SURFACE WATER RECORDS

LOWER COLORADO RIVER BASIN-LAKE MEAD, LOWER VIRGIN RIVER BASIN

09413700 VIRGIN RIVER ABOVE THE NARROWS NEAR LITTLEFIELD, AZ

LOCATION.--Lat 36°55'16", long 113°49'52" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec. 29, T.41 N., R.14 W., Mohave County, Hydrologic Unit 15010010, On right bank, 225 ft south of mile marker 15 and 50 ft east of the edge of the road of I-15.

DRAINAGE AREA.--4,415 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 2,000 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,110 ft^3/s, August 31, 1999, gage height 10.57 ft; no flow at times, some years.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of January 1, 1989, 61,000 ft^3/s, on basis of slope-area measurement of peak flow at Virgin River at Littlefield site about 10 mi downstream, due to failure of Quail Creek Dam.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,820 ft^3/s, August 13, gage height, 10.34 ft; minimum daily discharge, 0.10 ft^3/s, June 28.

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	12	31	83	85	84	114	30	40	9.4	4.8	3.6	14
2	11	27	77	84	79	117	72	28	9.4	1.9	2.6	11
3	11	32	77	85	92	100	256	31	4.1	2.4	6.1	7.9
4	19	29	79	90	95	104	204	34	6.1	1.1	4.2	11
5	40	30	72	79	81	112	148	36	4.8	0.22	5.7	13
6	32	34	69	75	91	85	173	42	5.4	0.32	5.7	15
7	42	42	70	81	77	91	219	26	6.1	0.12	6.2	13
8	49	41	97	81	85	107	202	18	11	0.63	6.4	16
9	37	43	97	70	76	155	188	20	5.2	0.12	1.4	17
10	51	55	80	75	72	174	167	15	6.9	0.12	1.9	33
11	29	60	79	76	81	218	161	26	7.9	0.12	0.62	66
12	28	64	76	77	83	166	112	12	6.2	0.11	0.48	58
13	30	166	80	71	75	106	72	12	5.1	0.32	347	41
14	62	162	80	67	84	86	57	9.5	6.5	0.11	46	41
15	59	87	77	68	82	67	55	13	7.6	0.12	21	25
16	41	79	75	68	90	114	32	22	8.7	12	42	21
17	19	83	80	70	85	117	33	22	10	171	76	19
18	19	72	72	72	85	62	42	17	3.6	55	36	17
19	18	70	74	72	72	53	79	11	3.3	23	72	26
20	26	65	73	67	67	40	70	9.6	3.4	8.1	56	56
21	26	67	75	68	68	45	41	9.6	2.0	4.7	91	49
22	19	79	75	72	94	65	35	11	1.2	2.2	66	27
23	22	88	73	72	135	76	38	14	2.1	2.6	56	33
24	25	81	73	72	167	96	34	19	1.2	4.6	29	25
25	20	74	80	83	129	110	28	23	0.19	1.7	20	18
26	30	84	387	83	218	95	27	18	0.12	2.9	16	23
27	38	89	197	70	314	86	37	13	0.11	6.6	19	29
28	40	86	97	68	266	65	43	17	0.10	2.5	14	19
29	42	80	84	75	166	50	42	15	0.11	4.1	13	78
30	23	80	89	69	---	38	38	8.7	5.2	3.0	16	256
31	30	---	87	85	---	27	---	4.9	---	4.8	21	---
TOTAL	950	2,080	2,884	2,330	3,193	2,941	2,735	597.3	143.03	321.31	1,101.90	1,077.9
MEAN	30.6	69.3	93.0	75.2	110	94.9	91.2	19.3	4.77	10.4	35.5	35.9
MAX	62	166	387	90	314	218	256	42	11	171	347	256
MIN	11	27	69	67	67	27	27	4.9	0.10	0.11	0.48	7.9
AC-FT	1,880	4,130	5,720	4,620	6,330	5,830	5,420	1,180	284	637	2,190	2,140

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)

MEAN	77.9	107	115	102	120	111	112	70.5	12.7	45.1	42.1	89.6
MAX	145	212	216	172	180	194	209	162	49.3	153	81.5	376
(WY)	(1999)	(1999)	(1999)	(1999)	(1999)	(2000)	(2001)	(2001)	(1999)	(1998)	(1999)	(1998)
MIN	30.6	69.3	85.2	74.7	55.7	49.9	33.1	11.5	1.41	6.31	0.68	19.6
(WY)	(2004)	(2004)	(2000)	(2003)	(2002)	(2002)	(2002)	(2002)	(2002)	(2003)	(2002)	(2003)

09413700 VIRGIN RIVER ABOVE THE NARROWS NEAR LITTLEFIELD, AZ—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1998 - 2004	
ANNUAL TOTAL	18,043.97		20,354.44			
ANNUAL MEAN	49.4		55.6		78.0	
HIGHEST ANNUAL MEAN					128	1999
LOWEST ANNUAL MEAN					46.2	2002
HIGHEST DAILY MEAN	387	Dec 26	387	Dec 26	2,600	Sep 12, 1998
LOWEST DAILY MEAN	0.00	Jun 12	0.10	Jun 28	0.00	Jun 21, 2001
ANNUAL SEVEN-DAY MINIMUM	0.00	Jun 12	0.15	Jul 9	0.00	Jun 28, 2001
MAXIMUM PEAK FLOW			1,820	Aug 13	61,000	Jan 1, 1989
MAXIMUM PEAK STAGE			10.34	Aug 13	10.61	Aug 16, 2003
ANNUAL RUNOFF (AC-FT)	35,790		40,370		56,510	
10 PERCENT EXCEEDS	97		105		191	
50 PERCENT EXCEEDS	37		42		64	
90 PERCENT EXCEEDS	0.00		3.5		3.0	

09413700 VIRGIN RIVER ABOVE THE NARROWS NEAR LITTLEFIELD, AZ—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1998 to current year.

REMARKS.--In June 1998, station was established in cooperation with the Southern Nevada Water Authority to characterize the hydraulics and water quality of the Virgin River Basin.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Sample type	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)
DEC										
11...	0840	Environmental	71	707	11.9	103	8.4	3,180	10.0	5.5
MAR										
04...	0950	Environmental	103	703	11.4	115	8.4	3,040	--	11.5
APR										
21...	0845	Environmental	54	705	10.1	107	8.4	2,750	--	14.0
SEP										
13...	0845	Environmental	51	709	8.1	99	8.4	3,640	--	21.0

LOWER COLORADO RIVER BASIN-LAKE MEAD, LOWER VIRGIN RIVER BASIN

09414900 BEAVER DAM WASH AT BEAVER DAM, AZ

LOCATION.--Lat 36°54'07", long 113°55'58" referenced to North American Datum of 1927, in NW ¼ NE ¼ NE ¼ sec. 05, T.40 N., R.15 W., Mohave County, Hydrologic Unit 15010010, on upstream end of bridge pier at Beaver Dam, AZ.

DRAINAGE AREA.--575 mi^2.

PERIOD OF RECORD.--February 1993 to September 1994, October 1995 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 1,850 ft above National Geodetic Vertical Datum of 1929, from bench mark on bridge.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,940 ft^3/s, February 10, 1993, gage height, 7.14 ft from rating curve extended above 2,220 ft^3/s; minimum daily, 0.11 ft^3/s, February 18, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 114 ft^3/s, February 27, gage height, 5.98 ft; minimum daily discharge, 0.73 ft^3/s, August 5, 6.

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	1.0	1.2	1.4	3.2	2.9	2.7	1.6	1.2	1.0	1.1	0.82	0.84
2	1.0	e1.2	1.5	2.7	2.9	2.6	1.6	1.2	1.0	1.1	0.81	0.83
3	1.0	e1.2	1.4	2.3	3.0	2.3	1.6	1.2	1.0	1.1	0.77	0.82
4	1.0	e1.2	1.3	2.1	3.0	1.9	1.8	1.2	1.0	1.1	0.76	0.85
5	1.0	e1.2	1.4	2.0	3.1	1.9	1.7	1.3	1.0	1.0	0.73	0.86
6	1.0	e1.2	1.2	2.2	3.0	1.6	1.6	1.3	1.0	0.91	0.73	0.85
7	1.1	e1.2	1.3	2.2	3.0	1.5	1.6	1.3	1.1	0.92	0.77	0.84
8	1.1	e1.2	1.5	2.3	2.8	1.4	1.5	1.3	1.1	0.91	0.77	0.86
9	1.1	e1.2	1.4	2.7	2.8	1.4	1.5	1.3	1.1	0.92	0.77	0.86
10	1.1	e1.2	1.5	2.7	2.8	1.4	1.5	1.2	1.1	0.92	0.77	7.2
11	1.1	e1.2	1.5	2.3	2.8	1.4	1.4	1.2	1.1	0.96	0.77	1.4
12	1.1	e1.3	1.3	2.3	2.9	1.3	1.2	1.3	1.1	0.97	0.77	0.95
13	1.1	e1.3	1.3	2.4	2.8	1.3	1.1	1.4	1.1	0.98	0.78	0.87
14	1.1	e1.2	1.4	2.4	2.8	1.3	1.00	1.4	1.1	1.0	0.82	0.86
15	1.1	e1.2	1.7	2.5	2.8	1.4	0.88	1.3	1.0	1.0	0.86	0.87
16	1.1	e1.3	1.9	2.4	2.8	1.5	0.86	1.3	0.96	1.1	0.85	0.91
17	1.1	e1.3	1.9	2.3	2.8	1.7	0.86	1.3	0.96	1.1	0.85	0.91
18	1.1	e1.2	1.8	2.3	2.8	2.0	0.82	1.3	0.96	1.1	0.83	0.91
19	1.1	e1.2	1.8	2.3	2.8	2.1	0.82	1.3	0.96	1.0	0.83	0.91
20	1.1	e1.2	2.1	2.3	2.8	2.0	0.81	1.3	0.99	1.0	0.86	0.91
21	1.1	1.2	2.2	2.3	2.8	2.0	0.85	1.2	1.0	1.0	0.86	0.91
22	1.2	e1.2	2.3	2.3	2.8	2.0	0.86	1.0	1.0	1.0	0.86	0.91
23	1.2	e1.2	2.5	2.3	2.8	1.9	0.86	1.0	1.0	1.0	0.86	0.91
24	1.2	e1.3	2.7	2.3	2.8	1.9	0.86	1.0	1.0	1.0	0.86	0.91
25	1.2	e1.3	2.5	2.7	2.7	1.8	0.86	1.0	1.0	1.1	0.85	0.91
26	1.2	1.3	6.0	2.9	9.2	1.8	0.86	1.0	1.0	1.1	0.83	0.91
27	1.3	1.4	6.4	3.3	23	1.8	0.86	1.0	1.0	1.1	0.83	0.91
28	1.3	1.5	2.6	2.9	4.1	1.8	0.86	1.0	1.1	1.1	0.85	0.91
29	1.3	1.6	2.9	3.3	3.0	1.7	1.0	1.0	1.1	1.1	0.85	0.91
30	e1.3	1.5	3.0	3.1	---	1.7	1.1	1.0	1.1	1.1	0.84	0.91
31	e1.3	---	3.3	3.0	---	1.7	---	1.0	---	1.0	0.84	---
TOTAL	35.0	37.9	67.0	78.3	110.6	54.8	34.72	36.8	30.93	31.79	25.25	33.41
MEAN	1.13	1.26	2.16	2.53	3.81	1.77	1.16	1.19	1.03	1.03	0.81	1.11
MAX	1.3	1.6	6.4	3.3	23	2.7	1.8	1.4	1.1	1.1	0.86	7.2
MIN	1.0	1.2	1.2	2.0	2.7	1.3	0.81	1.0	0.96	0.91	0.73	0.82
AC-FT	69	75	133	155	219	109	69	73	61	63	50	66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2004, BY WATER YEAR (WY)

MEAN	2.07	2.18	2.47	2.63	5.73	5.16	2.94	2.18	1.93	1.91	1.86	2.05
MAX	2.88	3.08	3.23	3.40	31.2	30.1	9.31	2.91	2.56	2.62	2.75	3.90
(WY)	(1994)	(1997)	(1996)	(1997)	(1998)	(1993)	(1993)	(1993)	(1997)	(1993)	(1993)	(1998)
MIN	1.13	1.20	1.56	1.88	1.75	1.77	1.16	1.19	1.03	1.03	0.81	1.11
(WY)	(2004)	(2003)	(2003)	(2003)	(2002)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(1993)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1993 - 2004	
ANNUAL TOTAL	595.87		576.50			
ANNUAL MEAN	1.63		1.58		2.46	
HIGHEST ANNUAL MEAN					4.96	1998
LOWEST ANNUAL MEAN					1.58	2004
HIGHEST DAILY MEAN	14	Sep 6	23	Feb 27	1,730	Feb 9, 1993
LOWEST DAILY MEAN	0.86	Aug 30	0.73	Aug 5	0.11	Feb 18, 1993
ANNUAL SEVEN-DAY MINIMUM	0.87	Aug 30	0.76	Aug 3	0.65	Aug 11, 2002
MAXIMUM PEAK FLOW			114	Feb 27	5,940	Feb 10, 1993
MAXIMUM PEAK STAGE			5.98	Feb 27	7.34	Sep 6, 2003
ANNUAL RUNOFF (AC-FT)	1,180		1,140		1,780	
10 PERCENT EXCEEDS	2.1		2.8		3.0	
50 PERCENT EXCEEDS	1.5		1.2		2.2	
90 PERCENT EXCEEDS	1.1		0.86		1.3	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, LOWER VIRGIN RIVER BASIN

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ

LOCATION.--Lat 36°53'30", long 113°55'25" referenced to North American Datum of 1927, in SW ¼ SW ¼ sec. 04, T.40 N., R.15 W., Mohave County, Hydrologic Unit 15010010, on right bank, 0.5 mi downstream from Beaver Dam Wash, 0.4 mi upstream from Littlefield, and 36 mi upstream from Lake Mead.

DRAINAGE AREA.--5,090 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1929 to current year.

REVISED RECORDS.--WSP 959: 1932. WSP 979: 1930-31, 1933-37. WSP 1313: 1940 (M).

GAGE.--Water-stage recorder. Datum of gage is 1,763.68 ft above National Geodetic Vertical Datum of 1929. Prior to May 28, 1933, nonrecording gage at site 300 ft upstream, and May 28, 1933, to November 7, 1939, at same site, both at datum 2.53 ft higher. November 8, 1939, to March 31, 1942, nonrecording gage at same site at datum 2.00 ft higher. April 1, 1942, to September 30, 1970, water-stage recorder at same site at same datum. October 1, 1970, to August 7, 1979, at site 300 ft upstream at same datum.

REMARKS.--No estimated daily discharges. Records good. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 61,000 ft^3/s, January 1, 1989, gage height, 22.37 ft, due to failure of Quail Creek Dam; maximum discharge excluding 1989: 35,200 ft^3/s, December 6, 1966, gage height, 15.66 ft, for site then in use, from rating curve extended above 1,500 ft^3/s on basis of slope-area measurement of peak flow; minimum daily, 40 ft^3/s, August 6, 1966.

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

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
August 13	1300	*2,410	*8.26				

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	68	85	132	143	183	174	110	91	58	60	61	67
2	68	87	128	141	176	174	132	79	59	56	58	65
3	67	85	128	143	194	162	261	76	56	56	62	62
4	68	87	128	152	211	163	245	79	56	55	60	64
5	95	86	123	139	188	169	195	78	56	54	60	66
6	84	86	121	136	202	152	204	80	56	53	59	66
7	93	98	122	143	188	157	247	72	57	53	60	67
8	99	94	150	146	199	161	239	67	60	54	62	67
9	90	97	150	134	192	195	221	67	57	53	56	69
10	100	107	132	138	186	207	201	63	60	53	55	80
11	82	112	131	140	194	229	191	68	60	53	54	85
12	79	116	135	142	197	207	159	61	61	54	53	102
13	82	183	137	136	181	168	129	60	59	54	418	79
14	113	237	138	131	190	152	115	60	60	55	101	87
15	115	146	136	132	189	139	113	58	61	55	77	76
16	100	130	133	135	186	167	94	65	61	58	79	71
17	77	138	135	136	172	177	91	65	64	193	119	71
18	74	124	130	139	169	138	99	62	59	112	76	69
19	75	122	131	139	152	131	126	58	58	79	101	69
20	75	116	133	135	139	117	123	57	57	64	90	88
21	80	116	135	133	134	121	98	56	56	59	110	94
22	76	124	136	138	157	134	91	56	55	56	105	78
23	77	134	135	140	201	145	94	58	55	56	98	80
24	80	130	137	142	238	160	93	62	55	58	76	78
25	75	125	142	154	208	169	89	65	54	55	68	72
26	80	133	560	156	268	161	89	62	53	55	64	73
27	89	138	448	147	383	152	95	59	53	62	66	78
28	94	134	220	142	289	137	99	60	53	57	63	76
29	97	128	138	154	212	126	97	62	54	61	64	92
30	84	131	143	151	---	118	90	57	57	59	66	264
31	83	---	146	170	---	109	---	56	---	61	71	---
TOTAL	2,619	3,629	4,993	4,407	5,778	4,871	4,230	2,019	1,720	1,963	2,612	2,455
MEAN	84.5	121	161	142	199	157	141	65.1	57.3	63.3	84.3	81.8
MAX	115	237	560	170	383	229	261	91	64	193	418	264
MIN	67	85	121	131	134	109	89	56	53	53	53	62
MED	82	123	135	140	190	160	114	62	57	56	66	75
AC-FT	5,190	7,200	9,900	8,740	11,460	9,660	8,390	4,000	3,410	3,890	5,180	4,870

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2004, BY WATER YEAR (WY)

MEAN	147	190	222	233	314	357	395	408	138	106	173	151
MAX	602	552	1,247	775	2,330	1,805	1,385	2,122	1,119	381	976	737
(WY)	(1947)	(1947)	(1967)	(1969)	(1980)	(1995)	(1969)	(1941)	(1983)	(1932)	(1932)	(1939)
MIN	53.4	101	111	108	108	85.4	61.6	49.9	46.8	51.6	49.8	53.3
(WY)	(1965)	(1991)	(1964)	(1964)	(2002)	(1977)	(1934)	(1990)	(1964)	(1965)	(2002)	(1964)

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1930 - 2004	
ANNUAL TOTAL	39,577		41,296			
ANNUAL MEAN	108		113		236	
HIGHEST ANNUAL MEAN					697	1983
LOWEST ANNUAL MEAN					100	1991
HIGHEST DAILY MEAN	819	Aug 23	560	Dec 26	17,000	Mar 3, 1938
LOWEST DAILY MEAN	46	Jun 27	53	Jun 26	40	Aug 6, 1966
ANNUAL SEVEN-DAY MINIMUM	47	Jun 25	53	Jul 5	41	Aug 3, 1966
MAXIMUM PEAK FLOW			2,410	Aug 13	61,000	Jan 1, 1989
MAXIMUM PEAK STAGE			8.26	Aug 13	22.37	Jan 1, 1989
ANNUAL RUNOFF (AC-FT)	78,500		81,910		170,700	
10 PERCENT EXCEEDS	162		188		411	
50 PERCENT EXCEEDS	90		96		145	
90 PERCENT EXCEEDS	50		56		61	

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948 to current year.

PERIOD OF DAILY RECORD.--
CHEMICAL ANALYSES: July 1949 to September 1969.
SPECIFIC CONDUCTANCE: October 1947 to March 1988.
WATER TEMPERATURE: October 1947 to March 1988.
SEDIMENT DATA: October 1947 to September 1968, October 1992 to September 1995.

REMARKS.--Data was collected in cooperation with the Southern Nevada Water Authority to characterize the hydraulics and water quality of the Virgin River Basin and to establish information on chemical loading into Lake Mead. Streamflow is not completely homogenous chemically from bank to bank. Flow adjacent to north (right) bank is generally more dilute than average, particularly at times of low streamflow; monthly data collected during June 1975-September 1976 indicate that specific conductance off north bank was 93 to 100 percent of streamwide average (range of discharge, 60-230 ft^3/s). Water temperature characteristically shows little or no variation from bank to bank. Detailed sampling information for period since June 1975 is available from U.S. Geological Survey, Carson City, Nevada.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 4,650 microsiemens, cm, August 21, 1966; minimum, 615 microsiemens, cm, May 27, 28, 30, 31, 1983.
WATER TEMPERATURE: Maximum, 33.5°C, July 7, 1953; minimum, 2.0°C January 4, 1949, January 4, 1950, January 4, 5, 1971.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Sample type	Instantaneous discharge, cfs (00061)	UV absorbance, 254 nm, wat flt units /cm (50624)	UV absorbance, 280 nm, wat flt units /cm (61726)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)
NOV												
24...	1200	Environmental	132	.032	.024	717	9.9	95	7.7	3,070	11.5	10.5
MAR												
02...	1000	Environmental	213	.058	.044	707	8.8	91	7.5	2,900	15.5	12.8
JUN												
15...	0900	Environmental	56	.016	.012	708	7.5	93	7.2	3,220	24.0	21.5
SEP												
08...	0930	Environmental	68	.031	.024	715	9.0	112	7.6	3,390	30.0	22.5

Date	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)
NOV													
24...	275	85.5	25.7	307	258	277	335	406	.9	21.9	805	2,200	.17
MAR													
02...	254	77.0	22.9	306	280	267	323	393	.8	20.1	789	2,170	.21
JUN													
15...	356	111	28.5	277	239	276	331	357	1.1	15.1	968	2,380	E.09
SEP													
08...	313	99.8	27.9	280	238	255	310	400	1.1	15.7	1,030	2,500	.15

Date	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	E coli, m-TEC MF, water, col/ 100 mL (31633)
NOV													
24...	.40	<.04	1.49	<.008	.19	.15	.18	.29	4.1	.1	3.9	1.5	E31
MAR													
02...	.95	E.02	1.59	.008	.89	.06	.08	.41	22.9	3.5	19.4	2.1	E7
JUN													
15...	.13	<.04	.10	<.008	.08	<.02	<.04	<.04	.7	<.1	.7	1.4	--
SEP													
08...	.27	<.04	.13	.012	.23	<.02	<.04	E.04	2.2	<.1	2.2	1.7	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Fecal coli-form, M-FC 0.7u MF col/ 100 mL (31625)	Fecal strep-tococci KF MF, col/ 100 mL (31673)	Arsenic water, fltrd, ug/L (01000)	Boron, water, fltrd, ug/L (01020)	Iron, water, fltrd, ug/L (01046)	Lithium water, fltrd, ug/L (01130)	Selen-ium, water, fltrd, ug/L (01145)	Stront-ium, water, fltrd, ug/L (01080)	Vanad-ium, water, fltrd, ug/L (01085)	[a]2,4,5-T surrog, water, fltrd, percent recovry (99958)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)
NOV 24...	92	246	10.7	896	<19	348	1.4	3,510	2.1	97.9	<.009	E.01	<.02
MAR 02...	120	414	10.2	721	E5	296	2.4	3,160	4.3	E142	<.009	.02	<.02
JUN 15...	--	--	8.1	853	E18	383	2.4	3,930	2.1	89.1	<.009	<.02	<.02
SEP 08...	--	--	7.8	963	<19	409	2.9	4,060	1.7	86.5	<.009	<.02	<.02

Date	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	OIET, water, fltrd, ug/L (50355)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	Aceto-chlor, water, fltrd, ug/L (49260)	Aci-fluor-fen, water, fltrd 0.7u GF ug/L (49315)	Ala-chlor, water, fltrd, ug/L (46342)	Aldi-carb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldi-carb sulf-oxide, wat flt 0.7u GF ug/L (49314)	Aldi-carb, water, fltrd 0.7u GF ug/L (49312)	alpha-HCH, water, fltrd, ug/L (34253)
NOV 24...	<.006	<.006	<.04	<.008	<.006	<2	<.006	<.007	<.005	<.02	<.008	<.04	<.005
MAR 02...	<.006	<.006	<.04	<.008	<.006	<2	<.006	<.007	<.005	<.02	<.008	<.04	<.005
JUN 15...	<.006	<.006	<.01	<.008	<.006	<.014	<.006	<.007	<.005	<.02	<.008	<.04	<.005
SEP 08...	<.006	<.006	<.01	<.008	<.006	<.014	<.006	<.007	<.005	<.02	<.008	<.04	<.005

Date	[a]alpha-HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)	[a]Barban, surrog, Sched. 2060/ 9060, wat flt pct rcv (90640)	Bendio-carb, water, fltrd, ug/L (50299)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)	Bensul-furon, water, fltrd, ug/L (61693)	Ben-tazon, water, fltrd 0.7u GF ug/L (38711)	Broma-cil, water, fltrd, ug/L (04029)	Brom-oxynil, water, fltrd 0.7u GF ug/L (49311)	Butyl-ate, water, fltrd, ug/L (04028)	Caf-feine, water, fltrd, ug/L (50305)
NOV 24...	77.7	<.007	<.050	82.4	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.004	<.0096
MAR 02...	105	<.007	<.050	117	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.004	<.0096
JUN 15...	99.5	<.007	<.050	89.8	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.004	<.0096
SEP 08...	87.4	<.007	<.050	89.0	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.004	<.0096

Date	[a]Caf-feine-13C, surrog, wat flt percent recovry (99959)	Car-baryl, water, fltrd 0.7u GF ug/L (49310)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo-furan, water, fltrd 0.7u GF ug/L (49309)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-amben methyl ester, water, fltrd, ug/L (61188)	Chlori-muron, water, fltrd, ug/L (50306)	Chloro-di-amino-s-tri-azine, wat flt ug/L (04039)	Chloro-thalo-nil, water, fltrd 0.7u GF ug/L (49306)	Chlor-pyrifos water, fltrd, ug/L (38933)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)	Clopyr-alid, water, fltrd 0.7u GF ug/L (49305)	Cyana-zine, water, fltrd, ug/L (04041)
NOV 24...	83.7	<.03	<.041	<.006	<.020	<.02	<.010	<.01	<.04	<.005	<.006	<.01	<.018
MAR 02...	130	<.03	<.041	<.006	<.020	<.02	<.010	<.01	<.04	<.005	<.006	<.01	<.018
JUN 15...	99.0	<.03	<.041	<.006	<.020	<.02	<.010	<.04	<.04	<.005	<.006	<.01	<.018
SEP 08...	90.5	<.03	<.041	<.006	<.020	<.02	<.010	<.04	<.04	<.005	<.006	<.01	<.018

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Cyclo-ate, water, fltrd, ug/L (04031)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)	Diazi-non, water, fltrd, ug/L (39572)	[a]Diazi-non-d10 surrog. wat flt 0.7u GF percent recovry (91063)	Dicamba water fltrd 0.7u GF ug/L (38442)	Di-chlor-prop, water, fltrd 0.7u GF ug/L (49302)	Diel-drin, water, fltrd, ug/L (39381)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphen-amid, water, fltrd, ug/L (04033)	Disul-foton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)
NOV													
24...	<.01	<.01	<.003	<.012	<.005	88.5	<.01	<.01	<.009	<.01	<.03	<.02	<.01
MAR													
02...	<.01	<.01	.003	<.012	<.005	139	<.05	<.01	<.009	<.01	<.03	<.02	E.01
JUN													
15...	<.01	<.01	<.003	<.012	<.005	114	<.01	<.01	<.009	<.01	<.03	<.02	<.01
SEP													
08...	<.01	<.01	<.003	<.012	E.005	90.2	<.01	<.01	<.009	<.01	<.03	<.02	<.01

Date	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal-flur-alin, water, fltrd 0.7u GF ug/L (82663)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)	Flumet-sulam, water, fltrd, ug/L (61694)	Fluo-meturon water fltrd 0.7u GF ug/L (38811)	Fonofos water, fltrd, ug/L (04095)	Imaza-quin, water, fltrd, ug/L (50356)	Imaze-thapyr, water, fltrd, ug/L (50407)
NOV													
24...	<.004	<.009	<.007	<.03	<.029	<.013	<.024	<.016	<.01	<.03	<.003	<.02	<.02
MAR													
02...	<.004	<.009	<.005	<.03	<.029	<.013	<.024	<.016	<.01	<.03	<.003	<.02	<.02
JUN													
15...	<.004	<.009	<.005	<.03	<.029	<.013	<.024	<.016	<.01	<.03	<.003	<.02	<.02
SEP													
08...	<.004	<.009	<.005	<.03	<.029	<.013	<.024	<.016	<.01	<.03	<.003	<.02	<.02

Date	Imida-cloprid water, fltrd, ug/L (61695)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (38478)	Linuron water fltrd 0.7u GF ug/L (82666)	Mala-thion, water, fltrd, ug/L (39532)	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Meta-laxyl, water, fltrd, ug/L (50359)	Methio-carb, water, fltrd 0.7u GF ug/L (38501)	Meth-omyl, water, fltrd 0.7u GF ug/L (49296)	Methyl para-thion, water, fltrd 0.7u GF ug/L (82667)	Metola-chlor, water, fltrd, ug/L (39415)	Metri-buzin, water, fltrd, ug/L (82630)
NOV													
24...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.015	<.013	<.006
MAR													
02...	<.007	<.004	<.01	<.035	E.013	<.02	<.01	<.02	<.008	<.004	<.015	<.013	<.006
JUN													
15...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.015	<.013	<.006
SEP													
08...	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.015	<.013	<.006

Date	Metsul-furon, water, fltrd, ug/L (61697)	Moli-nate, water, fltrd 0.7u GF ug/L (82671)	N-(4-Chloro-phenyl) -N-' methyl-urea, ug/L (61692)	Naprop-amide, water, fltrd 0.7u GF ug/L (82684)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nico-sul-furon, water, fltrd, ug/L (50364)	Norflur azon, water, fltrd 0.7u GF ug/L (49293)	Ory-zalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	p,p-' DDE, water, fltrd, ug/L (34653)	Para-thion, water, fltrd, ug/L (39542)	Peb-ulate, water, fltrd 0.7u GF ug/L (82669)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)
NOV													
24...	<.03	<.003	<.02	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010	<.004	<.022
MAR													
02...	<.05	<.003	<.02	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010	<.004	<.022
JUN													
15...	<.03	<.003	<.02	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010	<.004	<.022
SEP													
08...	<.03	<.003	<.02	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010	<.004	<.022

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Phorate water fltrd 0.7u GF ug/L (82664)	Picloram, water, fltrd 0.7u GF ug/L (49291)	Prometon, water, fltrd, ug/L (04037)	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Propachlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propiconazole, water, fltrd, ug/L (50471)	Propoxur, water, fltrd 0.7u GF ug/L (38538)	Siduron water, fltrd, ug/L (38548)	Simazine, water, fltrd, ug/L (04035)	Sulfometruron, water, fltrd, ug/L (50337)
NOV													
24...	<.011	<.02	<.01	<.004	<.025	<.011	<.02	<.010	<.02	<.008	<.02	<.005	<.009
MAR													
02...	<.011	<.02	.01	<.004	<.025	<.011	<.02	<.010	<.02	<.008	<.02	<.005	<.009
JUN													
15...	<.011	<.02	.01	<.004	<.025	<.011	<.02	<.010	<.02	<.008	<.02	E.004	<.009
SEP													
08...	<.011	<.02	.01	<.004	<.025	<.011	<.02	<.010	<.02	<.008	<.02	<.005	<.009

Date	Tebuthiuron water fltrd 0.7u GF ug/L (82670)	Terbacil, water, fltrd 0.7u GF ug/L (82665)	Terbacil, water, fltrd, ug/L (04032)	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Thiobencarb water fltrd 0.7u GF ug/L (82681)	Triallate, water, fltrd 0.7u GF ug/L (82678)	Triclopyr, water, fltrd 0.7u GF ug/L (49235)	Trifluralin, water, fltrd 0.7u GF ug/L (82661)	Suspnd. sediment, sieve diametr percent <.063mm (70331)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
NOV											
24...	<.02	<.034	<.010	<.02	<.010	<.002	<.02	<.009	48	426	152
MAR											
02...	.05	<.034	<.010	<.02	<.010	<.002	.09	<.009	90	1,200	693
JUN											
15...	<.02	<.034	<.010	<.02	<.010	<.002	<.02	<.009	51	20	3.0
SEP											
08...	<.02	<.034	<.010	<.02	<.010	<.002	<.02	<.009	44	33	6.1

Remark codes used in this table:
< -- Less than
E -- Estimated value

[a] -- Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

LOWER COLORADO RIVER BASIN-LAKE MEAD, LOWER VIRGIN RIVER BASIN

09415240 VIRGIN RIVER NEAR OVERTON, NV

LOCATION.--Lat 36°34'59", long 114°19'27" referenced to North American Datum of 1927, in SW ¼ SW ¼ sec. 31, T.15 S., R.69 E., Clark County, Hydrologic Unit 15010010, in Lake Mead National Recreation Area, on right bank, .25 mi upstream of Lake Mead, and 4 mi east of Overton, NV.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--January 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,230 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,060 ft^3/s, August 24, 2003, gage height, 5.58 ft, from high water mark; no flow at times, some years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 570 ft^3/s, December 27, gage height, 5.44 ft; minimum daily discharge, 0.00 ft^3/s, on many days.

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	0.26	50	118	134	119	186	62	50	9.1	0.00	0.00	1.2
2	0.24	56	115	132	122	158	92	60	5.1	0.00	0.00	0.75
3	2.2	58	105	128	126	153	125	60	7.8	0.00	0.00	2.0
4	2.0	58	108	128	145	147	265	60	6.9	0.00	0.00	1.4
5	5.3	48	116	130	140	140	212	53	0.59	0.00	0.00	1.6
6	28	50	113	129	132	138	177	54	0.19	0.00	0.00	3.8
7	23	46	112	124	135	131	214	52	0.06	0.00	0.00	0.87
8	32	55	114	126	124	135	236	53	0.00	0.00	0.00	4.2
9	39	73	126	121	132	130	217	51	0.00	0.00	0.00	5.7
10	37	69	130	109	126	147	177	53	0.00	0.00	0.00	5.7
11	26	68	123	111	118	160	164	32	0.00	0.00	0.00	11
12	21	81	123	112	123	202	161	30	0.00	0.00	0.00	40
13	18	88	120	115	119	159	122	39	0.00	0.00	0.00	47
14	22	142	127	114	117	135	103	32	0.00	0.00	58	26
15	46	153	129	109	122	120	93	25	0.00	0.00	25	27
16	48	132	127	111	130	101	94	17	0.00	0.00	24	20
17	35	124	121	108	115	132	82	20	0.00	0.00	15	15
18	34	123	125	109	113	124	76	22	0.30	5.4	21	15
19	30	117	119	115	111	94	71	28	0.91	11	5.4	10
20	31	118	123	110	101	91	75	19	0.17	3.2	14	12
21	34	113	124	107	105	85	72	15	0.50	0.16	12	16
22	58	110	128	115	114	84	68	12	0.27	0.00	30	25
23	58	107	128	103	145	92	57	18	0.00	0.00	39	16
24	46	118	127	105	174	107	62	21	0.00	0.00	19	29
25	39	117	127	112	192	135	72	14	0.00	0.00	15	38
26	43	108	149	116	194	141	65	7.2	0.00	0.00	4.1	24
27	54	117	364	115	333	115	67	7.8	0.00	0.00	8.8	15
28	59	123	202	107	354	109	70	7.8	0.00	0.00	10	27
29	64	122	144	109	280	113	80	7.8	0.00	0.00	6.7	29
30	66	117	138	98	---	103	52	11	0.00	0.00	1.4	50
31	49	---	137	108	---	82	---	17	---	0.00	2.8	---
TOTAL	1,050.00	2,861	4,162	3,570	4,361	3,949	3,483	948.6	31.89	19.76	311.20	519.22
MEAN	33.9	95.4	134	115	150	127	116	30.6	1.06	0.64	10.0	17.3
MAX	66	153	364	134	354	202	265	60	9.1	11	58	50
MIN	0.24	46	105	98	101	82	52	7.2	0.00	0.00	0.00	0.75
AC-FT	2,080	5,670	8,260	7,080	8,650	7,830	6,910	1,880	63	39	617	1,030

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2004, BY WATER YEAR (WY)

MEAN	33.9	95.4	134	124	164	142	89.9	36.6	1.45	0.32	30.8	20.6
MAX	33.9	95.4	134	133	179	157	116	42.5	1.84	0.64	51.6	23.9
(WY)	(2004)	(2004)	(2004)	(2003)	(2003)	(2003)	(2004)	(2003)	(2003)	(2004)	(2003)	(2003)
MIN	33.9	95.4	134	115	150	127	63.6	30.6	1.06	0.00	10.0	17.3
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2003)	(2004)	(2004)	(2003)	(2004)	(2004)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2003 - 2004	
ANNUAL TOTAL	27,667.20		25,266.67			
ANNUAL MEAN	75.8		69.0		69.0	
HIGHEST ANNUAL MEAN					69.0	2004
LOWEST ANNUAL MEAN					69.0	2004
HIGHEST DAILY MEAN	567	Mar 18	364	Dec 27	567	Mar 18, 2003
LOWEST DAILY MEAN	0.00	Jun 11	0.00	Jun 8	0.00	Jun 11, 2003
ANNUAL SEVEN-DAY MINIMUM	0.00	Jun 11	0.00	Jun 8	0.00	Jun 11, 2003
MAXIMUM PEAK FLOW			570	Dec 27	1,060	Aug 24, 2003
MAXIMUM PEAK STAGE			5.44	Dec 27	5.58	Aug 24, 2003
ANNUAL RUNOFF (AC-FT)	54,880		50,120		50,010	
10 PERCENT EXCEEDS	155		137		137	
50 PERCENT EXCEEDS	58		58		58	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

LOWER COLORADO RIVER BASIN-LAKE MEAD, WHITE RIVER BASIN

09415460 WHITE RIVER NEAR RED MOUNTAIN NEAR PRESTON, NV

LOCATION.--Lat 38°56'07", long 115°17'51" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec. 02, T.12 N., R.59 E., White Pine County, Hydrologic Unit 15010011, on right bank near US Forest Service campground, picnic area, about 8.0 mi west of U.S. Highway 6, and about 14.5 mi northwest of Preston.

DRAINAGE AREA.--28.2 mi^2.

PERIOD OF RECORD.--January 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,880 ft above National Geodetic Vertical Datum of 1929, from topographic map

REMARKS.--No estimated daily discharges. Records good. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19 ft^3/s, April 5, 2004, gage height, 4.98 ft; minimum daily, 0 36 ft^3/s, February 20, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 19 ft^3/s, April 5, gage height, 4.98 ft; minimum daily discharge, 0.36 ft^3/s, February 20.

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	0.92	0.93	0.88	0.91	0.58	0.43	3.9	4.9	3.1	1.9	1.1	0.64
2	0.94	0.74	0.88	0.86	0.81	0.47	5.0	4.9	3.0	1.9	1.1	0.63
3	1.1	0.94	0.91	0.84	0.81	0.47	9.6	5.0	3.0	1.8	0.99	0.72
4	1.1	0.79	0.89	0.87	0.75	0.47	11	5.2	2.9	1.8	0.93	0.77
5	1.0	0.86	0.93	0.87	0.70	0.49	13	5.2	2.8	1.7	0.90	0.74
6	1.0	0.82	0.91	0.87	0.71	0.54	15	5.1	2.7	1.7	0.87	0.70
7	1.0	0.88	0.90	0.90	0.81	0.54	15	4.8	2.7	1.6	0.87	0.67
8	1.0	0.97	0.79	0.93	0.75	0.58	14	4.7	2.6	1.6	0.85	0.65
9	1.0	1.0	0.53	0.95	0.65	0.59	13	4.6	2.7	1.5	0.83	0.64
10	0.99	1.0	0.92	0.96	0.71	0.62	12	4.6	2.7	1.5	0.81	0.64
11	1.1	0.92	0.95	0.87	0.81	0.62	11	4.5	2.6	1.4	0.79	0.63
12	1.1	0.95	0.86	0.85	0.81	0.65	10	4.3	2.5	1.4	0.77	0.62
13	1.1	1.0	0.95	0.81	0.81	0.67	9.6	4.1	2.5	1.3	0.77	0.60
14	1.1	0.96	0.88	0.77	0.81	0.70	9.1	4.1	2.4	1.3	0.84	0.58
15	1.1	0.92	0.90	0.77	0.75	0.72	8.5	4.2	2.4	1.4	0.83	0.62
16	1.1	1.0	0.91	0.78	0.64	0.76	7.9	4.1	2.4	1.5	0.86	0.61
17	1.1	1.0	0.96	0.78	0.55	0.80	7.7	4.0	2.6	1.4	0.85	0.58
18	1.1	0.96	1.0	0.79	0.44	0.85	7.4	4.0	2.6	1.4	0.82	0.56
19	0.92	0.96	0.95	0.82	0.39	0.92	7.2	3.9	2.3	1.3	0.81	0.62
20	0.81	1.00	0.83	0.76	0.36	0.99	6.8	3.8	2.3	1.3	0.79	0.72
21	0.81	0.94	0.82	0.72	0.39	1.1	6.7	3.7	2.2	1.2	0.78	0.73
22	0.81	0.57	0.77	0.73	0.37	1.3	6.3	3.7	2.2	1.2	0.76	0.73
23	0.82	0.54	0.79	0.89	0.38	1.6	5.9	3.6	2.1	1.2	0.76	0.70
24	0.84	0.61	0.81	0.81	0.38	2.0	5.7	3.5	2.1	1.2	0.82	0.68
25	0.85	0.71	0.84	0.79	0.39	2.5	5.5	3.6	2.0	1.2	0.77	0.67
26	0.86	0.82	0.70	0.75	0.41	3.4	5.4	3.4	2.0	1.1	0.74	0.66
27	0.85	0.85	0.60	0.81	0.43	3.2	5.5	3.3	2.0	1.1	0.75	0.64
28	0.85	0.88	0.60	0.83	0.43	3.1	5.6	3.6	2.0	1.1	0.74	0.66
29	0.83	0.94	0.60	0.75	0.43	3.2	5.6	3.5	2.0	1.1	0.71	0.70
30	0.85	0.94	0.62	0.68	---	3.4	5.2	3.3	1.9	1.0	0.69	0.74
31	0.88	---	0.77	0.62	---	3.5	---	3.2	---	0.98	0.67	---
TOTAL	29.83	26.40	25.65	25.34	17.26	41.18	254.1	128.4	73.3	43.08	25.57	19.85
MEAN	0.96	0.88	0.83	0.82	0.60	1.33	8.47	4.14	2.44	1.39	0.82	0.66
MAX	1.1	1.0	1.0	0.96	0.81	3.5	15	5.2	3.1	1.9	1.1	0.77
MIN	0.81	0.54	0.53	0.62	0.36	0.43	3.9	3.2	1.9	0.98	0.67	0.56
AC-FT	59	52	51	50	34	82	504	255	145	85	51	39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2004, BY WATER YEAR (WY)

MEAN	0.96	0.88	0.83	0.82	0.78	1.20	5.31	5.67	3.34	1.84	1.10	0.84
MAX	0.96	0.88	0.83	0.82	0.97	1.33	8.47	7.20	4.24	2.29	1.37	1.02
(WY)	(2004)	(2004)	(2004)	(2004)	(2003)	(2004)	(2004)	(2003)	(2003)	(2003)	(2003)	(2003)
MIN	0.96	0.88	0.83	0.82	0.60	1.07	2.15	4.14	2.44	1.39	0.82	0.66
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2003)	(2003)	(2004)	(2004)	(2004)	(2004)	(2004)

SUMMARY STATISTICS	FOR 2004 WATER YEAR		WATER YEARS 2003 - 2004	
ANNUAL TOTAL	709.96			
ANNUAL MEAN	1.94		1.94	
HIGHEST ANNUAL MEAN			1.94	2004
LOWEST ANNUAL MEAN			1.94	2004
HIGHEST DAILY MEAN	15	Apr 6	15	Apr 6, 2004
LOWEST DAILY MEAN	0.36	Feb 20	0.36	Feb 20, 2004
ANNUAL SEVEN-DAY MINIMUM	0.38	Feb 19	0.38	Feb 19, 2004
MAXIMUM PEAK FLOW	19	Apr 5	19	Apr 5, 2004
MAXIMUM PEAK STAGE	4.98	Apr 5	4.98	Apr 5, 2004
ANNUAL RUNOFF (AC-FT)	1,410		1,410	
10 PERCENT EXCEEDS	4.7		4.7	
50 PERCENT EXCEEDS	0.92		0.92	
90 PERCENT EXCEEDS	0.62		0.62	

LOWER COLORADO RIVER BASIN-LAKE MEAD, WHITE RIVER BASIN

09415510 PRESTON BIG SPRING NEAR PRESTON, NV

LOCATION (REVISED).--Lat 38°55'49.66", long 115°04'44.07" referenced to North American Datum of 1983, in SE ¼ NE ¼ sec. 02, T.12 N., R.61 E., White Pine County, Hydrologic Unit 15010011, 1.0 mi northwest of Preston.

PERIOD OF RECORD.--May 1947, January, July, August 1982, October, November 1985, 1987-1999 (discharge measurements only), December 1982 to September 1985, February 2000 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,700 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10 ft^3/s, August 5, 2004, gage height, 1.97 ft; maximum gage height, 2.24 ft, April 2, 2000, backwater from debris in flume; minimum daily, 6.7 ft^3/s, several days March and April 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 10 ft^3/s, July 21, August 3, 5, 22, 23, gage height, 1.78 ft; minimum daily discharge, 7.2 ft^3/s, on several days.

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	7.8	7.4	7.8	7.4	7.8	8.0	8.4	9.0	8.0	7.6	8.4	8.4
2	7.9	7.4	7.8	7.4	7.8	8.0	8.5	8.4	8.2	7.5	8.0	8.4
3	7.9	7.4	7.7	7.5	7.9	8.0	8.5	7.8	8.5	7.7	8.5	8.4
4	8.1	7.4	7.6	e7.7	7.9	8.0	8.5	7.8	8.1	7.5	9.1	8.4
5	8.0	7.3	7.4	e7.8	7.9	8.1	8.5	7.8	7.9	7.4	8.4	8.4
6	7.8	7.3	7.5	7.6	8.0	8.1	8.5	7.8	8.0	7.4	8.0	9.1
7	7.8	7.2	7.5	7.6	8.0	8.1	8.4	7.8	7.7	7.5	8.1	9.2
8	8.0	7.2	7.5	7.6	8.0	8.1	8.4	7.8	7.6	7.5	8.1	8.8
9	7.9	7.3	e7.6	7.6	8.1	8.1	8.2	7.8	7.8	8.1	8.0	7.8
10	7.9	7.3	7.3	7.7	8.1	8.1	8.0	7.8	7.8	8.4	8.0	8.0
11	8.0	7.3	7.2	7.7	7.8	8.2	7.9	7.8	8.0	8.0	7.9	8.1
12	8.0	7.3	7.2	7.7	7.7	8.2	7.6	7.8	7.7	7.4	7.9	8.2
13	8.0	7.3	7.3	7.7	7.8	8.2	7.6	7.8	7.7	7.3	8.0	8.3
14	8.1	7.4	7.3	7.7	7.8	8.2	7.7	7.8	7.7	7.2	8.2	8.3
15	8.1	7.4	7.3	7.7	7.8	8.3	7.6	7.8	8.1	7.2	8.5	8.4
16	8.2	7.3	7.3	7.8	7.9	8.3	7.5	7.7	7.9	7.3	8.4	8.7
17	8.4	7.4	7.3	7.8	7.9	8.4	7.5	7.8	7.8	8.4	7.9	8.8
18	8.4	7.4	7.4	7.9	8.0	8.4	7.5	7.7	8.0	8.7	7.9	8.8
19	8.2	7.4	7.5	7.9	7.9	8.4	7.4	7.7	8.1	8.0	7.9	8.3
20	7.9	7.2	7.5	7.9	7.8	8.4	7.3	7.8	8.2	8.4	8.0	7.9
21	8.2	7.5	7.5	8.0	7.8	8.5	7.4	7.7	7.7	8.8	8.1	8.0
22	8.2	7.9	7.5	8.0	7.8	8.3	8.0	7.8	7.7	8.0	8.1	8.7
23	8.1	7.9	7.5	8.0	7.9	8.1	8.1	7.7	7.8	8.1	9.3	8.6
24	7.9	7.9	7.5	8.0	7.9	8.2	8.2	7.7	7.6	8.2	7.9	9.0
25	e7.7	7.9	7.5	8.0	7.9	8.3	8.3	7.8	7.9	8.3	8.2	8.7
26	e7.7	7.9	7.5	7.8	7.9	8.3	8.3	7.8	8.1	8.3	8.7	8.3
27	7.9	7.9	e7.8	7.6	7.9	8.3	8.4	7.8	8.5	7.9	8.4	7.9
28	7.8	7.9	e7.9	7.6	7.9	8.3	8.5	7.8	8.4	8.0	8.0	7.7
29	7.4	7.8	e7.9	7.7	8.0	8.3	8.7	8.1	7.5	8.1	8.1	7.6
30	7.4	7.8	7.5	7.7	---	8.4	8.9	8.3	7.6	8.1	7.9	7.5
31	7.5	---	7.4	7.7	---	8.4	---	7.7	---	8.4	8.1	---
TOTAL	246.2	225.0	232.5	239.8	228.9	255.0	242.3	243.7	237.6	244.7	254.0	250.7
MEAN	7.94	7.50	7.50	7.74	7.89	8.23	8.08	7.86	7.92	7.89	8.19	8.36
MAX	8.4	7.9	7.9	8.0	8.1	8.5	8.9	9.0	8.5	8.8	9.3	9.2
MIN	7.4	7.2	7.2	7.4	7.7	8.0	7.3	7.7	7.5	7.2	7.9	7.5
AC-FT	488	446	461	476	454	506	481	483	471	485	504	497

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2004, BY WATER YEAR (WY)

MEAN	7.68	7.60	7.81	7.71	7.62	7.68	7.65	7.47	7.73	7.79	7.74	7.67
MAX	7.94	7.77	8.52	8.23	7.95	8.23	8.08	7.95	8.78	8.66	8.19	8.36
(WY)	(2004)	(2001)	(1983)	(1983)	(1983)	(2004)	(2004)	(1985)	(1985)	(1985)	(2004)	(2004)
MIN	7.32	7.34	7.26	6.96	6.99	6.83	6.89	6.88	7.00	7.35	7.41	7.22
(WY)	(1984)	(1984)	(1984)	(1984)	(1984)	(1984)	(1984)	(2002)	(2002)	(2002)	(2002)	(1985)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1983 - 2004	
ANNUAL TOTAL	2,789.8		2,900.4			
ANNUAL MEAN	7.64		7.92		7.65	
HIGHEST ANNUAL MEAN					7.98	1985
LOWEST ANNUAL MEAN					7.24	1984
HIGHEST DAILY MEAN	8.4	Oct 17	9.3	Aug 23	9.3	Aug 23, 2004
LOWEST DAILY MEAN	6.9	Feb 28	7.2	Nov 7	6.7	Mar 18, 1984
ANNUAL SEVEN-DAY MINIMUM	6.9	Mar 12	7.3	Nov 5	6.7	Mar 30, 1984
MAXIMUM PEAK FLOW			10	July 21	10	Aug 5, 2004
MAXIMUM PEAK STAGE			1.97	Aug 5	2.24	Apr 2, 2000
ANNUAL RUNOFF (AC-FT)	5,530		5,750		5,540	
10 PERCENT EXCEEDS	8.0		8.4		8.1	
50 PERCENT EXCEEDS	7.7		7.9		7.6	
90 PERCENT EXCEEDS	7.3		7.4		7.0	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, WHITE RIVER BASIN

09415515 WATER CANYON CREEK NEAR PRESTON, NV

LOCATION.--Lat 38°59'16", long 114°57'27" referenced to North American Datum of 1927, in SW ¼ NW ¼ sec. 13, T.13 N., R.62 E., White Pine County, Hydrologic Unit 15010011, on right bank, and 7 mi northeast of Preston.

DRAINAGE AREA.--11 mi^2.

PERIOD OF RECORD.--May 1983 to September 1987, March 1990 to December 1994, April 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,400 ft above sea level, from topographic map.

REMARKS.--Records poor. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 90 ft^3/s, August 16, 1984, gage height 5.92 ft; minimum daily discharge 0.01 ft^3/s, December 23, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1.8 ft^3/s, March 3, gage height, 4.36 ft; minimum daily discharge, 0.10 ft^3/s, on several days.

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	1.0	e0.92	e0.44	e0.10	e0.16	e0.60	0.82	0.65	0.50	e0.55	e0.50	0.49
2	0.97	e0.66	e0.44	e0.10	e0.16	0.62	0.89	0.62	0.53	e0.55	e0.50	0.51
3	0.99	e0.64	e0.43	e0.10	e0.16	0.65	0.80	0.54	0.62	e0.55	e0.50	0.56
4	0.99	e0.63	e0.40	e0.11	e0.16	0.60	0.70	0.67	e0.60	e0.55	e0.50	0.50
5	0.99	e0.62	e0.34	e0.11	e0.16	0.57	0.68	0.72	e0.60	e0.55	e0.50	0.51
6	1.0	e0.61	e0.27	e0.13	e0.16	0.58	0.82	0.80	e0.60	e0.55	e0.50	0.53
7	0.99	e0.59	e0.22	e0.15	e0.16	0.60	0.73	0.88	e0.60	e0.55	e0.50	0.51
8	0.96	e0.59	e0.17	e0.16	e0.16	0.61	0.62	0.83	e0.60	e0.55	e0.50	0.50
9	0.97	e0.58	e0.14	e0.18	e0.16	0.60	0.57	0.91	e0.60	e0.55	e0.50	0.49
10	0.98	e0.58	e0.14	e0.19	e0.16	0.58	0.58	0.92	e0.60	e0.55	e0.50	0.54
11	0.96	e0.58	e0.14	e0.20	e0.16	0.57	0.57	0.88	e0.60	e0.55	e0.50	0.54
12	0.94	e0.57	e0.14	e0.20	e0.17	0.57	0.55	0.77	e0.60	e0.55	e0.50	0.51
13	0.95	e0.57	e0.14	e0.20	e0.17	0.57	0.58	0.63	e0.60	e0.55	e0.50	0.51
14	0.97	e0.56	e0.14	e0.21	e0.18	0.57	0.55	0.55	e0.60	e0.55	e0.50	0.53
15	e0.96	e0.55	e0.14	e0.21	e0.19	0.56	0.59	0.50	e0.60	e0.55	e0.50	0.41
16	e0.95	e0.48	e0.15	e0.21	e0.22	0.58	0.58	0.46	e0.60	e0.55	e0.50	0.40
17	e0.95	e0.46	e0.16	e0.20	e0.25	0.60	0.61	0.46	e0.60	e0.55	e0.50	0.36
18	e0.93	e0.45	e0.17	e0.20	e0.29	0.64	0.63	0.51	e0.60	e0.55	e0.50	0.36
19	e0.93	e0.44	e0.18	e0.20	e0.33	0.75	0.63	0.50	e0.60	e0.55	e0.50	0.38
20	e0.91	e0.43	e0.19	e0.20	e0.37	0.83	0.57	0.45	e0.60	e0.55	e0.50	0.42
21	e0.91	e0.41	e0.20	e0.19	e0.40	0.86	0.51	0.50	e0.55	e0.55	e0.50	0.41
22	e0.91	e0.41	e0.20	e0.18	e0.42	0.91	0.55	0.62	e0.55	e0.55	e0.50	0.41
23	e0.90	e0.41	e0.19	e0.17	e0.44	0.88	0.57	0.59	e0.55	e0.55	e0.50	0.40
24	e0.90	e0.42	e0.17	e0.16	e0.47	0.78	0.52	0.50	e0.55	e0.55	e0.50	0.38
25	0.89	e0.42	e0.14	e0.16	e0.49	0.77	0.71	0.40	e0.55	e0.55	e0.50	0.37
26	0.90	e0.43	e0.12	e0.16	e0.50	0.79	0.71	0.35	e0.55	e0.55	0.60	0.36
27	0.90	e0.43	e0.11	e0.16	e0.52	0.77	0.72	0.33	e0.55	e0.55	0.48	0.35
28	0.91	e0.43	e0.10	e0.16	e0.53	0.77	0.74	0.51	e0.55	e0.55	0.43	0.34
29	0.91	e0.42	e0.10	e0.16	e0.55	0.75	0.82	0.51	e0.55	e0.55	0.42	0.36
30	0.92	e0.42	e0.10	e0.16	---	0.75	0.77	0.47	e0.55	e0.55	0.42	0.32
31	0.92	---	e0.10	e0.16	---	0.74	---	0.49	---	e0.55	0.45	---
TOTAL	29.26	15.71	6.07	5.18	8.25	21.02	19.69	18.52	17.35	17.05	15.30	13.26
MEAN	0.94	0.52	0.20	0.17	0.28	0.68	0.66	0.60	0.58	0.55	0.49	0.44
MAX	1.0	0.92	0.44	0.21	0.55	0.91	0.89	0.92	0.62	0.55	0.60	0.56
MIN	0.89	0.41	0.10	0.10	0.16	0.56	0.51	0.33	0.50	0.55	0.42	0.32
AC-FT	58	31	12	10	16	42	39	37	34	34	30	26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2004, BY WATER YEAR (WY)

MEAN	2.37	1.75	1.47	1.32	1.22	1.55	1.59	1.38	1.96	2.32	2.27	2.17
MAX	5.97	4.08	3.37	2.67	2.68	3.72	3.55	4.00	7.22	10.8	9.14	7.43
(WY)	(1984)	(1984)	(1984)	(1984)	(1984)	(1986)	(1986)	(1986)	(1983)	(1983)	(1983)	(1983)
MIN	0.47	0.48	0.13	0.17	0.28	0.38	0.37	0.24	0.41	0.38	0.46	0.42
(WY)	(1991)	(1993)	(1991)	(2004)	(2004)	(1992)	(1990)	(1991)	(1991)	(1991)	(1992)	(1990)

09415515 WATER CANYON CREEK NEAR PRESTON, NV—Continued

SUMMARY STATISTICS	FOR 2004 WATER YEAR		WATER YEARS 1983 - 2004	
ANNUAL TOTAL	186.66			
ANNUAL MEAN	0.51		1.68	
HIGHEST ANNUAL MEAN			3.98	1984
LOWEST ANNUAL MEAN			0.43	1991
HIGHEST DAILY MEAN	1.0	Oct 1	16	Jul 30, 1983
LOWEST DAILY MEAN	0.10	Dec 28	0.01	Dec 23, 1990
ANNUAL SEVEN-DAY MINIMUM	0.10	Dec 28	0.02	Dec 22, 1990
MAXIMUM PEAK FLOW	1.8	Mar 3	90	Aug 16, 1984
MAXIMUM PEAK STAGE	4.36	Mar 3	5.92	Aug 16, 1984
ANNUAL RUNOFF (AC-FT)	370		1,220	
10 PERCENT EXCEEDS	0.88		3.8	
50 PERCENT EXCEEDS	0.54		1.0	
90 PERCENT EXCEEDS	0.16		0.36	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, WHITE RIVER BASIN

09415550 WHITE RIVER NEAR LUND, NV

LOCATION.--Lat 38°38'17", long 115°05'32" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec. 14, T.09 N., R.61 E., Nye County, Hydrologic Unit 15010011, on right bank, 1 mi west of Hardy Springs, and 17 mi south of Lund.

DRAINAGE AREA.--703 mi^2.

PERIOD OF RECORD.--September 1990 to September 1994, December 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,300 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 44 ft^3/s, March 3, 2000, gage height, 2.24 ft; no flow many days, most years.

EXTREMES FOR CURRENT YEAR.--No flow during the year.

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2004, BY WATER YEAR (WY)

MEAN	0.00	0.00	0.00	0.00	0.42	3.05	0.28	0.00	0.00	0.00	0.00	0.00
MAX	0.00	0.00	0.00	0.00	1.42	11.7	1.46	0.00	0.02	0.00	0.00	0.00
(WY)	(2001)	(1991)	(1991)	(1991)	(2000)	(2000)	(1993)	(1991)	(1993)	(1991)	(1991)	(1991)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1991)	(1991)	(1991)	(1991)	(1991)	(1994)	(1991)	(1991)	(1991)	(1991)	(1991)	(1991)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1990 - 2004	
ANNUAL TOTAL	0.00		0.00			
ANNUAL MEAN	0.00		0.00		0.22	
HIGHEST ANNUAL MEAN					1.00	1993
LOWEST ANNUAL MEAN					0.00	1994
HIGHEST DAILY MEAN	0.00	Jan 1	0.00	Oct 1	42	Mar 10, 2000
LOWEST DAILY MEAN	0.00	Jan 1	0.00	Oct 1	0.00	Oct 1, 1990
ANNUAL SEVEN-DAY MINIMUM	0.00	Jan 1	0.00	Oct 1	0.00	Oct 1, 1990
MAXIMUM PEAK FLOW					44	Mar 3, 2000
MAXIMUM PEAK STAGE					3.26	Mar 8, 1993
ANNUAL RUNOFF (AC-FT)	0.00		0.00		157	
10 PERCENT EXCEEDS	0.00		0.00		0.00	
50 PERCENT EXCEEDS	0.00		0.00		0.00	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, WHITE RIVER BASIN

09415589 CRYSTAL SPRING DIVERSION NEAR HIKO, NV

LOCATION (REVISED).--Lat 37°31'54.7", long 115°14'00.4" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec. 10, T.05 S., R.60 E., Lincoln County, Hydrologic Unit 15010011, Diversion gage is located on left bank 250 ft southeast of the main gage and flume.

PERIOD OF RECORD.--May 2004 to September 2004.

REMARKS.--Record fair except for estimated daily discharge, which is poor. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge during period May to September, 8.7 ft^3/s, Sept. 13, 2004, gage height, 7.71 ft; no flow, many days.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 8.7 ft^3/s, September 13, gage height, 7.71 ft; minimum daily discharge, 0.00 ft^3/s, on many days.

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	---	---	---	---	---	---	---	---	0.00	0.00	0.00	8.5
2	---	---	---	---	---	---	---	---	0.00	0.00	0.00	8.5
3	---	---	---	---	---	---	---	---	0.00	0.00	5.8	5.9
4	---	---	---	---	---	---	---	---	0.00	0.00	8.4	0.25
5	---	---	---	---	---	---	---	---	3.8	0.00	8.4	0.05
6	---	---	---	---	---	---	---	---	8.0	0.00	8.3	0.05
7	---	---	---	---	---	---	---	---	8.0	0.00	5.5	0.05
8	---	---	---	---	---	---	---	---	8.0	0.00	0.19	0.05
9	---	---	---	---	---	---	---	---	e8.0	0.00	0.04	0.05
10	---	---	---	---	---	---	---	---	e5.0	0.00	0.04	0.05
11	---	---	---	---	---	---	---	---	e0.00	0.00	0.04	0.05
12	---	---	---	---	---	---	---	---	e0.00	0.00	0.04	3.9
13	---	---	---	---	---	---	---	---	e0.00	0.00	0.02	8.6
14	---	---	---	---	---	---	---	---	e0.00	0.00	0.00	6.8
15	---	---	---	---	---	---	---	---	0.00	0.00	0.00	6.2
16	---	---	---	---	---	---	---	---	0.00	0.00	0.01	6.1
17	---	---	---	---	---	---	---	---	0.00	0.00	0.00	2.0
18	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.05
19	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.04
20	---	---	---	---	---	---	---	---	0.00	6.4	0.00	0.02
21	---	---	---	---	---	---	---	---	0.00	6.3	0.00	0.00
22	---	---	---	---	---	---	---	---	0.00	7.8	0.00	0.01
23	---	---	---	---	---	---	---	---	0.00	8.2	0.00	0.01
24	---	---	---	---	---	---	---	0.00	0.00	8.2	0.00	0.01
25	---	---	---	---	---	---	---	0.00	0.00	1.2	0.00	0.01
26	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.01
27	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.01
28	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	---	0.00	0.00	0.00	1.1	0.00
30	---	---	---	---	---	---	---	0.00	0.00	0.00	8.3	0.00
31	---	---	---	---	---	---	---	0.00	---	0.00	8.5	---
TOTAL	---	---	---	---	---	---	---	---	40.80	38.10	54.68	57.27
MEAN	---	---	---	---	---	---	---	---	1.36	1.23	1.76	1.91
MAX	---	---	---	---	---	---	---	---	8.0	8.2	8.5	8.6
MIN	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
AC-FT	---	---	---	---	---	---	---	---	81	76	108	114

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, WHITE RIVER BASIN

09415590 CRYSTAL SPRING NEAR HIKO, NV

LOCATION.--Lat 37°31'55", long 115°13'54" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec. 10, T.05 S., R.60 E., Lincoln County, Hydrologic Unit 15010011, on right bank, 75 ft south of State Highway 25, 200 ft southeast of junction of State Highway 38, and 4.5 mi south of Hiko.

PERIOD OF RECORD.--September 1985 to September 1988, March 1990 to September 1994, December 1998 to current year.

GAGE.--Water-stage recorder and Parshall flume. Elevation of gage is 3,800 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Diversion for irrigation above station. New flume installed March 31, 2004 at datum 10.00 ft lower. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22 ft^3/s, July 25, 2004, gage height, 11.11 ft; minimum daily, 1.0 ft^3/s, September 24, 27, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 22 ft^3/s, July 25, gage height, 11.11 ft; minimum daily discharge, 2.3 ft^3/s, on several days.

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	13	12	12	13	13	13	2.4	13	13	14	14	3.2
2	13	12	12	13	13	13	2.4	13	13	14	14	3.2
3	13	12	13	13	13	13	2.3	13	13	14	7.3	6.8
4	13	12	13	13	13	13	2.3	13	13	14	4.4	13
5	13	12	13	13	13	13	8.7	e4.7	8.0	14	3.7	13
6	13	12	12	13	13	13	12	3.1	3.3	14	2.5	13
7	13	12	12	13	13	13	12	3.3	3.4	14	6.6	13
8	13	12	6.6	13	13	13	12	3.3	3.5	14	12	13
9	13	12	3.8	13	13	7.8	12	3.1	e4.4	14	12	13
10	13	12	3.7	13	13	11	12	2.9	e7.0	14	12	13
11	13	12	e3.9	13	13	13	12	8.4	e11	14	12	13
12	12	12	4.0	13	13	13	12	12	e12	14	12	8.1
13	12	12	3.9	13	13	13	12	12	e13	14	12	2.8
14	12	12	4.0	13	13	13	12	e12	e13	14	12	6.8
15	12	12	10	13	13	13	12	e12	14	14	12	7.8
16	12	13	13	13	13	13	12	e12	14	14	12	8.2
17	12	12	13	13	13	13	12	e12	14	14	12	12
18	12	12	13	13	13	13	6.6	e12	14	14	13	13
19	12	12	13	13	13	e13	2.4	e12	14	14	13	13
20	12	13	13	13	13	e11	2.3	12	14	12	13	13
21	12	13	13	13	13	e9.0	2.3	12	14	9.7	13	13
22	e12	12	13	13	13	e6.0	2.3	12	14	6.1	13	13
23	e12	12	13	13	13	e5.4	2.3	12	14	4.3	13	13
24	e12	12	13	13	13	e4.4	2.3	12	14	4.4	13	13
25	e12	13	13	13	13	e4.0	2.3	12	14	12	13	13
26	e12	12	13	13	13	e3.7	9.8	12	14	15	13	13
27	e12	12	13	13	13	e3.1	12	12	14	15	13	13
28	e12	12	13	13	13	e2.7	12	12	14	15	13	13
29	e12	12	13	13	13	e2.5	13	12	14	14	11	13
30	12	12	13	13	---	e2.4	13	13	14	14	3.4	14
31	12	---	13	13	---	2.4	---	13	---	14	3.0	---
TOTAL	383	364	334.9	403	377	296.4	244.7	322.8	354.6	401.5	332.9	332.9
MEAN	12.4	12.1	10.8	13.0	13.0	9.56	8.16	10.4	11.8	13.0	10.7	11.1
MAX	13	13	13	13	13	13	13	13	14	15	14	14
MIN	12	12	3.7	13	13	2.4	2.3	2.9	3.3	4.3	2.5	2.8
AC-FT	760	722	664	799	748	588	485	640	703	796	660	660

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2004, BY WATER YEAR (WY)

MEAN	9.92	10.6	11.0	11.4	10.8	9.86	9.72	9.94	8.67	9.62	9.67	9.70
MAX	12.4	13.0	13.9	13.2	13.0	13.0	12.8	12.0	11.8	13.0	11.3	11.7
(WY)	(2004)	(2001)	(2002)	(2002)	(2003)	(2000)	(2001)	(2002)	(2004)	(2004)	(2002)	(1986)
MIN	5.73	7.21	7.85	8.49	8.33	7.60	6.79	7.60	4.96	5.70	7.45	4.85
(WY)	(1992)	(1987)	(1991)	(1992)	(1992)	(1992)	(1992)	(1993)	(1992)	(1992)	(1988)	(1991)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1985 - 2004	
ANNUAL TOTAL	4,145.2		4,147.7			
ANNUAL MEAN	11.4		11.3		10.1	
HIGHEST ANNUAL MEAN					11.6	2001
LOWEST ANNUAL MEAN					7.29	1992
HIGHEST DAILY MEAN	13	Jan 1	15	Jul 26	15	Jul 26, 2004
LOWEST DAILY MEAN	3.3	Jun 10	2.3	Apr 3	1.0	Sep 24, 1991
ANNUAL SEVEN-DAY MINIMUM	3.4	Jun 8	2.3	Apr 19	1.5	Jun 13, 1991
MAXIMUM PEAK FLOW			22	Jul 25	22	Jul 25, 2004
MAXIMUM PEAK STAGE			11.11	Jul 25	11.11	Jul 25, 2004
ANNUAL RUNOFF (AC-FT)	8,220		8,230		7,320	
10 PERCENT EXCEEDS	13		14		13	
50 PERCENT EXCEEDS	13		13		11	
90 PERCENT EXCEEDS	6.1		4.0		4.2	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, WHITE RIVER BASIN

09415640 ASH SPRINGS CREEK BELOW HIGHWAY 93 AT ASH SPRINGS, NV

LOCATION.--Lat 37°27'37", long 115°11'37" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec. 01, T.06 S., R.60 E., Lincoln County, Hydrologic Unit 15010011, on left bank, downstream of culvert at US Highway 93 and .2 mi southeast of Ash Springs.

PERIOD OF RECORD.--February 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 3,589.94 ft above National American Vertical Datum of 1988.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Diversion for irrigation above station. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 37 ft^3/s, May 16, 2004, gage height, 4.55 ft, result of diversion control; minimum daily, 7.2 ft^3/s, May 18, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 37 ft^3/s, May 16, gage height, 4.55 ft; minimum daily discharge, 8.2 ft^3/s, June 29.

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	15	14	13	12	16	18	19	e16	17	16	15	15
2	15	14	13	12	e16	18	19	e15	16	15	13	15
3	15	14	13	12	e16	18	16	14	17	15	12	15
4	15	14	12	12	16	e18	14	14	16	15	16	15
5	15	14	12	13	16	e19	14	14	10	15	15	15
6	15	13	12	13	16	19	13	15	9.4	15	15	15
7	15	14	12	13	16	19	16	14	14	15	15	15
8	15	13	12	14	e16	19	19	13	16	15	15	16
9	15	13	12	14	e16	19	19	13	16	15	15	16
10	15	13	12	15	e16	19	18	14	15	15	15	16
11	15	14	e13	15	e17	19	19	13	15	15	16	16
12	15	14	13	15	e17	19	19	13	15	15	16	16
13	15	14	13	15	e17	19	18	13	16	15	16	16
14	15	14	13	16	e17	19	18	13	15	15	16	16
15	15	13	13	16	e17	19	18	16	15	15	16	e16
16	15	14	13	16	e17	19	17	14	15	15	16	e16
17	15	14	13	16	e17	18	17	18	15	15	16	e16
18	15	13	13	16	e17	19	17	18	15	15	17	e16
19	15	13	12	16	e17	18	17	18	15	15	16	e16
20	15	13	12	16	e17	18	17	18	15	15	16	e16
21	15	13	12	16	e17	18	18	17	15	15	16	16
22	15	13	12	16	e17	19	18	17	15	15	16	16
23	15	13	12	e16	17	19	18	18	15	15	16	16
24	14	13	12	e16	17	19	17	17	15	15	16	16
25	12	13	12	e16	17	19	17	17	15	15	16	16
26	12	13	12	e16	18	19	17	16	15	15	16	16
27	14	13	12	16	e18	19	17	16	14	15	16	15
28	16	13	12	16	e18	19	17	16	8.8	15	12	16
29	15	13	12	16	18	18	18	16	8.2	15	12	16
30	14	13	12	16	---	19	17	17	11	15	16	17
31	14	---	12	16	---	19	---	17	---	15	16	---
TOTAL	456	402	383	463	487	580	518	480	429.4	466	475	473
MEAN	14.7	13.4	12.4	14.9	16.8	18.7	17.3	15.5	14.3	15.0	15.3	15.8
MAX	16	14	13	16	18	19	19	18	17	16	17	17
MIN	12	13	12	12	16	18	13	13	8.2	15	12	15
AC-FT	904	797	760	918	966	1,150	1,030	952	852	924	942	938

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2004, BY WATER YEAR (WY)

MEAN	14.9	13.9	13.6	14.3	15.4	15.5	15.0	14.6	15.0	14.9	15.0	15.3
MAX	16.3	14.8	14.9	15.7	16.8	18.7	17.3	16.4	16.8	16.0	15.8	16.4
(WY)	(2001)	(2002)	(2003)	(2003)	(2004)	(2004)	(2004)	(2001)	(2001)	(2000)	(1999)	(2000)
MIN	13.4	12.9	12.4	12.4	14.0	14.2	13.4	13.3	13.7	13.7	14.3	14.3
(WY)	(2002)	(2003)	(2004)	(2002)	(2002)	(2002)	(2002)	(1999)	(1999)	(1999)	(2001)	(2002)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1999 - 2004	
ANNUAL TOTAL	5,285.7		5,612.4			
ANNUAL MEAN	14.5		15.3		14.8	
HIGHEST ANNUAL MEAN					15.4	2001
LOWEST ANNUAL MEAN					13.9	2002
HIGHEST DAILY MEAN	16	Jan 4	19	Mar 5	19	Mar 5, 2004
LOWEST DAILY MEAN	9.7	Sep 13	8.2	Jun 29	7.2	May 18, 2002
ANNUAL SEVEN-DAY MINIMUM	12	Mar 1	12	Dec 4	11	Jan 27, 2002
MAXIMUM PEAK FLOW			37	May 16	37	May 16, 2004
MAXIMUM PEAK STAGE			4.55	May 16	4.57	Jul 13, 2000
ANNUAL RUNOFF (AC-FT)	10,480		11,130		10,730	
10 PERCENT EXCEEDS	16		18		17	
50 PERCENT EXCEEDS	15		15		15	
90 PERCENT EXCEEDS	12		13		12	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, MUDDY RIVER BASIN

09415900 MUDDY SPRING AT LDS FARM NEAR MOAPA, NV

LOCATION.--Lat 36°43'18", long 114°42'53" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec. 16, T.14 S., R.65 E., Clark County, Hydrologic Unit 15010012, on left bank, 0.1 mi downstream from L.D.S. mansion, and 6 mi northwest of Moapa.

PERIOD OF RECORD.--August 1985 to September 1994, June 1996 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,770 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Regulation for recreational purposes occurs 0.1 mi upstream.
See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 41 ft^3/s, February 23, 2002, gage height, 2.18 ft; the gage was submerged by backwater and over bank flow from Muddy River on August 15, 1990, discharge and gage height unknown; minimum daily, 5.9 ft^3/s, May 10, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 31 ft^3/s, August 28, gage height, 1.77 ft; minimum daily discharge, 6.7 ft^3/s, October 6, 13.

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	7.2	7.6	7.5	7.6	8.8	7.7	7.5	8.3	7.8	7.8	8.4	8.1
2	7.2	7.4	7.6	7.9	7.5	8.1	7.5	8.5	7.5	7.5	7.4	8.1
3	7.5	7.4	7.7	8.2	8.0	8.1	8.3	7.4	7.7	7.9	8.0	8.0
4	7.2	7.4	7.6	7.8	8.0	8.1	8.1	7.9	7.4	8.2	7.9	8.8
5	7.9	7.3	7.9	8.0	7.9	8.1	7.0	8.0	8.3	7.1	8.0	8.9
6	6.7	7.4	8.6	8.1	7.9	8.8	7.4	8.0	8.3	7.6	8.0	7.6
7	7.2	7.0	8.7	8.1	8.9	8.8	7.4	7.9	7.2	7.6	8.9	8.1
8	7.2	8.2	7.9	8.1	8.7	7.7	7.5	8.5	7.6	7.6	8.9	8.1
9	7.2	8.1	7.9	8.1	7.5	8.1	7.5	8.8	7.4	7.7	7.8	8.1
10	7.2	6.9	7.9	8.8	8.3	8.1	8.3	7.6	7.5	8.4	8.2	8.1
11	7.9	7.7	7.6	8.8	8.0	8.1	8.7	7.9	7.5	8.4	8.2	8.9
12	7.9	7.4	7.9	7.5	7.7	8.2	7.6	8.2	7.8	7.2	8.2	9.0
13	6.7	7.4	8.8	8.0	7.4	8.9	8.0	7.9	8.3	7.6	8.2	7.8
14	7.2	7.1	8.6	8.0	8.7	8.8	8.0	7.6	7.0	7.6	9.0	8.3
15	7.2	8.0	8.0	8.0	8.5	7.7	8.1	8.1	7.5	7.7	9.0	8.3
16	7.2	8.2	8.1	8.0	7.4	8.1	8.0	8.4	7.4	7.8	7.7	8.2
17	7.2	7.3	8.0	8.0	8.3	8.1	8.7	7.2	7.4	8.6	8.2	8.2
18	7.5	7.4	8.0	8.0	8.1	8.1	8.7	7.6	7.4	8.6	8.2	8.9
19	8.2	7.4	8.0	8.0	8.1	8.1	7.6	7.6	8.1	7.4	8.3	8.9
20	6.9	7.5	8.1	7.9	7.7	8.8	8.0	7.6	8.2	7.8	8.3	7.7
21	7.3	7.4	8.1	7.9	9.0	8.8	8.1	7.6	7.0	7.8	8.9	8.1
22	7.4	7.3	8.0	8.0	8.8	7.6	8.1	8.2	7.4	7.8	9.0	8.1
23	7.3	7.4	8.1	7.9	7.6	8.1	8.1	8.3	7.4	7.8	7.7	8.2
24	7.4	7.4	7.9	8.3	8.1	8.1	8.7	7.3	7.4	8.5	8.3	8.1
25	8.1	7.5	7.9	8.6	8.1	8.1	8.8	7.7	7.4	8.7	8.2	8.9
26	8.0	7.2	7.6	7.5	8.1	8.1	7.5	7.7	8.0	7.4	8.3	8.9
27	6.9	7.5	8.3	7.9	8.1	8.6	8.2	7.6	8.2	8.2	8.2	7.7
28	7.6	7.6	8.5	7.9	8.7	8.1	7.6	7.6	7.0	8.0	8.8	8.0
29	7.3	8.2	7.9	8.0	8.8	7.0	7.8	7.9	7.5	7.6	8.8	8.0
30	7.2	8.3	8.0	8.1	---	7.4	8.0	8.3	7.4	7.9	7.6	8.0
31	7.8	---	8.0	9.0	---	7.4	---	7.1	---	8.6	8.1	---
TOTAL	228.7	225.9	248.7	250.0	236.7	251.8	238.8	244.3	228.0	244.4	256.7	248.1
MEAN	7.38	7.53	8.02	8.06	8.16	8.12	7.96	7.88	7.60	7.88	8.28	8.27
MAX	8.2	8.3	8.8	9.0	9.0	8.9	8.8	8.8	8.3	8.7	9.0	9.0
MIN	6.7	6.9	7.5	7.5	7.4	7.0	7.0	7.1	7.0	7.1	7.4	7.6
AC-FT	454	448	493	496	469	499	474	485	452	485	509	492

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2004, BY WATER YEAR (WY)

MEAN	7.75	7.76	7.78	7.83	7.88	7.87	7.84	7.74	7.69	7.63	7.67	7.73
MAX	8.36	8.43	8.42	8.48	9.22	8.62	8.53	8.44	8.44	8.39	8.42	8.40
(WY)	(2000)	(2000)	(2000)	(2002)	(1993)	(2000)	(2001)	(1999)	(1998)	(1999)	(2002)	(1999)
MIN	6.97	7.07	6.70	6.93	6.85	7.02	6.98	6.69	6.64	6.43	6.58	6.57
(WY)	(1989)	(1989)	(1991)	(1991)	(1991)	(1991)	(1993)	(1993)	(1993)	(1993)	(1993)	(1993)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1985 - 2004	
ANNUAL TOTAL	2,798.6		2,902.1			
ANNUAL MEAN	7.67		7.93		7.76	
HIGHEST ANNUAL MEAN					8.44	1999
LOWEST ANNUAL MEAN					7.18	1991
HIGHEST DAILY MEAN	9.4	Apr 5	9.0	Jan 31	10	Jan 25, 1993
LOWEST DAILY MEAN	6.5	Feb 3	6.7	Oct 6	5.9	May 10, 1993
ANNUAL SEVEN-DAY MINIMUM	6.7	Jan 25	7.2	Oct 4	6.2	May 5, 1993
MAXIMUM PEAK FLOW			31	Aug 28	41	Feb 23, 2002
MAXIMUM PEAK STAGE			1.77	Aug 28	2.18	Feb 23, 2002
ANNUAL RUNOFF (AC-FT)	5,550		5,760		5,620	
10 PERCENT EXCEEDS	8.4		8.7		8.5	
50 PERCENT EXCEEDS	7.6		8.0		7.7	
90 PERCENT EXCEEDS	6.9		7.3		7.0	

LOWER COLORADO RIVER BASIN-LAKE MEAD, MUDDY RIVER BASIN

09415908 PEDERSON EAST SPRING NEAR MOAPA, NV

LOCATION.--Lat 36°42'33.83", long 114°42'56.33" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec. 21, T.14 S., R.65 E., Clark County, Hydrologic Unit 15010012, at U.S. Fish and Wildlife Station, 0.2 mi north of Battleship Wash, 2.0 mi west of State Highway 168, and 5.8 mi northwest of Moapa.

PERIOD OF RECORD.--May 2002 to current year.

GAGE.--Water-stage recorder and 45 V-notch weir. Elevation of gage is 1,800 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 0.24 ft^3/s, many days in 2002 and 2003; minimum daily discharge 0.16 ft^3/s on August 25-27, September 10, 11, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.23 ft^3/s, on several days, gage height, 0.36 ft; minimum daily discharge, 0.16 ft^3/s, on several days.

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	0.17	0.20	0.20	0.21	0.20	0.20	0.20	0.20	0.20	0.20	0.18	0.17
2	0.18	0.20	0.20	0.21	0.20	0.21	0.20	0.20	0.20	0.20	0.18	0.17
3	0.18	0.20	0.20	0.21	0.20	0.20	0.19	0.20	0.20	0.20	0.17	0.17
4	0.17	0.19	0.20	0.21	0.20	0.21	0.19	0.20	0.20	0.18	0.17	0.18
5	0.18	0.19	0.20	0.21	0.20	0.20	0.20	0.20	0.20	0.18	0.18	0.18
6	0.18	0.20	0.20	0.21	0.20	0.20	0.21	0.21	0.20	0.18	0.18	0.18
7	0.18	0.19	0.20	0.21	0.20	0.20	0.21	0.20	0.20	0.18	0.17	0.17
8	0.17	0.18	0.20	0.21	0.20	0.20	0.20	0.21	0.20	0.18	0.17	0.17
9	0.18	0.18	0.20	0.21	0.20	0.20	0.20	0.21	0.20	0.18	0.17	0.17
10	0.18	0.19	0.20	0.21	0.19	0.20	0.20	0.20	0.21	0.18	0.17	0.18
11	0.17	0.20	0.20	0.21	0.19	0.20	0.20	0.20	0.20	0.18	0.17	0.18
12	0.17	0.19	0.20	0.21	0.20	0.20	0.20	0.20	0.20	0.18	0.17	0.16
13	0.17	0.20	0.20	0.21	0.20	0.20	0.20	0.20	0.20	0.18	0.17	0.17
14	0.17	0.20	0.20	0.21	0.20	0.20	0.20	0.20	0.20	0.19	0.16	0.16
15	0.17	0.20	e0.20	0.21	0.20	0.20	0.20	0.20	0.20	0.19	0.17	0.16
16	0.17	0.20	e0.20	0.21	0.20	0.20	0.20	0.20	0.20	0.18	0.17	0.16
17	0.17	0.20	e0.20	0.21	0.20	0.20	0.20	0.20	0.20	0.18	0.17	0.16
18	0.17	0.20	e0.20	0.21	0.20	0.20	0.19	0.20	0.20	0.18	0.17	0.16
19	0.17	0.20	e0.20	0.20	0.20	0.20	0.19	0.20	0.20	0.18	0.17	0.16
20	0.17	0.20	e0.20	0.20	0.20	0.19	0.20	0.20	0.20	0.18	0.17	0.16
21	0.17	0.20	e0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.18	0.17	0.17
22	0.19	0.20	e0.20	0.20	0.20	0.20	0.19	0.20	0.20	0.18	0.17	0.17
23	0.19	0.20	e0.20	0.20	0.20	0.20	0.19	0.20	0.20	0.18	0.17	0.17
24	0.19	0.20	e0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.17	0.17	0.17
25	0.18	0.20	0.20	0.20	0.20	0.20	0.19	0.20	0.20	0.17	0.17	0.16
26	0.18	0.20	0.21	0.20	0.20	0.20	0.19	0.20	0.20	0.17	0.17	0.16
27	0.18	0.20	0.21	0.20	0.20	0.19	0.20	0.20	0.20	0.17	0.17	0.16
28	0.19	0.20	0.21	0.20	0.20	0.18	0.21	0.20	0.20	0.17	0.17	0.16
29	0.20	0.20	0.21	0.20	0.20	0.19	0.20	0.20	0.20	0.17	0.17	0.16
30	0.20	0.20	0.21	0.20	---	0.19	0.20	0.20	0.20	0.17	0.17	0.16
31	0.20	---	0.21	0.20	---	0.20	---	0.20	---	0.17	0.17	---
TOTAL	5.54	5.91	6.26	6.38	5.78	6.16	5.95	6.23	6.01	5.58	5.30	5.01
MEAN	0.18	0.20	0.20	0.21	0.20	0.20	0.20	0.20	0.20	0.18	0.17	0.17
MAX	0.20	0.20	0.21	0.21	0.20	0.21	0.21	0.21	0.21	0.20	0.18	0.18
MIN	0.17	0.18	0.20	0.20	0.19	0.18	0.19	0.20	0.20	0.17	0.16	0.16
AC-FT	11	12	12	13	11	12	12	12	12	11	11	9.9

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

MEAN	0.20	0.21	0.22	0.22	0.22	0.21	0.20	0.20	0.20	0.19	0.18	0.18
MAX	0.23	0.23	0.23	0.23	0.24	0.22	0.21	0.20	0.22	0.22	0.21	0.20
(WY)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)	(2002)	(2002)	(2002)	(2002)
MIN	0.18	0.20	0.20	0.21	0.20	0.20	0.20	0.19	0.17	0.17	0.17	0.17
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2003)	(2003)	(2003)	(2003)	(2004)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2002 - 2004	
ANNUAL TOTAL	71.23		70.11			
ANNUAL MEAN	0.20		0.19		0.20	
HIGHEST ANNUAL MEAN					0.21	2003
LOWEST ANNUAL MEAN					0.19	2004
HIGHEST DAILY MEAN	0.24	Feb 2	0.21	Dec 26	0.24	Nov 9, 2002
LOWEST DAILY MEAN	0.16	Aug 25	0.16	Aug 14	0.16	Aug 25, 2003
ANNUAL SEVEN-DAY MINIMUM	0.17	Aug 21	0.16	Sep 14	0.16	Sep 14, 2004
MAXIMUM PEAK FLOW			0.23	Nov 7		
MAXIMUM PEAK STAGE			0.36	Nov 7		
ANNUAL RUNOFF (AC-FT)	141		139		144	
10 PERCENT EXCEEDS	0.23		0.20		0.23	
50 PERCENT EXCEEDS	0.20		0.20		0.20	
90 PERCENT EXCEEDS	0.17		0.17		0.17	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, MUDDY RIVER BASIN

09415910 PEDERSON SPRING NEAR MOAPA, NEVADA

LOCATION.--Lat 36°42'35", long 114°42'54" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec. 21, T.14 S., R.65 E., Clark County, Hydrologic Unit 15010012, at U.S. Fish and Wildlife Station, 0.2 mi north of Battleship Wash, 2.0 mi west of State Highway 168, and 5.8 mi northwest of Moapa.

PERIOD OF RECORD.--October 1986 to September 1994, June 1996 to current year.

GAGE.--Water-stage recorder and 45° V-notch weir. Elevation of gage is 1,800 ft above National Geodetic Vertical Datum of 1929, from topographic map. New V-notch weir and gage installed April 27, 2004 at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. New installation necessary due to leakage under V-notch weir. See schematic diagram of Lower Colorado River Basins.

COOPERATION.--Southern Nevada Water Authority.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 0.34 ft^3/s, August 30, 1992, gage height, 0.64 ft; minimum daily, 0.09 ft^3/s, gage height 0.36 ft, March 6, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.25 ft^3/s, May 14-19, 31 and July 8, gage height, 4.92 ft; minimum daily discharge, 0.09 ft^3/s, March 6.

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	e0.11	0.12	e0.11	0.10	0.10	0.10	0.14	e0.24	0.24	0.22	0.21	0.19
2	e0.11	0.11	e0.11	0.11	0.10	0.10	0.14	e0.24	0.23	0.23	0.21	0.19
3	0.11	e0.12	e0.11	0.10	0.11	0.10	0.13	e0.24	0.23	0.23	0.21	0.19
4	0.10	e0.11	0.11	0.10	0.10	0.11	0.14	e0.24	0.23	0.22	0.21	0.18
5	0.10	e0.11	0.11	0.10	0.10	0.10	0.14	e0.24	0.23	0.21	0.20	0.19
6	0.10	e0.11	0.11	0.10	0.10	0.09	0.13	0.24	0.23	0.21	0.20	0.19
7	0.11	0.11	0.12	0.10	0.10	0.10	0.12	0.25	0.23	0.22	0.20	0.19
8	0.10	0.10	0.11	0.10	0.10	0.10	0.12	0.25	0.23	0.23	0.20	0.19
9	0.11	0.10	0.11	0.10	0.10	0.11	0.12	e0.25	0.22	0.21	0.20	0.19
10	0.11	0.10	0.11	0.11	0.10	0.11	0.12	e0.25	0.22	0.21	0.20	0.19
11	0.10	0.11	0.11	e0.11	0.10	0.11	0.12	e0.25	0.22	0.21	0.20	0.19
12	0.10	0.12	0.11	0.11	0.10	0.11	0.13	e0.25	0.22	0.21	0.20	0.19
13	0.10	0.11	0.11	0.11	0.10	0.11	0.13	0.25	0.22	0.21	0.19	0.19
14	0.11	0.11	0.11	0.11	0.11	0.11	0.13	0.24	0.23	0.21	0.19	0.19
15	0.11	0.12	0.10	0.11	0.11	0.11	0.14	0.24	0.22	0.21	0.19	0.19
16	0.10	0.11	0.10	0.11	0.10	0.11	0.13	0.24	0.22	0.21	0.19	0.19
17	0.10	0.11	0.10	0.11	0.10	0.11	0.13	0.25	0.22	0.21	0.20	0.19
18	0.10	0.11	0.11	0.11	0.11	0.11	0.13	0.24	0.22	0.21	0.20	0.19
19	0.11	0.11	0.11	0.11	0.11	0.12	0.13	0.24	0.22	0.21	0.20	0.19
20	0.10	e0.11	0.11	0.11	0.11	0.12	0.14	0.23	0.22	0.21	0.20	0.18
21	0.10	e0.11	0.11	0.11	0.11	0.12	0.14	0.23	0.22	0.21	0.20	0.18
22	0.11	e0.11	0.10	0.11	0.11	0.12	0.14	0.23	0.22	0.21	0.21	0.18
23	0.11	e0.11	0.11	0.11	0.11	0.12	0.14	0.23	0.22	0.21	0.20	0.19
24	0.11	e0.11	0.11	0.11	0.10	0.12	0.14	0.23	0.22	0.20	0.20	0.19
25	0.10	e0.11	0.11	0.11	0.10	0.12	0.14	0.23	0.22	0.20	0.20	0.19
26	0.10	e0.11	0.11	0.10	0.11	0.12	e0.14	0.23	0.22	0.20	0.20	0.19
27	0.11	e0.11	0.10	0.10	0.11	0.12	e0.24	0.23	0.22	0.20	0.19	0.19
28	0.11	e0.11	0.10	0.10	0.10	0.11	e0.24	0.24	0.22	0.20	0.19	0.19
29	0.12	e0.11	0.10	0.10	0.10	0.12	e0.24	0.23	0.22	0.20	0.19	0.19
30	e0.12	e0.11	0.11	0.11	---	0.12	e0.24	0.23	0.22	0.20	0.19	0.19
31	e0.12	---	0.11	0.11	---	0.13	---	0.24	---	0.20	0.19	---
TOTAL	3.30	3.31	3.35	3.29	3.01	3.46	4.41	7.42	6.70	6.52	6.16	5.66
MEAN	0.11	0.11	0.11	0.11	0.10	0.11	0.15	0.24	0.22	0.21	0.20	0.19
MAX	0.12	0.12	0.12	0.11	0.11	0.13	0.24	0.25	0.24	0.23	0.21	0.19
MIN	0.10	0.10	0.10	0.10	0.10	0.09	0.12	0.23	0.22	0.20	0.19	0.18
AC-FT	6.5	6.6	6.6	6.5	6.0	6.9	8.7	15	13	13	12	11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2004, BY WATER YEAR (WY)

MEAN	0.20	0.20	0.20	0.20	0.20	0.21	0.22	0.22	0.22	0.22	0.22	0.21
MAX	0.26	0.26	0.25	0.25	0.24	0.26	0.27	0.26	0.26	0.27	0.26	0.26
(WY)	(1998)	(1994)	(1998)	(1998)	(1998)	(1998)	(1998)	(1998)	(1998)	(1998)	(1997)	(1997)
MIN	0.11	0.11	0.11	0.11	0.10	0.11	0.15	0.16	0.17	0.15	0.14	0.12
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2003)	(2003)	(2003)	(2003)	(2003)

09415910 PEDERSON SPRING NEAR MOAPA, NEVADA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1987 - 2004	
ANNUAL TOTAL	53.29		56.59			
ANNUAL MEAN	0.15		0.15		0.21	
HIGHEST ANNUAL MEAN					0.26	1998
LOWEST ANNUAL MEAN					0.15	2004
HIGHEST DAILY MEAN	0.18	Jan 1	0.25	May 7	0.28	Jun 19, 1993
LOWEST DAILY MEAN	0.10	Oct 4	0.09	Mar 6	0.09	Mar 6, 2004
ANNUAL SEVEN-DAY MINIMUM	0.10	Oct 11	0.10	Jan 3	0.10	Jan 3, 2004
MAXIMUM PEAK FLOW			0.25	May 14	0.32	Sep 11, 1998
MAXIMUM PEAK STAGE			4.92	May 14	4.92	May 14, 2004
ANNUAL RUNOFF (AC-FT)	106		112		152	
10 PERCENT EXCEEDS	0.17		0.23		0.25	
50 PERCENT EXCEEDS	0.16		0.12		0.21	
90 PERCENT EXCEEDS	0.11		0.10		0.18	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, MUDDY RIVER BASIN

09415920 WARM SPRINGS WEST NEAR MOAPA, NV

LOCATION.--Lat 36°42'41", long 114°42'48" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec. 16, T.14 S., R.65 E., Clark County, Hydrologic Unit 15010012, on left bank, at U.S. Fish and Wildlife Station, 0.6 mi upstream from confluence with Muddy River, 1.9 mi west of State Highway 168, and 6.5 mi northwest of Moapa.

PERIOD OF RECORD.--August 1985 to September 1994, June 1996 to current year.

GAGE.--Water-stage recorder and Parshall flume. Elevation of gage is 1,770 ft above National Geodetic Vertical Datum of 1929, from topographic map. At datum 0.38 ft higher prior to July 12, 1993.

REMARKS.--Records good except for estimated daily discharges, which are poor. Diversion for irrigation above station. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13 ft^3/s, May 15, 1990, gage height, 2.16 ft; minimum daily, 2.8 ft^3/s, September 28, 29, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 8.4 ft^3/s, September 11, gage height, 1.63 ft; minimum daily discharge, 3.4 ft^3/s, on many days.

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	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.5	3.5	3.4
2	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	e3.6	3.5	3.5	3.4
3	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	e3.6	3.5	3.5	3.4
4	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	e3.6	3.5	3.5	3.4
5	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6	e3.6	3.5	3.5	3.4
6	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.6	e3.6	3.5	3.5	3.4
7	3.5	3.5	3.5	3.6	3.6	3.5	3.6	3.5	e3.6	3.5	3.5	3.4
8	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.5	e3.6	3.5	3.5	3.4
9	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.5	e3.6	3.5	3.5	3.4
10	3.5	3.5	3.5	3.6	3.6	3.6	3.5	3.5	e3.6	3.5	3.5	3.4
11	3.5	3.5	3.5	3.6	3.6	3.6	3.5	3.5	e3.6	3.5	3.5	3.6
12	3.5	3.5	3.5	3.6	3.5	3.6	3.6	3.5	e3.6	3.5	3.5	3.6
13	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.5	e3.6	3.5	3.4	3.6
14	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.5	e3.6	3.5	3.4	3.6
15	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.5	e3.6	3.5	3.4	3.6
16	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.5	e3.5	3.5	3.4	3.6
17	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.5	e3.5	3.5	3.4	3.6
18	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.5	e3.5	3.5	3.4	3.5
19	3.5	3.5	3.5	3.6	3.6	3.6	3.6	e3.6	e3.5	3.5	3.4	3.5
20	3.5	3.5	3.5	3.6	3.6	3.6	3.6	e3.6	e3.5	3.5	3.4	3.5
21	3.5	3.5	3.5	3.6	3.6	3.6	3.6	e3.7	e3.5	3.5	3.4	3.5
22	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.7	e3.5	3.5	3.4	3.5
23	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.7	e3.5	3.5	3.4	3.5
24	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.7	e3.5	3.5	3.4	3.5
25	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.7	e3.5	3.5	3.4	3.5
26	3.5	3.5	3.6	3.5	3.6	3.6	3.6	3.7	e3.5	3.5	3.4	3.5
27	3.5	3.5	3.5	3.6	3.6	3.5	3.6	3.6	e3.5	3.5	3.4	3.5
28	3.5	3.5	3.5	3.6	3.6	3.5	3.6	3.7	e3.5	3.5	3.4	3.5
29	3.5	3.5	3.5	3.6	3.6	3.5	3.6	3.6	e3.5	3.5	3.4	3.5
30	3.5	3.5	3.5	3.6	---	3.6	3.6	3.6	3.5	3.5	3.4	3.5
31	3.5	---	3.5	3.6	---	3.6	---	3.6	---	3.5	3.4	---
TOTAL	108.5	105.0	108.6	110.8	104.1	111.1	107.8	111.1	106.6	108.5	106.6	104.7
MEAN	3.50	3.50	3.50	3.57	3.59	3.58	3.59	3.58	3.55	3.50	3.44	3.49
MAX	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.5	3.5	3.6
MIN	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4
AC-FT	215	208	215	220	206	220	214	220	211	215	211	208

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2004, BY WATER YEAR (WY)

MEAN	3.64	3.68	3.69	3.69	3.70	3.69	3.69	3.69	3.68	3.63	3.62	3.61
MAX	3.97	4.10	4.04	4.10	4.05	4.11	4.11	4.08	4.00	3.89	3.89	3.93
(WY)	(1994)	(1994)	(1994)	(1994)	(1994)	(1998)	(1998)	(1998)	(1998)	(1998)	(1990)	(1998)
MIN	3.20	3.37	3.34	3.30	3.31	3.23	3.14	3.12	3.20	3.19	3.17	3.29
(WY)	(1993)	(1993)	(1986)	(1988)	(1986)	(1992)	(1992)	(1992)	(1992)	(1992)	(1992)	(1993)

09415920 WARM SPRINGS WEST NEAR MOAPA, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1985 - 2004	
ANNUAL TOTAL	1,300.1		1,293.4			
ANNUAL MEAN	3.56		3.53		3.67	
HIGHEST ANNUAL MEAN					3.96	1998
LOWEST ANNUAL MEAN					3.38	1992
HIGHEST DAILY MEAN	3.7	Jan 26	3.7	May 21	4.4	Sep 11, 1998
LOWEST DAILY MEAN	3.5	Jun 5	3.4	Aug 13	2.8	Sep 28, 1993
ANNUAL SEVEN-DAY MINIMUM	3.5	Jun 9	3.4	Aug 13	3.0	May 12, 1992
MAXIMUM PEAK FLOW			8.4	Sep 11	13	May 15, 1990
MAXIMUM PEAK STAGE			1.63	Sep 11	2.16	May 15, 1990
ANNUAL RUNOFF (AC-FT)	2,580		2,570		2,660	
10 PERCENT EXCEEDS	3.7		3.6		4.0	
50 PERCENT EXCEEDS	3.5		3.5		3.7	
90 PERCENT EXCEEDS	3.5		3.5		3.4	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, MUDDY RIVER BASIN

09415927 WARM SPRINGS CONFLUENCE AT IVERSON FLUME NEAR MOAPA, NV

LOCATION (REVISED).--Lat 36°42'41.1", long 114°42'31.7" referenced to North American Datum of 1927, in SW ¼ SW ¼ sec. 15, T.14 S., R.65 E., Clark County, Hydrologic Unit 15010012, on right bank, at U.S. Fish and Wildlife Station, 1.9 mi west of State Highway 168, and 6.5 mi northwest of Moapa.

PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,780 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 17.0 ft^3/s, September 11, 2004, gage height, 8.12 ft; minimum daily, 7.3 ft^3/s, several days, November and December 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 17 ft^3/s, September 11, gage height, 8.12 ft; minimum daily discharge, 7.6 ft^3/s, May 20.

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	8.3	8.8	8.9	9.1	9.3	9.8	9.3	8.6	8.4	7.7	8.0	8.1
2	8.3	8.8	9.0	9.2	9.3	10	9.4	8.6	8.4	7.7	8.1	8.1
3	8.3	8.8	9.1	9.1	9.5	9.9	9.2	8.8	8.3	7.7	8.1	8.0
4	8.3	8.8	9.1	9.0	9.5	9.8	9.2	9.0	8.3	7.8	8.1	8.0
5	8.4	8.8	9.2	9.0	9.5	9.7	9.2	8.9	8.4	7.8	8.1	8.0
6	8.4	8.8	9.2	9.0	9.5	9.7	9.2	8.9	8.4	7.9	8.1	8.0
7	8.4	8.8	9.3	9.0	9.6	9.7	9.3	8.9	8.4	7.9	8.2	8.0
8	8.4	8.9	9.3	9.0	9.5	9.7	9.3	8.9	8.4	8.0	8.2	8.0
9	8.4	8.9	9.3	8.9	9.5	9.9	9.3	8.8	8.3	7.9	8.2	8.0
10	8.4	8.8	9.4	8.9	9.5	9.8	9.2	8.7	8.3	8.0	8.2	8.2
11	8.4	8.7	9.4	9.0	9.5	9.7	9.1	8.8	8.3	8.0	8.3	8.9
12	8.4	8.8	9.4	9.1	9.5	9.7	9.1	8.8	8.2	8.0	8.2	8.5
13	8.4	8.9	9.4	9.1	9.5	9.6	9.1	8.9	8.3	7.9	8.2	8.2
14	8.4	8.8	9.4	9.1	9.6	9.5	9.0	9.0	8.3	7.9	8.2	8.2
15	8.5	8.9	9.5	9.1	9.5	9.6	8.9	8.9	8.4	7.9	8.3	8.2
16	8.5	8.9	9.1	9.1	9.4	9.6	8.9	8.8	8.4	8.0	8.3	8.2
17	8.5	8.9	8.7	9.2	9.6	9.6	8.9	8.8	8.4	8.1	8.2	8.2
18	8.4	8.8	8.7	9.1	9.8	9.7	8.8	8.9	8.3	8.0	8.3	8.2
19	8.3	8.9	8.8	9.2	9.8	9.6	8.8	8.2	8.2	7.9	8.4	8.2
20	8.3	8.9	8.9	9.3	9.8	9.6	8.8	7.6	8.2	7.9	8.3	8.3
21	8.2	8.9	8.8	9.3	9.8	9.6	8.8	8.1	8.3	8.0	8.3	8.1
22	8.2	8.9	8.8	9.3	9.9	9.5	8.8	8.6	8.2	8.0	8.2	8.2
23	8.3	8.9	8.7	9.3	10	9.4	8.8	8.5	8.2	8.0	8.1	8.2
24	8.2	8.9	8.8	9.4	9.9	9.4	8.8	8.4	8.3	7.9	8.1	8.2
25	8.3	8.9	8.9	9.4	9.9	9.4	8.8	8.3	8.3	7.9	8.1	8.2
26	8.3	8.9	8.8	9.3	10	9.3	8.9	8.4	8.2	7.9	8.0	8.2
27	8.3	8.9	8.9	9.4	9.9	9.2	8.8	8.4	8.2	8.0	8.0	8.2
28	8.4	8.9	8.9	9.5	9.9	9.1	8.8	8.5	8.1	8.0	8.1	8.2
29	8.4	8.9	9.0	9.5	9.8	9.1	8.7	8.5	8.0	8.0	8.1	8.2
30	8.4	8.9	9.0	9.5	---	9.2	8.7	8.5	7.8	8.0	8.1	8.1
31	8.7	---	9.0	9.4	---	9.2	---	8.4	---	8.1	8.1	---
TOTAL	259.4	265.7	280.7	284.8	279.8	296.6	269.9	267.4	248.2	245.8	253.2	245.3
MEAN	8.37	8.86	9.05	9.19	9.65	9.57	9.00	8.63	8.27	7.93	8.17	8.18
MAX	8.7	8.9	9.5	9.5	10	10	9.4	9.0	8.4	8.1	8.4	8.9
MIN	8.2	8.7	8.7	8.9	9.3	9.1	8.7	7.6	7.8	7.7	8.0	8.0
AC-FT	515	527	557	565	555	588	535	530	492	488	502	487

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

MEAN	8.32	8.46	8.40	8.58	8.92	9.50	9.29	8.87	8.66	8.51	8.53	8.34
MAX	8.93	9.06	9.05	9.19	9.65	9.64	9.64	9.14	9.18	8.94	8.83	8.61
(WY)	(2003)	(2003)	(2004)	(2004)	(2004)	(2003)	(2003)	(2002)	(2002)	(2002)	(2003)	(2003)
MIN	7.67	7.45	7.43	7.77	8.38	9.30	9.00	8.63	8.27	7.93	8.17	8.18
(WY)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2002 - 2004	
ANNUAL TOTAL	3,240.6		3,196.8			
ANNUAL MEAN	8.88		8.73		8.70	
HIGHEST ANNUAL MEAN					8.91	2003
LOWEST ANNUAL MEAN					8.44	2002
HIGHEST DAILY MEAN	11	Mar 16	10	Feb 23	11	Mar 16, 2003
LOWEST DAILY MEAN	8.2	Oct 21	7.6	May 20	7.3	Nov 3, 2001
ANNUAL SEVEN-DAY MINIMUM	8.3	Oct 19	7.8	Jun 30	7.3	Nov 2, 2001
MAXIMUM PEAK FLOW			17	Sep 11	17	Sep 11, 2004
MAXIMUM PEAK STAGE			8.12	Sep 11	8.12	Sep 11, 2004
ANNUAL RUNOFF (AC-FT)	6,430		6,340		6,300	
10 PERCENT EXCEEDS	9.7		9.5		9.4	
50 PERCENT EXCEEDS	8.8		8.8		8.7	
90 PERCENT EXCEEDS	8.4		8.0		7.8	

LOWER COLORADO RIVER BASIN-LAKE MEAD, MUDDY RIVER BASIN

09416000 MUDDY RIVER NEAR MOAPA, NV

LOCATION.--Lat 36°42'40", long 114°41'40" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec. 15, T.14 S., R.65 E., Clark County, Hydrologic Unit 15010012, on left bank, 0.1 mi upstream from Battleship Wash, 0.8 mi downstream from Home Ranch, 5 mi northwest of Moapa, 9.5 mi upstream from Meadow Valley Wash, and 26 mi upstream from Lake Mead.

DRAINAGE AREA.--3,820 mi^2 of which 3,780 mi^2 probably is noncontributing.

PERIOD OF RECORD.--July 1913 to September 1915, April 1916 to September 1918, June 1928 to October 1931, April to July 1932, October 1944 to current year.

REVISED RECORDS.--WSP 1243: 1914 (M). WSP 1343: 1950 (M). WSP 1733: Drainage area.

GAGE.--Water-stage recorder and Cipolletti weir. Recording tipping bucket rain gage with 0.04 inch increment since December 1989. Elevation of gage is 1,710 ft above National Geodetic Vertical Datum of 1929, from river-profile map. October 21, 1944, to September 30, 1948, water-stage recorder at datum 0.08 ft higher.

REMARKS.--No estimated daily discharges. Records good. Diversions for irrigation above station. Beginning October 1, 1976, records do not include part-time diversion about 100 ft upstream, for cooling of powerplants downstream. Normal flow originates from springs in reach 0.9 to 2.5 mi upstream from station. Flood peaks may be dampened by Arrow Canyon Dam. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,760 ft^3/s, August 16, 1990, gage height, 13.33 ft, on basis of slope-area measurement of peak flow; minimum daily, 19 ft^3/s, October 10, 1997, October 6, 2003. Maximum daily precipitation, 2.12 inches, September 11, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum daily precipitation, 2.12 in., September 11.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 60 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 1	0145	*49	*0.92				

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	23	26	29	31	34	37	31	37	31	31	31	25
2	22	28	31	32	40	39	33	36	32	30	30	26
3	22	29	35	33	44	38	35	35	30	29	30	25
4	20	29	33	32	37	40	36	35	29	29	30	26
5	20	28	31	33	35	37	34	37	29	28	30	28
6	19	26	27	32	34	37	35	36	28	28	29	27
7	20	29	27	27	35	41	33	34	26	27	30	26
8	21	30	25	28	34	41	34	35	24	28	31	26
9	24	30	22	27	33	42	35	35	25	28	28	28
10	27	27	22	27	34	42	35	33	25	29	27	29
11	22	25	21	28	35	42	35	32	27	29	26	31
12	21	26	21	27	34	41	34	35	28	28	27	35
13	20	27	23	28	35	41	36	36	29	28	27	28
14	21	27	26	27	34	39	34	35	28	27	28	28
15	22	27	26	27	37	36	31	35	27	28	28	30
16	21	29	29	27	35	38	33	36	30	29	26	31
17	21	28	28	28	34	42	37	35	32	29	26	31
18	24	29	27	29	32	40	33	35	32	30	27	31
19	25	29	29	29	32	33	37	35	32	28	28	32
20	23	29	33	29	34	30	42	34	32	29	29	30
21	24	27	31	28	33	31	41	34	30	29	30	30
22	24	27	30	25	34	31	36	35	29	29	31	31
23	21	28	33	26	36	33	34	36	29	28	29	31
24	23	29	30	27	33	33	34	33	29	28	29	31
25	25	33	28	31	33	31	36	32	30	30	26	32
26	26	32	30	26	35	32	37	32	32	28	26	33
27	24	30	28	24	34	31	39	31	32	29	25	32
28	25	35	31	26	36	31	39	31	32	29	25	33
29	24	30	33	31	41	30	37	31	32	28	25	33
30	24	30	33	31	---	32	37	31	31	29	25	32
31	25	---	33	31	---	32	---	30	---	30	26	---
TOTAL	703	859	885	887	1,017	1,123	1,063	1,057	882	889	865	891
MEAN	22.7	28.6	28.5	28.6	35.1	36.2	35.4	34.1	29.4	28.7	27.9	29.7
MAX	27	35	35	33	44	42	42	37	32	31	31	35
MIN	19	25	21	24	32	30	31	30	24	27	25	25
AC-FT	1,390	1,700	1,760	1,760	2,020	2,230	2,110	2,100	1,750	1,760	1,720	1,770
†	0.00	0.48	0.84	0.12	2.32	0.52	0.72	0.00	0.00	0.00	0.28	2.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1913 - 2004, BY WATER YEAR (WY)

MEAN	39.7	41.9	43.2	44.0	44.3	43.4	41.4	41.1	38.8	38.4	39.2	40.2
MAX	61.9	61.6	54.9	55.4	58.6	53.5	52.4	48.5	46.1	56.5	61.1	91.2
(WY)	(1973)	(1961)	(1960)	(1960)	(1914)	(1958)	(1965)	(1958)	(1957)	(1984)	(1990)	(1967)
MIN	22.7	26.9	28.0	28.6	30.3	28.9	31.0	33.1	29.4	28.7	27.3	25.3
(WY)	(2004)	(2002)	(2002)	(2004)	(1997)	(1999)	(2003)	(2002)	(2004)	(2004)	(1995)	(2003)

09416000 MUDDY RIVER NEAR MOAPA, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1913 - 2004	
ANNUAL TOTAL	11,076		11,121			
ANNUAL MEAN	30.3		30.4		41.2	
HIGHEST ANNUAL MEAN					49.6	1958
LOWEST ANNUAL MEAN					30.4	2004
HIGHEST DAILY MEAN	41	Jan 5	44	Feb 3	930	Aug 16, 1990
LOWEST DAILY MEAN	19	Oct 6	19	Oct 6	19	Oct 10, 1997
ANNUAL SEVEN-DAY MINIMUM	21	Oct 2	21	Oct 2	21	Oct 2, 2003
MAXIMUM PEAK FLOW			49	May 1	5,760	Aug 16, 1990
MAXIMUM PEAK STAGE			0.92	May 1	13.33	Aug 16, 1990
ANNUAL RUNOFF (AC-FT)	21,970		22,060		29,860	
10 PERCENT EXCEEDS	36		36		49	
50 PERCENT EXCEEDS	30		30		41	
90 PERCENT EXCEEDS	24		25		32	

† Precipitaiton total, in inches.

LOWER COLORADO RIVER BASIN-LAKE MEAD, MEADOW VALLEY WASH

09417500 MEADOW VALLEY WASH AT EAGLE CANYON NEAR URSINE, NV

LOCATION.--Lat 38°00'15", long 114°12'22" referenced to North American Datum of 1927, in NW ¼ SW ¼ sec. 25, T.02 N., R.69 E., Lincoln County, Hydrologic Unit 15010013, on left bank, at state highway 322 bridge, 1.2 mi north of Ursine, NV, and 1.3 mi south of Eagle Valley Reservoir State Park.

DRAINAGE AREA.--293 mi^2.

PERIOD OF RECORD.--August 1962 to September 1974, November 1974 to April 1975 (periodic discharge measurements), and December 2002 to current year. Prior to October 1972 published as Spring Valley Creek near Ursine.

GAGE.--Water-stage recorder. Elevation of gage is 5,670 ft above sea level, from topographic map. Since December 2002, same site at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by releases from Eagle Valley Reservoir 1.3 miles upstream. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 700 ft^3/s January 25, 1969, gage height 4.07 ft, (datum then in use), from rating curve extended above 70 ft^3/s on basis of two slope-area measurements of peak flow; minimum daily 0.4 ft^3/s October 23, 1965.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 40 ft^3/s, August 5, gage height, 5.14 ft; minimum daily discharge, 2.8 ft^3/s, September 11, 23.

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	4.0	3.5	e7.2	6.3	8.6	12	6.3	6.7	5.0	4.0	3.4	3.1
2	4.0	3.4	e7.2	6.3	8.2	11	7.0	6.3	4.8	3.7	3.4	3.2
3	4.0	3.5	e7.0	6.7	8.5	11	8.8	6.6	4.8	3.8	e3.4	3.2
4	4.0	3.5	e6.6	6.4	8.2	12	9.3	6.4	4.8	3.8	e3.6	3.1
5	4.0	3.6	e6.8	5.6	8.2	12	9.2	6.4	5.0	3.8	e3.7	3.0
6	4.0	3.6	e7.0	5.2	8.1	13	8.6	6.8	4.9	3.7	3.8	2.9
7	4.1	3.6	e7.9	5.3	8.2	16	9.2	7.0	4.6	3.8	3.7	2.9
8	4.1	3.7	e8.9	5.5	8.1	20	9.1	7.1	4.6	3.7	3.6	2.9
9	4.2	3.8	e7.3	5.6	8.2	19	9.8	7.3	4.4	3.7	3.6	3.0
10	4.3	3.9	e6.6	5.7	7.9	16	9.4	7.7	4.3	3.7	3.5	2.9
11	4.3	3.9	6.6	5.7	8.1	14	8.0	7.5	4.4	3.7	3.4	2.8
12	4.4	4.0	6.6	5.8	8.1	12	7.4	6.9	4.4	3.6	3.4	2.9
13	4.2	4.1	6.7	6.1	8.0	11	7.1	5.9	4.4	3.7	3.5	3.0
14	4.1	3.6	7.0	6.3	8.4	10	6.5	5.0	4.5	3.8	3.5	3.1
15	4.0	3.7	6.8	6.5	9.0	9.4	6.5	4.6	4.3	3.8	3.6	3.1
16	3.9	3.9	6.0	6.8	9.3	8.8	6.3	4.5	4.2	3.9	3.6	3.2
17	3.9	3.9	5.6	6.8	10	8.5	6.2	4.4	4.2	3.9	3.6	3.3
18	3.8	3.9	5.4	7.1	14	8.3	6.8	4.4	4.2	3.9	3.5	3.4
19	3.7	3.9	5.5	7.4	18	8.0	7.0	4.5	4.1	3.9	3.6	3.5
20	3.7	3.9	6.0	7.7	14	7.7	7.3	4.6	4.0	3.8	3.6	3.3
21	3.6	e3.9	7.4	7.5	13	7.7	7.1	4.7	4.0	3.9	3.5	3.0
22	3.5	e4.2	8.7	7.4	13	7.7	6.8	4.6	4.0	3.8	3.5	2.9
23	3.3	e4.9	8.5	7.2	14	7.3	6.4	4.7	3.9	3.8	3.5	2.8
24	3.3	e5.1	8.2	7.3	14	7.3	6.2	4.8	4.0	4.0	3.4	3.1
25	3.3	e5.2	14	7.4	14	7.1	6.3	4.8	3.9	4.0	3.3	3.5
26	3.3	e5.4	20	7.1	15	7.0	6.0	5.0	3.9	4.0	3.2	3.5
27	3.4	e5.3	13	6.9	14	6.9	6.5	4.9	4.0	4.0	3.2	3.6
28	3.5	e5.4	9.1	7.3	13	6.7	6.7	4.8	4.1	3.6	3.2	3.7
29	3.5	e5.9	6.8	7.9	12	6.6	6.6	4.8	4.2	3.4	3.2	3.7
30	3.5	e6.7	6.2	8.5	---	6.6	6.9	4.9	4.3	3.5	3.2	3.7
31	3.6	---	6.1	9.3	---	6.5	---	4.9	---	3.5	3.1	---
TOTAL	118.5	126.9	242.7	208.6	311.1	317.1	221.3	173.5	130.2	117.2	107.3	95.3
MEAN	3.82	4.23	7.83	6.73	10.7	10.2	7.38	5.60	4.34	3.78	3.46	3.18
MAX	4.4	6.7	20	9.3	18	20	9.8	7.7	5.0	4.0	3.8	3.7
MIN	3.3	3.4	5.4	5.2	7.9	6.5	6.0	4.4	3.9	3.4	3.1	2.8
AC-FT	235	252	481	414	617	629	439	344	258	232	213	189

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2004, BY WATER YEAR (WY)

MEAN	3.40	5.07	7.56	8.62	10.3	11.4	12.1	7.43	3.84	3.75	4.80	3.57
MAX	4.62	8.49	18.0	29.0	20.0	27.0	52.9	36.9	6.24	5.81	13.5	6.39
(WY)	(1969)	(1964)	(1967)	(1969)	(1969)	(1969)	(1969)	(1973)	(1973)	(1970)	(1970)	(1963)
MIN	0.82	1.25	2.24	4.59	6.33	6.30	4.43	3.00	2.65	2.71	2.67	2.51
(WY)	(1974)	(1974)	(1974)	(1963)	(1965)	(1972)	(1966)	(1963)	(1964)	(1972)	(1972)	(1972)

09417500 MEADOW VALLEY WASH AT EAGLE CANYON NEAR URSINE, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1962 - 2004	
ANNUAL TOTAL	2,530.8		2,169.7			
ANNUAL MEAN	6.93		5.93		6.79	
HIGHEST ANNUAL MEAN					13.8	1969
LOWEST ANNUAL MEAN					4.49	1974
HIGHEST DAILY MEAN	22	Jan 12	20	Dec 26	220	Jan 26, 1969
LOWEST DAILY MEAN	2.6	Aug 5	2.8	Sep 11	0.40	Oct 23, 1965
ANNUAL SEVEN-DAY MINIMUM	3.0	Jul 31	2.9	Sep 6	0.57	Oct 23, 1965
MAXIMUM PEAK FLOW			35	Dec 26	700	Jan 25, 1969
MAXIMUM PEAK STAGE			5.04	Dec 26	5.04	Dec 26, 2003
ANNUAL RUNOFF (AC-FT)	5,020		4,300		4,920	
10 PERCENT EXCEEDS	13		9.2		11	
50 PERCENT EXCEEDS	4.9		4.8		4.7	
90 PERCENT EXCEEDS	3.4		3.4		2.7	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, MEADOW VALLEY WASH

09418500 MEADOW VALLEY WASH NEAR CALIENTE, NV

LOCATION.--Lat 37°33'30.16", long 114°33'47" referenced to North American Datum of 1983, in SW ¼ NE ¼ sec. 35, T.4S ., R.66 E., Lincoln County, Hydrologic Unit 15010013, on left bank, 0.5 mi east of Etna, 4.5 mi southwest of Caliente, and 6 mi downstream from Clover Creek.

DRAINAGE AREA.--1,670 mi^2.

PERIOD OF RECORD.--January 1951 to September 1960, November 1964 to September 1983, and October 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,200 ft above National Geodetic Vertical Datum of 1929, by barometer. Prior to June 16, 1955, at site 1.8 mi downstream at different datum. Prior to October 29, 1998 at site 3.0 mi downstream at different datum.

REMARKS.--Records poor. Beaver activity in the immediate vicinity of the gage created severe backwater conditions for most of the year. Several diversions for irrigation above station. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, about 2,400 ft^3/s, March 5, 1978, gage height, 9.41 ft, from floodmarks; maximum gage height, 12.58 ft, March 28, 1998; no flow at times some years.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 300 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
December 10	0900	*492	*8.67	No other peak greater than base discharge.			

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	e0.11	e0.10	e0.10	e0.27	e0.11	e0.42	e0.50	e2.4	e0.04	e0.23	e0.66	e0.47
2	e0.11	e0.11	e0.07	e0.29	e0.17	e0.61	e1.5	e2.2	e0.11	e0.32	e0.66	e0.46
3	e0.11	e0.12	e0.08	e0.29	e0.27	e0.88	4.2	e0.97	e0.10	e0.39	e0.61	e0.47
4	e0.11	e0.10	e0.10	e0.27	e0.24	e0.87	4.2	e0.62	e0.12	e0.42	e0.60	e0.48
5	e0.11	e0.11	e0.09	e0.25	e0.22	e0.83	2.2	e0.41	e0.11	e0.40	e0.58	e0.49
6	e0.12	e0.11	0.08	e0.22	e0.20	e0.64	0.81	e0.32	e0.11	e0.42	e0.57	e0.48
7	e0.12	e0.10	e0.11	e0.19	e0.18	e0.56	0.22	e0.27	e0.11	e0.18	e0.54	e0.43
8	e0.12	e0.10	e0.10	e0.17	e0.18	e0.58	0.39	e0.13	e0.09	0.06	e0.54	e0.40
9	e0.11	e0.12	e0.10	e0.19	e0.17	e0.73	e0.41	e0.14	e0.06	0.05	e0.53	13
10	e0.11	e0.11	e0.11	e0.20	e0.18	0.84	e0.49	e0.12	e0.08	0.00	e0.51	0.87
11	e0.11	e0.10	e0.10	e0.20	e0.17	0.67	0.57	e0.11	e0.07	0.00	e0.50	0.14
12	e0.11	e0.25	e0.11	e0.13	e0.17	0.71	e0.90	0.29	e0.05	0.00	e0.47	0.05
13	e0.11	e0.35	e0.11	e0.10	e0.17	0.80	e1.7	e0.18	e0.11	0.00	e0.43	0.11
14	e0.11	e0.28	e0.12	e0.09	e0.17	1.1	e2.0	e0.16	e0.07	0.00	e0.42	0.34
15	e0.11	e0.20	e0.10	e0.09	e0.17	e0.98	e2.1	e0.12	e0.04	0.00	e0.41	0.31
16	e0.11	e0.15	e0.12	e0.10	e0.17	e1.0	e2.2	e0.11	e0.09	0.00	e0.40	0.32
17	e0.11	e0.10	e0.13	e0.10	e0.17	e0.97	e1.4	e0.14	e0.08	0.00	e0.40	0.20
18	e0.10	e0.11	0.11	e0.11	e0.17	e0.96	e1.5	e0.11	0.04	0.00	e0.38	0.01
19	e0.11	e0.08	0.18	e0.11	e0.17	e0.97	e1.6	e0.10	e0.06	0.00	e0.37	0.00
20	e0.11	e0.08	0.27	e0.10	e0.17	e1.0	e1.5	e0.11	e0.10	0.00	e0.58	0.00
21	e0.09	e0.08	e0.29	e0.11	e0.17	e1.0	e1.4	e0.10	e0.08	0.00	e0.77	0.00
22	e0.10	0.05	e0.30	e0.11	e0.17	e1.1	e1.3	e0.10	e0.09	0.00	0.80	0.00
23	e0.10	e0.09	e0.28	e0.11	e0.17	e0.93	e1.2	e0.10	e0.14	0.08	e0.54	0.01
24	e0.10	e0.12	e0.27	e0.12	e0.18	e0.73	e1.3	e0.16	e0.23	e0.95	e0.48	0.03
25	e0.10	e0.09	e0.57	e0.10	e0.20	e0.58	e1.5	e0.10	e0.33	e0.93	e0.45	0.00
26	e0.10	e0.11	e0.55	e0.10	e0.30	e0.58	e1.4	e0.16	e0.37	e0.90	e0.47	0.00
27	0.08	e0.12	e0.43	e0.12	e0.27	e0.58	e1.4	e0.09	e0.39	e0.87	e0.46	0.01
28	e0.10	0.06	e0.39	e0.10	e0.30	e0.50	e1.6	e0.11	e0.27	e0.80	e0.45	0.05
29	e0.09	0.05	e0.29	e0.13	e0.39	e0.50	e1.9	e0.11	e0.34	e0.78	e0.44	0.01
30	e0.10	0.05	e0.23	e0.14	---	e0.50	e2.6	e0.11	e0.19	e0.74	e0.46	0.02
31	e0.11	---	e0.26	e0.10	---	e0.35	---	e0.09	---	e0.70	e0.45	---
TOTAL	3.29	3.60	6.15	4.71	5.77	23.47	45.99	10.24	4.07	9.22	15.93	19.16
MEAN	0.11	0.12	0.20	0.15	0.20	0.76	1.53	0.33	0.14	0.30	0.51	0.64
MAX	0.12	0.35	0.57	0.29	0.39	1.1	4.2	2.4	0.39	0.95	0.80	13
MIN	0.08	0.05	0.07	0.09	0.11	0.35	0.22	0.09	0.04	0.00	0.37	0.00
AC-FT	6.5	7.1	12	9.3	11	47	91	20	8.1	18	32	38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2004, BY WATER YEAR (WY)

MEAN	2.76	4.19	6.87	12.5	26.5	33.5	16.2	5.75	2.94	2.69	4.73	2.61
MAX	12.6	12.7	27.7	127	297	280	160	28.9	11.5	13.9	44.4	16.8
(WY)	(1973)	(1958)	(1952)	(1993)	(1993)	(1978)	(1969)	(1998)	(1956)	(1956)	(1955)	(1998)
MIN	0.11	0.12	0.20	0.15	0.20	0.76	0.66	0.33	0.10	0.04	0.08	0.11
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2002)	(2004)	(2002)	(2002)	(2002)	(2002)

09418500 MEADOW VALLEY WASH NEAR CALIENTE, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1951 - 2004	
ANNUAL TOTAL	257.43		151.60			
ANNUAL MEAN	0.71		0.41		10.2	
HIGHEST ANNUAL MEAN					61.5	1993
LOWEST ANNUAL MEAN					0.41	2004
HIGHEST DAILY MEAN	29	Aug 15	13	Sep 9	1,480	Mar 5, 1978
LOWEST DAILY MEAN	0.00	Aug 3	0.00	Jul 10	0.00	Jul 26, 1966
ANNUAL SEVEN-DAY MINIMUM	0.00	Aug 3	0.00	Jul 10	0.00	Jul 11, 2000
MAXIMUM PEAK FLOW			114	Sep 9	2,400	Mar 5, 1978
MAXIMUM PEAK STAGE			13.00	Sep 9	13.00	Sep 9, 2004
ANNUAL RUNOFF (AC-FT)	511		301		7,430	
10 PERCENT EXCEEDS	1.4		0.94		15	
50 PERCENT EXCEEDS	0.42		0.17		3.3	
90 PERCENT EXCEEDS	0.07		0.06		0.97	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, MEADOW VALLEY WASH

09418700 MEADOW VALLEY WASH NEAR ROX, NV

LOCATION.--Lat 36°50'24", long 114°39'29" referenced to North American Datum of 1927, in NW ¼ NW ¼ sec. 25, T.13 S., R.65 E., Clark County, Hydrologic Unit 15010013, on left bank, about 3 mi downstream from Rox.

DRAINAGE AREA.--2,384 mi^2.

PERIOD OF RECORD.--February 1987 to September 1994, and October 2001 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,855 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to September 1994 at site about 2.0 miles upstream at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Several diversions for irrigation above station. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,620 ft^3/s, February 10, 1993, gage height, 7.02 ft; no flow at times during summer months, some years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1.6 ft^3/s, December 23, gage height, 4.31 ft; minimum daily discharge, 0.00 ft^3/s, on many days.

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	0.00	0.13	0.43	0.87	0.65	0.93	1.2	e0.67	0.28	0.10	0.00	0.00
2	0.00	0.24	0.43	0.87	0.65	1.1	1.4	e0.67	0.27	0.06	0.00	0.00
3	0.00	0.12	0.45	0.84	0.73	1.0	1.4	e0.66	0.20	0.07	0.00	0.00
4	0.00	0.27	0.47	0.87	0.72	e1.0	1.3	e0.66	0.20	0.07	0.00	0.00
5	0.00	0.29	0.46	0.88	0.68	e1.0	1.3	e0.65	0.21	0.05	0.00	0.00
6	0.00	0.30	0.47	0.90	0.67	e1.1	1.3	0.65	0.20	0.05	0.00	0.00
7	0.00	0.32	0.47	0.93	0.70	e1.2	1.2	0.62	0.20	0.03	0.00	0.00
8	0.00	0.26	0.47	0.94	0.70	e1.2	1.2	0.60	0.19	0.03	0.00	0.00
9	0.00	0.29	0.47	0.95	0.69	1.3	1.2	0.52	0.20	0.04	0.00	0.00
10	0.00	0.31	0.50	0.97	0.75	1.3	1.2	0.52	0.22	0.04	0.00	0.00
11	0.00	0.29	0.54	0.99	0.76	e1.3	e1.2	0.46	0.24	0.00	0.00	0.00
12	0.00	0.35	0.56	1.0	0.76	1.3	e1.2	0.51	0.22	0.00	0.00	0.00
13	0.00	0.40	0.60	1.1	0.78	1.3	e1.0	0.51	0.22	0.01	0.00	0.00
14	0.00	0.38	0.61	1.1	0.81	1.3	e1.0	0.45	0.22	0.01	0.00	0.00
15	0.00	0.40	0.61	1.1	0.80	1.3	e1.0	0.45	0.21	0.03	0.00	0.00
16	0.00	0.44	0.64	1.1	0.81	1.3	e1.0	0.45	0.16	0.03	0.00	0.00
17	0.00	0.42	0.65	1.2	0.83	1.3	e1.0	0.45	0.16	0.01	0.00	0.00
18	0.00	0.40	0.65	0.98	0.84	1.3	e1.0	0.40	0.18	0.04	0.00	0.00
19	0.00	0.39	0.65	0.94	0.86	1.3	e1.0	0.40	0.22	0.02	0.00	0.00
20	0.00	0.41	0.65	0.91	0.87	1.3	e1.0	0.41	0.16	0.01	0.00	0.00
21	0.00	0.42	0.68	0.81	0.90	1.3	e0.95	0.35	0.15	0.01	0.00	0.00
22	0.00	0.38	0.67	0.75	0.99	1.3	e0.90	0.36	0.15	0.00	0.00	0.00
23	0.00	0.42	0.79	0.75	1.2	1.3	e0.85	0.35	0.12	0.00	0.00	0.00
24	0.00	0.46	0.78	0.70	0.98	1.3	e0.75	0.35	0.10	0.00	0.00	0.00
25	0.00	0.47	0.90	0.70	1.0	1.3	e0.75	0.34	0.11	0.00	0.00	0.00
26	0.00	0.47	0.94	0.74	1.1	1.3	e0.70	0.34	0.10	0.00	0.00	0.00
27	0.00	0.47	0.84	0.76	1.0	1.3	e0.69	0.30	0.09	0.00	0.00	0.00
28	0.00	0.48	0.87	0.76	1.0	1.3	e0.69	0.26	0.09	0.00	0.00	0.00
29	0.00	0.45	0.92	0.66	0.96	1.2	e0.68	0.27	0.08	0.00	0.00	0.00
30	0.00	0.43	0.94	0.66	---	1.2	e0.68	0.27	0.08	0.00	0.00	0.00
31	0.00	---	0.89	0.65	---	1.2	---	0.28	---	0.00	0.00	---
TOTAL	0.00	10.86	20.00	27.38	24.19	38.13	30.74	14.18	5.23	0.71	0.00	0.00
MEAN	0.00	0.36	0.65	0.88	0.83	1.23	1.02	0.46	0.17	0.02	0.00	0.00
MAX	0.00	0.48	0.94	1.2	1.2	1.3	1.4	0.67	0.28	0.10	0.00	0.00
MIN	0.00	0.12	0.43	0.65	0.65	0.93	0.68	0.26	0.08	0.00	0.00	0.00
AC-FT	0.00	22	40	54	48	76	61	28	10	1.4	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2004, BY WATER YEAR (WY)

MEAN	0.70	1.26	1.51	3.66	10.5	5.31	2.00	1.28	0.67	0.57	0.60	0.61
MAX	1.08	2.98	3.22	21.0	84.2	21.7	3.64	2.07	1.08	1.40	2.52	2.18
(WY)	(2002)	(1988)	(1988)	(1993)	(1993)	(1992)	(1988)	(1989)	(1993)	(1992)	(1988)	(1990)
MIN	0.00	0.36	0.65	0.88	0.83	1.23	1.00	0.46	0.17	0.02	0.00	0.00
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(1994)	(2004)	(2004)	(2004)	(2004)	(2003)

09418700 MEADOW VALLEY WASH NEAR ROX, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1987 - 2004	
ANNUAL TOTAL	254.52		171.42			
ANNUAL MEAN	0.70		0.47		2.37	
HIGHEST ANNUAL MEAN					10.8	1993
LOWEST ANNUAL MEAN					0.47	2004
HIGHEST DAILY MEAN	1.9	Mar 1	1.4	Apr 2	693	Feb 10, 1993
LOWEST DAILY MEAN	0.00	Jul 14	0.00	Oct 1	0.00	Jul 14, 2003
ANNUAL SEVEN-DAY MINIMUM	0.00	Jul 14	0.00	Oct 1	0.00	Jul 14, 2003
MAXIMUM PEAK FLOW			1.6	Dec 23	1,620	Feb 10, 1993
MAXIMUM PEAK STAGE			4.31	Dec 23	7.02	Feb 10, 1993
ANNUAL RUNOFF (AC-FT)	505		340		1,720	
10 PERCENT EXCEEDS	1.8		1.2		2.5	
50 PERCENT EXCEEDS	0.47		0.40		1.1	
90 PERCENT EXCEEDS	0.00		0.00		0.30	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, MUDDY RIVER BASIN

09419000 MUDDY RIVER NEAR GLENDALE, NV

LOCATION.--Lat 36°38'35", long 114°32'20" referenced to North American Datum of 1927, in NE ¼ SW ¼ sec. 07, T.15 S., R.67 E., Clark County, Hydrologic Unit 15010012, on left bank, at the Narrows, 150 ft downstream from Weiser Wash, 2 mi southeast of Glendale, 2.4 mi downstream from Meadow Valley Wash, 4.5 mi northwest of Logandale, and 16 mi upstream from Lake Mead.

DRAINAGE AREA.--6,780 mi^2 of which 3,780 mi^2 probably is noncontributing.

PERIOD OF RECORD.--January 1904 to December 1906 (gage heights only) and April to October 1910 (published as "near Moapa"), July 1913 to February 1914 (published as "near Logan"), February 1950 to September 1983, and October 1984 to current year.

REVISED RECORDS.--WSP 1243: 1906 (M). WSP 1733: Drainage area

GAGE.--Water-stage recorder. Elevation of gage is 1,460 ft above National Geodetic Vertical Datum of 1929, from river-profile map. January 1, 1904, to December 31, 1906, non-recording gage just upstream at different datum. April 22, 1910, to February 21, 1914, non-recording gage and rating flume at lower end of the Narrows, 1.2 mi downstream at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,400 ft^3/s, August 10, 1981, gage height, 27.10 ft; minimum, 15 ft^3/s, October 10, 1997.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 30 ft, March 26, 1906 (datum then in use), discharge not determined.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 402 ft^3/s, August 16, gage height, 9.62 ft; minimum daily discharge, 25 ft^3/s, June 17.

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	e30	30	e34	32	33	e41	29	33	29	27	32	34
2	30	32	e37	31	34	e41	32	32	29	27	32	34
3	30	31	e40	30	37	e37	34	31	28	27	31	34
4	30	33	e37	30	36	e40	33	31	28	27	32	32
5	30	33	e36	30	34	37	33	33	30	27	32	32
6	30	31	e35	32	33	35	34	35	31	26	31	31
7	30	32	e33	32	33	36	32	32	30	26	32	31
8	30	32	e32	33	34	38	33	32	30	26	32	30
9	32	33	e31	32	33	36	34	33	29	27	32	32
10	33	32	e30	31	33	37	34	33	30	26	31	32
11	30	29	e29	32	34	36	34	33	31	27	29	31
12	32	30	29	32	34	36	34	32	31	27	29	36
13	33	30	27	31	34	36	34	34	30	27	30	34
14	32	30	31	31	34	36	33	32	30	28	34	32
15	31	30	30	30	35	34	29	33	30	28	39	33
16	31	32	31	30	37	29	29	34	28	36	48	32
17	31	31	31	31	34	31	30	33	25	33	33	30
18	35	31	27	33	31	36	31	29	28	33	35	32
19	36	32	28	32	31	34	29	30	28	33	41	e34
20	34	32	29	32	31	31	32	28	28	32	36	e35
21	33	31	32	30	34	28	32	27	29	32	38	e36
22	33	29	31	30	36	28	32	28	28	32	38	37
23	30	31	31	28	40	33	32	31	28	31	37	35
24	29	30	32	28	e39	33	31	30	28	29	36	36
25	30	e39	30	32	35	26	36	29	28	29	31	36
26	30	e38	34	31	37	32	36	29	28	29	32	36
27	31	e36	31	27	36	31	37	32	28	28	32	37
28	31	e41	32	32	35	31	36	31	28	29	34	35
29	31	e37	33	32	38	31	35	30	28	30	35	35
30	31	e36	33	32	---	30	33	30	28	32	35	36
31	30	---	31	32	---	30	---	30	---	32	35	---
TOTAL	969	974	987	961	1,005	1,050	983	970	864	903	1,054	1,010
MEAN	31.3	32.5	31.8	31.0	34.7	33.9	32.8	31.3	28.8	29.1	34.0	33.7
MAX	36	41	40	33	40	41	37	35	31	36	48	37
MIN	29	29	27	27	31	26	29	27	25	26	29	30
AC-FT	1,920	1,930	1,960	1,910	1,990	2,080	1,950	1,920	1,710	1,790	2,090	2,000

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2004, BY WATER YEAR (WY)

MEAN	37.1	44.2	44.5	47.0	54.1	52.9	42.6	37.9	33.4	32.7	39.7	41.1
MAX	61.0	209	58.0	98.0	230	237	100	48.0	50.6	51.5	136	225
(WY)	(1973)	(1961)	(1961)	(1969)	(1993)	(1983)	(1969)	(1991)	(1965)	(1961)	(1981)	(1998)
MIN	23.8	29.8	30.6	31.0	32.0	29.5	27.4	28.2	23.6	23.3	24.1	24.6
(WY)	(1997)	(1996)	(1997)	(2004)	(1997)	(1989)	(1989)	(1997)	(1997)	(1990)	(2001)	(1996)

09419000 MUDDY RIVER NEAR GLENDALE, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1950 - 2004	
ANNUAL TOTAL	11,478		11,730			
ANNUAL MEAN	31.4		32.0		42.2	
HIGHEST ANNUAL MEAN					60.7	1961
LOWEST ANNUAL MEAN					30.4	1997
HIGHEST DAILY MEAN	41	Nov 28	48	Aug 16	2,990	Nov 6, 1960
LOWEST DAILY MEAN	24	Jun 20	25	Jun 17	15	Oct 10, 1997
ANNUAL SEVEN-DAY MINIMUM	24	Jul 11	26	Jul 4	18	Jul 23, 1990
MAXIMUM PEAK FLOW			402	Aug 16	16,400	Aug 10, 1981
MAXIMUM PEAK STAGE			9.62	Aug 16	27.10	Aug 10, 1981
ANNUAL RUNOFF (AC-FT)	22,770		23,270		30,580	
10 PERCENT EXCEEDS	37		36		51	
50 PERCENT EXCEEDS	32		32		38	
90 PERCENT EXCEEDS	25		28		28	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, MUDDY RIVER BASIN

09419507 MUDDY RIVER AT LEWIS AVENUE AT OVERTON, NV

LOCATION.--Lat 36°32'07", long 114°25'42" referenced to North American Datum of 1983, in NE ¼ NW ¼ sec. 19, T.16 S., R.68 E., Clark County, Hydrologic Unit 15010012, on left wing wall of upstream side of arched, concrete, corrugated-metal culvert on Lewis Avenue, 0.25 mi east of State Route 169, 0.05 mi upstream of Overton Wash, and 1.5 mi upstream from Lake Mead.

DRAINAGE AREA.--6,940 mi^2 of which 3,700 mi^2 probably is noncontributing.

PERIOD OF RECORD.--August 1997 to current year. Records for August and September 1997 available from Southern Nevada Water Authority.

REVISED RECORDS.--WDR NV-99-1: 1998.

GAGE.--Water-stage recorder. Elevation of gage is 1,251 ft above mean sea level, from gps static observation, using National Geodetic Vertical Datum of 1988VD-88 by Southern Nevada Water Authority.

REMARKS.--Records good except for estimated daily discharges, which are poor. Discharge at gage is predominantly irrigation return flow. An irrigation diversion approximately 7 mi upstream of the gage diverts the entire base flow of the Muddy River. At discharges greater than 215 ft^3/s, flow can bypass the main channel immediately above the gage. See schematic diagram of Lower Colorado River Basins.

COOPERATION.--Records were provided by Southern Nevada Water Authority and reviewed by the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, about 1,300 ft^3/s, September 12, 1998, gage height 9.88 ft; minimum daily, 1.9 ft^3/s, July 12, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 30 ft^3.s, April 6, gage height 4.47 ft; minimum daily, 1.9 ft^3/s, July 12.

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	9.2	12	8.2	5.6	8.6	9.9	11	11	5.3	e5.3	2.3	8.0
2	7.8	11	5.9	7.2	7.5	9.6	13	16	4.6	e5.2	4.5	6.5
3	9.6	15	8.8	7.1	11	8.9	19	9.2	5.1	e5.1	6.9	4.3
4	e10	13	12	6.8	7.6	15	27	6.9	3.5	e5.0	8.1	7.4
5	e10	12	12	5.9	5.4	8.8	25	7.7	5.9	8.3	6.9	6.8
6	e10	15	12	5.8	5.3	10	23	7.8	7.4	4.9	4.3	7.4
7	e10	14	12	5.5	4.0	13	24	14	5.4	4.2	4.6	3.3
8	e10	14	8.5	7.4	3.9	15	23	9.7	6.3	7.2	3.6	4.0
9	e10	15	9.6	5.4	3.7	15	25	8.6	7.0	6.2	5.4	6.7
10	e10	8.3	9.3	5.7	5.0	14	24	13	6.5	3.9	6.5	6.4
11	e11	8.7	9.4	7.2	3.9	13	19	12	5.0	2.8	5.2	10
12	e11	8.4	10	8.0	3.9	12	17	9.9	6.2	1.9	5.0	6.0
13	e11	12	9.4	5.5	4.7	12	17	7.7	5.5	4.3	6.0	5.4
14	10	13	8.2	4.6	4.3	10	17	11	4.2	4.8	7.8	7.1
15	9.6	13	9.3	4.9	3.9	16	13	7.5	7.5	4.7	5.0	5.3
16	13	17	8.2	7.3	4.0	13	6.9	8.5	6.4	8.4	2.6	6.9
17	9.8	15	8.3	7.5	5.1	8.6	4.9	9.2	6.6	3.7	6.0	7.2
18	12	8.8	8.5	5.6	4.2	11	8.2	9.4	e6.6	4.2	6.9	7.8
19	17	8.2	8.1	8.2	4.5	12	9.9	7.3	e6.5	4.5	6.6	7.5
20	20	8.2	9.2	7.2	4.6	14	16	4.5	e6.4	8.1	7.3	6.5
21	14	8.0	12	6.5	6.2	8.7	9.7	5.0	e6.3	6.4	7.6	7.3
22	17	6.5	9.8	6.0	6.8	8.2	11	7.0	e6.2	5.5	5.3	8.6
23	12	5.9	7.4	8.1	8.9	9.9	13	12	e6.1	7.2	5.3	9.2
24	10	6.3	8.6	6.8	9.0	11	8.8	12	e6.0	4.7	7.5	13
25	11	8.1	7.9	9.2	8.8	12	13	7.8	e5.9	4.6	12	12
26	17	8.1	7.9	8.1	8.7	9.2	17	7.6	e5.8	4.3	12	13
27	14	8.7	7.6	7.4	8.8	12	13	8.7	e5.7	6.0	5.7	8.2
28	14	7.0	7.0	11	10	11	19	6.0	e5.6	5.2	6.1	6.4
29	7.0	6.1	6.9	13	10	16	17	3.3	e5.5	3.6	3.5	8.8
30	8.3	7.2	5.6	7.4	---	16	11	5.2	e5.4	4.1	3.1	14
31	9.3	---	5.6	9.4	---	8.4	---	8.5	---	3.5	2.7	---
TOTAL	354.6	313.5	273.2	221.3	182.3	363.2	475.4	274.0	176.4	157.8	182.3	231.0
MEAN	11.4	10.4	8.81	7.14	6.29	11.7	15.8	8.84	5.88	5.09	5.88	7.70
MAX	20	17	12	13	11	16	27	16	7.5	8.4	12	14
MIN	7.0	5.9	5.6	4.6	3.7	8.2	4.9	3.3	3.5	1.9	2.3	3.3
AC-FT	703	622	542	439	362	720	943	543	350	313	362	458

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)

MEAN	15.7	15.2	10.7	8.90	14.3	16.2	15.1	11.2	8.12	9.81	9.45	18.7
MAX	23.7	21.2	17.7	12.3	33.0	25.0	20.4	16.9	13.8	21.2	18.5	56.2
(WY)	(1999)	(2000)	(1999)	(2000)	(1998)	(2000)	(1998)	(1999)	(1999)	(1998)	(2000)	(1998)
MIN	9.67	7.90	7.96	7.14	6.29	10.2	8.63	8.71	5.88	5.09	5.88	7.33
(WY)	(2002)	(2002)	(2002)	(2004)	(2004)	(2003)	(2002)	(2003)	(2004)	(2004)	(2004)	(2001)

09419507 MUDDY RIVER AT LEWIS AVENUE AT OVERTON, NV—Continued

SUMMARY STATISTICS	FOR 2004 WATER YEAR		WATER YEARS 1998 - 2004	
ANNUAL TOTAL	3,205.0			
ANNUAL MEAN	8.76		12.9	
HIGHEST ANNUAL MEAN			18.9	1998
LOWEST ANNUAL MEAN			8.76	2004
HIGHEST DAILY MEAN	27	Apr 4	630	Sep 12, 1998
LOWEST DAILY MEAN	1.9	Jul 12	1.9	Jul 12, 2004
ANNUAL SEVEN-DAY MINIMUM	4.1	Jul 9	4.0	Jan 28, 2001
MAXIMUM PEAK FLOW	30	Apr 6	1,300	Sep 12, 1998
MAXIMUM PEAK STAGE	4.47	Apr 6	9.88	Sep 12, 1998
ANNUAL RUNOFF (AC-FT)	6,360		9,370	
10 PERCENT EXCEEDS	14		22	
50 PERCENT EXCEEDS	8.0		10	
90 PERCENT EXCEEDS	4.5		5.6	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAKE MEAD

09419547 BLUE POINT SPRING NEAR VALLEY OF FIRE STATE PARK, NV

LOCATION.--Lat 36°23'24", long 114°25'59" referenced to North American Datum of 1927, in NW ¼ NE ¼ sec. 07, T.18 S., R.68 E., Clark County, Hydrologic Unit 15010005, in Lake Mead National Recreation Area, on left bank, about 4 mi east of Valley of Fire State Park, and 13 mi south of Overton.

PERIOD OF RECORD.--December 1998 to September 1999 (discharge measurements only); October 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,540 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 0.70 ft^3/s, October 16, 18, 19, 1999, gage height, 4.04 ft; minimum daily, 0.36 ft^3/s, June 30th - July 11th.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.59 ft^3/s, March 3, 4, gage height, 4.00 ft; minimum daily discharge, 0.49 ft^3/s, on several days.

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	0.56	0.56	0.56	0.56	0.56	0.56	e0.55	e0.54	0.54	0.49	0.52	0.54
2	0.56	0.56	0.56	0.56	0.56	0.56	e0.55	e0.54	0.54	0.49	0.52	0.54
3	0.56	0.56	0.56	0.56	0.56	0.58	e0.55	e0.54	0.54	0.49	0.52	0.54
4	0.56	0.56	0.56	0.56	0.56	e0.57	e0.55	e0.54	0.54	0.49	0.52	0.54
5	0.56	0.56	0.56	0.56	0.56	e0.57	e0.55	e0.54	0.54	0.49	0.52	0.54
6	0.56	0.56	0.56	0.56	0.56	e0.56	e0.55	e0.54	0.54	0.49	0.52	0.54
7	0.56	0.56	0.56	0.56	0.56	e0.56	e0.55	0.54	0.54	0.49	0.51	0.54
8	0.56	0.56	0.56	0.56	0.56	e0.57	e0.55	0.54	0.54	0.49	0.52	0.54
9	0.56	0.56	0.56	0.56	0.56	e0.57	e0.54	0.54	0.54	0.49	0.52	0.54
10	0.56	0.56	0.56	0.56	0.56	e0.57	e0.54	0.54	0.54	0.49	0.52	0.54
11	0.56	0.56	0.56	0.56	0.56	e0.56	e0.54	0.54	0.54	0.49	0.52	0.54
12	0.56	0.56	0.56	0.56	0.56	e0.56	e0.54	0.54	0.54	0.50	0.52	0.54
13	0.56	0.56	0.56	0.56	0.56	e0.56	e0.54	0.54	0.54	0.51	0.52	0.54
14	0.56	0.56	0.56	0.56	0.56	e0.56	e0.54	0.54	0.54	0.51	0.52	0.54
15	0.56	0.56	0.56	0.56	0.56	e0.56	e0.54	0.54	0.54	0.51	0.52	0.54
16	0.56	0.56	0.56	0.56	0.56	e0.57	e0.54	0.54	0.54	0.51	0.54	0.54
17	0.56	0.56	0.56	0.56	0.56	e0.56	e0.54	0.54	0.54	0.52	0.54	0.54
18	0.56	0.56	0.56	0.56	0.56	e0.56	e0.54	0.54	0.54	0.52	0.54	e0.54
19	0.56	0.56	0.56	0.56	0.56	e0.56	e0.54	0.54	0.54	0.52	0.54	e0.54
20	0.56	0.56	0.56	0.56	0.56	e0.56	e0.54	0.54	0.54	0.52	0.54	e0.54
21	0.56	0.56	0.56	0.56	0.56	e0.56	e0.54	0.54	0.54	0.52	0.54	e0.54
22	0.56	0.56	0.56	0.56	0.56	e0.56	e0.54	0.54	0.54	0.52	0.54	e0.54
23	0.56	0.56	0.56	0.56	0.56	e0.55	e0.54	0.54	0.54	0.52	0.54	e0.54
24	0.56	0.56	0.56	0.56	0.56	e0.55	e0.54	0.54	0.54	0.52	0.54	0.54
25	0.56	0.56	0.56	0.56	0.56	e0.55	e0.54	0.54	0.54	0.52	0.54	0.54
26	0.56	0.56	0.56	0.56	0.56	e0.55	e0.54	0.54	0.54	0.52	0.54	0.54
27	0.56	0.56	0.56	0.56	0.56	e0.55	e0.54	0.54	0.54	0.52	0.54	0.54
28	0.56	0.56	0.56	0.56	0.56	e0.55	e0.54	0.54	0.54	0.52	0.54	0.54
29	0.56	0.56	0.56	0.56	0.56	e0.55	e0.54	0.54	0.51	0.52	0.54	0.54
30	0.56	0.56	0.56	0.56	---	e0.55	e0.54	0.54	0.49	0.52	0.54	0.54
31	0.56	---	0.56	0.56	---	e0.55	---	0.54	---	0.52	0.54	---
TOTAL	17.36	16.80	17.36	17.36	16.24	17.35	16.28	16.74	16.12	15.73	16.43	16.20
MEAN	0.56	0.56	0.56	0.56	0.56	0.56	0.54	0.54	0.54	0.51	0.53	0.54
MAX	0.56	0.56	0.56	0.56	0.56	0.58	0.55	0.54	0.54	0.52	0.54	0.54
MIN	0.56	0.56	0.56	0.56	0.56	0.55	0.54	0.54	0.49	0.49	0.51	0.54
AC-FT	34	33	34	34	32	34	32	33	32	31	33	32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2004, BY WATER YEAR (WY)

MEAN	0.56	0.56	0.55	0.55	0.54	0.54	0.56	0.54	0.55	0.55	0.55	0.55
MAX	0.59	0.62	0.61	0.65	0.56	0.56	0.57	0.57	0.59	0.61	0.62	0.63
(WY)	(2002)	(2000)	(2000)	(2000)	(2004)	(2004)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)
MIN	0.52	0.52	0.49	0.46	0.48	0.51	0.54	0.50	0.48	0.48	0.48	0.49
(WY)	(2001)	(2002)	(2002)	(2002)	(2002)	(2000)	(2004)	(2000)	(2002)	(2002)	(2002)	(2002)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2000 - 2004	
ANNUAL TOTAL	201.13		199.97			
ANNUAL MEAN	0.55		0.55		0.55	
HIGHEST ANNUAL MEAN					0.57	2001
LOWEST ANNUAL MEAN					0.50	2002
HIGHEST DAILY MEAN	0.58	Apr 14	0.58	Mar 3	0.67	Oct 19, 1999
LOWEST DAILY MEAN	0.54	Jan 1	0.49	Jun 30	0.45	Mar 8, 2000
ANNUAL SEVEN-DAY MINIMUM	0.54	Jan 1	0.49	Jun 30	0.45	Jan 10, 2002
MAXIMUM PEAK FLOW			0.59	Mar 3	0.70	Oct 16, 1999
MAXIMUM PEAK STAGE			4.00	Mar 3	4.04	Oct 16, 1999
ANNUAL RUNOFF (AC-FT)	399		397		397	
10 PERCENT EXCEEDS	0.56		0.56		0.62	
50 PERCENT EXCEEDS	0.55		0.55		0.55	
90 PERCENT EXCEEDS	0.54		0.52		0.49	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAKE MEAD

09419550 ROGERS SPRING NEAR OVERTON BEACH, NV

LOCATION.--Lat 36°22'36", long 114°26'33" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec. 12, T.18 S., R.67 E., Clark County, Hydrologic Unit 15010005, on left bank, in Lake Mead National Recreation Area, 6.6 mi southwest of Overton Beach, and 14 mi south of Overton on North Shore Road.

PERIOD OF RECORD.--August 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,570 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Minor temporary regulation for recreation upstream. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 26 ft^3/s, August 16, 1990, from rating curve extended above 2.2 ft^3/s, on basis of velocity-area study; minimum daily, 0.90 ft^3/s, August 25, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3.4 ft^3/s, June 20, gage height, 1.07 ft; minimum daily discharge, 1.6 ft^3/s, on many days.

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	1.7	1.7	1.7	1.6	1.7	1.7	e1.7	e1.7	1.6	1.6	1.6	1.6
2	1.7	1.7	1.7	1.6	1.7	1.7	e1.7	e1.7	1.6	1.7	1.6	1.6
3	1.7	1.7	1.6	1.6	1.7	1.7	e1.7	e1.7	1.6	1.7	1.6	1.6
4	1.7	1.7	1.6	1.6	1.7	1.7	e1.7	e1.7	1.6	1.7	1.6	1.6
5	1.7	1.7	1.6	1.6	1.6	1.7	e1.7	e1.7	1.6	1.7	1.6	1.6
6	1.7	1.7	1.6	1.6	1.6	1.7	e1.7	e1.7	1.6	1.7	1.6	1.6
7	1.7	1.7	1.6	1.6	1.7	1.7	e1.7	e1.7	1.6	1.7	1.6	1.6
8	1.7	1.7	1.6	1.6	1.7	1.6	e1.7	1.7	1.6	1.7	1.6	1.6
9	1.7	1.7	1.6	1.6	1.7	1.7	e1.7	1.7	1.6	1.7	1.6	1.6
10	1.7	1.7	1.6	1.6	1.7	1.7	e1.7	1.7	1.6	1.7	1.6	1.6
11	1.7	1.7	1.6	1.6	1.7	e1.7	e1.7	1.7	1.6	1.7	1.6	1.6
12	1.7	1.7	1.6	1.6	1.7	e1.7	e1.7	1.7	1.6	1.7	1.6	1.6
13	1.7	1.7	1.6	1.6	1.7	e1.7	e1.7	1.7	1.7	1.7	1.6	1.6
14	1.7	1.7	1.6	1.7	1.7	e1.7	e1.7	1.7	1.6	1.7	1.6	1.6
15	1.7	1.7	1.6	1.7	1.7	e1.7	e1.7	1.7	1.7	1.7	1.6	1.6
16	1.7	1.7	1.6	1.7	1.7	e1.7	e1.7	1.6	1.6	1.7	1.6	1.6
17	1.7	1.7	1.6	1.6	1.7	e1.7	e1.7	1.6	1.6	1.7	1.6	1.6
18	1.7	1.7	1.6	1.7	1.7	e1.7	e1.7	1.6	1.7	1.7	1.6	1.6
19	1.7	1.7	1.6	1.7	1.7	e1.7	e1.7	1.6	1.6	1.7	1.6	1.6
20	1.7	1.7	1.6	1.7	1.7	e1.7	e1.7	1.6	1.7	1.7	1.6	1.6
21	1.7	1.7	1.6	1.7	1.7	e1.7	e1.7	1.6	1.6	1.7	1.6	1.6
22	1.7	1.7	1.6	1.6	1.7	e1.7	e1.7	1.6	1.6	1.6	1.6	1.6
23	1.7	1.7	1.6	1.7	1.7	e1.7	e1.7	1.6	1.6	1.6	1.6	1.6
24	1.7	1.7	1.6	1.7	1.7	e1.7	e1.7	1.6	1.6	1.6	1.6	1.6
25	1.7	1.7	1.6	1.6	1.7	e1.7	e1.7	1.6	1.6	1.6	1.6	1.6
26	1.7	1.7	1.6	1.6	1.7	e1.7	e1.7	1.6	1.6	1.6	1.6	1.6
27	1.7	1.7	1.6	1.6	1.7	e1.7	e1.7	1.6	1.6	1.6	1.6	1.6
28	1.7	1.7	1.6	1.7	1.7	e1.7	e1.7	1.6	1.6	1.6	1.6	1.6
29	1.7	1.7	1.6	1.7	1.7	e1.7	e1.7	1.7	1.6	1.6	1.6	1.6
30	1.7	1.7	1.6	1.7	---	e1.7	e1.7	1.6	1.6	1.6	1.6	1.6
31	1.7	---	1.6	1.7	---	e1.7	---	1.6	---	1.6	1.6	---
TOTAL	52.7	51.0	49.8	50.9	49.1	52.6	51.0	51.2	48.4	51.6	49.6	48.0
MEAN	1.70	1.70	1.61	1.64	1.69	1.70	1.70	1.65	1.61	1.66	1.60	1.60
MAX	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
MIN	1.7	1.7	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6
AC-FT	105	101	99	101	97	104	101	102	96	102	98	95

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2004, BY WATER YEAR (WY)

MEAN	1.69	1.68	1.66	1.65	1.66	1.63	1.62	1.62	1.67	1.67	1.68	1.67
MAX	1.85	1.92	1.89	2.16	2.28	1.94	1.82	1.80	1.89	1.88	2.02	1.91
(WY)	(2000)	(1991)	(1993)	(1993)	(1993)	(1993)	(2000)	(1995)	(1993)	(1993)	(1993)	(1993)
MIN	1.54	1.55	1.43	1.27	1.23	1.25	1.22	1.37	1.46	1.38	1.35	1.46
(WY)	(1996)	(1997)	(1997)	(1986)	(1992)	(1987)	(1987)	(1992)	(1992)	(1992)	(1992)	(1989)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1985 - 2004	
ANNUAL TOTAL	616.9		605.9			
ANNUAL MEAN	1.69		1.66		1.66	
HIGHEST ANNUAL MEAN					1.88	1993
LOWEST ANNUAL MEAN					1.47	1992
HIGHEST DAILY MEAN	1.7	Jan 1	1.7	Oct 1	2.8	Aug 16, 1990
LOWEST DAILY MEAN	1.6	Jun 29	1.6	Dec 3	0.90	Aug 25, 1992
ANNUAL SEVEN-DAY MINIMUM	1.6	Dec 3	1.6	Dec 3	1.1	Feb 25, 1986
MAXIMUM PEAK FLOW			3.4	Jun 20	26	Aug 16, 1990
MAXIMUM PEAK STAGE			1.07	Jun 20	3.31	Aug 16, 1990
ANNUAL RUNOFF (AC-FT)	1,220		1,200		1,200	
10 PERCENT EXCEEDS	1.7		1.7		1.8	
50 PERCENT EXCEEDS	1.7		1.7		1.7	
90 PERCENT EXCEEDS	1.7		1.6		1.5	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

09419625 CORN CREEK SPRING AT NATIONAL FISH AND WILDLIFE HEADQUARTERS, NV

LOCATION.--Lat 36°26'20", long 115°21'26" referenced to North American Datum of 1927, in NW ¼ NE ¼ sec. 34, T.17 S., R.59 E., Clark County, Hydrologic Unit 15010015, in Desert National Wildlife Range, on right bank, at National Fish and Wildlife Headquarters complex, 4 mi east of U. S. Highway 95, and 20 mi northwest of Las Vegas.

PERIOD OF RECORD.--July 1985 to September 1994, January 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 2,790 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except estimated daily discharges, which are poor. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1.10 ft^3/s, April 2, 1989, gage height, 1.44 ft; minimum daily, 0.20 ft^3/s, many days.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.35 ft^3/s, October 10, gage height, 1.00 ft; minimum daily discharge, 0.20 ft^3/s, on several days.

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	e0.35	0.32	0.30	0.30	0.28	0.30	0.28	0.25	0.20	0.22	0.23	e0.25
2	e0.34	0.32	0.30	0.30	0.28	0.30	0.30	0.25	0.20	0.22	0.24	e0.25
3	e0.34	0.32	0.30	0.30	0.28	0.30	0.32	0.25	0.20	0.22	0.24	e0.25
4	e0.35	0.32	0.30	0.30	0.28	0.30	e0.32	0.24	0.20	0.22	0.23	e0.25
5	e0.35	0.32	e0.29	0.30	0.28	0.30	0.32	0.25	0.20	0.22	0.22	e0.25
6	e0.35	0.32	0.28	0.30	e0.29	0.30	0.29	0.26	0.20	0.22	0.22	e0.25
7	e0.35	0.32	0.27	0.30	e0.29	0.30	0.28	0.24	0.20	0.22	0.22	e0.26
8	e0.34	0.32	0.27	0.30	e0.29	0.29	0.30	0.24	0.21	0.22	0.22	e0.26
9	e0.34	0.32	0.28	0.30	e0.29	0.28	0.30	0.24	0.22	0.22	0.22	0.26
10	0.35	0.32	0.28	0.30	0.30	0.28	0.30	0.23	0.23	0.22	0.22	0.26
11	0.35	0.32	0.28	0.30	0.30	0.28	0.29	0.24	0.23	0.22	0.23	0.26
12	0.35	0.32	0.28	0.30	0.29	0.28	0.29	0.24	0.22	0.22	0.23	0.26
13	0.34	0.32	0.28	0.30	0.29	0.28	0.29	0.24	0.22	0.22	e0.23	0.26
14	0.34	0.32	0.28	0.30	0.29	0.28	0.29	0.24	0.22	0.22	e0.23	0.26
15	0.34	0.32	0.28	0.29	0.29	0.28	0.28	0.24	0.21	0.22	e0.23	0.26
16	0.34	0.32	0.28	0.29	0.29	0.28	0.27	e0.24	0.21	0.22	e0.23	0.26
17	0.34	0.32	0.28	0.28	0.29	0.28	0.26	e0.25	0.22	0.22	e0.23	0.26
18	0.35	0.32	0.28	0.28	0.30	0.27	0.29	e0.25	0.22	0.22	e0.23	0.26
19	0.35	0.32	0.28	0.28	0.30	0.26	0.29	e0.24	0.20	0.22	e0.23	0.26
20	0.35	0.32	0.28	0.28	0.30	0.26	0.29	e0.24	0.20	0.22	e0.23	0.26
21	0.35	0.32	0.28	0.28	0.30	0.26	0.30	e0.23	0.20	0.22	e0.24	0.26
22	0.35	0.31	0.28	0.28	0.30	0.26	0.30	e0.23	0.20	0.22	e0.24	0.26
23	0.35	0.30	0.28	0.28	0.30	0.26	0.28	e0.24	0.22	0.22	e0.24	0.26
24	0.34	0.30	0.28	0.28	0.30	0.26	0.26	e0.24	0.23	0.22	e0.24	0.26
25	0.34	0.30	0.28	0.28	0.30	0.26	0.26	0.24	e0.23	0.22	e0.24	0.26
26	0.34	0.30	0.30	0.28	0.30	0.26	0.26	0.24	e0.23	0.22	e0.24	0.26
27	0.34	0.30	0.30	0.28	0.30	0.27	0.26	0.24	e0.23	0.22	e0.24	0.27
28	0.35	0.30	0.30	0.28	0.30	0.28	0.25	0.21	e0.22	0.22	e0.24	0.27
29	0.34	0.30	0.30	0.28	0.30	0.28	0.26	0.20	0.22	0.22	e0.24	0.27
30	0.32	0.30	0.30	0.28	---	0.28	0.25	0.20	0.22	0.22	e0.24	0.26
31	0.32	---	0.30	0.28	---	0.28	---	0.20	---	0.22	e0.24	---
TOTAL	10.65	9.43	8.87	8.98	8.50	8.65	8.53	7.34	6.41	6.82	7.20	7.77
MEAN	0.34	0.31	0.29	0.29	0.29	0.28	0.28	0.24	0.21	0.22	0.23	0.26
MAX	0.35	0.32	0.30	0.30	0.30	0.30	0.32	0.26	0.23	0.22	0.24	0.27
MIN	0.32	0.30	0.27	0.28	0.28	0.26	0.25	0.20	0.20	0.22	0.22	0.25
AC-FT	21	19	18	18	17	17	17	15	13	14	14	15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2004, BY WATER YEAR (WY)

MEAN	0.30	0.30	0.31	0.30	0.30	0.30	0.29	0.29	0.29	0.29	0.30	0.30
MAX	0.36	0.37	0.39	0.37	0.37	0.37	0.37	0.37	0.37	0.36	0.37	0.36
(WY)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(1999)	(2002)	(2002)	(2003)
MIN	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.24	0.21	0.22	0.23	0.25
(WY)	(1987)	(1987)	(1987)	(1987)	(1987)	(1987)	(1994)	(2004)	(2004)	(2004)	(2004)	(1987)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1985 - 2004	
ANNUAL TOTAL	116.94		99.15			
ANNUAL MEAN	0.32		0.27		0.30	
HIGHEST ANNUAL MEAN					0.37	2002
LOWEST ANNUAL MEAN					0.25	1987
HIGHEST DAILY MEAN	0.37	Aug 28	0.35	Oct 1	0.39	Oct 22, 2000
LOWEST DAILY MEAN	0.27	Dec 7	0.20	May 29	0.20	May 29, 2004
ANNUAL SEVEN-DAY MINIMUM	0.28	Dec 6	0.20	May 29	0.20	May 29, 2004
MAXIMUM PEAK FLOW			0.35	Oct 10	1.1	Apr 2, 1989
MAXIMUM PEAK STAGE			1.00	Oct 10	1.44	Apr 2, 1989
ANNUAL RUNOFF (AC-FT)	232		197		216	
10 PERCENT EXCEEDS	0.35		0.32		0.35	
50 PERCENT EXCEEDS	0.32		0.28		0.29	
90 PERCENT EXCEEDS	0.28		0.22		0.25	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

094196497 GOWAN DETENTION BASIN OUTLET NEAR NORTH LAS VEGAS, NV

LOCATION.--Lat 36°14'35", long 115°09'24" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec. 04, T.20 S., R.61 E., Clark County, Hydrologic Unit 15010015, on downstream side of concrete box culvert on Camino Al Norte Road, 0.3 mi northeast of Craig Road, and 3.8 mi north of North Las Vegas.

DRAINAGE AREA.--113.06 mi^2.

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 2,060 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to October 1, 1995 at datum 9.0 ft lower.

REMARKS.--Records good. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 644 ft^3/s, August 9, 1997, gage height, 10.33 ft, maximum gage height, 11.55 ft, July 8, 1999; no flow at times, most years. Maximum daily precipitation, 1.32 inches, July 8, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 569 ft^3/s, February 26, gage height, 11.12 ft; minimum daily discharge, 0.00 ft^3/s, on many days. Maximum daily precipitation, 0.76 in., Feb. 22.

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	0.16	0.08	0.00	0.31	0.00	0.29	0.08	0.84	0.27	0.18	1.0	0.29
2	0.06	0.09	0.00	0.03	0.04	5.3	15	0.76	0.29	0.23	1.2	0.24
3	0.11	0.12	0.00	0.00	4.0	0.45	7.8	0.00	0.33	0.25	0.60	0.30
4	0.08	0.05	0.14	0.00	3.0	0.15	1.3	1.1	0.56	0.18	0.23	0.15
5	0.02	0.00	0.20	0.11	0.92	0.07	0.54	0.68	0.78	0.00	0.26	0.16
6	0.07	e0.00	0.02	0.21	0.50	0.02	0.48	0.60	0.13	0.49	0.34	0.12
7	0.07	e0.00	0.00	0.11	0.50	0.03	0.28	0.81	0.19	0.23	0.29	0.20
8	0.02	e0.00	0.00	0.04	0.50	0.21	2.5	1.4	0.58	0.20	0.23	0.25
9	0.00	e0.00	0.00	0.05	0.50	0.22	1.1	0.86	0.70	0.18	0.17	1.3
10	0.00	e0.00	0.00	0.06	0.50	0.17	0.34	0.17	0.24	0.19	0.26	1.2
11	0.02	e0.00	7.0	0.03	0.50	0.13	0.85	0.30	0.28	0.21	0.34	0.36
12	0.00	e35	0.78	0.00	0.50	0.05	0.06	1.0	0.03	0.07	0.52	0.21
13	0.02	e1.0	0.11	0.00	0.50	0.07	0.22	0.53	0.05	0.45	0.40	0.23
14	0.05	0.17	0.46	0.04	0.50	0.09	0.26	0.52	e0.00	0.26	0.28	0.28
15	0.03	0.05	0.23	0.04	0.50	0.09	0.01	0.41	e0.00	0.40	4.9	0.22
16	0.03	1.4	0.02	0.07	0.50	0.00	0.24	0.28	e0.00	0.84	21	0.35
17	0.00	0.15	0.00	0.08	0.43	0.00	0.54	0.00	e0.00	1.2	9.0	0.27
18	0.03	0.09	0.00	0.13	e0.80	0.06	0.39	0.26	e0.01	0.74	0.80	0.19
19	0.02	0.09	0.00	0.00	e0.80	0.10	0.00	0.33	e0.01	0.22	0.46	0.18
20	0.06	0.10	0.06	0.10	1.2	0.19	0.00	0.20	e0.01	0.24	0.92	0.11
21	0.07	0.05	0.00	0.20	4.9	0.29	0.31	0.32	e0.00	0.31	0.99	0.09
22	0.04	0.00	0.21	0.03	18	0.22	0.00	0.24	e0.00	0.29	0.33	0.11
23	0.06	0.04	0.13	0.00	42	0.00	0.23	0.17	e0.00	0.29	0.17	0.11
24	0.02	0.02	0.74	0.06	e1.5	0.18	0.27	0.00	e0.00	0.23	0.41	0.13
25	0.04	0.03	14	0.00	e1.0	0.07	0.29	0.10	e0.01	0.19	0.29	0.11
26	0.00	0.00	8.4	0.04	195	0.22	0.41	0.48	e0.01	0.18	0.51	0.15
27	0.03	0.00	0.20	0.02	0.38	0.18	0.26	0.26	e0.01	0.17	0.37	0.26
28	0.01	0.00	0.01	0.67	0.07	0.18	0.36	0.15	e0.01	0.19	0.32	0.25
29	0.08	0.00	0.00	0.10	0.00	0.28	0.00	0.13	e0.01	0.23	0.38	0.34
30	0.13	0.11	4.4	0.03	---	0.51	0.28	0.15	0.26	0.22	0.28	0.12
31	0.14	---	0.51	0.09	---	0.16	---	0.14	---	0.20	0.50	---
TOTAL	1.47	38.64	37.62	2.65	279.54	9.98	34.40	13.19	4.77	9.26	47.75	8.28
MEAN	0.05	1.29	1.21	0.09	9.64	0.32	1.15	0.43	0.16	0.30	1.54	0.28
MAX	0.16	35	14	0.67	195	5.3	15	1.4	0.78	1.2	21	1.3
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.09
AC-FT	2.9	77	75	5.3	554	20	68	26	9.5	18	95	16
†	0.00	0.40	1.08	0.16	1.68	0.16	0.92	0.00	0.00	0.00	0.40	0.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2004, BY WATER YEAR (WY)

MEAN	0.15	0.38	0.41	0.69	4.24	0.90	0.89	0.50	0.25	1.96	1.17	1.15
MAX	0.62	2.89	1.79	5.47	16.1	7.21	5.69	4.44	1.09	17.6	5.75	7.79
(WY)	(2001)	(1997)	(1995)	(1995)	(1998)	(1998)	(1997)	(1997)	(1997)	(1999)	(2000)	(1998)
MIN	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00
(WY)	(1992)	(1993)	(1994)	(1994)	(1999)	(1993)	(1992)	(1993)	(1993)	(1993)	(1993)	(1993)

094196497 GOWAN DETENTION BASIN OUTLET NEAR NORTH LAS VEGAS, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1992 - 2004	
ANNUAL TOTAL	240.15		487.55			
ANNUAL MEAN	0.66		1.33		1.12	
HIGHEST ANNUAL MEAN					2.79	1998
LOWEST ANNUAL MEAN					0.04	2002
HIGHEST DAILY MEAN	45	Aug 19	195	Feb 26	290	Jul 9, 1999
LOWEST DAILY MEAN	0.00	Jan 6	0.00	Oct 9	0.00	Oct 1, 1991
ANNUAL SEVEN-DAY MINIMUM	0.00	Mar 31	0.00	Nov 5	0.00	Oct 1, 1991
MAXIMUM PEAK FLOW			569	Feb 26	644	Aug 9, 1997
MAXIMUM PEAK STAGE			11.12	Feb 26	11.55	Jul 8, 1999
ANNUAL RUNOFF (AC-FT)	476		967		811	
10 PERCENT EXCEEDS	0.50		0.88		0.48	
50 PERCENT EXCEEDS	0.02		0.18		0.00	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

e Estimated
† Precipitaiton total, in inches.

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

094196557 LAS VEGAS CREEK AT MEADOWS DETENTION BASIN OUTLET AT LAS VEGAS

LOCATION.--Lat 36°10'30", long 115°10'50" referenced to North American Datum of 1927, in SE ¼ SW ¼ sec. 29, T.20 S., R.61 E., Clark County, Hydrologic Unit 15010015, on right bank upstream of box culvert, 0.1 mi. downstream of Las Vegas Valley Water District reservoir, and 0.4 mi east of intersection of U.S. Highway 95 and Rancho Boulevard.

DRAINAGE AREA.--6.57 mi^2.

PERIOD OF RECORD.--March 1989 to March 2002, February 2003 to current year. Break in record due to rehabilitation project on detention basin. Records prior to October 1993 not published but are available in files of U.S. Geological Survey.

REVISED RECORDS.--WDR NV-99-1: 1996-98 (m).

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 2,100 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to February 2003, at site 500 ft upstream at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 620 ft^3/s, September 9, 2004, gage height, 10.90 ft; maximum gage height, 11.76 ft., June 10, 1990; no flow at times, some years. Maximum daily precipitation, 1.72 inches, February 8, 1993

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 620 ft^3/s, September 9, gage height, 10.90 ft; minimum daily discharge, 0.00 ft^3/s, on many days. Maximum daily precipitation, 1.15 in., December 25.

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	0.44	0.42	e0.12	0.87	0.11	e0.30	0.00	0.00	0.21	0.00	e0.50	0.14
2	0.46	0.39	e0.13	0.32	0.11	e0.30	20	0.00	0.67	0.00	e1.5	0.02
3	0.38	0.43	e0.13	0.15	0.11	e0.30	14	0.00	0.54	0.00	0.38	0.00
4	0.42	0.35	e0.13	0.05	0.13	e0.20	0.53	0.00	0.42	0.00	0.03	0.02
5	0.37	0.18	e0.12	0.05	0.15	e0.20	0.08	0.00	0.29	0.00	0.00	0.02
6	0.43	0.07	e0.11	0.05	0.15	e0.20	0.03	0.00	0.00	0.00	0.00	0.00
7	0.39	0.03	e0.12	0.05	0.15	e0.10	0.03	0.00	0.00	0.00	0.00	0.00
8	0.34	0.00	0.11	0.05	0.15	e0.10	0.04	0.00	0.00	0.00	e0.00	0.00
9	0.37	0.00	e0.10	0.05	0.15	0.00	0.25	0.00	0.00	0.00	e0.00	64
10	0.38	0.03	e0.09	0.05	0.15	0.00	0.00	0.00	0.02	0.00	e0.00	224
11	0.36	0.09	4.4	0.07	0.15	0.00	0.00	0.00	0.04	0.00	0.00	0.01
12	0.35	4.1	2.5	0.07	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.02
13	0.34	1.8	0.99	0.07	0.15	0.00	0.23	0.00	0.00	0.00	0.00	0.00
14	0.41	0.49	0.52	0.07	0.15	0.00	0.03	0.00	0.00	0.00	0.00	0.01
15	0.40	0.31	0.22	0.07	0.15	0.00	0.00	0.00	0.00	0.00	1.6	0.02
16	0.49	1.6	0.14	0.33	0.17	0.00	0.00	0.00	0.00	0.00	3.6	0.02
17	0.42	0.53	0.00	0.34	0.20	0.00	0.00	0.00	0.06	11	0.33	0.01
18	0.45	e0.35	0.03	0.44	0.98	0.00	0.00	0.00	0.08	0.58	0.13	0.00
19	0.43	e0.29	0.03	0.60	2.1	0.00	0.00	0.00	0.00	0.10	0.07	0.00
20	0.47	e0.28	0.03	0.77	2.1	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21	0.39	e0.28	0.03	1.7	13	0.00	0.00	0.00	0.00	0.00	0.00	0.01
22	0.50	e0.26	0.03	1.9	e25	0.00	0.00	0.00	0.00	0.00	0.01	0.00
23	0.42	e0.24	0.03	1.2	e15	0.00	0.00	0.00	0.00	0.00	0.03	0.00
24	0.41	e0.22	0.14	0.11	2.1	0.00	0.00	0.00	0.16	0.00	0.04	0.02
25	0.33	e0.20	0.46	0.11	1.2	0.00	0.00	0.00	0.16	0.00	0.02	0.00
26	0.36	e0.18	7.0	1.8	12	0.00	0.00	0.00	0.00	0.00	0.01	0.01
27	0.47	e0.16	0.94	0.11	2.9	0.00	0.00	0.00	0.00	0.00	0.00	0.01
28	0.49	e0.16	0.54	1.7	e0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.01
29	4.0	e0.13	0.35	1.3	e0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.01
30	1.1	e0.13	9.1	2.2	---	0.00	0.00	0.00	0.00	0.00	0.00	0.01
31	0.68	---	1.8	0.11	---	0.00	---	0.00	---	e0.00	0.09	---
TOTAL	17.25	13.70	30.44	16.76	79.76	1.70	35.22	0.00	2.65	11.68	8.34	288.38
MEAN	0.56	0.46	0.98	0.54	2.75	0.05	1.17	0.00	0.09	0.38	0.27	9.61
MAX	4.0	4.1	9.1	2.2	25	0.30	20	0.00	0.67	11	3.6	224
MIN	0.33	0.00	0.00	0.05	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	34	27	60	33	158	3.4	70	0.00	5.3	23	17	572
†	0.00	1.57	2.11	0.00	2.24	0.20	1.48	0.00	0.04	0.12	0.48	0.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2004, BY WATER YEAR (WY)

MEAN	0.50	0.53	0.53	0.72	1.24	0.79	0.65	0.83	0.84	1.11	0.85	1.44
MAX	1.35	1.43	2.01	4.46	3.64	2.15	1.79	3.16	2.63	6.17	2.97	9.61
(WY)	(1994)	(1997)	(1995)	(1995)	(2001)	(1992)	(1996)	(1997)	(1997)	(1999)	(1997)	(2004)
MIN	0.08	0.07	0.11	0.10	0.10	0.05	0.20	0.00	0.09	0.14	0.27	0.21
(WY)	(1996)	(2001)	(2001)	(1994)	(1996)	(2004)	(1992)	(2004)	(2004)	(1992)	(2004)	(2000)

094196557 LAS VEGAS CREEK AT MEADOWS DETENTION BASIN OUTLET AT LAS VEGAS—Continued

SUMMARY STATISTICS	FOR 2004 WATER YEAR		WATER YEARS 1989 - 2004	
ANNUAL TOTAL	505.88			
ANNUAL MEAN	1.38		0.87	
HIGHEST ANNUAL MEAN			1.41	1997
LOWEST ANNUAL MEAN			0.38	1991
HIGHEST DAILY MEAN	224	Sep 10	224	Sep 10, 2004
LOWEST DAILY MEAN	0.00	Nov 8	0.00	Nov 8, 2003
ANNUAL SEVEN-DAY MINIMUM	0.00	Mar 9	0.00	Mar 9, 2004
MAXIMUM PEAK FLOW	620	Sep 9	620	Sep 9, 2004
MAXIMUM PEAK STAGE	10.90	Sep 9	11.76	Jun 10, 1990
ANNUAL RUNOFF (AC-FT)	1,000		634	
10 PERCENT EXCEEDS	0.95		1.4	
50 PERCENT EXCEEDS	0.03		0.30	
90 PERCENT EXCEEDS	0.00		0.08	

e Estimated
† Precipitaiton total, in inches.

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

09419658 LAS VEGAS WASH NEAR SAHARA AVENUE NEAR LAS VEGAS, NV

LOCATION.--Lat 36°08'47", long 115°03'07" referenced to North American Datum of 1927, in SW ¼ SE ¼ sec. 04, T.21 S., R.62 E., Clark County, Hydrologic Unit 15010015, on south side of golf cart bridge, 1,200 ft south at Sahara Avenue and 0.5 mi east of Nellis Boulevard.

DRAINAGE AREA.--1,146 mi^2.

PERIOD OF RECORD.--March 1988 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.01 inch increment. Elevation of gage is 1,715 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to October 14, 1994, at site 1,200 ft upstream at same datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,100 ft^3/s, July 8, 1999, gage height, 13.69 ft; no flow many days, some years. Maximum daily precipitation, 1.56 inches, June 10, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,080 ft^3/s, February 22, gage height, 12.19 ft; minimum daily discharge, 0.94 ft^3/s, March 23. Maximum daily precipitation, 0.62 in., April 2.

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	4.0	e3.3	4.4	7.4	5.1	3.7	4.0	2.3	3.7	2.2	2.7	3.1
2	4.1	e3.2	4.4	9.1	4.8	28	470	2.6	6.9	2.2	8.8	3.1
3	4.0	e3.1	4.4	9.1	11	3.8	282	4.2	3.9	2.2	5.9	3.1
4	5.0	e3.6	4.4	9.1	6.7	3.7	8.7	e3.4	1.8	2.2	2.7	3.1
5	3.5	3.7	4.4	9.1	4.8	3.6	4.1	e2.9	3.1	2.2	2.7	3.1
6	3.2	3.7	4.4	9.1	4.8	3.5	2.5	e2.4	2.8	2.2	2.7	3.1
7	3.7	3.7	4.4	8.8	4.8	3.5	2.0	2.3	1.8	2.3	2.7	3.6
8	2.0	3.7	4.4	7.9	4.8	3.4	3.5	2.9	1.9	2.3	2.7	3.7
9	3.3	3.9	4.4	5.0	4.9	3.3	9.1	3.6	1.8	2.3	2.7	40
10	3.4	3.9	4.4	4.6	7.0	2.6	1.7	3.9	1.9	2.6	2.7	9.9
11	2.0	3.9	150	4.6	8.5	1.4	0.95	4.1	1.9	2.7	2.8	3.2
12	1.9	144	30	4.6	5.0	1.4	1.7	2.8	1.9	2.5	8.0	3.2
13	2.0	53	8.3	4.8	5.0	1.4	2.2	4.1	1.9	2.4	88	3.2
14	2.1	15	14	4.8	5.0	1.4	2.9	4.7	1.9	2.3	3.0	3.2
15	2.2	15	9.7	4.8	5.0	1.4	3.8	5.6	1.9	2.3	73	3.2
16	2.3	26	8.3	4.8	5.0	1.3	4.8	4.5	3.9	5.0	290	3.2
17	2.3	13	8.3	4.8	5.0	1.3	6.5	1.9	6.6	22	119	3.2
18	2.3	12	8.3	4.8	5.0	1.2	7.8	3.4	3.9	21	6.8	3.2
19	2.3	11	8.3	4.8	5.0	1.2	9.4	3.3	2.0	5.8	3.4	3.1
20	2.4	9.1	7.6	5.4	6.0	1.1	10	1.5	2.0	2.5	3.2	3.1
21	2.3	5.6	5.1	7.3	223	1.0	9.6	1.7	2.0	2.5	10	3.1
22	2.2	5.2	4.6	7.2	680	0.99	5.8	1.6	2.0	2.5	4.3	5.1
23	2.2	5.6	4.6	6.9	781	0.94	1.7	1.5	2.0	2.5	5.9	4.9
24	2.2	4.2	9.6	6.1	14	1.1	1.6	1.5	2.0	2.5	4.9	3.2
25	2.2	4.2	281	4.8	5.6	2.8	1.6	1.5	2.2	2.5	3.2	3.2
26	2.2	4.2	177	6.0	64	2.8	1.8	1.5	2.2	2.5	3.2	3.2
27	2.3	4.2	9.1	6.6	4.0	2.8	1.7	2.1	2.1	2.5	3.2	3.2
28	2.3	4.2	9.0	8.6	3.9	2.9	1.3	1.7	2.2	2.5	3.2	4.0
29	5.0	4.4	7.4	8.1	3.8	2.8	1.6	1.7	2.2	2.5	3.2	3.2
30	e3.2	4.4	149	7.0	---	3.1	1.8	1.7	2.2	2.6	3.2	3.2
31	e3.5	---	10	8.4	---	3.4	---	1.8	---	2.6	3.2	---
TOTAL	87.6	384.0	963.2	204.4	1,892.5	96.83	866.15	84.7	78.6	118.9	681.0	143.9
MEAN	2.83	12.8	31.1	6.59	65.3	3.12	28.9	2.73	2.62	3.84	22.0	4.80
MAX	5.0	144	281	9.1	781	28	470	5.6	6.9	22	290	40
MIN	1.9	3.1	4.4	4.6	3.8	0.94	0.95	1.5	1.8	2.2	2.7	3.1
AC-FT	174	762	1,910	405	3,750	192	1,720	168	156	236	1,350	285
†	0.00	0.54	0.82	0.03	1.13	0.07	0.92	0.00	0.00	0.24	0.01	0.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2004, BY WATER YEAR (WY)

MEAN	3.29	3.98	5.57	7.71	21.1	7.57	5.64	3.46	3.65	6.92	8.41	6.92
MAX	13.0	12.8	31.1	50.0	65.3	44.0	28.9	6.16	12.9	59.0	24.2	41.9
(WY)	(1993)	(2004)	(2004)	(1995)	(2004)	(1992)	(2004)	(1989)	(1990)	(1999)	(2003)	(1997)
MIN	0.73	0.18	0.02	0.00	0.77	0.94	0.85	1.33	0.74	0.74	1.01	0.96
(WY)	(1990)	(1996)	(1996)	(1991)	(1996)	(1990)	(1996)	(1990)	(1989)	(1989)	(1992)	(1992)

09419658 LAS VEGAS WASH NEAR SAHARA AVENUE NEAR LAS VEGAS, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1988 - 2004	
ANNUAL TOTAL	4,536.2		5,601.78			
ANNUAL MEAN	12.4		15.3		7.06	
HIGHEST ANNUAL MEAN					15.3	2004
LOWEST ANNUAL MEAN					1.44	1996
HIGHEST DAILY MEAN	362	Feb 26	781	Feb 23	948	Jul 8, 1999
LOWEST DAILY MEAN	1.4	Sep 15	0.94	Mar 23	0.00	Dec 21, 1990
ANNUAL SEVEN-DAY MINIMUM	1.7	Feb 4	1.1	Mar 18	0.00	Dec 21, 1990
MAXIMUM PEAK FLOW			3,080	Feb 22	8,100	Jul 8, 1999
MAXIMUM PEAK STAGE			12.19	Feb 22	16.27	Jun 10, 1990
ANNUAL RUNOFF (AC-FT)	9,000		11,110		5,110	
10 PERCENT EXCEEDS	9.8		9.6		6.4	
50 PERCENT EXCEEDS	4.2		3.5		2.1	
90 PERCENT EXCEEDS	2.1		1.8		0.72	

e Estimated
† Precipitaiton total, in inches

09419659 SLOAN CHANNEL TRIBUTARY AT LAS VEGAS BOULEVARD NEAR NORTH LAS VEGAS

LOCATION (REVISED).--Lat 36°13'43.11", long 115°04'27.41" referenced to North American Datum of 1983, in SE ¼ NW ¼ sec. 08, T.20 S., R.62 E., Clark County, Hydrologic Unit 15010015, on downstream side of concrete box culvert on Las Vegas Boulevard, 0.25 mi east of Lamb Boulevard, and 3.2 mi northeast of North Las Vegas.

DRAINAGE AREA.--17.51 mi^2.

PERIOD OF RECORD.--January 1988 to current year.

REVISED RECORDS.--WDR NV-98-1: 1994(M).

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 1,850.03 ft above National American Vertical Datum of 1988.

REMARKS.--Records good. See schematic diagram of Lower Colorado River Basins. Records prior to 1994 water year were not published but are available in files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 920 ft^3/s, September 11, 1998, gage height, 15.34 ft; no flow most days, most years. Maximum daily precipitation, 1.92 inches, September 11, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 31 ft^3/s, August 12, gage height, 10.56 ft; minimum daily discharge, 0.00 ft^3/s, on many days. Maximum daily precipitation, 0.84 in., April 2.

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	2.2	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	1.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	1.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0.00	0.00	1.30	0.00	1.71	0.00	2.55	0.00	0.00	0.00	0.66	0.00
MEAN	0.00	0.00	0.04	0.00	0.06	0.00	0.09	0.00	0.00	0.00	0.02	0.00
MAX	0.00	0.00	1.3	0.00	1.5	0.00	2.2	0.00	0.00	0.00	0.66	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	2.6	0.00	3.4	0.00	5.1	0.00	0.00	0.00	1.3	0.00
†	0.00	0.48	0.88	0.04	1.64	0.08	1.16	0.00	0.20	0.00	0.44	0.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2004, BY WATER YEAR (WY)

MEAN	0.01	0.00	0.02	0.02	0.18	0.13	0.01	0.01	0.01	0.08	0.09	0.15
MAX	0.10	0.01	0.23	0.14	0.80	1.30	0.09	0.19	0.11	1.05	0.67	2.22
(WY)	(1993)	(1997)	(1992)	(1995)	(1998)	(1992)	(2004)	(1989)	(1990)	(1999)	(1997)	(1998)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1989)	(1989)	(1989)	(1989)	(1988)	(1988)	(1988)	(1988)	(1988)	(1988)	(1988)	(1988)

09419659 SLOAN CHANNEL TRIBUTARY AT LAS VEGAS BOULEVARD NEAR NORTH LAS VEGAS—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1988 - 2004	
ANNUAL TOTAL	10.12		6.22			
ANNUAL MEAN	0.03		0.02		0.06	
HIGHEST ANNUAL MEAN					0.26	1998
LOWEST ANNUAL MEAN					0.00	1996
HIGHEST DAILY MEAN	4.7	Feb 28	2.2	Apr 2	65	Sep 11, 1998
LOWEST DAILY MEAN	0.00	Jan 1	0.00	Oct 1	0.00	Jan 26, 1988
ANNUAL SEVEN-DAY MINIMUM	0.00	Jan 1	0.00	Oct 1	0.00	Jan 26, 1988
MAXIMUM PEAK FLOW			31	Aug 12	920	Sep 11, 1998
MAXIMUM PEAK STAGE			10.56	Aug 12	15.34	Sep 11, 1998
ANNUAL RUNOFF (AC-FT)	20		12		44	
10 PERCENT EXCEEDS	0.00		0.00		0.00	
50 PERCENT EXCEEDS	0.00		0.00		0.00	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

† Precipitaiton total, in inches.

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

09419665 SLOAN CHANNEL AT CHARLESTON BOULEVARD NEAR LAS VEGAS, NV

LOCATION.--Lat 36°09'35", long 115°02'40" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec. 33, T.20 S., R.62 E., Clark County, Hydrologic Unit 15010015, on upstream side of box culvert on Charleston Boulevard, and 1.0 mi east of Nellis Boulevard.

DRAINAGE AREA.--144 mi^2.

PERIOD OF RECORD.--October 1988 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 1,730 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair above 10 ft^3/s, and poor below. Prior to May 24, 2001 flows below 50 ft^3/s not recorded by gage. After May 24, 2001 all flows recorded by gage. Estimated daily discharges during periods of base flow are only an indication of some small amount of flow at site. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,860 ft^3/s, September 9, 2004, gage height, 11.68 ft; no flow at times, most years. Maximum daily precipitation, 1.72 in, February 8, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,860 ft^3/s, September 9, gage height, 11.68 ft; minimum daily discharge, 0.02 ft^3/s, December 8, 9. Maximum daily precipitation, 0.84 in, April 2.

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	0.15	1.8	0.11	0.12	0.06	0.06	14	0.22	0.20	0.34	0.25	0.33
2	0.14	0.67	0.19	0.07	0.06	1.7	55	0.21	0.21	0.33	0.25	0.42
3	0.12	1.9	0.16	0.06	0.84	0.04	19	0.24	0.20	0.37	0.26	0.33
4	0.12	1.7	0.15	0.06	0.07	0.04	0.21	0.27	0.19	0.39	0.29	0.39
5	0.12	1.2	0.11	0.06	0.05	0.05	0.18	0.23	0.20	0.42	0.29	0.36
6	0.12	0.54	0.11	0.07	0.06	0.05	0.17	0.21	0.20	0.42	0.30	0.35
7	0.12	0.51	0.05	0.08	0.06	0.04	0.14	0.18	0.22	0.45	0.28	0.32
8	0.11	0.46	0.02	0.07	0.06	0.04	0.20	0.20	0.23	0.39	0.30	0.46
9	0.12	0.64	0.02	0.13	0.07	0.04	0.10	0.21	0.32	0.39	0.30	60
10	0.11	0.49	0.04	0.21	0.11	0.04	0.12	0.25	0.34	0.48	0.31	0.20
11	0.12	0.47	8.1	0.20	0.10	0.03	0.17	0.24	0.30	0.44	0.33	0.16
12	0.12	15	0.22	0.20	0.09	0.04	0.18	0.18	0.31	0.34	1.2	0.17
13	0.11	0.49	0.13	0.62	0.11	0.05	0.18	0.17	0.33	0.34	6.9	0.17
14	0.12	0.14	3.6	0.06	0.11	0.04	0.19	0.17	0.39	0.34	0.14	0.18
15	0.25	0.14	0.09	0.06	0.11	0.04	0.20	0.15	0.28	0.32	0.14	0.19
16	0.39	0.32	0.16	0.05	0.11	0.05	0.20	0.16	0.20	0.20	0.14	0.23
17	0.38	0.16	0.16	0.10	0.11	0.05	0.24	0.19	0.62	0.78	0.15	0.23
18	0.41	0.17	0.17	0.08	0.12	0.05	0.23	0.63	0.16	0.08	0.18	0.27
19	0.39	0.15	0.18	0.09	0.11	0.06	0.23	0.11	0.20	0.12	0.22	0.36
20	0.31	0.16	0.18	0.10	0.29	0.12	0.19	0.12	0.21	0.16	0.58	0.43
21	0.26	0.17	0.16	0.09	1.3	0.11	0.17	0.15	0.25	0.20	0.15	0.43
22	0.19	0.18	0.18	0.10	45	0.12	0.23	0.15	0.28	0.20	0.24	0.38
23	0.14	0.17	0.17	0.11	58	0.16	0.25	0.15	0.30	0.20	0.26	0.39
24	0.11	0.16	0.12	0.10	0.09	0.18	0.27	0.15	0.33	0.21	0.21	0.41
25	0.15	0.17	15	0.12	0.07	0.21	0.26	0.14	0.32	0.21	0.26	0.43
26	0.18	0.17	11	0.12	18	0.28	0.26	0.15	0.26	0.21	0.32	0.48
27	0.15	0.20	0.06	0.11	0.09	0.24	0.29	0.19	0.29	0.26	0.27	0.52
28	0.14	0.13	0.05	0.11	0.06	1.5	0.33	0.20	0.29	0.21	0.32	0.56
29	0.66	0.11	0.06	0.13	0.06	2.1	0.26	0.17	0.33	0.24	0.32	0.56
30	1.7	0.10	3.7	0.11	---	1.3	0.22	0.21	0.35	0.28	0.32	0.62
31	1.6	---	0.04	0.28	---	1.2	---	0.18	---	0.24	0.32	---
TOTAL	9.11	28.67	44.49	3.87	125.37	10.03	93.67	6.18	8.31	9.56	15.80	70.33
MEAN	0.29	0.96	1.44	0.12	4.32	0.32	3.12	0.20	0.28	0.31	0.51	2.34
MAX	1.7	15	15	0.62	58	2.1	55	0.63	0.62	0.78	6.9	60
MIN	0.11	0.10	0.02	0.05	0.05	0.03	0.10	0.11	0.16	0.08	0.14	0.16
AC-FT	18	57	88	7.7	249	20	186	12	16	19	31	139
†	0.00	0.64	0.76	0.04	1.56	0.04	1.28	0.00	0.00	0.08	0.00	0.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2004, BY WATER YEAR (WY)

MEAN	0.29	0.22	0.18	0.25	1.72	0.33	0.28	0.09	0.25	0.52	0.51	0.68
MAX	2.39	1.15	1.44	1.97	5.31	2.73	3.12	0.42	1.43	2.43	2.58	7.59
(WY)	(1993)	(1992)	(2004)	(1992)	(2003)	(1992)	(2004)	(2003)	(1990)	(1998)	(1997)	(1998)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1989)	(1989)	(1989)	(1990)	(1989)	(1988)	(1988)	(1988)	(1988)	(1988)	(1990)	(1988)

09419665 SLOAN CHANNEL AT CHARLESTON BOULEVARD NEAR LAS VEGAS, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1988 - 2004	
ANNUAL TOTAL	393.90		425.39			
ANNUAL MEAN	1.08		1.16		0.45	
HIGHEST ANNUAL MEAN					1.46	1998
LOWEST ANNUAL MEAN					0.00	1996
HIGHEST DAILY MEAN	58	Feb 28	60	Sep 9	208	Sep 11, 1998
LOWEST DAILY MEAN	0.02	Dec 8	0.02	Dec 8	0.00	Mar 1, 1988
ANNUAL SEVEN-DAY MINIMUM	0.05	Jul 22	0.04	Mar 6	0.00	Mar 1, 1988
MAXIMUM PEAK FLOW			1,860	Sep 9	1,860	Sep 9, 2004
MAXIMUM PEAK STAGE			11.68	Sep 9	11.72	Aug 9, 1997
ANNUAL RUNOFF (AC-FT)	781		844		324	
10 PERCENT EXCEEDS	1.0		0.59		0.29	
50 PERCENT EXCEEDS	0.25		0.20		0.00	
90 PERCENT EXCEEDS	0.05		0.06		0.00	

† Precipitaiton total, in inches.

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

09419674 FLAMINGO WASH AT DECATUR BOULEVARD AT LAS VEGAS, NV

LOCATION.--Lat 36°06'10", long 115°12'25" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec. 24, T.21 S., R.60 E., Clark County, Hydrologic Unit 15010015, on upstream middle concrete box culvert on Decatur Boulevard, and 0.1 mi north of Tropicana Avenue.

DRAINAGE AREA.--100.57 mi^2.

PERIOD OF RECORD.--November 1965 to September 1989, operated as miscellaneous partial record site and published as "09419675 Flamingo Wash at Las Vegas, NV". October 1989 to current year. Records prior to February 1992 not published but are available in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 2,233.40 ft above National American Vertical Datum of 1988.

REMARKS.--No estimated daily discharges. Records good. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,760 ft^3/s, August 10, 1983, gage height, 21.76 ft; no flow most of time. Maximum daily precipitation, 1.52 inches, February 8, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 135 ft^3/s, November 12, gage height, 10.72 ft; minimum daily discharge, 0.00 ft^3/s, on many days. Maximum daily precipitation, 0.92 in., February 22.

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	8.0	20	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	9.0	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.3	0.00
13	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	1.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.5	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	4.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	7.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	3.6	0.00	9.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	2.2	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0.00	13.76	24.53	0.00	47.40	8.00	29.00	0.00	0.00	4.50	8.41	0.30
MEAN	0.00	0.46	0.79	0.00	1.63	0.26	0.97	0.00	0.00	0.15	0.27	0.01
MAX	0.00	12	11	0.00	21	8.0	20	0.00	0.00	4.5	7.0	0.30
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	27	49	0.00	94	16	58	0.00	0.00	8.9	17	0.6
†	0.00	0.55	1.37	0.00	1.77	0.23	0.93	0.00	0.04	0.13	0.55	0.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2004, BY WATER YEAR (WY)

MEAN	0.16	0.25	0.30	0.66	2.40	0.83	0.25	0.02	0.05	1.20	0.49	0.78
MAX	0.77	2.02	1.61	5.33	7.74	7.90	2.13	0.23	0.27	11.8	1.97	6.49
(WY)	(2001)	(1997)	(1995)	(1995)	(1993)	(1992)	(1999)	(1992)	(1999)	(1999)	(1997)	(1997)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1994)	(1993)	(1994)	(1994)	(1995)	(1993)	(1992)	(1993)	(1993)	(1992)	(1992)	(1992)

09419674 FLAMINGO WASH AT DECATUR BOULEVARD AT LAS VEGAS, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1992 - 2004	
ANNUAL TOTAL	229.88		135.90			
ANNUAL MEAN	0.63		0.37		0.57	
HIGHEST ANNUAL MEAN					1.29	1999
LOWEST ANNUAL MEAN					0.07	1996
HIGHEST DAILY MEAN	106	Feb 13	21	Feb 22	331	Jul 8, 1999
LOWEST DAILY MEAN	0.00	Jan 1	0.00	Oct 1	0.00	Feb 1, 1992
ANNUAL SEVEN-DAY MINIMUM	0.00	Jan 1	0.00	Oct 1	0.00	Feb 20, 1992
MAXIMUM PEAK FLOW			135	Nov 12	4,760	Aug 10, 1983
MAXIMUM PEAK STAGE			10.72	Nov 12	21.76	Aug 10, 1983
ANNUAL RUNOFF (AC-FT)	456		270		410	
10 PERCENT EXCEEDS	0.00		0.00		0.00	
50 PERCENT EXCEEDS	0.00		0.00		0.00	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

† Precipitaiton total, in inches.

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

094196781 FLAMINGO WASH AT NELLIS BOULEVARD NEAR LAS VEGAS, NV

LOCATION.--Lat 36°08'35", long 115°03'53" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec. 08, T.21 S., R.62 E., Clark County, Hydrologic Unit 15010015, on west side of concrete box culvert on Nellis Boulevard, and 0.25 mi north of Sahara Avenue.

DRAINAGE AREA.--215 mi^2.

PERIOD OF RECORD.--March 1988 to current year. Water year 1988-89 not published but are available in files of the U.S. Geological Survey. Computations of 1988 water year did not include daily base flow.

REVISIONS.--WDR NV-96-1: 1995.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 1,730 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,600 ft^3/s, July 8, 1999, gage height, 15.43 ft, on basis of slope-area measurement of peak flow; maximum gage height, 15.90 ft, June 10, 1990; minimum daily, 1.3 ft^3/s, April 4, 2004. Maximum daily precipitation, 1.52 inches, June 10, 1990 and February 8, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,770 ft^3/s, August 16, gage height, 13.20 ft; minimum daily discharge, 1.3 ft^3/s, April 4. Maximum daily precipitation, 0.65 in, April 2.

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	6.4	3.9	5.4	4.5	3.9	9.3	3.9	12	e7.1	8.3	5.3	7.2
2	6.3	3.8	7.1	4.3	3.9	36	8.1	11	e7.8	7.1	e9.7	6.9
3	6.3	e4.2	7.6	4.3	4.2	8.9	2.5	11	e7.4	5.8	e6.4	6.0
4	6.2	e5.2	6.9	4.3	4.0	8.3	1.3	9.6	e7.3	5.0	4.5	6.0
5	6.1	e4.6	6.2	4.4	3.9	8.1	6.0	9.2	e7.5	4.6	e4.2	6.0
6	5.8	e4.5	5.5	4.4	3.9	8.1	8.2	9.6	e7.4	4.3	4.6	6.2
7	6.0	4.1	5.1	4.1	3.9	8.3	6.3	16	e7.2	4.6	4.8	6.3
8	6.1	4.7	5.2	3.8	3.9	8.3	5.2	14	e7.3	3.9	5.0	7.2
9	5.9	5.9	5.5	3.7	4.0	8.0	4.2	12	e7.5	3.8	11	11
10	6.0	8.8	5.7	3.3	3.9	7.3	4.2	12	e7.7	3.7	14	4.6
11	6.3	13	81	3.2	3.9	7.2	4.0	12	e7.7	3.6	10	4.4
12	6.5	97	16	3.7	3.9	7.2	6.0	12	e7.7	3.5	61	4.3
13	6.8	158	13	4.0	3.9	6.7	e7.8	e10	e7.6	3.4	12	4.3
14	6.5	5.9	13	4.2	3.8	6.3	e7.9	e8.9	e7.7	3.3	3.3	4.3
15	5.7	5.9	12	3.9	3.8	5.9	e8.0	e8.5	e7.7	e3.3	3.4	4.5
16	5.0	14	12	3.9	3.8	6.2	e8.3	e8.5	e8.3	e4.8	160	4.5
17	4.7	7.5	12	3.9	3.8	6.4	e8.8	e8.6	e8.8	e17	7.1	4.5
18	4.5	5.8	12	3.9	3.8	e6.7	e8.9	e8.4	e7.9	e15	3.5	4.5
19	4.4	5.1	12	3.9	3.8	e6.6	e9.3	e8.5	e7.7	e6.3	3.6	4.5
20	4.4	5.2	13	3.9	4.0	e6.6	e9.7	e9.0	e7.6	5.9	3.5	4.5
21	4.1	5.2	13	3.9	16	e7.1	e9.8	e8.6	e7.6	e5.3	3.5	4.7
22	3.9	4.7	11	3.9	21	e7.4	e9.9	e7.3	e7.9	e5.3	3.5	4.8
23	3.8	4.7	11	3.9	25	e7.4	e10	e7.7	e7.9	e5.6	6.8	4.9
24	3.6	5.2	12	3.9	41	e7.3	e10	e7.8	7.6	e5.2	4.8	5.1
25	3.5	5.1	62	3.8	22	e7.8	e10	e8.4	7.7	4.5	5.1	5.5
26	3.5	5.0	15	3.9	64	e7.7	e11	e7.6	8.2	e5.1	5.1	5.8
27	3.5	4.9	5.3	3.9	11	e6.9	e11	e6.4	8.3	e5.4	5.4	6.3
28	3.4	4.9	5.2	3.9	9.1	e5.5	13	e5.4	8.0	e5.0	5.7	7.0
29	3.4	4.9	5.2	3.9	9.0	e4.9	12	e5.1	8.1	e4.8	6.1	7.0
30	3.3	5.0	14	3.9	---	4.1	12	e4.9	8.2	e4.6	6.8	7.4
31	3.4	---	5.2	3.9	---	3.9	---	e4.7	---	e4.9	7.3	---
TOTAL	155.3	416.7	415.1	122.4	296.1	246.4	237.3	284.7	232.4	172.9	397.0	170.2
MEAN	5.01	13.9	13.4	3.95	10.2	7.95	7.91	9.18	7.75	5.58	12.8	5.67
MAX	6.8	158	81	4.5	64	36	13	16	8.8	17	160	11
MIN	3.3	3.8	5.1	3.2	3.8	3.9	1.3	4.7	7.1	3.3	3.3	4.3
AC-FT	308	827	823	243	587	489	471	565	461	343	787	338
†	0.00	0.52	0.75	0.05	1.19	0.08	1.09	0.00	0.00	0.28	0.00	0.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2004, BY WATER YEAR (WY)

MEAN	8.02	8.28	8.84	9.48	13.8	9.95	7.38	6.79	6.82	12.0	9.36	9.71
MAX	15.2	13.9	21.1	40.1	35.9	38.7	15.1	9.92	12.7	56.2	22.3	29.4
(WY)	(2001)	(2004)	(1995)	(1995)	(1998)	(1992)	(2003)	(2003)	(1990)	(1999)	(2003)	(1997)
MIN	3.56	4.58	4.30	3.90	3.43	3.86	3.86	3.64	4.41	5.58	4.55	5.67
(WY)	(1992)	(1990)	(1991)	(1999)	(1999)	(1990)	(1991)	(1990)	(1994)	(2004)	(1998)	(2004)

094196781 FLAMINGO WASH AT NELLIS BOULEVARD NEAR LAS VEGAS, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1989 - 2004	
ANNUAL TOTAL	4,584.1		3,146.5			
ANNUAL MEAN	12.6		8.60		9.18	
HIGHEST ANNUAL MEAN					12.7	2003
LOWEST ANNUAL MEAN					5.57	1991
HIGHEST DAILY MEAN	318	Aug 19	160	Aug 16	613	Jul 8, 1999
LOWEST DAILY MEAN	3.3	Oct 30	1.3	Apr 4	1.3	Apr 4, 2004
ANNUAL SEVEN-DAY MINIMUM	3.4	Oct 25	3.4	Oct 25	1.8	Oct 31, 1991
MAXIMUM PEAK FLOW			1,770	Aug 16	5,600	Jul 8, 1999
MAXIMUM PEAK STAGE			13.20	Aug 16	15.90	Jun 10, 1990
ANNUAL RUNOFF (AC-FT)	9,090		6,240		6,650	
10 PERCENT EXCEEDS	14		12		10	
50 PERCENT EXCEEDS	8.3		6.0		6.6	
90 PERCENT EXCEEDS	5.2		3.8		3.9	

e Estimated
† Precipitaiton total, in inches.

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV

LOCATION.--Lat 36°08'23", long 115°02'49" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec. 09, T.21 S., R.62 E., Clark County, Hydrologic Unit 15010015, about 300 ft downstream from Flamingo Wash Confluence, 0.2 mi north of Vegas Valley Drive, and 0.3 mi south of Sahara Ave.

DRAINAGE AREA.--1,352 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1996 to current year.

GAGE.--Water stage recorder. Elevation of gage is 1,710 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,000 ft^3/s, July 8, 1999, gage height, 31.00 ft; minimum daily, 4.7 ft^3/s, May 5, 1997. Maximum daily precipitation. 0.34 inches, February 12, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,120 ft^3/s, December 25, gage height, 22.72 ft; minimum daily discharge, 5.6 ft^3/s, May 30. Maximum daily precipitation, 0.26 in., June 13.

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	8.4	10	8.4	13	10	e8.9	8.6	18	6.9	7.9	7.2	8.3
2	8.3	9.9	8.1	11	10	e130	500	18	9.3	8.1	13	8.2
3	8.5	9.6	8.2	11	23	e14	284	16	8.0	8.2	9.2	8.6
4	9.4	11	8.2	10	13	e10	15	16	7.5	8.2	7.0	8.7
5	8.5	11	8.2	10	11	e9.5	8.7	14	8.3	8.4	6.7	8.6
6	8.9	10	8.1	12	11	e9.0	7.8	15	8.0	9.1	6.7	8.6
7	8.8	11	8.2	11	11	e9.3	7.9	13	7.3	11	6.8	9.5
8	8.2	11	8.3	11	10	e9.7	11	13	7.7	9.2	6.9	9.6
9	8.3	12	8.1	11	10	e10	18	12	8.1	9.6	7.1	79
10	8.2	12	8.3	10	11	e10	7.7	12	9.0	8.9	6.8	17
11	7.7	11	235	10	11	e9.9	7.9	13	9.1	8.7	6.7	9.3
12	7.9	272	42	10	10	e9.9	8.0	12	9.0	8.5	63	9.0
13	8.0	70	10	10	10	e9.3	8.6	12	8.6	8.5	99	8.9
14	8.5	11	18	10	10	e9.3	9.0	11	9.1	8.6	6.9	9.1
15	8.7	9.5	13	11	10	e8.7	9.4	11	9.1	8.5	34	9.3
16	8.6	42	9.1	11	10	e8.2	11	11	11	9.7	292	9.4
17	8.8	11	9.1	10	11	e8.4	12	11	13	29	68	8.9
18	8.8	8.9	9.3	11	11	e8.3	13	10	9.6	28	9.1	8.1
19	8.8	8.5	9.3	11	11	e8.3	15	10	8.9	9.7	7.6	7.6
20	8.8	8.7	10	11	13	e8.5	15	11	8.7	8.9	7.9	7.5
21	8.7	8.4	9.0	11	e135	e9.0	16	9.9	8.7	8.5	10	7.4
22	9.1	7.8	8.9	11	e527	e9.7	17	9.1	9.8	8.5	7.2	7.5
23	9.0	7.8	9.4	11	e647	e9.6	17	9.5	9.8	7.7	6.9	7.0
24	8.8	8.0	15	11	e42	e9.5	18	9.1	9.2	6.8	7.2	7.0
25	9.3	8.8	364	11	e21	e9.7	18	9.7	7.8	6.9	7.6	7.1
26	9.2	8.0	205	11	e340	9.4	19	9.9	7.6	7.0	7.7	6.6
27	9.3	7.8	14	11	e21	9.6	20	8.1	7.9	7.0	7.8	6.5
28	9.6	8.1	12	13	e9.6	8.8	20	6.2	7.6	6.8	7.8	7.3
29	11	7.8	11	12	e8.8	8.8	19	5.8	7.7	6.8	8.3	6.4
30	9.9	7.8	170	12	---	8.8	19	5.6	7.8	6.6	8.3	6.2
31	11	---	20	13	---	8.7	---	5.9	---	6.8	8.4	---
TOTAL	275.0	640.4	1,285.2	342	1,978.4	410.8	1,160.6	347.8	260.1	296.1	758.8	322.2
MEAN	8.87	21.3	41.5	11.0	68.2	13.3	38.7	11.2	8.67	9.55	24.5	10.7
MAX	11	272	364	13	647	130	500	18	13	29	292	79
MIN	7.7	7.8	8.1	10	8.8	8.2	7.7	5.6	6.9	6.6	6.7	6.2
AC-FT	545	1,270	2,550	678	3,920	815	2,300	690	516	587	1,510	639
†	0.00	0.29	0.41	0.02	0.27	0.04	0.27	0.22	0.33	0.20	0.14	0.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2004, BY WATER YEAR (WY)

MEAN	12.5	14.4	14.4	11.9	51.9	15.9	16.3	9.87	10.4	27.8	23.4	25.9
MAX	23.9	30.0	41.5	25.3	116	37.5	38.7	11.2	12.3	111	43.3	73.0
(WY)	(2001)	(1997)	(2004)	(2001)	(1998)	(1998)	(2004)	(2004)	(2000)	(1999)	(2003)	(1997)
MIN	8.87	9.85	5.94	7.18	7.60	8.00	7.68	6.33	8.27	9.55	9.62	9.48
(WY)	(2004)	(1999)	(1998)	(1998)	(1997)	(1997)	(1997)	(1997)	(1997)	(2004)	(2002)	(2002)

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1997 - 2004	
ANNUAL TOTAL	8,501.2		8,077.4			
ANNUAL MEAN	23.3		22.1		19.5	
HIGHEST ANNUAL MEAN					27.2	1998
LOWEST ANNUAL MEAN					10.6	2002
HIGHEST DAILY MEAN	565	Feb 26	647	Feb 23	1,560	Jul 8, 1999
LOWEST DAILY MEAN	6.4	Jul 13	5.6	May 30	4.7	May 5, 1997
ANNUAL SEVEN-DAY MINIMUM	6.8	Jul 9	6.7	Sep 24	4.9	Dec 23, 1997
MAXIMUM PEAK FLOW			3,120	Dec 25	11,000	Jul 8, 1999
MAXIMUM PEAK STAGE			22.72	Dec 25	31.00	Jul 8, 1999
ANNUAL RUNOFF (AC-FT)	16,860		16,020		14,130	
10 PERCENT EXCEEDS	18		18		15	
50 PERCENT EXCEEDS	10		9.3		10	
90 PERCENT EXCEEDS	8.1		7.5		8.1	

e Estimated

† Precipitaiton total, in inches.

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV—Continued

PERIOD OF RECORD.--April 1993 to current year.

REMARKS.--In January 1997 an automatic sampler was re-installed and used to collect water-quality data as part of the National Pollution Discharge Elimination System (NPDES) monitoring network.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Sample type	Instantaneous discharge, cfs (00061)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	[a]2,4,5-T surrog, water, fltrd, percent recovry (99958)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Diethylaniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)
NOV 2003												
12...	1900	Environmental	1,060	8.0	408	--	--	--	--	<.006	<.006	--
FEB 2004												
21...	0711	Environmental	--	--	--	.0	<.009	<.02	<.02	<.006	<.006	<.04
21...	1110	Environmental	270	7.2	1,000	--	--	--	--	--	--	--
AUG												
16...	2000	Environmental	785	6.6	680	E.0	<.009	<.02	<.02	<.006	<.006	<.01

Date	OIET, water, fltrd, ug/L (50355)	3-Hydroxy carbofuran, wat flt 0.7u GF ug/L (49308)	3-Ketocarbofuran, water, fltrd, ug/L (50295)	Acetochlor, water, fltrd, ug/L (49260)	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)	Alachlor, water, fltrd, ug/L (46342)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)	Aldicarb, water, fltrd 0.7u GF ug/L (49312)	alpha-HCH, water, fltrd, ug/L (34253)	[a]alpha-HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)
NOV 2003													
12...	--	--	--	<.006	--	<.005	--	--	--	<.005	88.9	<.007	<.050
FEB 2004													
21...	<.008	<.006	<2	<.006	<.007	<.005	<.02	<.008	<.04	<.005	E102	<.007	<.050
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
16...	<.048	<.006	<1	<.006	<.007	<.040	<.02	<.008	<.04	<.005	100	<.007	<.050

Date	[a]Barban, surrog, Sched. 2060/9060, wat flt pct rcv (90640)	Bendiocarb, water, fltrd, ug/L (50299)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)	Bensulfuron, water, fltrd, ug/L (61693)	Bentazon, water, fltrd 0.7u GF ug/L (38711)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Butylate, water, fltrd, ug/L (04028)	Caffeine, water, fltrd, ug/L (50305)	[a]Caffeine-13C, surrog, wat flt percent recovry (99959)	Carbaryl, water, fltrd 0.7u GF ug/L (49310)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)
NOV 2003													
12...	--	--	<.010	--	--	--	--	--	<.004	--	--	--	E.098
FEB 2004													
21...	.0	<.03	<.010	E.077	<.02	<.01	<.03	<.02	<.004	E10.3	139	<.03	E.049
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
16...	E77.9	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.004	E4.56	E191	<.03	<.100

Date	Carbofuran, water, fltrd 0.7u GF ug/L (49309)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chlorambenmethyl ester, water, fltrd, ug/L (61188)	Chlorimuron, water, fltrd, ug/L (50306)	Chlorodiaminos-triazine, wat flt ug/L (04039)	Chlorothalonil, water, fltrd 0.7u GF ug/L (49306)	Chlorpyrifos water, fltrd, ug/L (38933)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cyanazine, water, fltrd, ug/L (04041)	Cycloate, water, fltrd, ug/L (04031)	Dacthal monoacid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)
NOV 2003													
12...	--	<.020	--	--	--	--	<.005	<.006	--	<.018	--	--	.004
FEB 2004													
21...	<.006	<.020	<.02	<.010	<.01	<.04	<.005	<.006	<.01	<.018	<.01	<.01	<.003
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
16...	<.006	<.075	<.02	<.010	<.04	<.04	<.100	<.006	<.01	<.018	<.01	<.01	.009

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon, water, fltrd, ug/L (39572)	[a]Diazinon-d10 surrog. wat flt 0.7u GF percent recovry (91063)	Dicamba water fltrd 0.7u GF ug/L (38442)	Dichlorprop, water, fltrd 0.7u GF ug/L (49302)	Dieldrin, water, fltrd, ug/L (39381)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethalfluralin, water, fltrd 0.7u GF ug/L (82663)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)
NOV 2003													
12...	E.008	.063	103	--	--	<.009	--	--	<.02	--	<.004	<.009	<.005
FEB 2004													
21...	<.012	<.005	E128	<.01	<.01	<.009	<.01	<.03	<.02	E1.31	<.004	<.009	<.005
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
16...	<.012	.027	109	<.01	<.01	<.150	<.02	<.03	<.02	E.53	<.004	<.009	<.005

Date	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulfinyl-fipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flumetsulam, water, fltrd, ug/L (61694)	Fluometuron water fltrd 0.7u GF ug/L (38811)	Fonofos water, fltrd, ug/L (04095)	Imazaquin, water, fltrd, ug/L (50356)	Imazethapyr, water, fltrd, ug/L (50407)	Imidacloprid water, fltrd, ug/L (61695)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (38478)
NOV 2003													
12...	--	<.029	<.013	<.024	<.030	--	--	<.003	--	--	--	<.004	--
FEB 2004													
21...	<.03	<.029	<.013	<.024	<.016	<.01	<.03	<.003	<.02	<.02	<.007	<.004	<.01
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
16...	<.03	<.029	<.013	<.024	<.025	<.01	E.06	<.003	<30.8	<.02	<.007	<.004	<.01

Date	Linuron water fltrd 0.7u GF ug/L (82666)	Malathion, water, fltrd, ug/L (39532)	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Metalaxyl, water, fltrd, ug/L (50359)	Methiocarb, water, fltrd 0.7u GF ug/L (38501)	Methomyl, water, fltrd 0.7u GF ug/L (49296)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Metsulfuron, water, fltrd, ug/L (61697)	Molinate, water, fltrd 0.7u GF ug/L (82671)	N-(4-Chlorophenyl) -N-' methylurea, ug/L (61692)
NOV 2003													
12...	<.035	.368	--	--	--	--	--	<.015	<.013	<.006	--	<.003	--
FEB 2004													
21...	<.035	.229	<.02	<.01	<.02	<.008	<.004	<.015	<.013	<.006	<.03	<.003	<.02
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
16...	<.035	.054	<.02	<.01	<.02	<.008	<.004	<.015	<.013	<.010	E21.6	<.003	<.02

Date	Napropamide, water, fltrd 0.7u GF ug/L (82684)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nicosulfuron, water, fltrd, ug/L (50364)	Norflurazon, water, fltrd 0.7u GF ug/L (49293)	Oryzalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	p,p-' DDE, water, fltrd, ug/L (34653)	Parathion, water, fltrd, ug/L (39542)	Pebulate, water, fltrd 0.7u GF ug/L (82669)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Picloram, water, fltrd 0.7u GF ug/L (49291)	Prometon, water, fltrd, ug/L (04037)
NOV 2003													
12...	<.007	--	--	--	--	--	<.003	<.010	<.004	<.022	<.011	--	<.05
FEB 2004													
21...	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010	--	<.022	<.011	<.02	<.01
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
16...	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010	<.004	<.022	<.011	<.02	.05

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Propachlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propiconazole, water, fltrd, ug/L (50471)	Propoxur, water, fltrd 0.7u GF ug/L (38538)	Siduron water, fltrd, ug/L (38548)	Simazine, water, fltrd, ug/L (04035)	Sulfometruron, water, fltrd, ug/L (50337)	Tebuthiuron water fltrd 0.7u GF ug/L (82670)	Terbacil, water, fltrd 0.7u GF ug/L (82665)	Terbacil, water, fltrd, ug/L (04032)
NOV 2003													
12...	<.004	<.025	<.011	<.02	--	--	--	--	<.005	--	<.02	<.034	--
FEB 2004													
21...	<.004	<.025	<.011	<.30	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.034	<.010
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
16...	<.125	<.025	<.030	<.02	<.010	<.02	<.015	<.02	<.005	<.086	<.02	<.034	<.010

Date	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Thiobencarb water fltrd 0.7u GF ug/L (82681)	Triallate, water, fltrd 0.7u GF ug/L (82678)	Triclopyr, water, fltrd 0.7u GF ug/L (49235)	Trifluralin, water, fltrd 0.7u GF ug/L (82661)
NOV 2003					
12...	<.02	<.010	<.002	--	<.009
FEB 2004					
21...	<.02	<.010	<.002	<.02	<.009
21...	--	--	--	--	--
AUG					
16...	<.02	<.010	<.002	<.02	<.009

Remark codes used in this table:
< -- Less than
E -- Estimated value

[a] -- Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1993 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: January 2002 to August 2003, discontinued.
WATER TEMPERATURE: January 2002 to August 2003, discontinued.

INSTRUMENTATION.--Water-quality monitor January 2002 to August 2004, hourly

REMARKS.--In April 1993, station was incorporated into the National Water-Quality Assessment Program (NAWQA) with goals to describe the status and trends of water-quality conditions for a large, diverse, and geographically distributed part of the Nation's ground- and surface-water resources. In January 1997 an automatic sampler was re-installed and used to collect water-quality data as part of the National Pollution Discharge Elimination System (NPDES) monitoring network. Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data."

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 9,510 microsiemens, cm at 25°C, May 14, 2002; minimum recorded, 238 microsiemens, cm at 25°C, December 25, 2004.
WATER TEMPERATURE: Maximum recorded, 36.0C July 12, 2002; minimum recorded, 4.0°C, January 31, 2002.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 4,360 microsiemens/cm at 25°C, October 1; minimum, 238 microsiemens/cm at 25°C, December 25.
WATER TEMPERATURE: Maximum, 35.0°C, July 18; minimum, 5.0°C, December 27, 29, and January 4.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Sample type	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)
OCT												
21...	0840	**Blank**	--	--	--	--	--	--	--	--	--	--
21...	0850	**Blank**	--	--	--	--	--	--	--	--	--	--
21...	0900	Environmental	9.5	729	9.4	104	8.0	3,790	24.0	17.5	218	266
DEC												
10...	0930	Environmental	7.7	721	12.0	116	8.5	3,720	16.0	10.9	214	--
FEB												
24...	0930	Environmental	26	724	10.2	99	7.9	1,340	12.0	11.5	99	121
24...	0940	**Pesticide Spike**	--	--	--	--	--	--	--	--	--	--
APR												
14...	1000	Environmental	9.4	712	10.3	112	8.1	3,600	21.0	15.4	206	246
14...	1015	**Sequential Replicate**	--	--	--	--	--	--	--	--	--	--
JUN												
29...	1030	Environmental	7.3	708	8.6	108	8.0	3,640	29.0	22.4	200	239
AUG												
17...	1030	Environmental	53	726	6.6	84	7.6	1,240	27.0	25.0	70	85

Date	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)
OCT													
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	<.02	--	--	--	<.1	<.1	<.1	.5
21...	306	1,620	<.04	4.74	.055	.04	<.006	.021	4.84	.7	<.1	.7	2.3
DEC													
10...	308	1,650	<.04	4.96	.022	.06	E.003	.016	4.89	.5	<.1	.5	2.5
FEB													
24...	81.8	503	E.04	1.91	.029	.12	.059	.123	2.48	3.0	.1	2.9	6.6
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
14...	284	1,530	<.04	3.92	.038	.03	E.003	.013	3.88	.3	<.1	.3	2.9
14...	273	1,530	<.04	3.90	.041	.04	E.003	.013	3.86	.3	<.1	.3	3.0
JUN													
29...	310	1,560	<.04	3.52	.097	.09	<.006	.025	3.76	1.0	<.1	.9	3.2
AUG													
17...	40.6	206	.11	2.21	.058	.62	.064	.36	3.40	17.7	8.0	9.7	12.0

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	2,6-Diethylaniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Acetochlor, water, fltrd, ug/L (49260)	Alachlor, water, fltrd, ug/L (46342)	alpha-HCH, water, fltrd, ug/L (34253)	[a]alpha-HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Butylate, water, fltrd, ug/L (04028)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chlorpyrifos water, fltrd, ug/L (38933)
OCT													
21...	<.006	<.006	<.006	<.004	<.005	84.2	<.007	<.050	<.010	<.002	<.041	<.020	<.005
21...	<.006	<.006	<.006	<.004	<.005	88.6	<.007	<.050	<.010	<.002	<.041	<.020	<.005
21...	<.006	<.006	<.006	<.004	<.005	91.0	E.005	<.050	<.010	<.002	<.041	<.020	<.005
DEC													
10...	<.006	<.006	<.006	<.005	<.005	84.4	E.003	<.050	<.010	<.004	<.041	<.020	<.005
FEB													
24...	<.006	<.006	<.006	<.005	<.005	87.1	<.007	<.050	<.010	<.004	E.029	<.020	<.005
24...	.054	E.046	.130	.132	.092	80.5	.148	E.164	.101	.191	E.219	E.209	.137
APR													
14...	<.006	<.010	<.006	<.005	<.005	90.5	.009	<.050	<.010	<.004	<.041	<.020	<.005
14...	<.006	<.007	<.006	<.005	<.005	88.7	.007	<.050	<.010	<.004	<.041	<.020	<.005
JUN													
29...	<.006	<.006	<.006	<.005	<.005	101	<.010	<.050	<.010	<.004	<.041	<.020	<.005
AUG													
17...	<.006	<.006	<.010	<.005	<.005	81.5	<.007	<.050	<.010	<.004	<.075	<.040	<.030

Date	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	Cyanazine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon, water, fltrd, ug/L (39572)	[a]Diazinon-d10 surrog. wat flt 0.7u GF percent recovry (91063)	Dieldrin, water, fltrd, ug/L (39381)	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethalfluralin, water, fltrd 0.7u GF ug/L (82663)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Desulfinyl-fipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)
OCT													
21...	<.006	<.018	<.003	<.004	<.005	86.6	<.005	<.02	<.002	<.009	<.005	<.009	<.005
21...	<.006	<.018	<.003	<.004	<.005	100	<.005	<.02	<.002	<.009	<.005	<.009	<.005
21...	<.006	<.018	<.003	<.004	E.004	95.5	<.005	<.02	<.002	<.009	<.005	<.009	<.005
DEC													
10...	<.006	<.018	<.003	<.012	E.002	106	<.009	<.02	<.004	<.009	<.005	<.029	<.013
FEB													
24...	<.006	<.018	.006	E.007	.173	116	<.009	<.02	<.004	<.009	<.005	<.029	<.013
24...	.081	.154	.114	.166	.266	110	.111	.03	.125	.129	.165	E.204	.162
APR													
14...	<.006	<.018	<.003	E.004	<.007	119	<.009	<.02	.015	<.009	<.005	<.029	<.013
14...	<.006	<.018	<.003	E.004	<.005	115	<.009	<.02	<.004	<.009	<.005	<.029	<.013
JUN													
29...	<.006	<.018	<.003	<.012	<.005	106	<.009	<.02	<.004	<.009	<.005	<.029	<.013
AUG													
17...	<.006	<.018	.009	<.012	.023	96.4	<1.00	<.02	<.004	<.009	<.005	<.029	<.013

Date	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Malathion, water, fltrd, ug/L (39532)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Napropamide, water, fltrd 0.7u GF ug/L (82684)	p,p'-DDE, water, fltrd, ug/L (34653)	Parathion, water, fltrd, ug/L (39542)
OCT													
21...	<.005	<.007	<.003	<.004	<.035	<.027	<.006	<.013	<.006	<.002	<.007	<.003	<.010
21...	<.005	<.007	<.003	<.004	<.035	<.027	<.006	<.013	<.006	<.002	<.007	<.003	<.010
21...	<.005	<.007	<.003	<.004	<.035	<.027	<.006	<.013	<.006	<.002	<.007	<.003	<.010
DEC													
10...	<.024	<.016	<.003	<.004	<.035	<.027	<.015	<.013	<.006	<.003	<.007	<.003	<.010
FEB													
24...	<.024	<.016	<.003	<.004	<.035	.051	<.015	<.013	<.006	<.003	<.007	<.003	<.010
24...	.147	E.237	.104	.103	.084	.176	.147	.120	.081	.096	.104	.066	.145
APR													
14...	<.024	<.016	<.003	<.004	<.035	<.027	<.015	<.013	<.006	<.003	<.007	<.003	<.010
14...	<.024	<.016	<.003	<.004	<.035	<.027	<.015	<.013	<.006	<.003	<.007	<.003	<.010
JUN													
29...	<.024	<.016	<.003	<.004	<.035	<.027	<.015	<.013	<.006	<.003	<.007	<.003	<.010
AUG													
17...	<.024	<.030	<.003	<.004	<.035	.069	<.015	<.013	<.010	<.003	<.007	<.003	<.010

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Pebulate, water, fltrd 0.7u GF ug/L (82669)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Prometon, water, fltrd, ug/L (04037)	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Propachlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Simazine, water, fltrd, ug/L (04035)	Tebuthiuron water fltrd 0.7u GF ug/L (82670)	Terbacil, water, fltrd 0.7u GF ug/L (82665)	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Thiobencarb water fltrd 0.7u GF ug/L (82681)
OCT													
21...	<.004	<.022	<.011	<.01	<.004	<.010	<.011	<.02	<.005	<.02	<.034	<.02	<.005
21...	<.004	<.022	<.011	<.01	<.004	<.010	<.011	<.02	<.005	<.02	<.034	<.02	<.005
21...	<.004	<.022	<.011	E.01	<.004	<.010	<.011	<.02	.008	<.02	<.034	<.02	<.005
DEC													
10...	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.007	<.02	<.034	<.02	<.010
FEB													
24...	<.004	E.020	<.011	<.03	<.004	<.025	<.011	<.02	<.005	<.02	<.034	<.02	<.010
24...	.103	.149	.041	.18	.144	.134	.143	.27	.131	.17	E.151	.09	.107
APR													
14...	<.004	<.022	<.011	.02	<.004	<.025	<.011	<.02	.012	<.02	<.034	<.02	<.010
14...	<.004	<.022	<.011	.02	<.004	<.025	<.011	<.02	.011	<.02	<.034	<.02	<.010
JUN													
29...	<.004	<.022	<.011	.06	<.004	<.025	<.011	<.02	<.005	<.02	<.034	<.02	<.010
AUG													
17...	<.004	.054	<.011	.06	<.075	<.025	<.013	<.02	<.005	<.02	<.034	<.02	<.010

Date	Triallate, water, fltrd 0.7u GF ug/L (82678)	Trifluralin, water, fltrd 0.7u GF ug/L (82661)	Suspnd. sediment, sieve diametr percent <.063mm (70331)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT					
21...	<.002	<.009	--	--	--
21...	<.002	<.009	--	--	--
21...	<.002	<.009	30	47	1.2
DEC					
10...	<.002	<.009	14	36	.75
FEB					
24...	<.002	E.007	82	62	4.4
24...	.108	.112	--	--	--
APR					
14...	<.002	<.009	38	12	.30
14...	<.002	<.009	57	9	--
JUN					
29...	<.002	<.009	24	63	1.2
AUG					
17...	<.002	<.009	97	328	47

Remark codes used in this table:
< -- Less than
E -- Estimated value

[a] -- Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	4,360	3,930	4,270	3,770	3,580	3,710	3,920	3,670	3,830	3,220	2,820	3,070
2	4,210	4,000	4,160	3,850	3,710	3,780	3,780	3,700	3,740	3,610	3,220	3,420
3	4,190	3,940	4,140	3,870	3,610	3,760	3,940	3,680	3,800	3,700	3,570	3,640
4	4,150	3,810	3,980	3,770	3,700	3,750	3,950	3,690	3,800	3,750	3,570	3,650
5	4,180	4,010	4,090	3,830	3,720	3,780	3,840	3,710	3,770	3,690	3,540	3,610
6	4,180	3,820	3,960	3,780	3,710	3,750	3,900	3,670	3,770	3,620	3,440	3,540
7	3,880	3,770	3,830	3,810	3,680	3,730	3,900	3,680	3,800	3,590	3,470	3,540
8	3,800	3,760	3,780	3,810	3,680	3,760	3,890	3,750	3,810	3,570	3,520	3,540
9	3,830	3,780	3,810	3,790	3,610	3,710	3,980	3,720	3,820	3,580	3,520	3,560
10	3,890	3,820	3,850	3,900	3,620	3,740	3,810	3,680	3,720	3,700	3,560	3,620
11	3,950	3,820	3,880	3,830	3,670	3,760	3,760	281	2,560	3,720	3,660	3,690
12	3,900	3,730	3,820	3,800	337	2,550	2,670	716	1,910	3,730	3,570	3,690
13	3,820	3,710	3,770	2,660	695	1,830	3,450	2,670	3,190	3,710	3,640	3,680
14	3,760	3,640	3,700	3,390	2,660	3,150	3,640	2,050	3,230	3,750	3,610	3,690
15	3,680	3,600	3,640	3,580	3,390	3,510	3,420	2,400	2,940	3,720	3,590	3,680
16	3,640	3,570	3,610	3,600	1,210	2,160	3,630	3,420	3,520	3,690	3,590	3,640
17	3,630	3,560	3,600	3,300	2,000	2,900	3,680	3,570	3,620	3,780	3,640	3,720
18	3,620	3,520	3,570	3,480	3,300	3,410	3,650	3,520	3,590	3,780	3,660	3,720
19	3,660	3,570	3,610	3,570	3,480	3,540	3,700	3,560	3,630	3,730	3,600	3,650
20	3,660	3,590	3,630	3,700	3,500	3,600	3,710	3,110	3,480	3,740	3,640	3,710
21	3,620	3,580	3,600	3,830	3,600	3,730	3,720	3,340	3,650	3,710	3,460	3,620
22	3,640	3,150	3,490	3,910	3,720	3,830	3,740	3,560	3,680	3,650	3,450	3,580
23	3,620	3,530	3,580	3,870	3,680	3,800	3,670	3,420	3,580	3,750	3,550	3,630
24	3,610	3,550	3,580	3,920	3,780	3,830	3,580	2,640	3,030	3,740	3,560	3,660
25	3,710	3,600	3,660	3,890	3,620	3,810	3,450	238	2,650	3,810	3,710	3,780
26	3,720	3,660	3,690	3,840	3,090	3,670	2,250	249	1,280	3,870	3,530	3,780
27	3,690	3,630	3,660	3,840	3,730	3,780	3,220	2,250	2,880	3,670	3,550	3,640
28	3,690	3,610	3,660	3,910	3,800	3,840	3,540	3,220	3,430	3,700	3,130	3,520
29	3,730	3,120	3,510	4,030	3,860	3,950	3,580	3,430	3,530	3,530	3,200	3,410
30	3,870	3,260	3,670	3,920	3,800	3,860	3,450	419	1,280	3,570	3,310	3,500
31	3,820	3,580	3,690	---	---	---	2,820	1,320	2,210	3,530	3,240	3,430
MONTH	4,360	3,120	3,760	4,030	337	3,530	3,980	238	3,250	3,870	2,820	3,600
		FEBRUARY			MARCH			APRIL			MAY	
1	3,710	3,500	3,630	3,650	3,600	3,630	3,750	3,700	3,720	3,710	3,640	3,670
2	3,760	3,590	3,670	3,680	432	1,550	3,750	276	1,300	3,730	3,560	3,630
3	3,770	2,360	2,970	2,940	1,400	2,370	1,370	246	803	3,810	2,940	3,700
4	3,360	2,500	3,020	3,430	2,940	3,230	2,820	1,260	2,110	4,000	3,600	3,770
5	3,480	3,360	3,430	3,590	3,270	3,430	3,460	2,820	3,180	3,860	3,760	3,800
6	3,490	3,390	3,440	3,660	3,520	3,590	3,600	3,460	3,520	3,800	3,640	3,720
7	3,520	3,400	3,450	3,720	3,580	3,660	3,680	3,450	3,600	3,730	3,480	3,680
8	3,600	3,520	3,570	3,720	3,630	3,680	3,680	2,500	3,440	3,740	3,620	3,690
9	3,720	3,580	3,620	3,690	3,590	3,650	3,100	1,770	2,380	3,750	3,640	3,700
10	3,640	3,580	3,600	3,750	3,690	3,720	3,610	3,100	3,410	4,220	3,430	3,830
11	3,590	3,510	3,570	3,710	3,570	3,640	3,650	2,910	3,570	3,780	2,940	3,710
12	3,580	3,510	3,550	3,600	3,470	3,540	3,770	3,340	3,670	3,760	3,400	3,700
13	3,600	3,570	3,580	3,630	3,570	3,600	3,790	3,700	3,740	3,760	3,560	3,670
14	3,570	3,490	3,530	3,620	3,560	3,590	3,760	3,690	3,710	3,750	3,660	3,710
15	3,510	3,470	3,480	3,730	3,570	3,650	3,810	3,430	3,750	3,780	3,540	3,680
16	3,560	3,500	3,540	3,740	3,660	3,690	3,840	3,690	3,770	3,760	3,500	3,630
17	3,600	3,500	3,540	3,720	3,450	3,650	3,840	3,690	3,760	3,830	3,520	3,750
18	3,550	3,440	3,500	3,630	3,450	3,550	3,800	3,680	3,750	3,980	3,780	3,870
19	3,500	3,440	3,470	3,680	3,510	3,640	3,780	3,600	3,700	3,900	3,740	3,840
20	3,530	2,890	3,460	3,690	3,600	3,650	3,820	3,630	3,710	3,870	3,490	3,800
21	2,890	996	1,630	3,770	3,670	3,710	3,810	3,680	3,740	3,820	3,690	3,750
22	2,400	915	1,690	3,770	3,670	3,710	3,860	3,700	3,750	3,760	3,660	3,710
23	1,690	922	1,310	3,720	3,670	3,700	3,720	3,610	3,680	3,760	3,640	3,690
24	2,850	1,600	2,230	3,790	3,700	3,740	3,720	3,650	3,680	3,800	3,620	3,700
25	3,480	2,850	3,260	3,790	3,650	3,730	3,700	3,640	3,680	3,800	3,640	3,700
26	3,480	2,110	2,620	3,770	3,680	3,730	3,810	3,700	3,760	3,820	3,550	3,640
27	3,250	2,270	2,730	3,790	3,740	3,760	3,840	3,710	3,750	3,600	3,390	3,520
28	3,460	2,780	3,210	3,820	3,730	3,760	3,830	3,700	3,760	3,460	3,340	3,420
29	3,630	3,420	3,510	3,820	3,770	3,800	3,850	3,730	3,790	3,380	3,320	3,360
30	---	---	---	3,810	3,610	3,740	3,820	3,710	3,760	3,380	3,300	3,350
31	---	---	---	3,770	3,690	3,720	---	---	---	3,420	3,300	3,360
MONTH	3,770	915	3,170	3,820	432	3,540	3,860	246	3,400	4,220	2,940	3,670

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	3,420	3,030	3,340	2,920	2,830	2,860	3,170	3,040	3,090	---	---	---
2	3,160	2,770	3,030	2,860	2,740	2,790	3,080	2,040	2,400	---	---	---
3	3,580	2,750	3,250	2,870	2,740	2,790	2,810	2,120	2,470	---	---	---
4	3,520	3,400	3,480	3,010	2,780	2,870	2,940	2,810	2,860	---	---	---
5	3,520	3,230	3,400	3,110	3,000	3,040	3,030	2,930	2,960	---	---	---
6	3,650	3,180	3,380	3,120	2,980	3,040	3,040	2,910	2,980	---	---	---
7	3,770	3,610	3,690	2,980	2,550	2,780	3,020	2,880	2,950	---	---	---
8	3,690	3,540	3,610	2,920	2,790	2,870	2,960	2,830	2,880	---	---	---
9	3,560	3,350	3,420	2,970	2,790	2,870	2,860	2,670	2,780	---	---	---
10	3,480	3,060	3,230	2,890	2,850	2,860	2,840	2,730	2,790	---	---	---
11	3,330	3,110	3,210	2,880	2,840	2,860	2,810	2,700	2,760	---	---	---
12	3,200	3,020	3,080	2,900	2,840	2,870	2,830	568	2,700	---	---	---
13	3,130	3,070	3,090	2,890	2,800	2,840	2,200	489	1,490	---	---	---
14	3,080	2,960	3,010	2,870	2,740	2,790	2,650	2,200	2,510	---	---	---
15	3,080	2,970	3,020	2,890	2,820	2,860	2,690	1,100	2,440	---	---	---
16	3,020	2,660	2,760	3,200	2,870	3,080	2,130	259	1,260	---	---	---
17	2,780	2,200	2,540	3,160	1,210	2,470	---	---	---	---	---	---
18	2,820	2,240	2,610	2,630	1,140	1,820	---	---	---	---	---	---
19	2,990	2,810	2,880	3,180	2,630	2,960	---	---	---	---	---	---
20	2,930	2,890	2,910	3,230	3,090	3,160	---	---	---	---	---	---
21	2,920	2,780	2,850	3,290	3,180	3,250	---	---	---	---	---	---
22	2,850	2,670	2,750	3,280	3,160	3,210	---	---	---	---	---	---
23	2,780	2,710	2,750	3,280	3,160	3,240	---	---	---	---	---	---
24	2,730	2,640	2,690	3,290	3,170	3,220	---	---	---	---	---	---
25	3,330	2,660	2,940	3,280	3,190	3,230	---	---	---	---	---	---
26	3,390	2,970	3,150	3,310	3,190	3,260	---	---	---	---	---	---
27	3,240	3,030	3,090	3,270	3,160	3,220	---	---	---	---	---	---
28	3,130	3,030	3,060	3,240	3,130	3,190	---	---	---	---	---	---
29	3,070	2,950	3,020	3,230	3,100	3,170	---	---	---	---	---	---
30	3,040	2,890	2,940	3,240	3,110	3,170	---	---	---	---	---	---
31	---	---	---	3,200	3,090	3,150	---	---	---	---	---	---
MONTH	3,770	2,200	3,070	3,310	1,140	2,960	3,170	259	2,580	---	---	---
YEAR	4,360	238	3,360									

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	28.0	20.5	24.0	17.5	12.0	14.5	15.0	9.5	12.0	11.0	8.0	9.5
2	26.0	19.5	23.0	17.5	12.0	14.5	15.5	9.5	12.0	12.0	9.0	10.5
3	27.0	19.5	22.5	16.0	11.0	13.5	15.0	9.0	12.0	10.5	6.5	8.5
4	27.0	19.0	22.5	18.0	11.0	14.0	15.0	9.0	12.0	10.5	5.0	7.5
5	28.0	19.5	23.0	18.0	10.5	14.0	15.0	10.0	12.5	10.5	5.5	7.5
6	26.0	19.5	22.5	17.5	12.5	15.0	14.0	10.5	12.5	11.0	6.0	8.5
7	27.5	19.0	23.0	18.0	12.0	14.5	16.5	12.5	14.0	13.0	9.0	10.5
8	27.0	18.5	22.5	17.5	11.5	14.5	13.5	9.5	11.5	13.5	7.5	10.0
9	27.0	18.5	22.5	17.0	14.5	15.5	13.5	8.0	10.5	14.0	8.0	11.0
10	26.5	19.0	22.0	19.5	15.0	16.5	13.0	8.0	10.5	14.5	8.5	11.5
11	24.5	17.0	20.5	19.0	13.0	15.5	11.0	8.0	9.5	14.5	8.5	11.5
12	26.0	17.0	21.0	16.5	13.0	15.0	12.5	7.5	10.0	14.5	8.5	11.5
13	24.0	17.5	20.5	17.0	12.0	14.5	12.5	8.5	10.5	15.0	9.0	11.5
14	24.0	15.0	19.0	18.0	11.5	14.5	13.0	8.5	10.0	14.5	9.5	11.5
15	24.5	16.0	19.5	16.5	12.0	14.0	11.5	6.5	9.0	14.5	8.5	11.5
16	24.5	16.0	20.0	17.0	13.0	14.5	11.5	6.5	9.0	14.5	8.0	11.0
17	25.0	16.5	20.5	18.0	11.5	14.5	12.5	6.5	9.0	14.0	8.5	11.0
18	25.0	17.0	21.0	18.5	12.0	14.5	12.5	7.5	10.0	14.0	8.0	11.0
19	26.0	17.5	21.0	18.0	12.0	14.5	13.0	7.5	10.0	14.5	10.5	12.0
20	26.0	17.5	21.0	18.5	12.0	15.0	13.5	9.5	11.5	14.5	9.0	11.0
21	25.5	17.0	21.0	18.0	12.0	14.0	14.5	9.5	11.5	13.5	8.0	10.0
22	25.5	17.0	20.5	13.0	8.0	10.5	14.0	9.5	11.5	13.5	7.5	10.0
23	24.5	16.5	20.0	12.5	6.5	9.5	13.0	9.5	11.5	14.0	7.0	10.0
24	23.5	16.5	20.0	11.0	7.5	9.5	14.5	11.5	13.0	13.0	7.5	10.5
25	20.5	15.0	17.5	14.5	8.5	11.0	13.5	10.5	12.5	12.5	7.5	9.5
26	21.5	13.5	17.0	14.5	8.5	11.0	11.5	7.0	9.5	12.5	6.0	9.0
27	22.5	14.5	18.0	13.5	8.0	10.5	10.0	5.0	7.0	13.0	6.5	10.0
28	23.5	15.5	19.0	13.0	8.5	10.5	11.0	5.0	7.5	15.5	9.5	12.0
29	19.0	15.0	17.0	15.0	9.5	12.0	11.0	7.0	8.5	15.0	8.0	11.5
30	18.5	13.0	15.0	15.0	9.5	12.0	10.0	6.5	8.5	15.0	9.0	12.0
31	17.5	12.0	14.5	---	---	---	12.5	7.0	9.5	14.5	9.5	12.0
MONTH	28.0	12.0	20.4	19.5	6.5	13.4	16.5	5.0	10.6	15.5	5.0	10.5
		FEBRUARY			MARCH			APRIL			MAY	
1	14.0	7.5	10.5	14.5	11.0	12.5	21.0	15.5	18.0	27.5	16.5	21.5
2	12.5	8.0	10.0	13.5	10.5	12.0	17.0	15.5	16.0	29.0	18.0	23.0
3	13.5	8.5	11.0	18.5	10.0	14.0	18.0	14.5	16.0	29.0	19.0	23.5
4	13.5	7.0	10.0	17.5	11.0	14.0	24.0	15.0	18.5	28.0	19.0	23.5
5	12.5	7.0	9.5	18.5	10.0	14.0	25.5	15.0	19.5	27.0	18.5	22.5
6	14.5	7.0	10.5	20.0	11.0	15.5	24.5	16.5	20.0	25.0	17.5	21.0
7	14.5	7.5	10.5	20.5	12.5	16.0	25.0	15.5	20.0	24.0	17.5	20.5
8	14.0	7.0	10.0	21.5	13.0	17.0	26.0	17.0	20.5	27.0	17.5	21.5
9	14.0	7.5	10.0	23.0	13.5	18.0	26.5	16.5	21.0	28.5	17.0	22.0
10	14.0	6.5	9.5	21.5	14.5	17.5	23.5	15.5	19.0	25.0	17.5	21.0
11	14.0	7.0	10.0	21.5	13.0	17.0	24.0	13.5	18.0	25.5	15.0	19.5
12	12.5	6.0	8.5	22.0	13.5	18.0	25.5	14.5	19.5	25.5	14.0	19.5
13	14.0	5.5	9.0	23.0	14.5	18.5	25.5	15.0	19.5	27.0	16.0	21.5
14	15.0	7.5	11.0	24.0	14.5	18.5	24.0	14.5	18.5	28.0	17.0	22.0
15	16.0	7.5	11.5	22.5	15.0	18.5	24.0	14.5	18.5	26.5	18.0	22.0
16	16.0	9.5	12.5	23.0	13.5	18.0	24.0	15.0	19.0	27.0	17.5	22.0
17	17.5	10.5	13.5	23.5	14.0	18.5	23.0	15.0	18.0	24.0	18.0	20.5
18	14.5	11.0	12.5	24.0	14.5	19.0	23.5	12.5	17.5	25.5	15.5	20.0
19	17.5	10.0	13.0	24.5	15.0	19.5	24.0	14.5	18.5	26.5	17.5	21.0
20	13.5	11.0	12.0	25.0	15.5	20.0	23.5	15.0	18.5	26.5	17.0	21.0
21	15.0	11.5	12.5	26.0	16.0	21.0	25.0	15.0	19.5	26.5	16.5	21.0
22	13.5	10.5	12.0	25.0	16.5	21.0	22.5	13.0	17.0	27.5	16.0	21.5
23	13.5	10.0	11.5	24.0	18.0	20.5	24.0	13.5	18.5	25.5	17.0	21.0
24	17.5	9.5	13.0	25.0	16.5	20.0	26.5	16.0	20.5	27.5	16.5	21.5
25	16.5	10.0	13.0	23.0	15.5	19.0	27.0	17.0	21.5	28.5	17.5	22.0
26	16.0	11.5	13.0	23.0	14.5	18.5	27.5	17.0	22.0	28.5	18.0	23.0
27	15.0	10.5	12.5	22.0	14.5	18.0	27.5	17.5	22.0	29.5	19.0	23.5
28	15.5	9.5	12.0	21.5	14.5	17.5	25.5	17.0	21.0	25.5	19.0	22.0
29	17.5	9.5	13.0	23.5	14.0	18.0	23.0	14.0	18.0	27.0	18.0	22.0
30	---	---	---	24.0	14.5	19.0	25.0	14.0	19.0	29.5	17.0	22.5
31	---	---	---	22.5	16.0	19.0	---	---	---	30.5	19.0	24.5
MONTH	17.5	5.5	11.3	26.0	10.0	17.7	27.5	12.5	19.1	30.5	14.0	21.7

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	31.5	20.0	25.5	30.0	20.0	24.0	27.0	24.0	25.0	---	---	---
2	31.5	20.0	25.0	32.0	20.0	25.0	31.0	23.5	27.0	---	---	---
3	31.0	20.0	25.5	32.5	20.5	25.5	31.5	23.0	27.0	---	---	---
4	32.0	21.0	26.0	32.5	20.5	25.5	32.5	22.5	26.5	---	---	---
5	32.5	21.0	26.0	32.5	21.0	26.0	30.5	22.5	25.5	---	---	---
6	31.5	21.5	26.0	33.0	21.0	26.0	32.5	22.0	26.0	---	---	---
7	30.0	20.5	25.0	30.0	21.5	25.0	33.5	21.0	26.5	---	---	---
8	28.0	18.5	22.5	31.5	21.0	25.5	34.0	22.0	27.5	---	---	---
9	24.5	16.5	20.5	30.5	21.0	25.0	34.5	23.0	28.0	---	---	---
10	29.0	17.0	22.5	32.0	21.0	26.0	34.0	23.0	28.0	---	---	---
11	30.0	18.5	23.5	32.0	21.5	26.5	35.0	23.5	28.0	---	---	---
12	30.5	18.5	24.0	33.5	21.5	27.5	30.0	23.5	26.5	---	---	---
13	31.5	20.0	25.0	30.5	24.0	26.5	31.5	25.0	27.0	---	---	---
14	32.0	21.0	25.5	29.5	23.5	26.0	29.5	22.5	26.0	---	---	---
15	30.0	21.5	25.5	31.0	24.0	27.5	31.0	24.0	26.5	---	---	---
16	30.5	21.5	25.5	33.5	24.5	28.5	31.0	23.0	25.5	---	---	---
17	29.5	21.5	25.0	34.0	25.5	28.5	---	---	---	---	---	---
18	32.0	20.5	25.5	35.0	25.5	29.5	---	---	---	---	---	---
19	31.0	21.5	25.5	34.5	24.5	29.0	---	---	---	---	---	---
20	32.5	20.5	26.0	34.5	24.0	28.5	---	---	---	---	---	---
21	32.5	21.5	26.5	34.5	23.0	28.0	---	---	---	---	---	---
22	31.5	21.0	26.0	34.0	23.5	28.0	---	---	---	---	---	---
23	32.0	21.5	26.0	34.0	22.5	27.5	---	---	---	---	---	---
24	32.5	21.5	26.5	34.0	22.5	27.5	---	---	---	---	---	---
25	33.5	22.5	27.0	34.5	23.5	28.0	---	---	---	---	---	---
26	33.0	21.5	26.5	33.5	24.0	27.5	---	---	---	---	---	---
27	29.0	21.0	25.0	32.5	23.0	26.5	---	---	---	---	---	---
28	30.5	21.5	25.0	33.5	22.0	27.0	---	---	---	---	---	---
29	29.5	19.5	24.0	32.5	22.5	26.5	---	---	---	---	---	---
30	29.0	19.5	23.5	31.5	22.0	26.0	---	---	---	---	---	---
31	---	---	---	31.5	22.0	26.0	---	---	---	---	---	---
MONTH	33.5	16.5	25.1	35.0	20.0	26.8	35.0	21.0	26.7	---	---	---
YEAR	35.0	5.0	18.1									

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

094196784 LAS VEGAS WASH AT VEGAS VALLEY DRIVE NEAR LAS VEGAS, NV

LOCATION.--Lat 36°08'13", long 115°02'16" referenced to North American Datum of 1927, in NE ¼ SW ¼ sec. 10, T.21 S., R.62 E., Clark County, Hydrologic Unit 15010015, at junction of Las Vegas Wash and Vegas Valley Drive.

DRAINAGE AREA.--1,019.28 mi^2.

PERIOD OF RECORD.--June 1999 to current year.

GAGE.--Water stage recorder. Elevation of gage is 1,690 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,000 ft^3/s, July 8, 1999, gage height, 11.22 ft; minimum daily, 5.0 ft^3/s, September 4, 5, 6 2004. Maximum daily precipitation, 0.98 in, July 8, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,560 ft^3/s, February 22, gage height, 2.85 ft; minimum daily discharge, 5.0 ft^3/s, September 4, 5, 6. Maximum daily precipitation, 0.60 in, November 12.

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	e11	e15	e10	e14	e12	6.6	26	11	12	14	13	6.7
2	e11	e14	e10	e13	e12	107	603	12	16	13	22	6.6
3	e11	e14	e10	e13	e22	16	444	12	14	13	17	6.3
4	e12	e16	e10	e12	e14	13	28	12	13	14	17	5.0
5	e11	e15	e9.9	e13	e13	14	13	11	13	14	13	5.0
6	e11	e14	e9.8	e14	e12	13	12	12	13	15	12	5.0
7	e11	e15	e9.6	e13	e12	18	12	12	11	18	12	5.6
8	e10	e15	e9.5	e13	e12	15	14	13	11	15	12	5.3
9	e11	e16	e9.6	e13	e12	11	21	12	11	15	13	122
10	e10	e15	e9.8	e12	e12	10	11	13	14	14	13	26
11	e10	e15	e194	e12	e13	11	10	12	14	15	13	11
12	e10	e267	e36	e12	e12	12	11	10	13	14	62	9.2
13	e10	e60	e12	e13	e12	12	13	11	13	14	155	9.0
14	e10	e14	e18	e12	e12	13	13	9.5	13	16	13	8.7
15	e11	e12	e14	e13	e12	13	12	9.5	13	15	40	8.6
16	e12	e37	e11	e13	e12	14	14	12	18	18	302	8.6
17	e12	e13	e11	e13	e12	14	14	12	18	39	78	8.4
18	e12	e11	e11	e13	e12	14	13	11	14	36	13	7.7
19	e12	e11	e11	e13	e12	14	15	10	14	10	11	7.1
20	e12	e11	e12	e13	e14	14	15	10	13	10	11	7.8
21	e12	e11	e11	e13	154	14	15	9.6	13	9.7	13	6.8
22	e12	e10	e10	e13	722	15	15	8.7	13	11	8.7	6.0
23	e11	e10	e11	e13	799	15	15	8.9	13	11	8.3	6.0
24	e11	e10	e16	e13	44	15	15	10	12	10	8.5	6.2
25	e12	e11	e286	e12	16	15	14	11	14	11	8.7	6.8
26	e12	e11	e166	e12	318	15	12	11	12	11	8.5	7.1
27	e12	e10	e15	e13	18	16	12	11	14	12	8.2	7.2
28	e12	e10	e13	e14	10	15	12	10	14	12	6.6	8.1
29	e15	e10	e13	e13	8.3	16	11	9.7	14	12	6.5	6.7
30	e14	e9.4	e136	e13	---	17	11	9.3	14	12	6.6	6.9
31	e15	---	e20	e14	---	17	---	9.9	---	12	6.6	---
TOTAL	358	702.4	1,125.2	400	2,345.3	524.6	1,446	336.1	404	455.7	932.2	347.4
MEAN	11.5	23.4	36.3	12.9	80.9	16.9	48.2	10.8	13.5	14.7	30.1	11.6
MAX	15	267	286	14	799	107	603	13	18	39	302	122
MIN	10	9.4	9.5	12	8.3	6.6	10	8.7	11	9.7	6.5	5.0
†	0.00	0.76	0.76	0.00	1.28	0.08	0.76	0.00	0.00	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2004, BY WATER YEAR (WY)

MEAN	15.0	14.3	17.2	14.4	60.3	19.0	21.5	11.6	12.8	33.1	30.1	13.7
MAX	26.5	23.4	36.3	26.5	80.9	26.2	48.2	14.3	16.0	125	61.5	18.6
(WY)	(2001)	(2004)	(2004)	(2001)	(2004)	(2003)	(2004)	(2003)	(2003)	(1999)	(2003)	(2003)
MIN	9.34	9.62	9.15	8.36	12.0	13.8	9.63	9.92	10.1	10.2	9.88	11.6
(WY)	(2000)	(2000)	(2000)	(2000)	(2002)	(2002)	(2001)	(2001)	(2001)	(2000)	(2002)	(2004)

094196784 LAS VEGAS WASH AT VEGAS VALLEY DRIVE NEAR LAS VEGAS, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1999 - 2004	
ANNUAL TOTAL	10,052.6		9,376.9			
ANNUAL MEAN	27.5		25.6		20.3	
HIGHEST ANNUAL MEAN					25.6	2004
LOWEST ANNUAL MEAN					11.8	2002
HIGHEST DAILY MEAN	600	Feb 26	799	Feb 23	1,600	Jul 8, 1999
LOWEST DAILY MEAN	9.4	Nov 30	5.0	Sep 4	5.0	Sep 4, 2004
ANNUAL SEVEN-DAY MINIMUM	9.7	Dec 4	5.5	Sep 2	5.5	Sep 2, 2004
MAXIMUM PEAK FLOW			4,560	Feb 22	11,000	Jul 8, 1999
MAXIMUM PEAK STAGE			2.85	Feb 22	11.22	Jul 8, 1999
ANNUAL RUNOFF (AC-FT)	19,940		18,600		14,690	
10 PERCENT EXCEEDS	29		18		18	
50 PERCENT EXCEEDS	15		12		12	
90 PERCENT EXCEEDS	11		8.7		9.1	

e Estimated
† Precipitaiton total, in inches.

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

09419679 LAS VEGAS WASTEWAY NEAR EAST LAS VEGAS, NV

LOCATION.--Lat 36°06'22", long 115°01'07" referenced to North American Datum of 1927, in NW ¼ SE ¼ sec. 23, T.21 S., R.62 E., Clark County, Hydrologic Unit 15010015, on left bank, 500 ft west of Hollywood Boulevard, and 1.5 mi northeast of East Las Vegas Civic Center.

DRAINAGE AREA.--Undetermined.

PERIOD OF RECORD.--May 1979 to September 1983, November 1983 to May 1984, and September 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,650 ft above National Geodetic Vertical Datum of 1929, from topographic map. See WDR NV-97-1 for history of changes prior to 1997 water year. Prior to November 21, 1997, at same site at datum 1.0 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by sewage treatment plant. At higher flows, some water can bypass the gage due to overbank flow upstream. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,300 ft^3/s, February 22, 2004, gage height, 7.30 ft; minimum daily, 45 ft^3/s, August 22, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,300 ft^3/s, February 22, 23, gage height, 7.30 ft; minimum daily discharge, 218 ft^3/s, October 1.

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	218	228	237	249	256	e227	258	236	251	247	262	236
2	222	241	232	250	238	e370	674	233	252	253	275	235
3	224	223	227	251	245	e243	544	e230	246	258	266	231
4	e235	226	236	270	231	e231	320	e235	251	257	262	239
5	236	231	228	237	224	e231	301	e235	253	262	261	245
6	228	232	241	235	232	e237	288	e240	249	259	259	253
7	224	237	245	229	245	e239	271	e240	245	255	269	232
8	228	250	240	233	250	e235	266	e245	242	247	264	242
9	225	255	236	231	237	e233	287	e250	244	258	270	341
10	232	249	232	246	230	e242	268	258	245	262	256	270
11	240	245	382	253	223	e237	255	253	240	260	252	257
12	241	437	304	241	224	e237	248	254	250	251	248	257
13	238	335	256	231	228	e270	246	253	255	255	391	246
14	227	249	265	232	249	e270	239	251	250	262	261	235
15	233	258	245	234	245	e270	232	264	240	259	300	232
16	223	297	244	237	249	e285	228	267	245	268	474	233
17	222	253	227	246	235	278	240	252	250	299	420	232
18	238	242	228	253	231	276	244	246	256	325	288	234
19	240	236	227	251	226	275	243	253	260	279	272	240
20	229	239	242	241	232	283	233	230	251	274	260	230
21	227	240	248	227	386	286	237	254	249	261	265	224
22	231	247	242	232	561	271	230	266	248	258	255	225
23	226	249	241	230	841	267	228	253	253	265	249	228
24	231	233	253	245	e298	259	233	252	247	269	242	227
25	240	236	357	249	e220	247	238	247	254	273	240	237
26	239	234	449	235	e650	246	241	239	257	265	237	248
27	230	253	258	230	e280	256	236	243	254	265	240	235
28	227	238	256	231	e250	257	231	241	251	262	245	223
29	231	254	249	239	e248	244	227	250	250	257	244	225
30	231	249	430	234	---	239	227	251	251	251	245	227
31	222	---	281	252	---	247	---	260	---	267	239	---
TOTAL	7,138	7,596	8,238	7,454	8,464	7,988	8,213	7,681	7,489	8,183	8,511	7,219
MEAN	230	253	266	240	292	258	274	248	250	264	275	241
MAX	241	437	449	270	841	370	674	267	260	325	474	341
MIN	218	223	227	227	220	227	227	230	240	247	237	223
AC-FT	14,160	15,070	16,340	14,790	16,790	15,840	16,290	15,240	14,850	16,230	16,880	14,320

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 2004, BY WATER YEAR (WY)

MEAN	160	162	161	167	171	166	161	157	158	163	167	164
MAX	230	253	266	240	292	258	274	248	250	264	275	241
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)
MIN	79.0	83.2	85.5	91.7	94.7	86.4	80.8	79.1	70.3	73.3	66.8	75.0
(WY)	(1980)	(1980)	(1980)	(1982)	(1981)	(1980)	(1981)	(1979)	(1979)	(1979)	(1979)	(1979)

09419679 LAS VEGAS WASTEWAY NEAR EAST LAS VEGAS, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1979 - 2004	
ANNUAL TOTAL	90,745		94,174			
ANNUAL MEAN	249		257		166	
HIGHEST ANNUAL MEAN					257	2004
LOWEST ANNUAL MEAN					87.3	1981
HIGHEST DAILY MEAN	596	Feb 13	841	Feb 23	841	Feb 23, 2004
LOWEST DAILY MEAN	200	Jan 22	218	Oct 1	45	Aug 22, 1979
ANNUAL SEVEN-DAY MINIMUM	218	Jan 26	227	Oct 1	50	Aug 19, 1979
MAXIMUM PEAK FLOW			1,300	Feb 22	1,300	Feb 22, 2004
MAXIMUM PEAK STAGE			7.30	Feb 22	7.30	Feb 22, 2004
ANNUAL RUNOFF (AC-FT)	180,000		186,800		120,300	
10 PERCENT EXCEEDS	261		275		230	
50 PERCENT EXCEEDS	240		246		169	
90 PERCENT EXCEEDS	229		228		95	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

09419696 DUCK CREEK AT BROADBENT BOULEVARD AT EAST LAS VEGAS, NV

LOCATION.--Lat 36°05'27", long 115°01'23" referenced to North American Datum of 1927, in NE ¼ SW ¼ sec. 26, T.12 S., R.62 E., Clark County, Hydrologic Unit 15010015, on upstream side of culvert, 285 ft east of Broadbent Boulevard, and 1.2 mi upstream from Las Vegas Wash.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--October 1988-September 2000, miscellaneous measurements and annual peak flow; October 2000 to current year. Previously published as "at Tropicana Avenue".

GAGE.--Water-stage recorder. Elevation of gage is 1,605 ft above sea level, from topographic map. See schematic diagram of Lower Colorado River Basins.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Temporary gage installed in July, 2003 at Duck Creek Wetlands Park while new bridge at gage site was being constructed.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,100 ft^3/s, July 8,1999, from slope-area determination of peak flow; minimum daily, 0.18 ft^3/s, July 25, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 100 ft^3/s, August 17, gage height, 4.74 ft; minimum daily discharge, 0.18 ft^3/s, July 25.

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	e5.0	e2.7	1.9	1.2	0.48	0.95	e4.2	0.99	e2.0	e0.30	0.26	5.0
2	e5.1	e2.7	1.8	1.1	0.48	e2.9	e5.1	1.0	e1.8	e0.38	e3.7	4.6
3	e4.9	e2.8	1.7	0.98	0.52	e4.6	e3.6	1.0	e1.6	e0.84	e5.3	4.8
4	e4.9	e2.5	1.7	0.99	0.43	e1.9	e2.7	1.0	0.33	e0.30	e3.9	5.2
5	e4.3	e2.6	1.7	0.92	0.42	0.73	1.0	e1.0	0.32	e0.30	0.19	5.2
6	e4.0	e2.4	1.6	1.0	0.50	0.69	1.0	e0.90	0.29	e1.7	e0.23	4.1
7	e3.9	e2.1	1.6	0.94	0.49	e2.1	1.0	0.81	0.28	e2.2	e0.46	4.8
8	e4.0	e2.3	1.6	0.93	0.48	e1.9	e3.0	0.68	0.26	e0.65	e0.23	e6.2
9	e3.8	e2.8	1.6	0.93	0.47	0.62	e5.7	0.54	0.26	e0.57	e0.46	e14
10	e3.7	e3.8	e2.3	0.91	0.47	0.62	e2.1	0.54	0.23	e0.84	0.22	e14
11	e3.7	e5.3	e3.4	0.92	0.42	0.62	0.81	0.50	e0.32	e1.1	e2.3	10
12	e3.3	8.3	e2.9	0.84	0.44	0.69	0.77	0.54	e0.54	e1.4	0.26	7.1
13	e3.2	7.8	1.6	0.78	0.48	0.67	0.80	0.51	e0.62	e2.2	1.00	8.2
14	e3.1	4.8	1.6	0.76	0.51	0.69	0.87	0.50	e0.98	e2.9	0.67	9.1
15	e3.2	4.1	1.4	0.76	0.49	0.68	0.92	0.47	e0.83	e3.3	0.55	e8.1
16	e3.2	4.3	1.3	0.75	0.50	0.65	0.92	0.42	e1.1	e5.8	e3.3	e7.9
17	e3.0	2.9	1.3	0.69	1.2	0.62	0.92	0.40	e0.52	e3.1	e5.8	e6.8
18	e2.9	2.2	1.2	0.69	1.8	0.62	0.90	0.37	e0.52	0.21	2.8	e7.0
19	e2.9	1.8	1.2	0.69	1.8	0.62	0.88	0.37	e0.30	0.22	2.3	e4.7
20	e3.1	1.4	1.2	0.66	e2.9	0.65	0.85	0.34	e0.57	0.23	2.2	e4.1
21	e2.6	1.2	1.1	0.61	e4.1	0.58	0.87	0.34	e0.57	e0.35	2.4	e4.5
22	e2.6	1.3	1.1	0.56	e5.6	0.64	0.86	0.30	e1.1	e0.35	2.2	e4.1
23	e2.5	1.2	1.1	0.56	e4.9	0.69	0.92	0.31	e0.57	e0.30	2.1	e4.9
24	e2.3	1.4	1.2	0.62	e2.9	0.69	0.94	0.28	e0.98	e0.46	2.3	6.2
25	e2.3	1.5	1.7	0.58	e2.4	0.69	0.93	0.27	e0.57	0.18	2.7	5.6
26	e2.3	1.5	2.3	0.55	1.5	0.69	0.93	0.26	e0.84	e0.30	2.6	5.8
27	e2.2	1.5	1.3	0.58	1.0	0.69	0.92	0.24	e0.83	e0.35	2.8	6.5
28	e2.1	1.6	1.3	0.55	1.0	0.70	0.92	e0.72	e0.84	e0.23	3.2	e7.0
29	e2.1	1.7	1.2	0.56	0.94	0.73	0.92	e0.72	e0.38	0.22	3.8	e4.9
30	e2.5	1.7	2.1	0.56	---	0.68	0.92	0.34	e0.29	e0.23	4.9	7.7
31	e2.2	---	1.2	0.51	---	0.67	---	e1.1	---	0.20	5.1	---
TOTAL	100.9	84.2	50.2	23.68	39.62	30.97	47.17	17.76	20.64	31.71	70.23	198.1
MEAN	3.25	2.81	1.62	0.76	1.37	1.00	1.57	0.57	0.69	1.02	2.27	6.60
MAX	5.1	8.3	3.4	1.2	5.6	4.6	5.7	1.1	2.0	5.8	5.8	14
MIN	2.1	1.2	1.1	0.51	0.42	0.58	0.77	0.24	0.23	0.18	0.19	4.1
AC-FT	200	167	100	47	79	61	94	35	41	63	139	393

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2004, BY WATER YEAR (WY)

MEAN	5.35	4.76	4.18	4.48	13.9	6.64	12.3	4.51	4.48	7.10	5.07	5.48
MAX	7.37	7.25	7.12	7.11	26.0	10.4	29.9	6.65	6.46	14.7	7.26	6.60
(WY)	(2003)	(2003)	(2003)	(2003)	(2001)	(2003)	(2003)	(2001)	(2001)	(2001)	(2003)	(2004)
MIN	3.25	2.81	1.62	0.76	1.37	1.00	1.57	0.57	0.69	1.02	2.27	4.66
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2003)

09419696 DUCK CREEK AT BROADBENT BOULEVARD AT EAST LAS VEGAS, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2001 - 2004	
ANNUAL TOTAL	3,194.0		715.18			
ANNUAL MEAN	8.75		1.95		5.77	
HIGHEST ANNUAL MEAN					9.93	2003
LOWEST ANNUAL MEAN					1.95	2004
HIGHEST DAILY MEAN	580	Apr 15	14	Sep 9	580	Apr 15, 2003
LOWEST DAILY MEAN	1.1	Dec 21	0.18	Jul 25	0.18	Jul 25, 2004
ANNUAL SEVEN-DAY MINIMUM	1.2	Dec 18	0.24	Jul 25	0.24	Jul 25, 2004
MAXIMUM PEAK FLOW			80	Sep 9	3,100	Jul 8, 1999
MAXIMUM PEAK STAGE					8.70	Jul 6, 2001
ANNUAL RUNOFF (AC-FT)	6,340		1,420		4,180	
10 PERCENT EXCEEDS	10		4.9		7.5	
50 PERCENT EXCEEDS	5.6		1.0		5.1	
90 PERCENT EXCEEDS	1.8		0.34		0.68	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

09419700 LAS VEGAS WASH AT PABCO ROAD NEAR HENDERSON, NV

LOCATION.--Lat 36°05'15", long 114°59'06" referenced to North American Datum of 1927, in SE ¼ SW ¼ sec. 30, T.21 S., R.63 E., Clark County, Hydrologic Unit 15010015, on right bank, at low-head dam, 3.5 mi north of Henderson and 6.0 mi upstream from Lake Mead.

DRAINAGE AREA.--2,125 mi^2 of which 607 mi^2 probably is noncontributing.

PERIOD OF RECORD.--May 1957 to September 1983 and, October 1984 to September 1988 (published as "near Henderson"), October 2000 to current year.

GAGE.--Water-stage recorder and low-head concrete dam. Elevation of gage is 1,540 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to October 4, 2000, at several sites and datums within 2.5 mi of current location.

REMARKS.--Records good except for estimated daily discharges, which are poor. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,510 ft^3/s, on basis of slope-area computation of peak flow, July 4, 1975, gage height, 10.67 ft, datum then in use, from floodmarks and rating curve extension above 3,340 ft^3/s; minimum daily, 4.8 ft^3/s, August 17, 1960.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 18,000 ft^3/s, July 8, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,010 ft^3/s, February 23, gage height, 7.67 ft; minimum daily discharge, 225 ft^3/s, October 28.

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	253	233	250	264	251	275	289	264	247	248	250	268
2	258	238	249	269	235	354	890	264	247	249	264	269
3	261	234	246	265	239	286	635	266	246	250	265	270
4	257	234	251	264	229	281	295	263	248	247	265	277
5	247	236	245	253	233	283	283	259	248	251	261	282
6	245	240	249	247	234	287	278	255	244	258	264	282
7	243	246	263	244	247	288	273	251	245	252	267	276
8	241	245	274	241	250	288	271	261	244	247	264	285
9	239	247	269	240	248	289	285	259	243	254	272	454
10	242	247	269	244	243	296	283	260	242	254	255	348
11	239	244	443	253	237	294	276	258	242	246	263	319
12	238	446	310	251	245	295	275	259	242	247	261	310
13	244	322	262	246	255	313	275	256	240	249	441	289
14	237	251	264	248	270	314	277	257	e246	253	290	276
15	244	252	264	247	268	319	279	258	e243	251	322	273
16	237	274	273	255	274	326	279	264	e243	259	565	271
17	238	252	274	257	265	328	289	252	e246	289	505	272
18	240	251	286	263	266	330	279	258	e240	319	314	280
19	239	249	247	260	264	323	280	265	e243	261	303	277
20	239	248	238	269	269	325	272	251	e243	262	289	266
21	240	251	251	263	385	322	275	257	e243	252	296	268
22	240	256	259	268	538	313	263	263	e240	249	282	261
23	235	254	271	268	1,070	312	260	253	239	254	285	267
24	238	248	295	271	271	315	258	254	245	258	283	261
25	240	248	429	277	314	299	266	254	246	256	278	267
26	238	251	660	266	636	301	263	249	246	254	280	275
27	226	262	305	257	294	295	264	254	247	256	273	274
28	225	247	271	257	283	298	266	251	243	252	281	255
29	232	259	e250	258	279	287	265	256	241	249	267	259
30	238	258	308	251	---	286	261	247	247	247	275	268
31	234	---	246	256	---	286	---	249	---	254	279	---
TOTAL	7,467	7,723	8,971	7,972	9,092	9,408	9,204	7,967	7,319	7,927	9,259	8,499
MEAN	241	257	289	257	314	303	307	257	244	256	299	283
MAX	261	446	660	277	1,070	354	890	266	248	319	565	454
MIN	225	233	238	240	229	275	258	247	239	246	250	255
AC-FT	14,810	15,320	17,790	15,810	18,030	18,660	18,260	15,800	14,520	15,720	18,370	16,860

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1957 - 2004, BY WATER YEAR (WY)

MEAN	78.3	84.3	85.3	87.2	92.7	83.2	78.6	72.8	69.2	70.9	81.1	76.6
MAX	242	264	289	288	344	303	307	257	244	256	340	283
(WY)	(2003)	(2003)	(2004)	(2001)	(2001)	(2004)	(2004)	(2004)	(2004)	(2004)	(2003)	(2004)
MIN	17.3	19.5	22.5	22.1	21.8	20.9	18.2	14.5	8.76	7.54	8.19	13.2
(WY)	(1962)	(1963)	(1961)	(1962)	(1962)	(1962)	(1962)	(1962)	(1958)	(1962)	(1962)	(1964)

09419700 LAS VEGAS WASH AT PABCO ROAD NEAR HENDERSON, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1957 - 2004	
ANNUAL TOTAL	95,776		100,808			
ANNUAL MEAN	262		275		80.8	
HIGHEST ANNUAL MEAN					275	2004
LOWEST ANNUAL MEAN					16.9	1962
HIGHEST DAILY MEAN	1,010	Feb 26	1,070	Feb 23	1,430	Jul 4, 1975
LOWEST DAILY MEAN	182	Jun 3	225	Oct 28	4.8	Aug 17, 1960
ANNUAL SEVEN-DAY MINIMUM	192	May 29	232	Oct 26	6.6	Jul 7, 1962
MAXIMUM PEAK FLOW			2,010	Feb 23	6,510	Jul 4, 1975
MAXIMUM PEAK STAGE			7.67	Feb 23	10.67	Jul 4, 1975
ANNUAL RUNOFF (AC-FT)	190,000		200,000		58,530	
10 PERCENT EXCEEDS	314		309		220	
50 PERCENT EXCEEDS	249		260		56	
90 PERCENT EXCEEDS	207		240		17	

e Estimated

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

09419740 C-1 CHANNEL NEAR WARM SPRINGS ROAD AT HENDERSON, NV

LOCATION.--Lat 36°02'41", long 114°57'30" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec. 08, T.22 S., R.63 E., Clark County, Hydrologic Unit 15010015, on left bank, 0.8 mi east of Lake Mead Drive and 0.3 mi south of Warm Springs Road.

DRAINAGE AREA.--3.78 mi^2.

PERIOD OF RECORD.--October 1990 to September 1994 (published as "at Warm Springs Road near Henderson"), May 1995 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,870 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to May 24, 1995, water-stage recorder at site 0.3 mi downstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,700 ft^3/s, August 10, 1997, gage height, 18.44 ft; no flow most of time. Maximum daily precipitation, 2.36 inches, August 10, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 54 ft^3/s, April 2, gage height, 11.24 ft; minimum daily discharge, 0.00 ft^3/s, on many days. Maximum daily precipitation, 1.12 in., April 2.

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	3.1	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	1.3	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	1.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0.00	0.42	0.04	0.00	1.42	0.00	4.40	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.01	0.00	0.00	0.05	0.00	0.15	0.00	0.00	0.00	0.00	0.00
MAX	0.00	0.42	0.04	0.00	1.4	0.00	3.1	0.00	0.00	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.8	0.08	0.00	2.8	0.00	8.7	0.00	0.00	0.00	0.00	0.00
†	0.00	0.80	0.68	0.08	1.80	0.20	1.40	0.00	0.08	0.00	0.08	0.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2004, BY WATER YEAR (WY)

MEAN	0.21	0.05	0.22	1.63	0.52	0.81	3.73	0.93	1.26	4.13	4.41	2.18
MAX	1.53	0.57	2.52	20.2	2.96	8.24	48.3	12.1	17.6	56.2	45.9	25.1
(WY)	(2003)	(2002)	(2002)	(2002)	(2002)	(1992)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1991)	(1991)	(1992)	(1994)	(1994)	(1994)	(1991)	(1991)	(1992)	(1991)	(1994)	(1992)

09419740 C-1 CHANNEL NEAR WARM SPRINGS ROAD AT HENDERSON, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1990 - 2004	
ANNUAL TOTAL	39.09		6.28			
ANNUAL MEAN	0.11		0.02		1.76	
HIGHEST ANNUAL MEAN					19.5	2002
LOWEST ANNUAL MEAN					0.00	1994
HIGHEST DAILY MEAN	18	Sep 4	3.1	Apr 2	417	Aug 10, 1997
LOWEST DAILY MEAN	0.00	Jan 1	0.00	Oct 1	0.00	Oct 1, 1990
ANNUAL SEVEN-DAY MINIMUM	0.00	Jan 1	0.00	Oct 1	0.00	Oct 1, 1990
MAXIMUM PEAK FLOW			54	Apr 2	2,700	Aug 10, 1997
MAXIMUM PEAK STAGE			11.24	Apr 2	18.44	Aug 10, 1997
ANNUAL RUNOFF (AC-FT)	78		12		1,270	
10 PERCENT EXCEEDS	0.00		0.00		0.00	
50 PERCENT EXCEEDS	0.00		0.00		0.00	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

e Estimated
† Precipitaiton total, in inches.

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

09419756 LAS VEGAS WASH OVERFLOW AT LAKE LAS VEGAS INLET

LOCATION.--Lat 36°06'09", long 114°56'01" referenced to North American Datum of 1927, in SE ¼ SW ¼ sec. 22, T.21 S., R.63 E., Clark County, Hydrologic Unit 15010015, on right end of weir at Lake Las Vegas Inlet structure, about 3.5 mi northeast of Henderson.

DRAINAGE AREA.--2,190 mi^2.

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,400 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 17,000 ft^3/s, July 8, 1999, gage height, 40.04 ft; no flow most of time.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,200 ft^3/s, February 23, gage height, 28.84 ft; minimum daily discharge, 0.00 ft^3/s, most days.

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	343	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	253	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	3.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	539	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	93	0.00	1.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0.00	100.00	93.00	0.00	544.10	0.00	596.25	0.00	0.00	0.00	144.00	19.00
MEAN	0.00	3.33	3.00	0.00	18.8	0.00	19.9	0.00	0.00	0.00	4.65	0.63
MAX	0.00	79	93	0.00	539	0.00	343	0.00	0.00	0.00	103	19
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	198	184	0.00	1,080	0.00	1,180	0.00	0.00	0.00	286	38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2004, BY WATER YEAR (WY)

MEAN	0.00	0.56	0.23	1.87	14.2	3.87	1.53	0.00	0.00	11.8	1.14	5.88
MAX	0.01	3.97	3.00	23.5	64.4	46.2	19.9	0.00	0.00	146	8.42	75.1
(WY)	(1993)	(1997)	(2004)	(1995)	(2000)	(1992)	(2004)	(1992)	(1992)	(1999)	(2003)	(1998)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1992)	(1992)	(1992)	(1993)	(1995)	(1993)	(1992)	(1992)	(1992)	(1992)	(1992)	(1992)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1992 - 2004	
ANNUAL TOTAL	1,104.00		1,496.35			
ANNUAL MEAN	3.02		4.09		3.36	
HIGHEST ANNUAL MEAN					12.4	1999
LOWEST ANNUAL MEAN					0.00	1996
HIGHEST DAILY MEAN	306	Feb 26	539	Feb 23	4,100	Jul 8, 1999
LOWEST DAILY MEAN	0.00	Jan 1	0.00	Oct 1	0.00	Oct 1, 1991
ANNUAL SEVEN-DAY MINIMUM	0.00	Jan 1	0.00	Oct 1	0.00	Oct 1, 1991
MAXIMUM PEAK FLOW			2,200	Feb 23	17,000	Jul 8, 1999
MAXIMUM PEAK STAGE			28.84	Feb 23	40.04	Jul 8, 1999
ANNUAL RUNOFF (AC-FT)	2,190		2,970		2,430	
10 PERCENT EXCEEDS	0.00		0.00		0.00	
50 PERCENT EXCEEDS	0.00		0.00		0.00	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

09419800 LAS VEGAS WASH BELOW LAKE LAS VEGAS NEAR BOULDER CITY, NV

LOCATION.--Lat 36°07'20", long 114°54'15" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec. 14, T.21 S., R.63 E., Clark County, Hydrologic Unit 15010015, in Lake Mead Recreation Area, on right bank, under bridge at North Shore Road, and 11.0 mi northeast of Boulder City.

DRAINAGE AREA.--2,193 mi^2 of which 607 mi^2 probably is noncontributing.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1969 to September 1984, July 2002 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,280 ft above National Geodetic Vertical Datum of 1929, from topographic map.
REMARKS.--Records good except for estimated daily discharges, which are poor. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,760 ft^3/s, August 14, 1984, gage height, 11.32 ft, from slope-area measurement of peak flow; minimum daily, 17 ft^3/s, July 8, 30, 1971.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 10,800 ft^3/s, July 8, 1999, from slope-area measurement of peak flow.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,780 ft^3/s, April 2, gage height, 6.84 ft; minimum daily discharge, 204 ft^3/s, June 9.

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	267	283	288	284	272	281	263	e295	215	254	216	215
2	290	298	279	287	262	382	702	e305	221	245	227	214
3	307	280	273	289	268	282	620	e295	229	250	229	232
4	324	249	255	292	264	270	381	283	224	245	225	238
5	299	247	257	264	260	268	319	260	225	246	221	243
6	289	259	260	244	264	269	280	252	212	254	222	237
7	262	266	274	225	285	270	312	237	213	248	224	222
8	257	267	282	223	285	269	289	253	205	241	222	225
9	255	273	280	220	291	266	315	250	204	232	229	313
10	262	272	275	229	291	272	286	251	213	230	217	326
11	257	266	354	242	281	266	304	247	223	224	219	274
12	264	334	386	239	289	259	308	232	227	225	215	274
13	264	358	269	240	303	274	287	226	234	237	339	264
14	259	262	267	243	326	267	288	222	217	232	232	246
15	255	288	269	241	327	265	290	228	211	235	234	245
16	249	294	266	244	338	270	285	237	209	241	331	237
17	251	264	251	248	338	270	298	226	214	253	406	231
18	259	265	255	252	326	272	298	229	e230	278	255	231
19	260	264	253	241	292	255	299	239	e230	231	245	230
20	255	262	271	249	294	270	297	223	e230	231	230	231
21	253	268	294	238	417	284	305	236	e230	224	234	231
22	258	273	301	237	492	283	290	247	228	218	217	231
23	255	268	297	241	923	276	293	225	228	223	211	235
24	253	264	294	251	537	275	291	226	228	223	215	237
25	260	260	294	259	493	255	307	224	231	223	213	235
26	255	271	510	254	847	260	316	207	251	219	220	245
27	242	291	282	248	327	264	311	219	256	221	216	247
28	240	276	276	255	293	269	302	217	255	221	222	234
29	262	291	267	255	287	263	318	225	262	214	215	237
30	290	305	419	251	---	261	e300	217	278	224	221	245
31	289	---	307	271	---	253	---	218	---	224	224	---
TOTAL	8,242	8,318	9,105	7,756	10,472	8,440	9,754	7,451	6,833	7,266	7,346	7,305
MEAN	266	277	294	250	361	272	325	240	228	234	237	244
MAX	324	358	510	292	923	382	702	305	278	278	406	326
MIN	240	247	251	220	260	253	263	207	204	214	211	214
AC-FT	16,350	16,500	18,060	15,380	20,770	16,740	19,350	14,780	13,550	14,410	14,570	14,490

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 2004, BY WATER YEAR (WY)

MEAN	105	105	112	110	122	111	105	94.3	86.5	106	108	108
MAX	266	277	294	274	361	287	325	245	234	272	282	290
(WY)	(2004)	(2004)	(2004)	(2003)	(2004)	(2003)	(2004)	(2003)	(2003)	(2002)	(2002)	(2002)
MIN	51.6	54.5	57.0	60.4	57.0	49.2	44.2	39.9	35.7	27.3	33.5	38.0
(WY)	(1971)	(1970)	(1970)	(1970)	(1970)	(1972)	(1971)	(1972)	(1974)	(1971)	(1969)	(1970)

09419800 LAS VEGAS WASH BELOW LAKE LAS VEGAS NEAR BOULDER CITY, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1969 - 2004	
ANNUAL TOTAL	97,531		98,288			
ANNUAL MEAN	267		269		104	
HIGHEST ANNUAL MEAN					269	2004
LOWEST ANNUAL MEAN					48.6	1971
HIGHEST DAILY MEAN	773	Feb 13	923	Feb 23	1,400	Jul 23, 1984
LOWEST DAILY MEAN	205	Jul 13	204	Jun 9	17	Jul 8, 1971
ANNUAL SEVEN-DAY MINIMUM	211	Jul 9	214	Jun 5	21	Jul 4, 1971
MAXIMUM PEAK FLOW			1,780	Apr 2	7,760	Aug 14, 1984
MAXIMUM PEAK STAGE			6.84	Apr 2	11.32	Aug 14, 1984
ANNUAL RUNOFF (AC-FT)	193,500		195,000		75,370	
10 PERCENT EXCEEDS	300		307		230	
50 PERCENT EXCEEDS	260		257		87	
90 PERCENT EXCEEDS	229		221		49	

e Estimated

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 1964 to January 1965, September 1966 to February 1986, November 2001 to August 2002, May to September 2004.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1975 to March 1976, November 1976 to April 1978, and August 1979 to February 1986.
WATER TEMPERATURE: November 1979 to February 1986.

REMARKS.--Discharge includes sewage effluent and wastewater from industrial plants. City and county sewage plants implemented chemical removal of phosphorus from effluent during water year 1981.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 6,140 microsiemens/cm February 7, 1976; minimum daily, 1,390 microsiemens/cm July 7, 1985.
WATER TEMPERATURE: Maximum, 30.5°C July 11, 12, 1985; minimum, 7.5°C February 8, 1982, January 19, 21, 1984.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Sample type	[a]Isobutyl alcohol -d6, surrog, wat unf pct rcv (62835)	Methyl acetate water unfltrd ug/L (77032)	tert-Amyl alcohol water unfltrd ug/L (77073)	tert-Butyl alcohol water unfltrd ug/L (77035)	[a]1,2-Dichloroethane-d4, sur Sch2090 wat unf pct rcv (99832)	[a]14Bromofluorobenzene surrog. VOC Sch wat unf pct rcv (99834)	Acetone water unfltrd ug/L (81552)
MAY									
26...	1010	Environmental	108	<2.0	<.4	<1.00	98.9	94.9	2
JUN									
03...	1230	Environmental	104	<2.0	<.4	<1.00	98.5	93.2	2
24...	1715	Environmental	91.4	<.4	<.4	<1.00	98.1	100	2
JUL									
07...	1450	Environmental	96.6	<.4	<.4	<1.00	104	98.1	2
SEP									
07...	1425	Environmental	96.6	<.4	<.4	<1.00	99.1	102	2

Date	Benzene water unfltrd ug/L (34030)	Diisopropyl ether, water, unfltrd ug/L (81577)	Ethylbenzene water unfltrd ug/L (34371)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	o-Xylene, water, unfltrd ug/L (77135)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	Toluene water unfltrd ug/L (34010)	[a]Toluene-d8, surrog, Sch2090 wat unf percent recovry (99833)
MAY										
26...	<.01	<.08	<.03	<.07	<.07	<.04	<.1	<.08	.06	99.7
JUN										
03...	<.01	<.08	<.03	<.07	<.07	<.04	<.1	<.08	.05	100
24...	<.01	<.08	<.03	<.07	<.07	<.04	<.1	<.08	.06	103
JUL										
07...	<.01	<.08	<.03	<.07	<.07	<.04	<.1	<.08	.05	99.5
SEP										
07...	<.01	<.08	<.03	<.07	<.07	<.04	<.1	<.08	E.02	103

Remark codes used in this table:
< -- Less than
E -- Estimated value

[a] -- Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAKE MEAD

09421000 LAKE MEAD AT HOOVER DAM, AZ-NV

LOCATION.--Lat 36°00'58", long 114°44'13" referenced to North American Datum of 1927, Clark County, Hydrologic Unit 15010005, in powerhouse at downstream side of Hoover Dam.

DRAINAGE AREA.--171,700 mi^2 including 3,959 mi^2 in Great Divide basin in southern Wyoming, which is noncontributing (previously considered part of the Missouri River basin).

PERIOD OF RECORD.--Contents: February 1935 to current year. Diversions (monthly totals only): to Boulder City area, since October 1935; to Henderson and Las Vegas areas, since April 1942; combined diversions since October 1968. Prior to 1946 published as "at Boulder Dam."

REVISED RECORDS.--WSP 899: 1935-39.

GAGE.--Water-stage indicator read once daily at midnight, with supplementary water-stage recorder. Datum of gage is 0.00 ft to Local Powerhouse datum.

REMARKS.--Reservoir is formed by concrete arch-gravity dam; storage began February 1, 1935; dam completed March 1, 1936. Total capacity (based on 1963-64 resurvey by Coast and Geodetic Survey; capacity table put into use April 1, 1967), 29,755,000 acre-ft, consisting of the following: Dead storage, 2,378,000 acre-ft below gage height 895.0 ft--gate sills in outlet towers; usable contents, 26,159,000 acre-ft between gage heights 895.0 ft and 1,221.4 ft (top of automatic spillway gates in raised position); uncontrolled storage, 1,218,000 acre-ft between gage heights 1,221.4 ft and 1,229.0 ft (maximum water surface). Reservoir is used to store water for flood control, irrigation, municipal water supply, power development, and recreation. Figures given herein represent usable contents. See schematic diagram of Lower Colorado River Basins.

DIVERSIONS FROM LAKE MEAD.-- Diversions to Boulder City area at dam; diversions to Henderson and Las Vegas areas from intakes 6 mi upstream. Diversions measured by Venturi meters. Water used for municipal and industrial purposes.

COOPERATION.--Records of gage height and contents furnished by Bureau of Reclamation. Records of diversions from Lake Mead furnished by Bureau of Reclamation and Colorado River Commission of Nevada.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 27,790,000 acre-ft, July 29, 30, 1941 (on basis of original bathymetry), gage height, 1,220.45 ft; maximum gage height, 1,225.85 ft, July 24, 1983 (equivalent to 26,868,000 acre-ft on basis of resurveyed bathymetry of 1963-64); minimum contents (since 1940), 10,695,000 acre-ft, April 26, 1956, gage height, 1,083.21 ft.

EXTREMES FOR CURRENT YEAR.-- Maximum contents, 15,647,000 acre-ft, October 12, gage height 1,142.39 ft; minimum, 13,924,000 acre-ft, July 30, 31, gage height, 1,125.73 ft.

RESERVOIR STORAGE, THOUSAND ACRE FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15,612	15,514	15,334	15,306	15,437	15,399	15,252	14,850	14,309	14,025	13,935	14,025
2	15,621	15,513	15,326	15,306	15,438	15,390	15,251	14,828	14,284	14,023	13,932	14,032
3	15,625	15,500	15,323	15,315	15,433	15,383	15,237	14,810	14,265	14,031	13,931	14,032
4	15,627	15,489	15,330	15,319	15,435	15,387	15,234	14,788	14,267	14,036	13,932	14,035
5	15,632	15,479	15,330	15,319	15,436	15,401	15,221	14,774	14,266	14,026	13,936	14,035
6	15,638	15,468	15,327	15,314	15,432	15,402	15,205	14,755	14,272	14,012	13,943	14,037
7	15,638	15,466	15,334	15,324	15,436	15,396	15,192	14,730	14,279	14,012	13,956	14,033
8	15,637	15,466	15,334	15,323	15,439	15,386	15,182	14,719	14,270	14,009	13,969	14,022
9	15,638	15,459	15,326	15,327	15,444	15,380	15,175	14,707	14,272	14,005	13,972	14,004
10	15,646	15,456	15,319	15,341	15,437	15,369	15,162	14,697	14,256	14,005	13,970	14,001
11	15,645	15,455	15,315	15,349	15,421	15,366	15,155	14,696	14,231	14,006	13,966	13,988
12	15,647	15,451	15,317	15,357	15,419	15,364	15,139	14,674	14,215	13,993	13,967	13,983
13	15,638	15,438	15,314	15,369	15,410	15,369	15,125	14,657	14,204	13,977	13,981	13,984
14	15,639	15,428	15,321	15,378	15,419	15,374	15,114	14,645	14,185	13,967	13,995	13,987
15	15,640	15,429	15,321	15,385	15,429	15,371	15,094	14,629	14,165	13,959	14,005	13,985
16	15,625	15,431	15,307	15,398	15,435	15,359	15,073	14,620	14,150	13,949	14,015	13,980
17	15,624	15,429	15,306	15,404	15,434	15,345	15,065	14,608	14,140	13,958	14,013	13,974
18	15,624	15,422	15,304	15,412	15,434	15,342	15,054	14,590	14,126	13,951	14,021	13,971
19	15,624	15,411	15,302	15,415	15,443	15,335	15,049	14,569	14,130	13,945	14,017	13,967
20	15,617	15,403	15,296	15,422	15,432	15,330	15,026	14,545	14,126	13,952	14,028	13,976
21	15,608	15,382	15,308	15,423	15,436	15,332	15,002	14,532	14,121	13,954	14,034	13,977
22	15,601	15,382	15,305	15,428	15,438	15,323	14,981	14,526	14,108	13,952	14,047	13,970
23	15,598	15,368	15,303	15,440	15,440	15,317	14,958	14,523	14,093	13,947	14,054	13,970
24	15,590	15,355	15,302	15,441	15,437	15,305	14,940	14,508	14,082	13,945	14,058	13,965
25	15,588	15,351	15,299	15,449	15,418	15,301	14,934	14,478	14,074	13,943	14,046	13,960
26	15,589	15,347	15,309	15,443	15,408	15,294	14,916	14,395	14,068	13,940	14,034	13,962
27	15,585	15,337	15,306	15,441	15,394	15,299	14,902	14,421	14,068	13,944	14,023	13,956
28	15,566	15,339	15,302	15,438	15,390	15,293	14,894	14,385	14,066	13,941	14,032	13,950
29	15,544	15,337	15,300	15,436	15,404	15,292	14,884	14,364	14,060	13,931	14,031	13,944
30	15,529	15,337	15,294	15,436	---	15,284	14,866	14,345	14,042	13,924	14,025	13,937
31	15,517	---	15,300	15,434	---	15,255	---	14,324	---	13,924	14,018	---
MAX	15,647	15,514	15,334	15,449	15,444	15,402	15,252	14,850	14,309	14,036	14,058	14,037
MIN	15,517	15,337	15,294	15,306	15,390	15,255	14,866	14,324	14,042	13,924	13,931	13,937
*	1,141.17	1,139.48	1,139.12	1,140.39	1,140.11	1,138.70	1,134.98	1,129.70	1,126.93	1,125.73	1,126.67	1,125.86
#	-101,000	-180,000	-37,000	+134,000	-30,000	-149,000	-389,000	-542,000	-282,000	-118,000	+94,000	-81,000
##	48,065	36,066	34,878	30,693	26,483	35,324	38,463	51,110	45,754	46,842	43,357	38,557

CAL YR	2003	MAX	16,997	MIN	15,294	# -1,821,000	##	469,955
WTR YR	2004	MAX	15,647	MIN	13,924	# -1,681,000	##	475,592

Elevation, in feet above NGVD 1929, at end of month, present datum.
Change in contents, in acre-feet.
* Gage height, in feet, at end of month.

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAKE MEAD

09421500 COLORADO RIVER BELOW HOOVER DAM, AZ-NV

LOCATION.--Lat 36°00'55", long 114°44'16" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec. 03, T.30 N., R.23 W., Clark County, Hydrologic Unit 15010005, in powerhouse at downstream side of Hoover Dam.

DRAINAGE AREA.--171,700 mi^2 including 3,959 mi^2 in Great Divide basin in southern Wyoming, which is noncontributing (previously considered part of the Missouri River basin).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1933 to current year (prior to April 1934, monthly discharge only, published in WSP 1313). Published as "near Willow Beach" 1933-39 and as "below Boulder Dam" 1939-45.

GAGE.--Acoustical velocity meters on each turbine in Hoover Dam. Prior to November 1, 1939, water-stage recorder at site 9 mi downstream at datum 594.8 ft above National Geodetic Vertical Datum of 1929. November 1, 1939, to June 30, 1958, water-stage recorder at site 0.8 mi downstream at datum 600.35 ft above NGVD of 1929. July 1, 1958, to November 7, 1979, totalizing flowmeter on each turbine.

REMARKS.--Flow regulated by Hoover Dam on Lake Mead since February 1, 1935. Many diversions above station for irrigation, industrial, and municipal use. See schematic diagram of Lower Colorado River Basins.

COOPERATION.--Discharge data provided by Bureau of Reclamation, Boulder City, Nevada.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 50,800 ft^3/s, July 29, 1983, no flow at Hoover Dam part of February 10, 1935; minimum daily, 152 ft^3/s, February 10, 1935.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 26,100 ft^3/s, May 28, minimum daily discharge, 4,270 ft^3/s, October 2.

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	7,740	9,670	9,990	7,030	12,700	17,200	16,400	19,200	15,700	14,900	9,730	10,100
2	4,270	8,200	10,800	7,810	14,500	17,500	16,500	22,900	18,200	15,900	12,800	8,970
3	5,850	13,200	10,500	7,390	12,000	11,700	21,100	20,800	17,100	8,730	12,800	8,190
4	5,250	13,400	9,260	10,300	10,100	10,800	14,900	17,400	13,500	8,920	12,800	7,170
5	7,720	11,400	8,450	12,700	13,200	9,880	17,100	17,200	12,700	18,500	12,100	7,040
6	7,050	11,400	7,780	13,600	16,000	14,500	18,500	18,400	8,970	18,600	10,500	7,500
7	8,170	10,200	6,800	9,050	11,600	16,800	18,600	19,400	9,070	13,400	8,680	9,620
8	8,360	7,170	10,200	11,200	12,400	17,700	16,800	15,800	14,600	13,000	9,160	14,500
9	5,350	9,770	13,100	10,700	11,200	15,700	16,900	16,700	11,200	15,400	12,300	14,500
10	5,120	9,390	12,300	7,100	15,200	12,600	16,300	13,100	20,900	13,600	13,400	12,100
11	4,590	10,300	11,300	8,400	16,900	15,500	14,700	18,200	25,600	12,500	14,300	13,200
12	6,180	10,600	10,100	9,060	15,500	16,200	18,800	19,600	21,600	20,300	9,800	11,000
13	12,300	12,600	11,100	8,580	15,500	12,100	16,100	18,300	18,500	20,600	11,400	6,660
14	7,270	13,600	9,730	8,580	10,900	12,600	17,800	15,700	22,400	18,600	8,350	6,730
15	6,650	8,610	11,300	9,600	9,400	15,300	18,800	16,100	20,400	18,600	7,720	7,700
16	14,200	7,740	12,100	9,640	9,830	17,800	21,000	14,500	19,800	19,500	11,800	10,500
17	12,100	9,430	9,770	8,130	12,900	15,900	14,500	14,600	20,300	12,200	14,000	9,950
18	8,410	12,100	10,100	8,640	9,380	15,000	14,800	18,200	18,100	17,000	12,600	6,610
19	7,270	12,700	10,700	11,900	11,500	17,900	13,100	20,000	11,200	20,800	15,000	6,550
20	10,000	14,000	8,350	9,610	18,500	15,900	21,300	19,400	13,700	12,300	15,400	4,590
21	9,640	13,100	9,390	11,700	14,700	14,600	21,600	16,100	14,100	11,100	7,820	9,450
22	10,200	10,200	10,200	9,690	14,300	17,400	22,300	12,800	20,300	16,300	6,340	10,800
23	11,400	13,200	11,700	7,970	14,900	16,700	21,600	9,800	19,300	17,000	8,690	11,000
24	9,010	12,100	9,080	9,480	15,300	14,700	17,800	16,600	19,200	13,800	10,400	12,000
25	5,450	9,130	7,770	9,580	19,700	14,900	17,500	22,600	18,900	16,100	18,200	9,820
26	6,550	12,500	7,780	13,600	21,500	17,900	19,400	23,500	16,300	16,700	20,800	8,730
27	9,580	11,000	11,900	14,800	19,900	13,000	18,000	23,600	13,100	13,200	20,000	10,900
28	16,500	8,240	11,600	12,600	16,100	16,800	14,400	26,100	12,700	13,300	11,200	10,400
29	12,900	8,200	11,700	13,000	10,600	12,900	14,100	21,400	13,800	17,600	11,500	9,480
30	12,600	8,060	11,100	14,500	---	17,100	18,300	19,100	20,200	17,400	17,600	10,500
31	13,700	---	8,280	13,300	---	22,200	---	19,800	---	14,300	17,900	---
TOTAL	271,380	321,210	314,230	319,240	406,210	476,780	529,000	566,900	501,440	480,150	385,090	286,260
MEAN	8,754	10,710	10,140	10,300	14,010	15,380	17,630	18,290	16,710	15,490	12,420	9,542
MAX	16,500	14,000	13,100	14,800	21,500	22,200	22,300	26,100	25,600	20,800	20,800	14,500
MIN	4,270	7,170	6,800	7,030	9,380	9,880	13,100	9,800	8,970	8,730	6,340	4,590
AC-FT	538,300	637,100	623,300	633,200	805,700	945,700	1,049,000	1,124,000	994,600	952,400	763,800	567,800

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1934 - 2004, BY WATER YEAR (WY)

MEAN	11,640	11,590	12,000	12,240	12,680	14,910	16,010	16,360	15,710	15,480	14,920	13,090
MAX	34,250	30,530	33,670	32,700	30,680	28,790	26,290	33,330	34,890	41,870	39,390	36,750
(WY)	(1984)	(1942)	(1942)	(1942)	(1984)	(1984)	(1984)	(1986)	(1984)	(1983)	(1983)	(1983)
MIN	3,109	3,519	4,444	3,540	1,106	5,474	7,297	8,898	9,786	2,783	2,631	3,312
(WY)	(1935)	(1935)	(1935)	(1979)	(1993)	(1993)	(1935)	(1937)	(1940)	(1934)	(1934)	(1934)

09421500 COLORADO RIVER BELOW HOOVER DAM, AZ-NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1934 - 2004	
ANNUAL TOTAL	4,729,960		4,857,890			
ANNUAL MEAN	12,960		13,270		13,950	
HIGHEST ANNUAL MEAN					30,590	1984
LOWEST ANNUAL MEAN					7,674	1935
HIGHEST DAILY MEAN	24,500	Apr 23	26,100	May 28	50,800	Jul 29, 1983
LOWEST DAILY MEAN	4,270	Oct 2	4,270	Oct 2	152	Feb 10, 1935
ANNUAL SEVEN-DAY MINIMUM	6,400	Oct 6	6,400	Oct 6	927	Feb 25, 1980
ANNUAL RUNOFF (AC-FT)	9,382,000		9,636,000		10,100,000	
10 PERCENT EXCEEDS	19,500		19,400		21,600	
50 PERCENT EXCEEDS	12,300		12,800		13,400	
90 PERCENT EXCEEDS	7,760		7,820		6,670	

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1940 to current year.

PERIOD OF DAILY RECORD.--
CHEMICAL ANALYSES: October 1939 to September 1944, October 1950 to September 1957, October 1967 to March 1970.
SPECIFIC CONDUCTANCE: October 1939 to July 1957, October 1977 to September 1987.
WATER TEMPERATURE: October 1941 to July 1957, October 1977 to September 1987.

REMARKS.--Samples collected at gaging station 0.3 mi downstream from Hoover Dam. Unpublished chemical analyses for period October 1939 to September 1940 available from the U.S. Geological Survey in Tucson, Arizona. Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data."

EXTREMES FOR PERIOD OF DAILY RECORD.--(Since October 1977)
SPECIFIC CONDUCTANCE: Maximum, 1,180 microsiemens, cm, June 10, 1980; minimum, 787 microsiemens, cm, April 20, 1987.
WATER TEMPERATURE: Maximum, 21.5°C, July 23, 1983; minimum, 9.0°C, January 10, 1978.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Sample type	Instantaneous discharge, cfs (00061)	UV absorbance, 254 nm, wat flt units /cm (50624)	UV absorbance, 280 nm, wat flt units /cm (61726)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)
NOV												
25...	0915	Environmental	5,830	.041	.027	745	7.4	76	7.9	982	27.5	15.2
MAR												
03...	1115	Environmental	7,400	.045	.031	741	9.6	93	8.1	988	22.0	12.4
JUN												
17...	1115	Environmental	E25,100	.038	.024	738	8.3	83	7.5	1,020	26.0	13.6
SEP												
09...	1030	Environmental	E7,530	.041	.028	747	7.6	75	7.8	1,020	36.0	13.6
09...	1045	**Replicate**	--	--	--	--	--	--	--	--	--	--

Date	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)
NOV													
25...	73.6	27.3	4.29	86.4	136	128	155	83.1	.3	8.51	235	634	.17
MAR													
03...	74.8	28.1	4.66	95.6	137	133	159	84.5	.4	8.73	245	663	.17
JUN													
17...	76.7	29.6	4.57	96.3	137	133	160	85.1	.3	8.51	242	665	.16
SEP													
09...	78.4	28.5	4.64	90.8	140	135	164	83.9	.3	8.33	243	661	.15
09...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Aluminum, water, fltrd, ug/L (01106)
NOV													
25...	.20	<.04	.44	<.008	.03	<.006	.006	.009	.3	<.1	.3	2.8	<2
MAR													
03...	.16	<.04	.44	E.005	<.02	<.006	E.004	.005	.1	<.1	.1	2.6	<2
JUN													
17...	.16	<.04	.42	<.008	<.02	<.006	.004	.005	.1	<.1	.1	2.9	<2
SEP													
09...	.15	<.04	.39	<.008	.03	<.006	<.004	E.003	.2	<.1	.2	3.0	E1
09...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Antimony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Manganese, water, fltrd, ug/L (01056)
NOV													
25...	.22	2.6	137	<.06	122	E.04	<.8	.161	2.8	<6	E.07	42.6	.5
MAR													
03...	.27	2.7	155	<.06	126	<.04	<.8	.203	2.2	<6	E.04	43.5	.3
JUN													
17...	.28	2.4	151	<.06	118	<.04	<.8	.219	2.0	<6	<.08	41.6	.4
SEP													
09...	.29	2.3	158	<.06	118	E.02	<.8	.246	3.7	E4	E.05	40.8	.4
09...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Strontium, water, fltrd, ug/L (01080)	Vanadium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	[a]2,4,5-T surrog, water, fltrd, percent recovry (99958)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Diethylaniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)
NOV													
25...	5.0	1.10	1.9	<.2	1,050	2.5	4.4	81.4	<.009	<.02	<.02	<.006	<.006
MAR													
03...	5.3	2.43	2.3	<.2	1,100	3.0	1.3	90.8	<.009	<.02	<.02	<.006	E.004
JUN													
17...	5.3	1.25	2.0	<.2	1,080	2.1	1.3	85.2	<.009	<.02	<.02	<.006	<.006
SEP													
09...	5.2	1.56	1.8	<.2	1,070	2.0	1.4	90.8	<.009	<.02	<.02	<.006	<.006
09...	--	--	--	--	--	--	--	--	--	--	--	*<.006*	*<.006*

Date	CEAT, water, fltrd, ug/L (04038)	OIET, water, fltrd, ug/L (50355)	3-Hydroxy carbofuran, wat flt 0.7u GF ug/L (49308)	3-Ketocarbofuran, water, fltrd, ug/L (50295)	Acetochlor, water, fltrd, ug/L (49260)	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)	Alachlor, water, fltrd, ug/L (46342)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)	Aldicarb, water, fltrd 0.7u GF ug/L (49312)	alpha-HCH, water, fltrd, ug/L (34253)	[a]alpha-HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065)	Atrazine, water, fltrd, ug/L (39632)
NOV													
25...	<.04	<.008	<.006	<2	<.006	<.007	<.005	<.02	<.008	<.04	<.005	80.5	E.007
MAR													
03...	<.04	<.008	<.006	<2	<.006	<.007	<.005	<.02	<.008	<.04	<.005	90.3	E.007
JUN													
17...	<.01	<.008	<.006	<.014	<.006	<.007	<.005	<.02	<.008	<.04	<.005	96.8	.008
SEP													
09...	<.01	<.008	<.006	<.014	<.006	<.007	<.005	<.02	<.008	<.04	<.005	92.7	E.003
09...	--	--	--	--	*<.006*	--	*<.005*	--	--	--	*<.005*	*91.6*	*E.003*

Date	Azinphos-methyl, water, fltrd 0.7u GF ug/L (82686)	[a]Barban, surrog, Sched. 2060/9060, wat flt pct rcv (90640)	Bendiocarb, water, fltrd, ug/L (50299)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)	Bensulfuron, water, fltrd, ug/L (61693)	Bentazon, water, fltrd 0.7u GF ug/L (38711)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Butylate, water, fltrd, ug/L (04028)	Caffeine, water, fltrd, ug/L (50305)	[a]Caffeine-13C, surrog, wat flt percent recovry (99959)	Carbaryl, water, fltrd 0.7u GF ug/L (49310)
NOV													
25...	<.050	83.0	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.004	.0118	78.9	<.03
MAR													
03...	<.050	90.0	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.004	<.0096	84.1	<.03
JUN													
17...	<.050	64.8	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.004	<.0096	85.9	<.03
SEP													
09...	<.050	98.8	<.03	<.010	<.004	<.02	<.01	<.03	<.02	<.004	<.0096	104	<.03
09...	*<.050*	--	--	*<.010*	--	--	--	--	--	*<.004*	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbofuran, water, fltrd 0.7u GF ug/L (49309)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chloramben methyl ester, water, fltrd, ug/L (61188)	Chlorimuron, water, fltrd, ug/L (50306)	Chloro-diamino-s-triazine, wat flt ug/L (04039)	Chlorothalonil, water, fltrd 0.7u GF ug/L (49306)	Chlorpyrifos water, fltrd, ug/L (38933)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cyanazine, water, fltrd, ug/L (04041)	Cycloate, water, fltrd, ug/L (04031)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)
NOV													
25...	<.041	<.006	<.020	<.02	<.010	<.01	<.04	<.005	<.006	<.01	<.018	<.01	<.01
MAR													
03...	<.041	<.006	<.020	<.02	<.010	<.01	<.04	<.005	<.006	<.01	<.018	<.01	<.01
JUN													
17...	<.041	<.006	<.020	<.02	<.010	<.04	<.04	<.005	<.006	<.01	<.018	<.01	<.01
SEP													
09...	<.041	<.006	<.020	<.02	<.010	<.04	<.04	<.005	<.006	<.01	<.018	<.01	<.01
09...	*<.041*	--	*<.020*	--	--	--	--	*<.005*	*<.006*	--	*<.018*	--	--

Date	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon, water, fltrd, ug/L (39572)	[a]Diazinon-d10 surrog. wat flt 0.7u GF percent recovry (91063)	Dicamba water fltrd 0.7u GF ug/L (38442)	Dichlorprop, water, fltrd 0.7u GF ug/L (49302)	Dieldrin, water, fltrd, ug/L (39381)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethalfluralin, water, fltrd 0.7u GF ug/L (82663)
NOV													
25...	E.003	<.012	<.005	114	<.01	<.01	<.009	<.01	<.03	<.02	<.01	<.004	<.009
MAR													
03...	.003	<.012	<.005	120	<.01	<.01	<.009	<.01	<.03	<.02	<.01	<.004	<.009
JUN													
17...	<.003	<.012	<.005	125	<.01	<.01	<.009	<.01	<.03	<.02	<.01	<.004	<.009
SEP													
09...	<.003	<.012	<.005	97.8	<.01	<.01	<.009	<.01	<.03	<.02	<.01	<.004	<.009
09...	*<.003*	*<.012*	*<.005*	*93.7*	--	--	*<.009*	--	--	*<.02*	--	*<.004*	*<.009*

Date	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulfinyl-fipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flumetsulam, water, fltrd, ug/L (61694)	Fluometuron water fltrd 0.7u GF ug/L (38811)	Fonofos water, fltrd, ug/L (04095)	Imazaquin, water, fltrd, ug/L (50356)	Imazethapyr, water, fltrd, ug/L (50407)	Imidacloprid water, fltrd, ug/L (61695)	Lindane water, fltrd, ug/L (39341)
NOV													
25...	<.005	<.03	<.029	<.013	<.024	<.016	<.01	<.03	<.003	<.02	<.02	<.007	<.004
MAR													
03...	<.005	<.03	<.029	<.013	<.024	<.016	<.01	<.03	<.003	<.02	<.02	<.007	<.004
JUN													
17...	<.005	<.03	<.029	<.013	<.024	<.016	<.01	<.03	<.003	<.02	<.02	<.007	<.004
SEP													
09...	<.005	<.03	<.029	<.013	<.024	<.016	<.01	<.03	<.003	<.02	<.02	<.007	<.004
09...	*<.005*	--	*<.029*	*<.013*	*<.024*	*<.016*	--	--	*<.003*	--	--	--	*<.004*

Date	Linuron water fltrd 0.7u GF ug/L (38478)	Linuron water fltrd 0.7u GF ug/L (82666)	Malathion, water, fltrd, ug/L (39532)	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Metalaxyl, water, fltrd, ug/L (50359)	Methiocarb, water, fltrd 0.7u GF ug/L (38501)	Methomyl, water, fltrd 0.7u GF ug/L (49296)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Metsulfuron, water, fltrd, ug/L (61697)	Molinate, water, fltrd 0.7u GF ug/L (82671)
NOV													
25...	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.015	E.007	<.006	<.03	<.003
MAR													
03...	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.015	E.006	<.006	<.03	<.003
JUN													
17...	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.015	<.013	<.006	<.03	<.003
SEP													
09...	<.01	<.035	<.027	<.02	<.01	<.02	<.008	<.004	<.015	<.013	<.006	<.03	<.003
09...	--	*<.035*	*<.027*	--	--	--	--	--	*<.015*	*<.013*	*<.006*	--	*<.003*

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	N-(4-Chlorophenyl)-N'-methylurea, ug/L (61692)	Napropamide, water, fltrd 0.7u GF ug/L (82684)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nicosulfuron, water, fltrd, ug/L (50364)	Norflurazon, water, fltrd 0.7u GF ug/L (49293)	Oryzalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	p,p'-DDE, water, fltrd, ug/L (34653)	Parathion, water, fltrd, ug/L (39542)	Pebulate, water, fltrd 0.7u GF ug/L (82669)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Picloram, water, fltrd 0.7u GF ug/L (49291)
NOV													
25...	<.02	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010	<.004	<.022	<.011	<.02
MAR													
03...	<.02	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010	<.004	<.022	<.011	<.02
JUN													
17...	<.02	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010	<.004	<.022	<.011	<.02
SEP													
09...	<.02	<.007	<.01	<.01	<.02	<.02	<.01	<.003	<.010	<.004	<.022	<.011	<.02
09...	--	*<.007*	--	--	--	--	--	*<.003*	*<.010*	*<.004*	*<.022*	*<.011*	--

Date	Prometon, water, fltrd, ug/L (04037)	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Propachlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propiconazole, water, fltrd, ug/L (50471)	Propoxur, water, fltrd 0.7u GF ug/L (38538)	Siduron water, fltrd, ug/L (38548)	Simazine, water, fltrd, ug/L (04035)	Sulfometruron, water, fltrd, ug/L (50337)	Tebuthiuron water fltrd 0.7u GF ug/L (82670)	Terbacil, water, fltrd 0.7u GF ug/L (82665)
NOV													
25...	E.01	<.004	<.025	<.011	<.02	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.034
MAR													
03...	<.01	<.004	<.025	<.011	<.02	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.034
JUN													
17...	<.01	<.004	<.025	<.011	<.02	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.034
SEP													
09...	M	<.004	<.025	<.011	<.02	<.010	<.02	<.008	<.02	<.005	<.009	<.02	<.034
09...	*M*	*<.004*	*<.025*	*<.011*	*<.02*	--	--	--	--	*<.005*	--	*<.02*	*<.034*

Date	Terbacil, water, fltrd, ug/L (04032)	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Thiobencarb water fltrd 0.7u GF ug/L (82681)	Triallate, water, fltrd 0.7u GF ug/L (82678)	Triclopyr, water, fltrd 0.7u GF ug/L (49235)	Trifluralin, water, fltrd 0.7u GF ug/L (82661)	Uranium natural water, fltrd, ug/L (22703)	Suspnd. sediment, sieve diametr percent <.063mm (70331)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
NOV										
25...	<.010	<.02	<.010	<.002	<.02	<.009	4.46	56	2	31
MAR										
03...	<.010	<.02	<.010	<.002	<.02	<.009	4.75	50	.0	.00
JUN										
17...	<.010	<.02	<.010	<.002	<.02	<.009	4.59	46	2	--
SEP										
09...	<.010	<.02	<.010	<.002	<.02	<.009	4.47	62	2	--
09...	--	*<.02*	*<.010*	*<.002*	--	*<.009*	--	--	--	--

Remark codes used in this table:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

[a] -- Listed values are recovery percentages for the indicated compounds. These compounds are added to the sample to determine the relative recovery of other organic compounds that are detected using the same analytical method.

GREAT SALT LAKE, HAMLIN-SNAKE RIVER BASIN VALLEYS

10243260 LEHMAN CREEK NEAR BAKER, NV

LOCATION.--Lat 39°00'42", long 114°12'49" referenced to North American Datum of 1927, in NW ¼ SE ¼ sec. 10, T.13 N., R.69 E., White Pine County, Hydrologic Unit 16020301, in Great Basin National Park, on left bank, 4.8 mi west of Baker.

DRAINAGE AREA.--11 mi^2.

PERIOD OF RECORD.--December 1947 to September 1955, October 1992 to September 1997, July 2002 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,730 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to October 3, 1953, at site 45 ft downstream at same datum.

REMARKS.--Records fair except for estimated ice days which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 80 ft^3/s, June 29, 1995, gage height, 5.01 ft; minimum daily, 0.63 ft^3/s, March 3, 1993

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 10 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
June 3	2115	*12	*3.96	No other peak greater than base discharge.			

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	3.1	2.2	1.8	e1.6	1.5	e1.1	1.5	3.0	8.8	8.0	5.0	3.1
2	3.1	2.1	1.8	e1.6	e1.2	e1.1	1.9	3.5	9.1	8.0	5.2	3.1
3	3.1	2.2	1.8	e1.5	e1.2	1.1	2.5	4.2	9.5	8.0	4.9	3.7
4	3.0	2.1	1.8	e1.5	e1.2	1.0	2.1	5.1	11	7.8	4.9	3.3
5	2.8	2.2	1.8	e1.5	e1.2	1.1	2.0	6.8	9.9	7.7	5.1	3.3
6	2.8	2.2	1.8	e1.4	e1.2	1.1	2.1	7.0	9.7	7.7	4.9	3.1
7	2.7	2.1	1.7	e1.4	e1.2	1.1	2.2	7.3	9.6	7.6	4.9	3.0
8	2.6	2.0	1.7	e1.4	e1.2	1.1	2.2	7.7	8.5	7.5	4.9	3.0
9	2.6	2.0	e1.7	e1.4	e1.2	1.1	2.1	8.0	7.9	7.4	4.7	3.0
10	2.6	2.0	e1.7	e1.5	e1.3	1.2	2.0	8.2	8.9	7.2	4.7	3.0
11	2.6	1.9	e1.7	e1.5	e1.3	1.1	1.9	8.2	8.6	7.3	4.6	3.0
12	2.6	1.9	e1.7	1.6	e1.3	1.2	1.8	8.2	8.4	7.1	4.6	3.0
13	2.5	2.0	e1.7	1.5	e1.3	1.2	1.8	8.0	8.0	7.0	4.5	2.9
14	2.5	1.9	e1.6	1.5	e1.3	1.3	1.9	7.8	7.5	7.1	4.0	2.8
15	2.5	1.9	e1.6	1.5	e1.3	1.3	1.9	7.6	7.3	7.4	4.0	2.8
16	2.4	1.9	e1.6	1.5	e1.3	1.3	1.8	7.5	7.0	7.2	3.7	2.7
17	2.3	1.9	e1.6	e1.5	1.4	1.3	1.8	7.5	7.1	6.9	3.8	2.7
18	2.4	1.9	e1.6	e1.5	1.2	1.3	1.9	7.7	6.7	6.6	4.1	2.7
19	2.3	1.9	e1.6	e1.5	1.1	1.4	1.8	8.0	6.5	6.7	4.2	2.8
20	2.3	1.9	1.8	1.5	1.0	1.4	1.7	8.1	6.2	6.7	4.1	2.9
21	2.4	1.9	1.6	1.5	1.1	1.5	1.7	8.2	6.1	6.7	4.1	2.8
22	2.1	2.1	1.6	e1.5	1.1	1.5	1.7	8.5	6.1	7.3	3.9	2.8
23	2.1	e1.8	e1.6	e1.6	1.2	1.5	1.7	8.4	5.8	6.6	4.0	2.6
24	2.1	e1.8	1.6	e1.6	1.2	1.5	1.6	8.7	6.1	6.2	3.8	2.5
25	2.1	e1.8	1.8	1.6	1.2	1.5	1.6	8.8	6.7	6.1	3.7	2.4
26	2.1	e1.8	e1.7	e1.6	1.2	1.5	1.8	8.6	6.8	5.9	3.7	2.4
27	2.1	1.9	e1.6	e1.6	1.3	1.3	2.1	8.7	7.4	5.8	3.6	2.3
28	2.1	1.9	e1.6	e1.7	e1.2	1.3	2.6	8.6	7.7	5.6	3.5	2.4
29	2.1	2.0	e1.6	1.7	e1.2	1.2	2.9	8.8	8.1	5.8	3.3	2.4
30	2.0	1.9	e1.7	1.7	---	1.2	2.9	8.6	8.2	6.2	3.3	2.4
31	2.1	---	e1.7	1.6	---	1.3	---	8.4	---	5.6	3.2	---
TOTAL	76.1	59.1	52.2	47.6	35.6	39.1	59.5	233.7	235.2	214.7	130.9	84.9
MEAN	2.45	1.97	1.68	1.54	1.23	1.26	1.98	7.54	7.84	6.93	4.22	2.83
MAX	3.1	2.2	1.8	1.7	1.5	1.5	2.9	8.8	11	8.0	5.2	3.7
MIN	2.0	1.8	1.6	1.4	1.0	1.0	1.5	3.0	5.8	5.6	3.2	2.3
AC-FT	151	117	104	94	71	78	118	464	467	426	260	168

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1948 - 2004, BY WATER YEAR (WY)

MEAN	2.62	2.02	1.65	1.38	1.27	1.45	2.43	8.94	16.8	12.1	6.58	4.01
MAX	3.72	2.57	2.37	1.87	1.73	2.72	5.20	20.9	39.2	43.5	18.0	8.41
(WY)	(1996)	(1996)	(1996)	(1996)	(1996)	(1949)	(1952)	(1952)	(1995)	(1995)	(1995)	(1995)
MIN	1.58	1.43	1.13	0.82	0.74	1.04	1.31	1.85	4.19	4.90	3.65	2.09
(WY)	(1954)	(1954)	(2003)	(1954)	(1993)	(1953)	(2003)	(1953)	(1953)	(1953)	(2002)	(1953)

10243260 LEHMAN CREEK NEAR BAKER, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1948 - 2004	
ANNUAL TOTAL	1,505.36		1,268.6			
ANNUAL MEAN	4.12		3.47		5.13	
HIGHEST ANNUAL MEAN					11.0	1995
LOWEST ANNUAL MEAN					2.51	1953
HIGHEST DAILY MEAN	24	May 31	11	Jun 4	62	Jun 27, 1995
LOWEST DAILY MEAN	0.90	Jan 6	1.0	Feb 20	0.63	Mar 3, 1993
ANNUAL SEVEN-DAY MINIMUM	0.93	Jan 1	1.1	Mar 1	0.65	Feb 28, 1993
MAXIMUM PEAK FLOW			12	Jun 3	80	Jun 29, 1995
MAXIMUM PEAK STAGE			3.96	Jun 3	5.01	Jun 29, 1995
ANNUAL RUNOFF (AC-FT)	2,990		2,520		3,720	
10 PERCENT EXCEEDS	10		7.8		13	
50 PERCENT EXCEEDS	2.0		2.2		2.4	
90 PERCENT EXCEEDS	0.95		1.3		1.2	

e Estimated

CENTRAL NEVADA DESERT BASINS, SPRING-STEPTOE VALLEYS

10243700 CLEVE CREEK NEAR ELY, NV

LOCATION.--Lat 39°12'59.68", long 114°31'46.7" referenced to North American Datum of 1983, in SE ¼ SE ¼ sec. 27, T.16 N., R.66 E., White Pine County, Hydrologic Unit 16060008, on right bank, 2.3 mi downstream from North Fork, 4 mi southwest of Cleveland Ranch headquarters, and 18 mi east of Ely.

DRAINAGE AREA.--31.8 mi^2.

PERIOD OF RECORD.--June 1914 to December 1916 (published as Cleveland Creek near Osceola), October 1959 to September 1967, October 1976 to September 1981, December 1982 to September 1987, March 1990 to current year. Crest-stage partial-record station October 1967 to September 1976.

GAGE.--Water-stage recorder. Elevation of gage is 6,140 ft above National Geodetic Vertical Datum of 1929, from topographic map. October 1, 1967, to September 30, 1976, crest-stage gage at same site and datum. Prior to September 13, 1984, at site ¼ mi upstream, at different datum. Prior to April 18, 1985, at different datum. Prior to October 4, 1985, at datum 2.00 ft lower. From November 19, 1986, at site 75 ft downstream at datum, 5.2 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are poor. No diversion above station. Practically entire flow diverted for irrigation by Cleveland Ranch below station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 440 ft^3/s, May 30, 1983, gage height, unknown; minimum daily, 2.7 ft^3/s, December 22, 1990.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 20 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 7	0915	*15	*1.70				

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	5.6	5.5	5.0	e5.4	e4.0	e4.8	8.8	9.7	9.3	5.8	5.1	4.9
2	5.7	5.4	5.0	e5.5	e4.1	4.8	9.1	9.7	9.2	5.8	5.3	4.9
3	5.8	5.5	4.9	e5.5	e4.1	5.0	10	11	9.2	5.8	5.0	6.3
4	5.7	5.4	4.7	e5.6	e4.1	4.9	9.6	12	9.2	5.8	5.1	5.5
5	5.8	5.4	4.9	e5.6	e4.1	4.9	9.5	13	9.2	5.7	5.1	5.3
6	5.7	5.4	4.7	e5.6	e4.1	5.1	9.8	14	9.2	5.6	5.0	5.1
7	5.6	5.4	4.8	e5.6	e4.1	5.6	9.8	14	9.2	5.6	5.0	5.0
8	5.4	5.3	4.6	5.6	e4.1	6.0	9.7	14	9.1	5.6	5.0	5.0
9	5.4	5.3	4.5	5.6	e4.1	6.4	9.6	14	9.0	5.5	5.0	5.0
10	5.4	5.1	e4.5	5.4	e4.2	6.6	9.5	14	9.1	5.5	5.2	5.0
11	5.6	5.1	e4.5	5.1	e4.3	6.6	9.5	14	8.8	5.5	4.8	5.1
12	5.7	5.1	e4.5	4.9	e4.3	6.8	9.3	14	8.6	5.4	5.0	5.1
13	5.6	5.4	e4.4	4.9	e4.3	6.8	9.4	13	8.2	5.4	5.1	5.0
14	5.6	5.3	e4.4	4.8	e4.4	7.2	9.5	13	8.1	5.4	5.1	5.0
15	5.6	5.2	e4.2	4.6	e4.5	7.5	9.5	12	8.0	5.5	5.2	5.0
16	5.6	5.3	e4.0	4.4	e4.6	7.5	9.5	12	8.0	5.6	5.4	4.9
17	5.4	5.1	e4.5	4.5	4.6	7.7	9.5	11	8.7	5.7	5.6	4.9
18	5.4	5.1	e4.8	4.7	4.6	7.9	9.5	11	7.3	5.5	5.6	4.9
19	5.5	5.1	e4.9	4.9	4.7	8.5	9.4	11	6.8	5.5	5.5	5.1
20	5.6	5.0	4.9	4.9	4.6	8.8	9.0	11	6.7	5.3	5.8	5.3
21	5.6	5.0	4.9	5.1	4.7	9.3	9.0	11	6.7	5.3	5.4	5.3
22	5.7	4.5	4.7	e5.2	4.7	9.5	8.9	11	6.6	5.4	5.2	5.3
23	5.6	4.2	4.6	e5.2	4.7	9.4	8.6	11	6.6	5.4	5.3	5.2
24	5.4	e4.8	4.7	e5.2	4.6	9.5	8.4	10	6.5	5.3	5.4	5.1
25	5.7	e4.9	5.0	e5.2	4.7	9.4	8.4	10	6.4	5.2	5.2	5.1
26	5.3	e4.9	e5.0	e5.2	4.9	9.4	8.5	9.8	6.3	5.2	5.1	5.0
27	5.2	4.9	e5.0	e5.2	4.8	9.0	8.9	9.6	6.2	5.4	5.1	5.1
28	5.2	5.3	e5.0	5.2	4.7	8.7	9.4	9.6	6.2	5.3	5.1	5.1
29	5.1	5.2	e5.1	5.1	e4.8	8.2	9.9	9.7	6.2	5.1	5.0	5.2
30	5.2	5.1	e5.2	4.6	---	8.1	9.8	9.6	5.9	5.0	5.0	5.3
31	5.4	---	e5.3	e4.1	---	8.3	---	9.4	---	5.0	4.9	---
TOTAL	171.1	154.2	147.2	158.4	128.5	228.2	279.3	358.1	234.5	169.1	160.6	154.0
MEAN	5.52	5.14	4.75	5.11	4.43	7.36	9.31	11.6	7.82	5.45	5.18	5.13
MAX	5.8	5.5	5.3	5.6	4.9	9.5	10	14	9.3	5.8	5.8	6.3
MIN	5.1	4.2	4.0	4.1	4.0	4.8	8.4	9.4	5.9	5.0	4.8	4.9
AC-FT	339	306	292	314	255	453	554	710	465	335	319	305

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2004, BY WATER YEAR (WY)

MEAN	7.27	7.20	6.76	6.49	6.80	8.42	12.2	22.0	23.0	10.5	7.92	7.27
MAX	16.8	15.3	12.9	11.5	11.8	15.4	30.3	82.9	117	30.0	21.1	16.2
(WY)	(1985)	(1985)	(1985)	(1984)	(1984)	(1984)	(1984)	(1983)	(1983)	(1983)	(1983)	(1983)
MIN	4.54	4.53	4.27	4.05	4.42	4.58	5.20	6.85	5.63	4.60	3.99	3.75
(WY)	(1993)	(1962)	(1961)	(1960)	(1960)	(1991)	(1991)	(1990)	(1992)	(1992)	(1960)	(1960)

10243700 CLEVE CREEK NEAR ELY, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1914 - 2004	
ANNUAL TOTAL	2,664.5		2,343.2			
ANNUAL MEAN	7.30		6.40		10.0	
HIGHEST ANNUAL MEAN					22.2	1984
LOWEST ANNUAL MEAN					5.15	1960
HIGHEST DAILY MEAN	26	May 28	14	May 6	280	May 30, 1983
LOWEST DAILY MEAN	3.9	Feb 9	4.0	Dec 16	2.7	Dec 22, 1990
ANNUAL SEVEN-DAY MINIMUM	4.4	Dec 10	4.1	Jan 31	3.4	Dec 18, 1990
MAXIMUM PEAK FLOW			15	May 7	440	May 30, 1983
MAXIMUM PEAK STAGE			1.70	May 7	1.98	May 14, 2001
ANNUAL RUNOFF (AC-FT)	5,290		4,650		7,250	
10 PERCENT EXCEEDS	12		9.6		17	
50 PERCENT EXCEEDS	5.6		5.4		7.3	
90 PERCENT EXCEEDS	4.9		4.6		4.9	

e Estimated

CENTRAL NEVADA DESERT BASINS, SPRING-STEPTOE VALLEYS

10244950 STEPTOE CREEK NEAR ELY, NV

LOCATION.--Lat 39°12'05.54", long 114°41'20.98" referenced to North American Datum of 1983, in SW ¼ SW ¼ sec. 32, T.16 N., R.65 E., White Pine County, Hydrologic Unit 16060008, in Humboldt National Forest, on left bank, 0.1 mi downstream from Clear Creek, 0.8 mi upstream from Cave Creek, and 11 mi southeast of Ely.

DRAINAGE AREA.--11.1 mi^2.

PERIOD OF RECORD.--June 1966 to current year.
PRECIPITATION: July 1991 to March 1996 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 7,440 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 85 ft^3/s, July 21, 1985, gage height, 3.21 ft; minimum daily, 1.6 ft^3/s, February 20 and 21, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5.7 ft^3/s, June 17, gage height, 1.63 ft; minimum daily discharge, 1.9 ft^3/s, on several days.

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	3.3	3.6	2.8	2.6	2.0	2.1	2.5	2.6	3.8	3.7	3.1	2.5
2	3.4	3.5	2.7	2.7	2.0	2.1	2.5	2.7	4.0	3.6	2.9	2.4
3	3.4	3.6	2.7	2.7	2.0	2.0	2.5	2.7	4.1	3.5	2.8	2.6
4	3.4	3.4	2.7	2.5	2.0	2.0	2.5	3.0	4.2	3.6	2.8	2.6
5	3.3	3.4	2.6	2.6	2.0	2.0	2.5	3.7	4.2	3.4	2.8	2.6
6	3.3	3.4	2.5	2.7	2.0	2.0	2.6	4.2	4.2	3.3	2.8	2.6
7	3.3	3.4	2.6	2.6	2.0	2.0	2.7	4.3	4.2	3.3	2.7	2.5
8	3.3	3.3	2.5	2.3	2.0	2.0	2.7	4.3	4.1	3.3	2.7	2.6
9	3.3	3.3	2.4	2.2	2.0	2.0	2.7	4.6	4.0	3.2	2.7	2.5
10	3.4	3.3	2.5	2.2	2.0	2.0	2.7	4.9	3.9	3.2	2.6	2.5
11	3.4	3.3	2.5	2.2	2.0	2.0	2.7	4.9	3.7	3.2	2.6	2.6
12	3.4	3.1	2.5	2.2	2.0	2.0	2.7	4.7	3.6	3.2	2.6	2.7
13	3.4	3.2	2.5	2.2	2.0	2.1	2.7	4.1	3.6	3.2	2.6	2.7
14	3.6	3.2	2.5	2.1	2.0	2.2	2.7	3.9	3.6	3.2	2.6	2.6
15	3.6	3.2	2.5	2.1	1.9	2.1	2.7	3.8	3.6	3.2	3.0	2.6
16	3.6	3.2	2.3	2.1	1.9	2.1	2.7	3.9	3.6	3.1	2.9	2.6
17	3.6	3.2	2.3	2.1	1.9	2.1	2.7	4.2	4.0	3.1	2.8	2.5
18	3.6	3.1	2.3	2.1	1.9	2.2	2.6	4.8	4.3	3.1	2.8	2.4
19	3.6	3.1	2.3	2.1	1.9	2.2	2.5	4.9	4.1	3.1	2.8	2.6
20	3.4	3.1	2.3	2.1	1.9	2.3	2.5	4.8	4.1	3.1	2.8	2.7
21	3.4	3.0	2.3	2.0	1.9	2.4	2.5	4.6	4.1	3.0	2.8	2.7
22	3.4	2.9	2.2	2.0	1.9	2.5	2.5	4.4	4.1	3.0	2.7	2.6
23	3.4	2.8	2.3	2.0	1.9	2.5	2.5	4.3	3.9	3.1	2.7	2.4
24	3.4	2.8	2.3	2.1	1.9	2.7	2.5	4.1	3.8	3.0	2.6	2.4
25	3.4	2.9	2.3	2.0	1.9	2.6	2.5	4.2	3.8	2.9	2.6	2.4
26	3.4	2.9	2.2	2.0	2.0	2.7	2.5	4.1	3.8	3.1	2.6	2.4
27	3.5	2.7	2.2	2.1	2.1	2.6	2.5	3.8	3.8	3.2	2.6	2.5
28	3.6	2.7	2.3	2.1	2.1	2.5	2.7	4.0	3.8	3.1	2.7	2.4
29	3.6	2.7	2.4	2.0	2.1	2.5	2.7	4.1	3.8	3.1	2.7	2.4
30	3.7	2.8	2.5	2.0	---	2.4	2.7	3.9	3.8	3.0	2.6	2.4
31	3.6	---	2.6	2.0	---	2.4	---	3.8	---	3.0	2.6	---
TOTAL	107.0	94.1	75.6	68.7	57.2	69.3	78.0	126.3	117.6	99.1	84.6	76.0
MEAN	3.45	3.14	2.44	2.22	1.97	2.24	2.60	4.07	3.92	3.20	2.73	2.53
MAX	3.7	3.6	2.8	2.7	2.1	2.7	2.7	4.9	4.3	3.7	3.1	2.7
MIN	3.3	2.7	2.2	2.0	1.9	2.0	2.5	2.6	3.6	2.9	2.6	2.4
AC-FT	212	187	150	136	113	137	155	251	233	197	168	151

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2004, BY WATER YEAR (WY)

MEAN	4.90	4.44	3.93	3.62	3.57	4.01	5.81	11.6	14.5	9.89	6.57	5.31
MAX	10.7	9.74	8.49	7.02	7.09	8.85	13.9	39.7	59.4	33.5	18.0	11.9
(WY)	(1983)	(1983)	(1983)	(1984)	(1984)	(1983)	(1984)	(1983)	(1983)	(1983)	(1983)	(1983)
MIN	2.22	2.04	1.94	1.89	1.81	1.94	2.34	2.48	3.52	2.71	2.20	2.16
(WY)	(1993)	(1993)	(1993)	(1993)	(1993)	(1991)	(1991)	(1991)	(1992)	(1992)	(1992)	(1992)

10244950 STEPTOE CREEK NEAR ELY, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1966 - 2004	
ANNUAL TOTAL	1,418.7		1,053.5			
ANNUAL MEAN	3.89		2.88		6.57	
HIGHEST ANNUAL MEAN					18.9	1983
LOWEST ANNUAL MEAN					2.84	1990
HIGHEST DAILY MEAN	17	May 30	4.9	May 10	73	May 29, 1983
LOWEST DAILY MEAN	2.0	Jan 7	1.9	Feb 15	1.6	Feb 20, 1993
ANNUAL SEVEN-DAY MINIMUM	2.1	Jan 1	1.9	Feb 15	1.7	Feb 20, 1993
MAXIMUM PEAK FLOW			5.7	Jun 17	85	Jul 21, 1985
MAXIMUM PEAK STAGE			1.64	May 10	3.21	May 24, 1983
ANNUAL RUNOFF (AC-FT)	2,810		2,090		4,760	
10 PERCENT EXCEEDS	6.2		3.9		13	
50 PERCENT EXCEEDS	3.4		2.7		4.5	
90 PERCENT EXCEEDS	2.2		2.0		2.6	

CENTRAL NEVADA DESERT BASINS, LONG-RUBY VALLEYS

10245445 ILLIPAH CREEK NEAR HAMILTON, NV

LOCATION (REVISED).--Lat 39°19'03.95", long 115°23'42.21" referenced to North American Datum of 1983, in NE ¼ NW ¼ sec. 25, T.16 N., R.58 E., White Pine County, Hydrologic Unit 16060007, in Humboldt National Forest, on left bank, 4.5 mi southwest of Illipah, 6.7 mi northeast of Hamilton, and 28 mi northwest of Ely.

DRAINAGE AREA.--31.5 mi^2.

PERIOD OF RECORD.--June 1983 to September 1987, January 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,840 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to December 13, 1983 at present site, at datum 1.0 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. No diversions above station.

EXTREMES FOR PERIOD OF RECORD.-- Maximum discharge, 446 ft^3/s, August 22, 1984, gage height, 6.05 ft; minimum daily, 0.3 ft^3/s, November 17, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5.8 ft^3/s, December 4, gage height, 2.21 ft; minimum daily discharge, 1.0 ft^3/s, December 26.

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	2.9	e1.8	1.7	e1.3	1.2	1.4	1.4	1.3	1.7	1.6	1.7	1.8
2	3.0	e1.8	1.9	e1.3	e1.2	1.3	1.4	1.3	1.7	1.6	1.7	1.8
3	3.1	e1.8	1.9	e1.3	e1.2	1.3	2.0	1.3	1.7	1.6	1.7	1.9
4	3.0	e1.8	2.1	1.3	e1.2	1.3	1.6	1.3	1.7	1.6	1.6	1.9
5	3.0	e1.8	1.7	1.2	e1.2	1.3	1.3	1.3	1.7	1.6	1.6	1.8
6	3.1	e1.8	1.7	1.2	1.2	1.4	1.4	1.3	1.7	1.6	1.6	1.8
7	2.9	e1.8	1.7	e1.3	e1.2	1.4	1.3	1.4	1.7	1.6	1.6	1.8
8	2.9	1.9	1.7	e1.3	e1.2	1.4	1.3	1.5	1.7	1.6	1.6	1.8
9	2.8	1.8	e1.7	e1.3	e1.2	1.4	1.3	1.5	1.7	1.6	1.6	1.8
10	2.7	1.9	e1.6	e1.3	1.2	1.4	1.3	1.6	1.7	1.6	1.6	1.8
11	2.8	1.9	e1.5	e1.3	e1.1	1.4	1.2	1.6	1.6	1.6	1.6	1.8
12	2.7	e1.8	e1.4	e1.3	e1.1	1.4	1.2	1.7	1.6	1.7	1.6	1.8
13	2.6	1.8	e1.3	e1.3	e1.2	1.4	1.2	1.6	1.6	1.7	1.7	1.8
14	2.8	1.7	e1.2	e1.3	e1.3	1.4	1.2	1.6	1.6	1.7	1.7	1.8
15	2.8	1.8	e1.1	e1.3	1.5	1.3	1.2	1.7	1.6	1.7	1.8	1.8
16	2.5	1.7	e1.1	e1.3	1.5	1.2	1.2	1.6	1.6	1.7	1.7	1.8
17	2.4	1.7	e1.2	e1.3	1.5	1.2	1.2	1.7	1.6	1.7	1.8	1.8
18	2.2	1.7	e1.3	e1.3	1.5	1.2	1.3	1.7	1.6	1.7	1.7	1.7
19	2.2	1.7	e1.4	e1.3	1.5	1.3	1.2	1.7	1.5	1.7	1.7	1.9
20	2.2	1.7	e1.6	e1.3	1.4	1.2	1.2	1.7	1.5	1.7	1.8	1.9
21	2.2	1.7	1.9	1.4	1.5	1.3	1.2	1.7	1.5	1.7	1.8	1.8
22	2.1	e1.7	1.7	1.4	1.5	1.3	1.3	1.7	1.5	1.7	1.8	1.8
23	2.0	e1.7	1.7	e1.4	1.5	1.3	1.2	1.7	1.5	1.7	1.8	1.8
24	1.9	e1.7	1.7	e1.3	1.5	e1.3	1.2	1.7	1.5	1.7	1.8	1.8
25	1.9	e1.7	1.7	e1.3	1.5	e1.3	1.2	1.8	1.5	1.7	1.8	1.8
26	1.8	e1.7	1.0	1.2	1.5	e1.3	1.2	1.7	1.6	1.6	1.8	1.8
27	1.8	e1.7	1.2	e1.2	1.5	e1.3	1.3	1.7	1.6	1.6	1.8	1.7
28	1.8	e1.7	1.2	e1.2	1.4	e1.3	1.3	1.8	1.6	1.6	1.8	1.7
29	1.8	e1.7	1.2	e1.2	1.3	e1.3	1.3	1.7	1.6	1.6	1.8	1.8
30	1.8	1.7	1.3	e1.2	---	e1.3	1.3	1.7	1.6	1.6	1.8	1.8
31	e1.8	---	e1.3	e1.2	---	1.3	---	1.7	---	1.6	1.8	---
TOTAL	75.5	52.7	46.7	39.8	38.8	40.9	38.9	49.3	48.3	51.0	53.2	54.1
MEAN	2.44	1.76	1.51	1.28	1.34	1.32	1.30	1.59	1.61	1.65	1.72	1.80
MAX	3.1	1.9	2.1	1.4	1.5	1.4	2.0	1.8	1.7	1.7	1.8	1.9
MIN	1.8	1.7	1.0	1.2	1.1	1.2	1.2	1.3	1.5	1.6	1.6	1.7
AC-FT	150	105	93	79	77	81	77	98	96	101	106	107

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2004, BY WATER YEAR (WY)

MEAN	3.17	2.89	2.79	2.55	2.56	2.68	2.68	2.70	3.18	3.17	3.26	3.28
MAX	7.70	6.12	8.25	8.13	8.61	7.59	8.28	7.81	9.40	9.36	9.59	8.38
(WY)	(1984)	(1984)	(1984)	(1984)	(1984)	(1984)	(1984)	(1984)	(1983)	(1983)	(1984)	(1983)
MIN	0.79	0.60	0.30	0.39	0.41	0.67	0.69	0.60	0.63	0.48	0.51	0.63
(WY)	(1993)	(1992)	(1991)	(1993)	(1993)	(1992)	(1992)	(1992)	(1992)	(1992)	(1992)	(1991)

10245445 ILLIPAH CREEK NEAR HAMILTON, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1983 - 2004	
ANNUAL TOTAL	615.39		589.2			
ANNUAL MEAN	1.69		1.61		2.94	
HIGHEST ANNUAL MEAN					8.11	1984
LOWEST ANNUAL MEAN					0.58	1992
HIGHEST DAILY MEAN	6.5	May 11	3.1	Oct 3	46	Aug 22, 1984
LOWEST DAILY MEAN	0.34	Feb 10	1.0	Dec 26	0.03	Nov 17, 1994
ANNUAL SEVEN-DAY MINIMUM	0.53	Feb 4	1.2	Feb 6	0.15	Dec 20, 1990
MAXIMUM PEAK FLOW			5.8	Dec 4	446	Aug 22, 1984
MAXIMUM PEAK STAGE			2.21	Dec 4	6.05	Aug 22, 1984
ANNUAL RUNOFF (AC-FT)	1,220		1,170		2,130	
10 PERCENT EXCEEDS	2.7		1.9		6.7	
50 PERCENT EXCEEDS	1.5		1.6		1.8	
90 PERCENT EXCEEDS	1.2		1.2		0.54	

e Estimated

CENTRAL NEVADA DESERT BASINS, DIAMOND-MONITOR VALLEYS

10245900 PINE CREEK NEAR BELMONT, NV

LOCATION.--Lat 38°47'40", long 116°51'13" referenced to North American Datum of 1927, in NW ¼ SE ¼ sec. 13, T.11 N., R.45 E., Nye County, Hydrologic Unit 16060005, on right bank, 2.9 mi west of Pine Creek Ranch, and 13.8 mi north of Belmont.

DRAINAGE AREA.--12.2 mi^2.

PERIOD OF RECORD.--October 1977 to current year.

GAGE.--Water-stage recorder.

REMARKS.--No estimated daily discharges. Records good. No diversions above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 340 ft^3/s, May 29, 1983, gage height, 4.66 ft; minimum daily, 0.24 ft^3/s, August 26, 1997.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 20 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 9	2130	*12	*1.88				

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	1.4	1.6	1.4	1.2	0.94	0.88	1.4	3.8	9.3	3.8	1.9	1.1
2	1.5	1.4	1.4	1.2	0.93	0.88	1.4	4.3	9.9	3.6	1.8	1.1
3	1.5	1.6	1.4	1.2	0.92	0.88	1.6	5.2	10	3.5	1.8	1.1
4	1.5	1.5	1.4	1.2	0.90	0.88	1.7	6.4	10	3.3	1.7	1.1
5	1.6	1.6	1.4	1.2	0.90	0.89	1.7	8.0	10	3.2	1.6	1.1
6	1.6	1.5	1.4	1.2	0.92	0.91	1.7	10	11	3.1	1.5	1.1
7	1.6	1.5	1.4	1.2	0.92	1.0	1.8	11	10	3.0	1.5	1.0
8	1.6	1.5	1.3	1.2	0.92	1.1	1.8	12	10	2.9	1.5	1.00
9	1.6	1.6	1.3	1.2	0.92	1.3	1.8	12	9.4	2.8	1.4	0.99
10	1.6	1.6	1.4	1.2	0.91	1.3	1.8	12	8.7	2.6	1.4	0.98
11	1.6	1.5	1.4	1.2	0.91	1.2	1.7	11	7.8	2.6	1.4	1.0
12	1.5	1.5	1.3	1.2	0.90	1.2	1.7	11	7.2	2.5	1.3	1.0
13	1.5	1.6	1.3	1.2	0.92	1.1	1.8	10	6.8	2.4	1.4	1.0
14	1.5	1.5	1.3	1.2	0.89	1.2	1.7	9.3	6.8	2.3	1.5	1.0
15	1.5	1.5	1.2	1.2	0.88	1.2	1.7	9.1	6.7	2.5	1.9	1.0
16	1.5	1.5	1.4	1.1	0.90	1.2	1.7	9.0	6.6	3.0	1.8	1.00
17	1.5	1.5	1.4	1.1	0.92	1.2	1.9	9.3	6.6	3.2	1.6	0.98
18	1.5	1.5	1.3	1.1	0.90	1.3	2.0	9.8	6.8	3.7	1.5	1.0
19	1.5	1.5	1.3	1.1	0.89	1.4	2.2	10	6.2	3.5	1.5	1.3
20	1.5	1.5	1.3	1.1	0.88	1.5	2.3	10	5.9	3.3	1.5	1.3
21	1.5	1.4	1.3	1.0	0.88	1.6	2.4	10	5.7	3.1	1.4	1.4
22	1.5	1.0	1.3	0.98	0.88	1.6	2.4	9.5	5.5	2.9	1.3	1.4
23	1.5	1.2	1.3	1.1	0.89	1.6	2.3	9.3	5.2	2.9	1.3	1.4
24	1.5	1.5	1.4	1.1	0.88	1.5	2.3	9.2	4.9	2.8	1.3	1.3
25	1.5	1.5	1.4	1.00	0.88	1.5	2.4	9.1	4.8	2.6	1.3	1.3
26	1.5	1.4	1.3	0.97	0.90	1.4	2.5	8.8	4.6	2.5	1.2	1.3
27	1.5	1.3	1.3	1.0	0.94	1.3	2.7	9.0	4.4	2.5	1.3	1.3
28	1.5	1.4	1.4	0.98	0.91	1.2	3.0	9.9	4.4	2.3	1.2	1.4
29	1.5	1.4	1.4	0.95	0.88	1.2	3.4	9.7	4.2	2.2	1.2	1.7
30	1.5	1.4	1.3	0.92	---	1.2	3.5	9.4	3.9	2.0	1.1	1.7
31	1.5	---	1.3	0.92	---	1.3	---	9.1	---	1.9	1.1	---
TOTAL	47.1	44.0	41.7	34.42	26.21	37.92	62.3	286.2	213.3	88.5	45.2	35.35
MEAN	1.52	1.47	1.35	1.11	0.90	1.22	2.08	9.23	7.11	2.85	1.46	1.18
MAX	1.6	1.6	1.4	1.2	0.94	1.6	3.5	12	11	3.8	1.9	1.7
MIN	1.4	1.0	1.2	0.92	0.88	0.88	1.4	3.8	3.9	1.9	1.1	0.98
AC-FT	93	87	83	68	52	75	124	568	423	176	90	70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2004, BY WATER YEAR (WY)

MEAN	2.17	1.81	1.50	1.31	1.22	1.60	3.04	16.2	21.9	7.28	3.33	2.21
MAX	4.63	3.06	2.47	2.00	1.90	2.71	9.46	43.7	74.7	34.2	10.7	6.41
(WY)	(1985)	(1985)	(1984)	(1984)	(1984)	(1983)	(1985)	(1983)	(1995)	(1998)	(1984)	(1984)
MIN	1.08	0.99	0.98	0.83	0.75	0.89	1.14	1.77	6.38	1.60	0.60	0.83
(WY)	(2003)	(1986)	(1993)	(1987)	(1987)	(1987)	(1991)	(1991)	(1989)	(2000)	(1997)	(1987)

10245900 PINE CREEK NEAR BELMONT, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1978 - 2004	
ANNUAL TOTAL	863.70		962.20			
ANNUAL MEAN	2.37		2.63		5.31	
HIGHEST ANNUAL MEAN					13.8	1983
LOWEST ANNUAL MEAN					2.23	1990
HIGHEST DAILY MEAN	23	May 30	12	May 8	290	May 29, 1983
LOWEST DAILY MEAN	0.79	Feb 8	0.88	Feb 15	0.24	Aug 26, 1997
ANNUAL SEVEN-DAY MINIMUM	0.82	Feb 3	0.88	Feb 19	0.27	Aug 25, 1997
MAXIMUM PEAK FLOW			12	May 9	340	May 29, 1983
MAXIMUM PEAK STAGE			1.88	May 9	4.66	May 29, 1983
ANNUAL RUNOFF (AC-FT)	1,710		1,910		3,850	
10 PERCENT EXCEEDS	3.6		8.2		13	
50 PERCENT EXCEEDS	1.5		1.5		1.9	
90 PERCENT EXCEEDS	0.92		0.94		1.0	

CENTRAL NEVADA DESERT BASINS, DIAMOND-MONITOR VALLEYS

10245910 MOSQUITO CREEK NEAR BELMONT, NV

LOCATION.--Lat 38°48'22", long 116°40'43" referenced to North American Datum of 1927, in NW ¼ SW ¼ sec. 10, T.11 N., R.47 E., Nye County, Hydrologic Unit 16060005, on right bank, 17.9 mi northeast of Belmont, 27.4 mi east of Carvers on State Highway 376, and 59 mi northeast of Tonopah.

DRAINAGE AREA.--15.1 mi^2.

PERIOD OF RECORD.--October 1977 to September 1982, October 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 7,200 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 92 ft^3/s, June 7, 1978, gage height, 3.55 ft; minimum daily, 0.01 ft^3/s, August 9-12, 2004.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 29, 1983; discharge, 119 ft^3/s, gage height, 5.00 ft, runoff from snowmelt.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4.0 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 29	0545	*1.3	*1.12				

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	0.14	0.27	0.31	e0.29	e0.30	0.18	0.61	0.63	0.90	0.33	0.03	0.02
2	0.15	0.26	0.29	e0.29	e0.30	0.16	0.61	0.63	0.81	0.33	0.04	0.02
3	0.18	0.28	0.29	e0.29	e0.30	0.13	0.64	0.65	0.78	0.33	0.03	0.04
4	0.17	0.25	0.30	e0.29	e0.30	0.14	0.61	0.67	0.75	0.32	0.02	0.05
5	0.17	0.27	0.30	e0.29	e0.30	0.15	0.61	0.69	0.72	0.29	0.02	0.05
6	0.17	0.27	0.28	e0.29	e0.30	0.18	0.63	0.72	0.70	0.25	0.02	0.04
7	0.19	0.27	0.27	e0.29	e0.30	0.22	0.61	0.74	0.67	0.21	0.02	0.03
8	0.19	0.27	0.25	e0.29	e0.32	0.29	0.60	0.75	0.68	0.18	0.02	0.03
9	0.20	0.29	0.26	e0.29	e0.32	0.37	0.60	0.81	0.70	0.16	0.01	0.03
10	0.22	0.31	0.30	e0.29	e0.34	0.39	0.61	0.82	0.74	0.14	0.01	0.03
11	0.23	0.27	0.29	e0.29	e0.34	0.36	0.60	0.84	0.73	0.12	0.01	0.03
12	0.23	0.29	e0.29	e0.29	0.32	0.38	0.60	0.86	0.67	0.11	0.01	0.04
13	0.23	0.32	e0.28	e0.29	0.31	0.35	0.61	0.87	0.60	0.10	0.02	0.03
14	0.24	0.31	e0.28	e0.29	0.31	0.38	0.61	0.86	0.66	0.09	0.04	0.04
15	0.24	0.31	0.29	e0.29	0.33	0.42	0.59	0.87	0.83	0.09	0.06	0.05
16	0.24	0.32	0.28	e0.29	0.35	0.42	0.57	0.91	0.69	0.17	0.06	0.04
17	0.24	0.33	0.29	e0.30	0.36	0.44	0.59	0.92	0.67	0.23	0.05	0.04
18	0.22	0.32	e0.28	e0.30	0.36	0.49	0.62	0.96	0.78	0.26	0.05	0.04
19	0.22	0.32	e0.28	e0.30	0.35	0.57	0.66	1.0	0.64	0.23	0.05	0.06
20	0.22	0.32	e0.28	e0.30	0.33	0.64	0.66	1.1	0.56	0.09	0.05	0.07
21	0.22	0.32	e0.28	e0.30	0.30	0.71	0.66	1.1	0.54	0.07	0.05	0.08
22	0.23	0.24	e0.28	e0.30	0.29	0.75	0.65	1.1	0.51	0.06	0.05	0.08
23	0.23	e0.25	0.29	e0.30	0.28	0.74	0.63	1.1	0.47	0.05	0.05	0.08
24	0.24	e0.26	0.29	e0.30	0.27	0.74	0.62	1.1	0.44	0.05	0.05	0.07
25	0.24	e0.27	0.29	e0.30	0.27	0.70	0.63	1.1	0.42	0.05	0.05	0.07
26	0.25	e0.28	e0.28	e0.30	0.27	0.66	0.64	1.1	0.41	0.04	0.04	0.07
27	0.25	0.28	e0.28	e0.30	0.26	0.58	0.67	1.0	0.38	0.04	0.05	0.07
28	0.26	0.31	e0.28	e0.30	0.21	0.52	0.68	1.0	0.39	0.05	0.05	0.07
29	0.25	0.34	e0.28	e0.30	0.20	0.50	0.68	1.2	0.43	0.04	0.04	0.08
30	0.26	0.34	e0.29	e0.30	---	0.51	0.65	1.1	0.35	0.03	0.03	0.09
31	0.27	---	e0.29	e0.30	---	0.53	---	0.97	---	0.03	0.03	---
TOTAL	6.79	8.74	8.82	9.14	8.79	13.60	18.75	28.17	18.62	4.54	1.11	1.54
MEAN	0.22	0.29	0.28	0.29	0.30	0.44	0.62	0.91	0.62	0.15	0.04	0.05
MAX	0.27	0.34	0.31	0.30	0.36	0.75	0.68	1.2	0.90	0.33	0.06	0.09
MIN	0.14	0.24	0.25	0.29	0.20	0.13	0.57	0.63	0.35	0.03	0.01	0.02
AC-FT	13	17	17	18	17	27	37	56	37	9.0	2.2	3.1

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2004, BY WATER YEAR (WY)

MEAN	0.75	0.70	0.57	0.51	0.49	0.65	1.48	6.42	9.71	2.94	1.13	0.72
MAX	1.87	1.67	1.15	1.17	1.02	1.47	3.66	21.8	56.7	16.4	4.79	2.36
(WY)	(1996)	(1996)	(1999)	(1996)	(1988)	(1988)	(1985)	(2001)	(1995)	(1995)	(1995)	(1995)
MIN	0.22	0.21	0.18	0.16	0.09	0.27	0.49	0.91	0.62	0.15	0.04	0.05
(WY)	(2004)	(1978)	(1978)	(1991)	(1987)	(1991)	(2003)	(2004)	(2004)	(2004)	(2004)	(2004)

10245910 MOSQUITO CREEK NEAR BELMONT, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1978 - 2004	
ANNUAL TOTAL	172.85		128.61			
ANNUAL MEAN	0.47		0.35		2.18	
HIGHEST ANNUAL MEAN					7.87	1995
LOWEST ANNUAL MEAN					0.35	2004
HIGHEST DAILY MEAN	2.6	Jun 1	1.2	May 29	79	Jun 8, 1978
LOWEST DAILY MEAN	0.12	Sep 29	0.01	Aug 9	0.01	Aug 9, 2004
ANNUAL SEVEN-DAY MINIMUM	0.13	Sep 24	0.01	Aug 6	0.01	Aug 6, 2004
MAXIMUM PEAK FLOW			1.3	May 29	92	Jun 7, 1978
MAXIMUM PEAK STAGE			1.12	May 29	3.55	Jun 7, 1978
ANNUAL RUNOFF (AC-FT)	343		255		1,580	
10 PERCENT EXCEEDS	1.1		0.72		4.2	
50 PERCENT EXCEEDS	0.30		0.29		0.72	
90 PERCENT EXCEEDS	0.19		0.04		0.28	

e Estimated

CENTRAL NEVADA DESERT BASINS, NORTHERN BIG SMOKY VALLEY

10249280 KINGSTON CREEK BELOW COUGAR CANYON NEAR AUSTIN, NV

LOCATION.--Lat 39°12'45", long 117°06'45" referenced to North American Datum of 1927, in NE ¼ NW ¼ sec. 35, T.16 N., R.43 E., Lander County, Hydrologic Unit 16060004, in Toiyabe National Forest, on left bank, 1.1 mi downstream from Cougar Canyon, and 19 mi southeast of Austin.

DRAINAGE AREA.--23.40 mi^2.

PERIOD OF RECORD.--October 1966 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,480 ft above National Geodetic Vertical Datum of 1929, from topographic map. August 22, 1975, to June 25, 1985, at site 40 ft upstream at datum 5.50 ft lower.

REMARKS.--No estimated daily discharges. Records fair. Two diversions above station. Flow affected by storage in Groves Reservoir, capacity, 190 acre-ft about 4 mi upstream since January 1970, when installation was completed by Nevada Department of Fish and Game for fishery enhancement and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 385 ft^3/s, May 28, 1983, gage height, 3.19 ft; maximum gage height, 3.86 ft, June 3, 1995; minimum daily, 1.7 ft^3/s, December 28, 1966.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 7.9 ft^3/s, May 28, gage height, 1.18 ft; minimum daily discharge, 3.2 ft^3/s, October 29, November 7, 9, 10.

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	4.0	3.3	3.5	3.7	3.6	3.9	4.6	5.2	6.6	6.5	6.2	4.8
2	4.0	3.4	3.6	3.7	3.6	3.9	4.5	5.1	6.5	6.4	6.1	4.8
3	4.0	3.4	3.7	3.7	3.6	3.9	4.4	5.0	6.4	6.5	6.0	4.8
4	4.0	3.3	3.7	3.6	3.7	4.1	4.3	5.2	6.4	6.5	6.0	4.8
5	4.0	3.3	3.7	3.7	3.6	4.2	4.3	5.1	6.5	6.5	5.9	4.8
6	3.9	3.3	3.7	3.8	3.6	4.1	4.3	5.3	6.6	6.4	5.9	4.7
7	3.9	3.2	3.7	3.7	3.7	4.1	4.4	5.2	6.5	6.4	6.0	4.6
8	3.9	3.3	3.7	3.7	3.7	4.1	4.5	5.3	6.5	6.4	6.0	4.5
9	3.9	3.2	3.7	3.7	3.8	4.2	4.4	5.3	6.8	6.4	5.9	4.5
10	3.9	3.2	3.7	3.7	3.8	4.2	4.5	5.3	6.8	6.3	5.8	4.5
11	3.9	3.3	3.7	3.7	3.8	4.3	4.4	5.4	6.8	6.3	5.8	4.4
12	3.9	3.4	3.8	3.7	3.8	4.4	4.3	5.3	6.8	6.3	5.8	4.4
13	3.9	3.4	3.9	3.7	3.8	4.4	4.4	5.1	6.7	6.3	6.2	4.4
14	3.8	3.4	3.9	3.7	3.8	4.3	4.2	5.2	6.7	6.3	5.9	4.5
15	3.8	3.4	3.9	3.7	3.7	4.2	4.3	5.3	6.7	6.2	6.0	4.3
16	3.7	3.4	3.9	3.7	3.7	4.3	4.6	5.4	6.7	6.4	5.9	4.2
17	3.6	3.4	3.9	3.7	3.7	4.3	4.9	5.5	6.8	6.6	5.6	4.1
18	3.5	3.4	3.8	3.7	3.9	4.3	4.8	5.6	6.8	6.6	5.5	4.3
19	3.5	3.4	3.8	3.7	3.8	4.3	4.7	5.7	6.8	6.8	5.5	4.3
20	3.5	3.4	3.8	3.7	3.9	4.4	4.6	5.9	6.8	6.7	5.5	4.3
21	3.5	3.4	3.8	3.7	3.9	4.4	4.8	6.1	6.8	6.5	5.4	4.2
22	3.5	3.6	3.8	3.7	3.9	4.3	4.9	6.0	6.9	6.4	5.4	4.1
23	3.5	3.6	3.8	3.7	3.9	4.3	4.7	6.1	6.7	6.4	5.3	4.0
24	3.5	3.5	3.9	3.7	3.9	4.4	4.6	6.3	6.6	6.4	5.3	4.0
25	3.4	3.5	3.9	3.7	3.9	4.5	4.6	6.4	6.6	6.2	5.2	4.0
26	3.4	3.5	3.7	3.7	3.9	4.6	4.8	6.5	6.6	6.2	5.3	3.9
27	3.4	3.5	3.8	3.6	3.9	4.6	4.9	6.6	6.4	6.2	5.2	3.9
28	3.3	3.5	4.0	3.5	3.8	4.6	5.1	7.1	6.5	6.1	5.2	3.9
29	3.2	3.5	3.9	3.5	3.9	4.6	5.2	7.1	6.5	6.1	5.1	4.0
30	3.3	3.5	3.9	3.6	---	4.3	5.1	7.1	6.5	6.0	5.0	4.0
31	3.3	---	3.7	3.6	---	4.3	---	7.0	---	6.0	4.8	---
TOTAL	113.9	101.9	117.3	114.0	109.6	132.8	138.1	178.7	199.3	197.3	174.7	130.0
MEAN	3.67	3.40	3.78	3.68	3.78	4.28	4.60	5.76	6.64	6.36	5.64	4.33
MAX	4.0	3.6	4.0	3.8	3.9	4.6	5.2	7.1	6.9	6.8	6.2	4.8
MIN	3.2	3.2	3.5	3.5	3.6	3.9	4.2	5.0	6.4	6.0	4.8	3.9
AC-FT	226	202	233	226	217	263	274	354	395	391	347	258

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2004, BY WATER YEAR (WY)

MEAN	6.21	5.57	5.01	4.64	4.51	5.06	7.35	16.9	21.6	13.4	9.41	7.15
MAX	12.9	12.7	10.3	9.62	8.86	11.6	45.3	106	79.7	42.4	19.6	13.6
(WY)	(1984)	(1984)	(1984)	(1984)	(1984)	(1984)	(1984)	(1984)	(1998)	(1998)	(1984)	(1984)
MIN	3.17	3.14	2.85	2.64	2.75	2.96	2.99	4.37	6.09	5.36	4.24	3.76
(WY)	(1967)	(1967)	(1967)	(1967)	(1982)	(1967)	(1967)	(2003)	(2000)	(2000)	(1972)	(1992)

10249280 KINGSTON CREEK BELOW COUGAR CANYON NEAR AUSTIN, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1967 - 2004	
ANNUAL TOTAL	1,662.2		1,707.6			
ANNUAL MEAN	4.55		4.67		8.91	
HIGHEST ANNUAL MEAN					29.3	1984
LOWEST ANNUAL MEAN					4.54	2003
HIGHEST DAILY MEAN	8.9	Jul 8	7.1	May 28	240	May 28, 1983
LOWEST DAILY MEAN	2.7	Jan 13	3.2	Oct 29	1.7	Dec 28, 1966
ANNUAL SEVEN-DAY MINIMUM	2.7	Jan 13	3.3	Nov 4	2.0	Dec 24, 1966
MAXIMUM PEAK FLOW			7.9	May 28	385	May 28, 1983
MAXIMUM PEAK STAGE			1.18	May 28	3.86	Jun 3, 1995
ANNUAL RUNOFF (AC-FT)	3,300		3,390		6,460	
10 PERCENT EXCEEDS	7.7		6.5		14	
50 PERCENT EXCEEDS	3.8		4.3		5.9	
90 PERCENT EXCEEDS	3.0		3.5		3.6	

CENTRAL NEVADA DESERT BASINS, NORTHERN BIG SMOKY VALLEY

10249300 SOUTH TWIN RIVER NEAR ROUND MOUNTAIN, NV

LOCATION.--Lat 38°53'15", long 117°14'40" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec. 22, T.12 N., R.42 E., Nye County, Hydrologic Unit 16060004, in Toiyabe National Forest, on right bank, 600 ft upstream from diversion, 3 mi west of State Highway 376, and 15 mi northwest of Round Mountain.

DRAINAGE AREA.--20 mi^2, approximately.

PERIOD OF RECORD.--1964 (miscellaneous site), 1965 (low-flow, partial-record site), August 1965 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,400 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 510 ft^3/s, May 29, 1983, gage height, 4.39 ft; minimum daily, 0.35 ft^3/s, August 27, 1991.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 20 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 10	0900	*12	*2.07				

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	1.1	1.7	1.5	1.5	e1.4	1.6	4.4	7.4	7.1	3.3	1.5	0.65
2	1.1	1.7	1.6	1.6	e1.4	1.6	4.4	7.5	7.1	3.1	1.5	0.63
3	1.1	1.7	1.6	1.7	e1.4	1.6	5.3	7.9	7.1	3.0	1.4	0.67
4	1.1	1.7	1.5	e1.6	e1.4	1.7	6.5	8.8	7.1	2.8	1.3	0.66
5	1.1	1.7	1.5	e1.6	e1.4	1.7	7.0	9.5	7.1	2.6	1.2	0.63
6	1.0	1.7	1.5	e1.5	e1.5	1.7	6.8	10	6.8	2.5	1.1	0.61
7	1.0	1.7	1.6	1.5	e1.5	1.8	6.7	10	6.6	2.3	1.1	0.59
8	1.00	1.7	1.6	1.5	e1.5	1.8	6.8	11	6.7	2.2	1.0	0.58
9	0.98	1.8	1.7	1.5	e1.5	2.4	6.8	11	6.9	2.2	0.94	0.57
10	1.1	1.8	1.6	1.5	e1.5	3.6	6.6	11	7.5	2.0	0.90	0.58
11	1.1	1.8	1.6	1.5	e1.5	3.7	6.2	11	6.9	1.8	0.83	0.58
12	1.1	1.8	1.6	1.5	e1.5	3.7	5.9	11	6.5	1.8	0.78	0.59
13	1.0	1.9	1.6	1.5	1.5	3.5	5.7	10	6.1	1.6	0.77	0.61
14	1.1	1.8	1.6	1.5	1.5	3.5	5.5	10	5.8	1.4	0.78	0.65
15	1.1	1.8	e1.6	1.6	1.5	3.6	5.3	9.8	5.5	1.4	0.96	0.64
16	1.2	1.8	e1.5	1.6	1.5	3.8	5.1	9.5	5.4	1.8	1.1	0.64
17	1.2	1.9	1.5	1.6	1.5	3.8	5.5	9.3	5.4	4.2	1.2	0.64
18	1.2	1.8	1.4	1.6	1.5	3.9	5.9	9.2	5.4	6.4	1.2	0.70
19	1.2	1.8	1.4	1.6	1.5	4.0	6.5	9.2	5.1	4.6	1.1	0.88
20	1.2	1.8	1.4	1.6	1.5	4.2	6.6	9.4	4.9	3.8	1.1	0.95
21	1.3	1.8	1.4	1.6	1.4	4.5	6.7	9.5	4.7	3.3	1.1	0.97
22	1.3	1.9	1.4	1.6	1.5	5.0	6.5	9.0	4.7	2.9	1.0	1.0
23	1.3	e1.7	1.5	1.5	1.5	5.2	6.1	8.7	4.3	2.6	1.0	1.1
24	1.3	1.7	1.5	1.6	1.5	5.2	5.9	8.6	4.0	2.4	0.98	1.1
25	1.3	1.6	1.5	1.3	1.5	5.1	5.8	8.3	3.8	2.2	0.92	1.2
26	1.3	1.6	1.7	e1.3	1.6	4.9	5.9	8.0	3.7	2.0	0.92	1.3
27	1.3	1.6	e1.7	1.2	1.6	4.6	6.5	7.7	3.5	2.0	0.89	1.3
28	1.2	1.6	e1.7	e1.3	1.6	4.3	7.3	8.2	3.5	2.0	0.83	1.4
29	1.3	1.6	1.8	e1.3	1.6	4.0	7.8	7.9	3.5	1.8	0.81	1.8
30	1.5	1.6	1.5	e1.3	---	3.9	7.6	7.5	3.4	1.6	0.76	1.9
31	1.6	---	1.5	e1.3	---	3.8	---	7.2	---	1.5	0.72	---
TOTAL	36.68	52.1	48.1	46.4	43.3	107.7	185.6	283.1	166.1	79.1	31.69	26.12
MEAN	1.18	1.74	1.55	1.50	1.49	3.47	6.19	9.13	5.54	2.55	1.02	0.87
MAX	1.6	1.9	1.8	1.7	1.6	5.2	7.8	11	7.5	6.4	1.5	1.9
MIN	0.98	1.6	1.4	1.2	1.4	1.6	4.4	7.2	3.4	1.4	0.72	0.57
AC-FT	73	103	95	92	86	214	368	562	329	157	63	52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2004, BY WATER YEAR (WY)

MEAN	2.39	2.58	2.39	2.33	2.66	4.91	9.29	24.4	18.3	6.00	2.78	2.15
MAX	5.37	5.58	5.80	6.25	7.15	17.3	26.5	92.0	80.1	31.8	11.1	6.24
(WY)	(1984)	(1984)	(1984)	(1984)	(2001)	(2001)	(2001)	(1983)	(1998)	(1998)	(1983)	(1983)
MIN	1.18	1.37	1.06	0.92	1.08	1.74	2.93	4.03	4.17	1.37	0.80	0.51
(WY)	(2004)	(1991)	(1991)	(1991)	(1994)	(1991)	(2003)	(1990)	(1990)	(1966)	(2003)	(1987)

10249300 SOUTH TWIN RIVER NEAR ROUND MOUNTAIN, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1965 - 2004	
ANNUAL TOTAL	1,082.56		1,105.99			
ANNUAL MEAN	2.97		3.02		6.70	
HIGHEST ANNUAL MEAN					20.1	1983
LOWEST ANNUAL MEAN					2.40	1990
HIGHEST DAILY MEAN	24	May 29	11	May 8	338	May 29, 1983
LOWEST DAILY MEAN	0.37	Aug 25	0.57	Sep 9	0.35	Aug 27, 1991
ANNUAL SEVEN-DAY MINIMUM	0.39	Aug 19	0.59	Sep 6	0.39	Aug 19, 2003
MAXIMUM PEAK FLOW			12	May 10	510	May 29, 1983
MAXIMUM PEAK STAGE			2.07	May 10	4.39	May 29, 1983
ANNUAL RUNOFF (AC-FT)	2,150		2,190		4,850	
10 PERCENT EXCEEDS	6.3		7.1		15	
50 PERCENT EXCEEDS	1.6		1.6		2.8	
90 PERCENT EXCEEDS	0.89		0.98		1.4	

e Estimated

NORTHERN MOJAVE, UPPER AMARGOSA RIVER BASIN

10251217 AMARGOSA RIVER AT BEATTY, NV

LOCATION.--Lat 36°54'38", long 116°45'23" referenced to North American Datum of 1927, in SW ¼ NW ¼ sec. 07, T.12 S., R.47 E., Nye County, Hydrologic Unit 18090202, on upstream right side of culvert under U. S. Highway 95, approximately 0.5 mi north of intersection of state highway 374 and state highway 95.

DRAINAGE AREA.--458 mi^2.

PERIOD OF RECORD.--August 1993 to April 1995, January 1996 to current year.

GAGE.--Water-stage recorder. Elevation of gage 3,270 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair. See schematic diagram of Northern Mojave, Upper Amargosa River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,000 ft^3/s, March 11, 1995, gage height, 6.93 ft; minimum daily, 0.13 ft^3/s, August 13, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 240 ft^3/s, August 15, gage height, 5.96 ft; minimum daily discharge, 0.18 ft^3/s, on several days.

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	0.41	0.50	0.52	0.80	0.86	0.89	0.72	0.56	0.36	0.28	0.19	0.23
2	0.42	0.50	0.52	0.80	0.91	0.91	0.76	0.53	0.35	0.27	0.18	0.23
3	0.43	0.47	0.50	0.83	1.1	0.89	0.82	0.52	0.33	0.26	0.19	0.21
4	0.43	0.46	0.50	0.83	0.99	0.89	0.79	0.50	0.33	0.31	0.18	0.24
5	0.43	0.46	0.50	0.83	0.98	0.89	0.72	0.50	0.33	0.25	0.18	0.25
6	0.43	0.46	0.50	0.83	1.0	0.89	0.71	0.49	0.32	0.24	0.18	0.25
7	0.42	0.46	0.50	0.83	1.0	0.88	0.77	0.49	0.32	0.22	0.18	0.24
8	0.42	0.48	0.53	0.83	1.0	0.84	0.77	0.47	0.31	0.23	0.18	0.24
9	0.42	0.50	0.54	0.83	1.0	0.84	0.76	0.46	0.34	0.21	0.18	0.26
10	0.43	0.49	0.54	0.83	1.0	0.83	0.72	0.47	0.34	0.22	0.18	0.28
11	0.44	0.48	0.54	0.83	1.0	0.83	0.69	0.49	0.32	0.22	0.18	0.29
12	0.44	0.54	0.54	0.79	1.0	0.83	0.69	0.50	0.33	0.32	0.19	0.28
13	0.43	0.56	0.54	0.77	1.0	0.83	0.69	0.50	0.33	0.20	0.22	0.26
14	0.45	0.50	0.58	0.77	1.0	0.83	0.70	0.50	0.32	0.20	0.26	0.25
15	0.45	0.51	0.62	0.77	1.0	0.80	0.71	0.47	0.33	0.21	39	0.25
16	0.44	0.61	0.67	0.77	1.0	0.81	0.68	0.47	0.34	0.24	0.44	0.25
17	0.44	0.52	0.67	0.77	1.0	0.78	0.68	0.47	0.33	0.23	0.29	0.24
18	0.44	0.50	0.67	0.77	1.0	0.78	0.68	0.46	0.32	0.21	0.29	0.24
19	0.45	0.50	0.67	0.78	1.0	0.77	0.67	0.44	0.30	0.20	0.29	0.25
20	0.45	0.50	0.62	0.77	1.0	0.77	0.67	0.44	0.30	0.18	0.27	0.27
21	0.45	0.52	0.62	0.80	1.0	0.75	0.65	0.44	0.30	0.18	0.26	0.27
22	0.44	0.54	0.62	0.83	1.0	0.73	0.64	0.43	0.30	0.18	0.26	0.27
23	0.44	0.54	0.65	0.83	1.1	0.72	0.64	0.43	0.30	0.18	0.27	0.26
24	0.44	0.54	0.67	0.83	1.0	0.72	0.63	0.42	0.31	0.19	0.29	0.26
25	0.44	0.54	0.73	0.83	1.0	0.72	0.60	0.42	0.30	0.20	0.26	0.25
26	0.45	0.52	0.76	0.83	1.6	0.72	0.58	0.40	0.29	0.20	0.26	0.24
27	0.45	0.50	0.67	0.83	8.6	0.77	0.58	0.39	0.28	0.20	0.22	0.24
28	0.45	0.51	0.69	0.83	2.9	0.77	0.60	0.40	0.28	0.19	0.24	0.24
29	0.46	0.52	0.75	0.83	1.4	0.76	0.58	0.39	0.28	0.19	0.24	0.26
30	0.48	0.51	0.77	0.83	---	0.76	0.57	0.38	0.28	0.18	0.24	0.27
31	0.49	---	0.77	0.86	---	0.72	---	0.37	---	0.18	0.24	---
TOTAL	13.66	15.24	18.97	25.16	39.44	24.92	20.47	14.20	9.47	6.77	46.03	7.57
MEAN	0.44	0.51	0.61	0.81	1.36	0.80	0.68	0.46	0.32	0.22	1.48	0.25
MAX	0.49	0.61	0.77	0.86	8.6	0.91	0.82	0.56	0.36	0.32	39	0.29
MIN	0.41	0.46	0.50	0.77	0.86	0.72	0.57	0.37	0.28	0.18	0.18	0.21
AC-FT	27	30	38	50	78	49	41	28	19	13	91	15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2004, BY WATER YEAR (WY)

MEAN	0.48	0.57	0.74	1.01	1.31	1.92	0.86	0.65	0.44	0.48	0.47	0.39
MAX	0.83	0.72	1.05	2.34	4.10	9.78	1.08	0.93	0.74	1.34	1.48	0.62
(WY)	(1999)	(1999)	(1995)	(1995)	(1998)	(1995)	(1998)	(1998)	(1998)	(1999)	(2004)	(1999)
MIN	0.32	0.41	0.55	0.67	0.47	0.73	0.68	0.46	0.27	0.20	0.17	0.23
(WY)	(1997)	(2003)	(2003)	(1997)	(1995)	(1999)	(2004)	(1996)	(1996)	(1996)	(1996)	(1996)

10251217 AMARGOSA RIVER AT BEATTY, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1993 - 2004	
ANNUAL TOTAL	247.66		241.90			
ANNUAL MEAN	0.68		0.66		0.72	
HIGHEST ANNUAL MEAN					0.98	1998
LOWEST ANNUAL MEAN					0.49	1997
HIGHEST DAILY MEAN	16	Mar 16	39	Aug 15	231	Mar 11, 1995
LOWEST DAILY MEAN	0.34	Jul 15	0.18	Jul 20	0.13	Aug 13, 1997
ANNUAL SEVEN-DAY MINIMUM	0.35	Jul 11	0.18	Aug 4	0.14	Aug 23, 1997
MAXIMUM PEAK FLOW			240	Aug 15	1,000	Mar 11, 1995
MAXIMUM PEAK STAGE			5.96	Aug 15	6.93	Mar 11, 1995
ANNUAL RUNOFF (AC-FT)	491		480		521	
10 PERCENT EXCEEDS	0.95		0.87		0.99	
50 PERCENT EXCEEDS	0.54		0.50		0.61	
90 PERCENT EXCEEDS	0.42		0.23		0.31	

NORTHERN MOJAVE, UPPER AMARGOSA RIVER BASIN

10251300 AMARGOSA RIVER AT TECOPA, CA

LOCATION.--Lat 35°50'55", long 116°13'45" referenced to North American Datum of 1927, in NW ¼ SE ¼ sec. 09, T.20 N., R.07 E., Inyo County, Hydrologic Unit 18090202, on right bank, 20 ft upstream from Old Spanish Trail Road, and 0.2 mi west of Tecopa.

DRAINAGE AREA.--3,090 mi^2 much of which is noncontributing.

PERIOD OF RECORD.--October 1961 to August 1983, October 1991 to September 1995, 1998 miscellaneous discharge, January 1999 to current year.

GAGE.--Water-stage recorder and culvert control. Elevation of gage is 1,310 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to October 16, 1991, at datum 16.52 ft higher.

REMARKS.--Records poor. City of Tecopa pumps water for municipal use upstream. See schematic diagram of Northern Mojave, Upper Amargosa River Basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10,600 ft^3/s, August 19, 1983, determined from culvert computations and flow over road, gage height, 16.00 ft, datum then in use; no flow some days some years.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 15 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
December 25	2130	*92	*6.11	March 4	0815	35	5.53
February 26	0959	44	5.71	August 15	2230	36	5.69
March 2	1159	69	5.94	September 13	1930	22	5.58

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	0.27	0.06	e0.75	e1.0	0.90	5.9	0.47	0.12	0.11	0.03	0.05	0.14
2	0.23	0.06	e0.75	e1.0	0.82	36	0.63	0.13	0.10	0.04	0.05	0.12
3	0.25	0.06	0.84	e1.0	1.4	25	0.68	0.14	0.10	0.06	0.06	0.11
4	0.21	0.09	0.85	e1.0	1.3	27	0.76	0.13	0.08	0.04	0.06	0.11
5	0.23	0.14	0.87	e1.0	1.1	16	0.69	0.09	0.10	0.03	0.06	0.10
6	0.27	0.19	0.83	e1.1	0.91	9.5	0.54	0.08	0.09	0.03	0.07	0.10
7	0.27	0.23	0.74	1.1	0.85	7.0	0.48	0.09	0.08	0.04	0.08	0.10
8	e0.25	0.25	0.75	1.1	0.74	5.5	0.42	0.10	0.08	0.03	0.09	0.09
9	e0.25	0.29	0.55	1.1	0.72	4.8	0.47	0.10	0.10	0.04	0.09	0.09
10	e0.25	0.33	0.65	1.2	0.70	2.7	0.46	0.11	0.12	0.05	0.09	0.09
11	e0.25	0.31	0.85	1.2	0.61	1.5	0.35	0.12	0.12	0.06	0.10	0.09
12	e0.25	1.2	0.79	1.2	0.55	1.0	0.35	0.13	0.08	0.06	0.09	0.11
13	e0.25	2.7	0.82	1.2	0.54	1.1	0.35	0.15	0.08	0.05	0.11	5.4
14	e0.25	0.87	0.83	1.2	0.69	0.97	0.30	0.16	0.08	0.06	0.13	11
15	e0.20	0.73	1.1	1.2	0.74	1.0	0.30	0.17	0.08	0.06	2.8	4.2
16	e0.20	1.3	0.87	1.1	0.78	0.89	0.29	0.15	0.08	0.07	3.7	0.65
17	e0.20	0.89	0.84	1.1	0.81	0.84	0.31	0.13	0.10	0.07	0.17	0.07
18	e0.20	0.72	1.1	1.1	1.8	0.89	0.36	0.12	0.11	0.07	2.6	0.07
19	e0.20	0.84	0.97	1.2	4.1	0.95	0.41	0.11	0.12	0.06	4.8	0.06
20	e0.20	0.93	1.2	1.1	2.6	0.95	0.44	0.12	0.12	0.05	1.7	0.07
21	e0.15	1.1	1.2	1.1	3.7	0.84	0.44	0.12	0.05	0.06	1.2	0.07
22	e0.15	0.77	1.2	1.0	4.5	0.86	0.40	0.12	0.03	0.06	0.94	0.08
23	e0.15	e0.70	1.3	0.86	28	0.84	0.26	0.10	0.02	0.06	0.13	0.08
24	e0.15	e0.70	1.5	0.90	8.7	0.74	0.22	0.12	0.02	0.05	0.57	0.08
25	e0.15	e0.70	15	0.94	6.4	0.75	0.23	0.11	0.02	0.05	1.1	0.09
26	e0.10	e0.70	17	0.79	20	0.67	0.22	0.13	0.02	0.05	0.45	0.08
27	e0.10	e0.70	3.2	0.84	8.7	0.69	0.18	0.15	0.03	0.05	0.19	0.08
28	e0.10	e0.70	1.5	0.97	7.8	0.57	0.17	0.14	0.04	0.06	0.22	0.08
29	e0.10	e0.70	1.0	0.93	7.2	0.55	0.14	0.12	0.03	0.05	0.29	0.08
30	e0.10	e0.70	e1.0	0.98	---	0.55	0.12	0.11	0.03	0.05	0.33	0.07
31	e0.10	---	e1.0	1.0	---	0.55	---	0.13	---	0.05	0.20	---
TOTAL	6.03	19.66	61.85	32.51	117.66	157.10	11.44	3.80	2.22	1.59	22.52	23.56
MEAN	0.19	0.66	2.00	1.05	4.06	5.07	0.38	0.12	0.07	0.05	0.73	0.79
MAX	0.27	2.7	17	1.2	28	36	0.76	0.17	0.12	0.07	4.8	11
MIN	0.10	0.06	0.55	0.79	0.54	0.55	0.12	0.08	0.02	0.03	0.05	0.06
AC-FT	12	39	123	64	233	312	23	7.5	4.4	3.2	45	47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2004, BY WATER YEAR (WY)

MEAN	1.41	0.87	3.94	6.16	11.5	6.35	1.82	0.44	0.14	0.55	6.09	3.95
MAX	39.1	11.4	65.3	56.2	95.6	54.2	16.2	3.19	2.55	3.52	103	93.1
(WY)	(1977)	(1966)	(1966)	(1995)	(1993)	(1983)	(2003)	(1977)	(1969)	(1965)	(1983)	(1976)
MIN	0.00	0.01	0.39	0.70	0.69	0.36	0.07	0.02	0.00	0.00	0.00	0.00
(WY)	(1972)	(1993)	(1994)	(1994)	(1979)	(1994)	(1994)	(1993)	(1966)	(1963)	(1962)	(1964)

10251300 AMARGOSA RIVER AT TECOPA, CA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1962 - 2004	
ANNUAL TOTAL	1,944.55		459.94			
ANNUAL MEAN	5.33		1.26		3.62	
HIGHEST ANNUAL MEAN					14.9	1983
LOWEST ANNUAL MEAN					0.22	1994
HIGHEST DAILY MEAN	490	Aug 20	36	Mar 2	1,500	Feb 26, 1969
LOWEST DAILY MEAN	0.05	May 24	0.02	Jun 23	0.00	Jul 23, 1962
ANNUAL SEVEN-DAY MINIMUM	0.05	May 23	0.03	Jun 22	0.00	Aug 1, 1962
MAXIMUM PEAK FLOW			92	Dec 25	10,600	Aug 19, 1983
MAXIMUM PEAK STAGE			6.11	Dec 25	16.00	Aug 19, 1983
ANNUAL RUNOFF (AC-FT)	3,860		912		2,630	
10 PERCENT EXCEEDS	5.0		1.5		2.4	
50 PERCENT EXCEEDS	0.45		0.27		0.24	
90 PERCENT EXCEEDS	0.09		0.06		0.00	

e Estimated