CAL YR 2001 TOTAL 4430600 MEAN 12140 MAX 17200 MIN 7600 AC-FT 8788000
WTR YR 2002 TOTAL 4478550 MEAN 12270 MAX 16700 MIN 7880 AC-FT 8883000

e Estimated

09404200 COLORADO RIVER ABOVE DIAMOND CREEK NEAR PEACH SPRINGS, AZ—CONTINUED

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1983 to Dec. 1983, Sept. 1985 to Feb. 1985, Sept. 1989 to Apr. 1993, and Nov. 1996 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Aug. 1990 to Apr. 1993.
pH: Aug. 1990 to Apr. 1993.
WATER TEMPERATURES: Aug. 1990 to Apr. 1993.
DISSOLVED-OXYGEN CONCENTRATION: Aug. 1990 to Apr. 1993.
SUSPENDED-SEDIMENT DISCHARGE: Aug. 1990 to Apr. 1993.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	Sample type	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV													
15...	1205	9	12200	730	11.6	111	8.2	850	19.5	11.5	110	260	65.7
15...	1215	7	12200	--	--	--	--	--	19.5	11.5	--	--	--
DEC													
13...	1045	9	16200	740	11.1	98	8.3	838	6.5	8.5	110	260	64.8
13...	1055	7	16200	--	--	--	--	--	6.5	8.5	--	--	--
JAN													
15...	1050	9	11700	--	10.9	94	8.2	802	12.9	9.2	100	240	60.9
15...	1100	7	11700	--	10.9	--	8.3	802	12.9	9.2	--	--	--
MAR													
14...	1145	9	10900	728	10.7	100	8.4	923	13.7	10.6	130	270	68.9
14...	1155	7	10900	--	--	--	--	--	13.7	10.6	--	--	--
APR													
17...	1010	9	10900	725	S11.6f	S108f	8.5	898	24.1	14.1	120	280	70.6
17...	1020	7	10900	--	--	--	--	--	24.1	14.1	--	--	--
JUN													
04...	1035	9	12700	728	8.7	95	8.1	936	36.5	17.0	130	270	67.7
04...	1045	7	12700	--	--	--	--	--	36.5	17.0	--	--	--
26...	1105	9	15300	727	10.7	116	8.2	890	30.0	17.0	140	280	71.5
26...	1115	7	15300	727	10.7	116	8.3	892	30.0	17.0	140	280	71.2
AUG													
14...	0830	9	18400	730	10.2	108	7.9	859	34.5	16.0	140	270	70.6
14...	0840	7	18400	--	--	--	--	--	34.5	16.0	--	--	--

Date	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)
NOV													
15...	23.0	3.50p	2	75.9	145	173	2	.04	68.9	.3	7.77	179	.73
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
13...	22.8	3.26	2	75.0	144	172	2	.04	68.2	.3	7.69	177	.75
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
15...	22.3	3.34	2	66.8	141	168	1	.04	57.6	.3	7.27	180	.68
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
14...	24.4	3.60	2	79.2	147	174	2	.04	77.5	.3	7.19	201	.81
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
17...	25.4	3.43	2	83.4	158	186	3	.04	76.5	.3	7.21	203	.81
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
04...	24.6	3.38	2	85.0	146	174	2	.04	82.7	.3	7.21	198	.82
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	24.5	3.30	2	80.6	140	167	1	E.02	70.9	.3	7.50	197	.76
26...	24.3	3.18	2	80.3	139	166	2	E.02	69.4	.3	7.45	196	.77
AUG													
14...	23.5	3.48	2	81.7	133	160	1	E.02n	63.9	.3	7.84	194	.73
14...	--	--	--	--	--	--	--	--	--	--	--	--	--

09404200 COLORADO RIVER ABOVE DIAMOND CREEK NEAR PEACH SPRINGS, AZ—CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN DIS-SOLVED (MG/L AS N) (00602)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
NOV													
15...	536	513	E.008	.15	.18	.39	.237	<.002	.42	<.004	<.007	.006r	2.5
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
13...	554	507	E.014	.13	.21	.40	.274	<.002	.48	<.004	<.007	.034	2.4
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
15...	500	484	<.015	.16	.17	.30	.147	<.002	.31	E.003	<.007	.006	2.9
15...	--	--	<.015	.17	.16	.32	.146	<.002	.31	E.003	<.007	.013	2.8
MAR													
14...	594	552	<.015	E.10	.14	--	.275	<.002	.42	<.004	<.007	.011	2.7
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
17...	597	566	E.013	.13	.17	.36	.235	<.002	.41	<.004	<.007	.011	1.5
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
04...	604	558	E.011	.17	.19	.42	.250	<.002	.44	<.004	<.007	.021	2.8
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	562	541	E.008	.15	.23	.41	.260	<.002	.49	<.004	<.007	.006	1.6
26...	569	537	<.015	.14	.11	.40	.259	<.002	.37	<.004	<.007	.005	1.7
AUG													
14...	539	527	<.015	.13	.36	.43	.296	<.002	.65	E.004	<.007	.191	2.0
14...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
NOV													
15...	.8	1	.23	1.6	85	<.06	70	.20r	<.8	.15	1.2	<10	1.42r
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
13...	1.4	2	.18	1.7	85	<.06	97	<.04	<.8	.16	1.4	<10	<.08
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
15...	.2	1	.21	1.9	80	<.06	86	<.04	<.8	.13	1.1	<10	<.08
15...	.8	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
14...	.5	<1	.36	2.4	88	<.06	93	E.02	<.8	.15	1.6	<10	E.04
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
17...	.5	1	.25	2.1	84	<.06	104	<.04	<.8	.11	1.6	<10	E.06
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
04...	.8	<1	.16	2.1	87	<.06	95	<.04	<.8	.21	1.7	<10	E.05
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	.7	<1	.22	2.0	90	<.06	91	<.04	<.8	.14	1.7	<10	<.08
26...	.9	<1	.22	2.0	90	<.06	89	<.04	<.8	.13	1.7	<10	<.08
AUG													
14...	1.9	2	.16	1.8	133	<.06	78	<.04	<.8	.17	1.5	<10	<.08
14...	--	--	--	--	--	--	--	--	--	--	--	--	--

09404200 COLORADO RIVER ABOVE DIAMOND CREEK NEAR PEACH SPRINGS, AZ—CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ALPHA COUNT, 2 SIGMA WAT DIS AS TH-230 (PCI/L) (75987)	ALPHA RADIO. WATER DISS AS TH-230 (PCI/L) (04126)	BETA, 2 SIGMA WATER, DISS, AS CS-137 (PCI/L) (75989)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137) (03515)
NOV													
15...	33.6	.6	3.6	1.45	1.6	<1	707	1.7	<1	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
13...	37.6	1.1	3.6	1.00	2.0	<1	732	2.3	8	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
15...	34.2	.7	3.8	1.01	2.1	<1	715	3.0	1	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
14...	36.3	1.3	5.6	1.17	3.8	<1	789	1.6	2	--	--	--	--
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
17...	35.7	.6	4.0	.59	2.5	<1	770	2.2	1	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
04...	37.9	2.8	3.9	.70	2.5	<1	753	2.0	<1	--	--	--	--
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	36.3	.8	4.2	.42	2.6	<1	765	2.3	4	--	--	--	--
26...	36.8	.8	4.1	.38	2.5	<1	763	2.2	3	--	--	--	--
AUG													
14...	30.3	.1	4.0	1.76	2.0	<1	813	2.8	1	2.7	5	3.4	8
14...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	RA-226 2 SIGMA WATER, DISS, (PCI/L) (76001)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L) (09511)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	U-234 2 SIGMA WATER, DISS, (PCI/L) (75992)	URANIUM -234 WATER DISSOLV (PCI/L) (22610)	U-235 2 SIGMA WATER, DISS, (PCI/L) (75994)	URANIUM -235 WATER, DISS (PCI/L) (22620)	U-238 2 SIGMA WATER, DISS, (PCI/L) (75991)	URANIUM -238 WATER DISSOLV (PCI/L) (22603)	RA-226 2 SIGMA SED, SUSP, TOTAL, DRY WGT (PCI/G) (75943)	RA-226 SED, SUSP, TOTAL, DRY WGT (PCI/G) (75944)	U-234 2 SIGMA SED, SUSP, TOTAL, DRY WGT (PCI/G) (75941)	U-234 SED, SUSP, TOTAL, DRY WGT (PCI/G) (75942)
NOV													
15...	--	--	3.08	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
13...	--	--	3.26	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
15...	--	--	3.19	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
14...	--	--	4.01	--	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
17...	--	--	3.75	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
04...	--	--	3.58	--	--	--	--	--	--	--	--	--	--
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	3.82	--	--	--	--	--	--	--	--	--	--
26...	--	--	3.80	--	--	--	--	--	--	--	--	--	--
AUG													
14...	.03	.13	3.71	.41	2.2	.02	M	.24	1.2	.05	.2	.05	.1
14...	--	--	--	--	--	--	--	--	--	--	--	--	--

09404200 COLORADO RIVER ABOVE DIAMOND CREEK NEAR PEACH SPRINGS, AZ—CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	U-235 2 SIGMA SED, SUSP, TOTAL, DRY WGT (PCI/G) (75947)	U-235 SED, SUSP, TOTAL, DRY WGT (PCI/L) (75975)	U-238 2 SIGMA SED, SUSP, TOTAL, DRY WGT (PCI/G) (04113)	U-238 SED, SUSP, TOTAL, DRY WGT (PCI/G) (75940)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	UV ABSORB-ANCE 254 NM, WTR FLT (UNITS /CM) (50624)	UV ABSORB-ANCE 280 NM, WTR FLT (UNITS /CM) (61726)	NITRO-GEN,PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, INOR-GANIC, PARTIC. TOTAL (MG/L AS C) (00688)
NOV												
15...	--	--	--	--	71	44	1450	.059pl	.043pl	.03	.9	<.1
15...	--	--	--	--	58	29	955	--	--	--	--	--
DEC												
13...	--	--	--	--	41	35	1530	.053	.036	.09	1.9	.4
13...	--	--	--	--	42	32	1400	--	--	--	--	--
JAN												
15...	--	--	--	--	43	97	3060	.051	.034	.03	.8	.5
15...	--	--	--	--	43	125	3950	.051	.034	.03	.8	<.1
MAR												
14...	--	--	--	--	49	31	912	.057	.039	.03	.5	<.1
14...	--	--	--	--	55	26	765	--	--	--	--	--
APR												
17...	--	--	--	--	31	20	589	.054	.037	.03	.5	<.1
17...	--	--	--	--	28	21	618	--	--	--	--	--
JUN												
04...	--	--	--	--	32	125	4290	.055	.037	.05	.9	<.1
04...	--	--	--	--	25	168	5760	--	--	--	--	--
26...	--	--	--	--	16	88	3640	.058	.040	<.02	.7	<.1
26...	--	--	--	--	13	84	3470	.036	.025	<.02	.9	<.1
AUG												
14...	.01	M	.05	.1	76	536	26600	.060	.042	.20	2.0	.1
14...	--	--	--	--	82	482	23900	--	--	--	--	--

Remark codes used in this report:
- < -- Less than
- E -- Estimated value
- M -- Presence verified, not quantified
- S -- Most probable value

Value qualifier codes used in this report:
- f -- Sample field preparation problem
- l -- Sample lab preparation problem
- n -- Below the NDV
- p -- Value reported is preferred
- r -- Value verified by rerun, same method

09404200 COLORADO RIVER ABOVE DIAMOND CREEK NEAR PEACH SPRINGS, AZ—CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Water-quality measurements in the following table were made as part of the National Stream-Quality Accounting Network. The following analyses are quality-assurance samples processed during the 2002 sampling period and are defined in the introductory text section titled "Water-Quality Control Data".

Date	Time	Sample type	UV ABSORB-ANCE 254 NM, WTR FLT (UNITS /CM) (50624)	UV ABSORB-ANCE 280 NM, WTR FLT (UNITS /CM) (61726)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN,PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)
NOV													
15...	1213	2	<.004pl	<.004pl	E.01	<.008	<.09	<.13	<.015	<.013	<.002	<.02	<.007
AUG													
14...	0834	2	--	--	--	--	--	--	--	--	--	--	--
14...	0835	2	--	--	--	--	--	--	--	--	--	--	--
14...	0836	2	--	--	--	--	--	--	--	--	--	--	--
14...	0837	2	--	--	--	--	--	--	--	--	--	--	--
14...	0838	2	<.004	<.004	<.01	<.008	<.09	<.13	<.015	<.013	<.002	<.02	<.007

Date	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, INOR-GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)
NOV													
15...	<.1	<.1	E.2n	<.1	<1	<.05	E.1	<1	<.06	<7	<.04	<.8	<.02
AUG													
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
14...	<.1	<.1	E.2n	<.1	<1	<.05	<.2	<1	<.06	<7	<.04	<.8	<.02

Date	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)
NOV													
15...	<.2	--	<10	<.08	--	<.3	<.1	<.2	<.06	<.3	<1	<.08	<.04
AUG													
14...	--	<.6	--	--	<1	--	--	--	--	--	--	--	--
14...	--	<.6	--	--	<1	--	--	--	--	--	--	--	--
14...	--	<.6	--	--	<1	--	--	--	--	--	--	--	--
14...	--	<.6	--	--	<1	--	--	--	--	--	--	--	--
14...	V1.7v	--	<10	.57v	--	<.3	<.1	<.2	<.06	<.3	<1	<.08	<.04

Date	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
NOV				
15...	<.2	<1	--	<.02
AUG				
14...	--	--	<1	--
14...	--	--	<1	--
14...	--	--	<1	--
14...	--	--	<1	--
14...	<.2	1v	--	<.02

Remark codes used in this report:
- < -- Less than
- E -- Estimated value
- V -- Contamination

Value qualifier codes used in this report:
- l -- Sample lab preparation problem
- n -- Below the NDV
- p -- Value reported is preferred
- v -- Analyte detected in laboratory blank