HAVASU CREEK BASIN

09404115 HAVASU CREEK ABOVE THE MOUTH, NEAR SUPAI, AZ

LOCATION.--Lat 36°18'24", long 112°45'39", unsurveyed, Coconino County, Hydrologic Unit 15010004, in Grand Canyon National Park, 8.0 mi downstream from Supai, 69 mi downstream from Phantom Ranch, 173 mi downstream from Glen Canyon Dam, and 199 mi upstream from Hoover Dam.

DRAINAGE AREA.--3,020 mi^2, including 209 mi^2, which are noncontributing.

PERIOD OF RECORD.--Nov. 1990 to Sept. 1997, June 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1,793.81 ft above sea level.

REMARKS.--Records good, except for estimated daily discharges and discharges greater than 100 ft^3/s, which are poor. Several diversions and small impoundments upstream for irrigation and public supply.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,400 ft^3/s, Feb. 21, 1991, gage height, 23.4 ft; minimum daily 63 ft^3/s on many days in 1997.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge unknown, Jan. 2, 1910, flood wave reported as about 20 ft high through Supai Village. Sept. 3, 1990, 26.3 ft, 20,300 ft^3/s, based on slope-area computation, flood wave through Supai Village reported as about 14 ft for this event. Minimum discharge unknown.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 17,700 ft^3/s Aug. 15, gage height, 25.22 ft, from flood mark. Minimum daily discharge, 66 ft^3/s Oct. 17.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68	70	72	72	72	73	73	71	74	71	71	e73
2	69	70	72	72	73	73	74	71	73	71	71	e100
3	69	71	72	72	72	73	74	72	73	70	71	e140
4	69	71	72	72	72	73	74	72	73	70	72	e73
5	69	70	72	73	73	73	75	72	73	70	71	e73
6	68	69	72	73	72	72	74	72	72	71	72	e73
7	68	70	72	71	72	72	74	71	71	71	72	e73
8	70	70	72	71	72	72	73	71	71	70	72	e73
9	69	71	72	72	72	72	74	70	e71	70	72	e73
10	69	71	73	72	72	72	74	70	e71	70	72	e73
11	67	71	73	72	72	72	73	70	e71	70	72	e73
12	67	70	72	72	73	72	73	71	e71	70	72	e73
13	67	71	71	72	82	72	73	71	69	70	72	e74
14	67	71	71	72	83	72	74	72	71	70	72	e74
15	68	71	71	72	76	72	75	72	71	70	e700	e74
16	68	71	71	72	75	74	73	72	71	70	e250	e74
17	66	71	73	72	75	74	72	72	71	70	e72	e74
18	68	69	72	73	75	73	74	72	71	71	e72	e74
19	67	69	71	72	74	72	77	72	72	71	e100	e74
20	67	70	72	71	74	73	72	73	71	71	e110	e74
21	67	70	72	71	74	73	73	73	71	71	e130	74
22	70	70	72	71	74	73	73	73	70	71	e140	74
23	72	71	72	71	74	73	73	72	71	71	e150	74
24	71	71	72	72	74	73	73	73	70	71	e72	75
25	71	72	71	71	74	73	71	73	70	71	e72	75
26	72	71	71	71	74	73	71	73	70	71	e72	75
27	71	71	71	72	74	73	71	73	70	71	e72	75
28	71	71	72	72	74	72	71	72	70	71	e72	75
29	71	71	73	72	---	72	71	73	70	71	e72	75
30	71	73	72	72	---	73	71	74	71	71	e72	75
31	70	---	72	72	---	74	---	74	---	71	e72	---
TOTAL	2137	2118	2228	2227	2073	2253	2193	2232	2134	2188	3304	2309
MEAN	68.9	70.6	71.9	71.8	74.0	72.7	73.1	72.0	71.1	70.6	107	77.0
MAX	72	73	73	73	83	74	77	74	74	71	700	140
MIN	66	69	71	71	72	72	71	70	69	70	71	73
AC-FT	4240	4200	4420	4420	4110	4470	4350	4430	4230	4340	6550	4580

CAL YR 2002 TOTAL 25444 MEAN 69.7 MAX 194 MIN 65 AC-FT 50470
WTR YR 2003 TOTAL 27396 MEAN 75.1 MAX 700 MIN 66 AC-FT 54340

e Estimated