

09404200 COLORADO RIVER ABOVE DIAMOND CREEK NEAR PEACH SPRINGS, AZ

Lower Colorado-Lake Mead Basin
Grand Canyon Subbasin

LOCATION.--Lat 35°46'25", long 113°21'46" referenced to North American Datum of 1927, in sec.33, T.28 N., R.10 W., Mohave County, AZ, 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. (unsurveyed).

DRAINAGE AREA.--149,316 mi², of which 4,656 mi² probably is noncontributing, in the Great Divide Basin in southern Wyoming (previously considered part of the Missouri River Basin) and on the Colorado Plateau.

SURFACE-WATER RECORDS

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.--No estimated daily discharge. Records good. 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 ft³/s, June 30, 1983, gage height, unknown; minimum instantaneous, 3,710 ft³/s, Mar. 21, 1990, gage height, 43.89 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1868, about 300,000 ft³/s, about July 8, 1884, based on flow studies at Lees Ferry.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 23,000 ft³/s, Aug. 1, gage height, 52.68 ft; minimum daily discharge, 8,930 ft³/s, Sept. 28.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16,800	16,900	21,300	18,100	13,900	12,300	11,600	9,910	10,600	13,200	17,900	12,000
2	16,900	16,700	20,900	17,000	14,000	12,000	10,500	11,400	10,800	11,300	16,500	10,800
3	16,900	16,200	21,100	15,800	12,700	11,000	10,100	11,000	13,300	14,800	15,700	9,740
4	16,900	16,500	21,100	15,900	12,400	11,000	11,500	10,800	11,600	16,000	15,900	10,300
5	17,000	16,500	21,100	17,400	12,600	10,400	11,700	11,000	10,400	15,400	15,700	9,920
6	17,000	16,600	21,200	17,400	12,200	9,670	11,800	11,100	13,200	14,000	14,500	9,360
7	16,900	16,600	21,100	17,500	11,200	11,000	11,900	10,100	13,500	15,000	13,800	9,670
8	17,100	16,400	21,200	17,500	12,300	10,800	11,700	9,510	13,500	15,300	15,300	9,490
9	17,100	16,500	21,200	16,700	12,500	10,900	10,700	11,000	13,500	14,700	15,600	9,260
10	17,100	16,500	21,200	15,900	12,500	11,100	10,000	11,100	13,500	14,400	15,200	8,990
11	17,000	16,300	21,200	17,400	12,700	11,000	11,200	11,100	11,800	15,500	15,000	9,850
12	17,100	17,100	21,200	14,400	12,600	10,200	11,400	11,100	10,700	15,800	14,900	10,200
13	16,900	19,700	21,300	14,200	12,300	9,420	11,600	11,100	13,400	15,400	13,800	11,700
14	17,000	19,800	21,300	14,000	11,400	10,700	11,700	10,100	13,600	16,300	13,700	11,600
15	17,000	20,000	21,200	13,900	12,400	11,200	11,600	9,420	13,200	16,800	15,200	9,610
16	17,000	20,100	21,200	13,400	12,500	11,100	10,800	10,900	13,200	15,600	14,000	9,160
17	17,000	20,200	21,200	12,700	12,600	10,800	9,950	11,100	13,200	16,000	15,400	9,080
18	17,000	20,000	21,100	13,900	12,500	11,000	11,200	11,000	11,500	16,600	15,000	9,130
19	17,000	20,300	21,400	13,900	12,600	10,300	11,500	11,000	10,500	16,400	15,100	9,180
20	16,900	21,500	21,400	14,100	12,200	9,430	11,400	11,100	13,200	16,100	14,700	9,100
21	16,800	22,000	21,400	14,200	11,300	10,600	11,600	10,200	13,700	16,000	14,400	9,050
22	16,900	22,000	21,400	14,100	12,400	11,100	11,500	9,320	13,400	16,100	15,400	9,030
23	16,900	21,600	21,800	13,500	12,500	10,900	10,500	10,700	13,000	15,800	15,500	9,090
24	16,900	21,500	21,500	12,800	12,600	11,000	10,000	11,100	13,500	15,400	16,200	9,040
25	16,900	21,500	21,300	14,000	12,300	11,100	11,500	11,000	11,600	17,100	17,100	9,070
26	16,900	21,600	21,300	13,900	12,000	10,300	11,400	10,900	10,700	16,300	16,500	9,040
27	16,900	21,600	21,200	13,900	11,700	9,430	11,400	10,600	13,400	15,900	15,200	9,000
28	16,900	21,600	21,200	14,100	10,900	10,100	11,400	10,000	13,600	16,000	15,000	8,930
29	16,900	21,600	20,400	14,100	12,200	11,000	11,200	9,380	13,600	16,100	15,700	8,980
30	16,900	21,600	18,100	13,600	---	10,600	10,400	9,350	13,700	15,900	15,800	9,000
31	16,900	---	17,900	12,700	---	11,800	---	10,900	---	15,800	13,700	---
Total	525,400	577,000	651,400	462,000	358,000	333,250	334,750	328,290	378,400	481,000	473,400	288,370
Mean	16,950	19,230	21,010	14,900	12,340	10,750	11,160	10,590	12,610	15,520	15,270	9,612
Max	17,100	22,000	21,800	18,100	14,000	12,300	11,900	11,400	13,700	17,100	17,900	12,000
Min	16,800	16,200	17,900	12,700	10,900	9,420	9,950	9,320	10,400	11,300	13,700	8,930
Med	16,900	20,000	21,200	14,100	12,400	10,900	11,400	10,900	13,200	15,800	15,200	9,170
Ac-ft	1,042,000	1,144,000	1,292,000	916,400	710,100	661,000	664,000	651,200	750,600	954,100	939,000	572,000

	Calendar Year 2011	Water Year 2012
Total	7,356,000	5,191,260
Mean	20,150	14,180
Max	27,500	22,000
Min	14,700	8,930
Med	19,300	13,600
Ac-ft	14,590,000	10,300,000

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