



Water-Data Report 2008

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, 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; 44 years (water years 1965-2008), 13,790 ft³/s, 9,980,000 acre-ft/yr.

Monthly discharge, water year October 2007 to September 2008

Month	Mean, in cubic feet per second	Runoff, in acre-feet
October	9,960	612,400
November	10,350	616,100
December	13,270	816,200
Calendar year 2007	11,570	8,377,000
January	13,250	815,000
February	10,720	616,400
March	13,850	851,500
April	11,650	692,100
May	13,130	807,400
June	13,620	810,200
July	14,440	887,800
August	14,900	916,000
September	12,410	738,600
Water year 2008	12,650	9,180,000

NOTE.--Record shown is sum of flow at stations on Colorado River and Paria River at Lees Ferry.