



Water-Data Report 2012

09383000 COLORADO RIVER AT COMPACT POINT, NEAR LEES FERRY, AZ

Upper Colorado-Dirty Devil Basin
Lower Lake Powell Subbasin

LOCATION.--Lat 36°51'05", long 111°36'21" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec.23, T.40 N., R.7 E., Coconino County, AZ, Hydrologic Unit 14070006, (see REMARKS), 1 mi downstream from Paria River, 1.4 mi downstream from gage on Colorado River at Lees Ferry, and 29 mi downstream from Utah-Arizona State line.

DRAINAGE AREA.--112,000 mi² of which 3,959 mi² probably is noncontributing, in Great Divide basin in southern Wyoming.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Oct. 1913 to current year (monthly discharge only). Prior to Oct. 1950, published in WSP 1313.

REMARKS.--This location on the Colorado River is the dividing point between the Upper Basin and Lower Basin, as defined in the Colorado River Compact of 1922. Flow substantially regulated by Lake Powell beginning Mar. 13, 1963. (See elsewhere in this report.)

DETERMINATION OF DISCHARGE--There is no gage. Monthly and yearly discharge computed as the sum of flow at stations on Colorado River and Paria River at Lees Ferry.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--49 years (water years 1914-1962), 17,760 ft³/s, 12,870,000 acre-ft/yr; 48 years(water years 1965-2012), 13,790 ft³/s, 9,990,000 acre-ft/yr.

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	15,950	18,560	19,950	13,790	11,390	9,892	10,290	9,857	11,970	14,530	13,260	8,058
Ac-ft	980,700	1,105,000	1,227,000	847,700	655,200	608,200	612,400	606,100	712,300	893,500	815,500	479,500

CALENDER YR 2011: MEAN 19,140 AC-FT 13,860,000

WATER YR 2012: MEAN 13,140 AC-FT 9,543,000