LITTLE COLORADO RIVER BASIN

09400350 LITTLE COLORADO RIVER NEAR WINSLOW, AZ

LOCATION.--Lat 35°00'42", long 110°39'02", in SW1/4SE1/4 sec. 28, T.19 N., R.16 E., Navajo County, Hydrologic Unit 15020008, about 4 mi east of Winslow, in the median of I-40, on the east side of the bridge, about 0.5 mi east of exit 257.

DRAINAGE AREA.--Unknown.

PERIOD OF RECORD.--Dec. 2001 to current year. Records for May 1954 to Sept.1956 at site 1 mi upstream, a major tributary enters between the two sties, records are not equivalent.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 4,863 ft above sea level, from Navajo County survey marker.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow is regulated by reservoirs upstream. Many diversions for irrigation above gage.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10,800 ft^3/s Sept. 12, 2002, gage height, 18.06 ft; minimum daily discharge, 1.0 ft^3/s Aug. 18–19, 2002.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8,000 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Sept. 20.....	0645	*4,230	*15.17

Minimum daily discharge, 0.58 ft^3/s, Aug. 4.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.2	2.8	6.4	6.3	8.4	7.2	51	6.0	4.0	9.1	1.7	3.4
2	15	4.0	7.0	7.1	7.5	7.0	42	6.2	4.0	2.3	0.78	3.1
3	136	3.9	5.8	6.8	7.9	7.5	32	6.3	3.9	1.9	0.66	2.2
4	231	4.9	6.2	6.5	7.8	7.3	26	6.0	3.7	1.9	0.58	2.5
5	142	5.1	6.3	6.2	7.7	10	21	5.5	3.6	1.8	0.62	23
6	117	5.3	6.6	6.7	7.2	8.9	17	5.5	3.5	1.6	0.61	110
7	e42	5.6	6.4	8.1	7.3	7.7	31	5.4	3.3	1.5	0.95	57
8	e16	5.9	7.5	7.1	7.8	7.5	77	5.4	3.0	1.4	106	37
9	e12	5.6	7.3	6.9	7.4	7.5	80	5.3	2.5	1.7	22	14
10	11	6.0	7.1	7.2	7.8	7.3	88	4.6	3.2	1.6	24	5.2
11	23	6.4	7.0	7.3	7.4	7.1	87	4.1	3.1	1.4	3.3	2.6
12	49	7.3	7.6	7.4	7.7	7.2	76	3.6	3.1	1.3	0.83	1.8
13	e19	8.0	7.2	7.2	7.4	189	64	3.5	3.0	1.4	0.60	1.3
14	e11	9.0	6.4	7.5	7.9	453	50	3.3	2.9	1.3	10	1.2
15	e7.5	132	7.2	8.2	7.7	562	44	3.2	2.9	558	1510	1.3
16	e5.5	87	6.9	7.8	7.3	503	33	3.0	2.9	898	1170	1.4
17	4.1	39	6.8	7.9	7.6	484	26	2.8	2.9	178	749	1.5
18	4.1	27	7.9	7.4	7.0	458	16	2.7	2.6	96	346	1.6
19	4.3	17	7.6	7.4	7.3	417	18	2.6	2.3	53	215	471
20	4.7	12	7.1	8.0	7.7	370	14	2.4	2.4	11	198	1920
21	4.2	8.0	7.0	8.5	7.1	344	13	2.5	2.2	3.5	302	226
22	4.0	5.9	6.5	8.4	7.4	336	11	2.9	2.2	2.7	328	121
23	4.2	5.6	6.7	8.0	7.5	328	8.8	2.8	2.2	2.4	131	55
24	4.2	5.6	7.5	7.9	7.6	323	9.4	3.3	2.2	2.2	41	29
25	4.2	6.1	6.9	7.3	7.3	279	8.4	3.2	2.2	50	103	14
26	4.3	6.1	7.4	6.7	6.4	222	8.1	3.5	2.4	44	84	8.9
27	4.4	5.4	7.1	6.7	5.9	175	7.6	3.8	2.2	206	35	7.2
28	6.5	5.6	6.9	7.1	6.6	138	7.3	3.8	2.5	46	16	7.1
29	4.4	6.2	7.9	7.1	7.5	109	6.8	4.0	5.3	151	9.8	817
30	3.0	6.4	9.4	7.3	---	84	5.6	3.9	62	36	5.5	1120
31	2.5	---	7.3	7.8	---	66	---	3.9	---	12	3.6	---
TOTAL	904.3	454.7	218.9	227.8	215.1	5932.2	979.0	125.0	148.2	2380.0	5419.53	5066.3
MEAN	29.2	15.2	7.06	7.35	7.42	191	32.6	4.03	4.94	76.8	175	169
MAX	231	132	9.4	8.5	8.4	562	88	6.3	62	898	1510	1920
MIN	2.5	2.8	5.8	6.2	5.9	7.0	5.6	2.4	2.2	1.3	0.58	1.2
MED	5.5	6.0	7.0	7.3	7.5	138	24	3.8	2.9	2.7	22	8.0
AC-FT	1790	902	434	452	427	11770	1940	248	294	4720	10750	10050
CFSM	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01

CAL YR 2003 TOTAL 27237.0 MEAN 74.6 MAX 1160 MIN 2.5 MED 8.1 AC-FT 54020 CFSM 0.00
WTR YR 2004 TOTAL 22071.03 MEAN 60.3 MAX 1920 MIN 0.58 MED 7.2 AC-FT 43780 CFSM 0.00

e Estimated