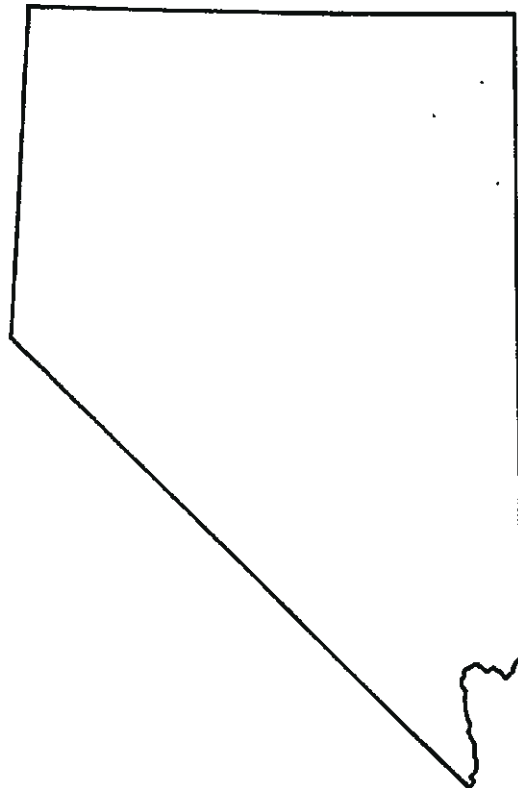




Water Resources Data Nevada Water Year 1984



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT NV-84-1
Prepared in cooperation with the State of Nevada
and with other agencies

THE GREAT BASIN

SPRING VALLEY

10243700 CLEVE CREEK NEAR ELY, NV

LOCATION.--Lat 39°12'50", long 114°32'20", in NW¼ sec.34, T.16 N., R.66 E., White Pine County, Hydrologic Unit 16060008, on right bank 2 mi downstream from North Fork, 4 mi southwest of Cleveland Ranch headquarters, and east of Ely.

DRAINAGE AREA.--31.8 mi².

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 current year; crest-stage partial-record station October 1967 to September 1976.

GAGE.--Water-stage recorder. Altitude of gage is 6,200 ft, approximately from topographic map. Oct. 1, 1967, to Sept. 30, 1967, crest-stage gage at same site and datum. Prior to Sept. 13, 1984, at site ¼ mile upstream, at different datum.

REMARKS.--Records poor. Stage-discharge relation indefinite April 16 to May 26. No diversion above station. Practically entire flow diverted for irrigation by Cleveland Ranch below station.

AVERAGE DISCHARGE.--16 years (1915-16, 1960-67, 1977-81, 1984), 10.2 ft³/s, 7,390 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 440 ft³/s May 30, 1983; maximum gage height, unknown, May 30, 1983; minimum discharge, 2.3 ft³/s Feb. 27, 1960.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 20 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 14	2200	*189	1.11
May 21	0800	117	1.01
May 24	0400	132	*1.12

Minimum daily discharge, 10 ft³/s, Dec. 28 to Jan. 4, Jan. 18-20, and Feb. 18-28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	15	14	10	13	12	10	32	64	24	17	15
2	17	15	13	10	13	12	17	30	57	22	18	15
3	16	15	13	10	13	12	17	32	54	22	17	15
4	16	15	14	10	13	12	18	35	50	21	16	14
5	16	14	13	11	13	14	18	40	46	21	15	14
6	16	14	13	11	14	13	19	42	44	20	15	13
7	16	15	13	12	13	13	20	42	42	20	15	14
8	16	15	13	12	13	13	21	42	37	20	14	14
9	16	15	13	12	13	13	21	48	35	19	14	13
10	17	15	13	12	12	14	21	55	34	19	14	13
11	16	15	13	12	12	15	22	70	33	19	14	14
12	16	15	13	12	13	15	22	85	31	19	15	19
13	16	15	13	12	15	15	26	98	31	19	14	18
14	16	15	13	12	14	16	29	139	30	18	16	10
15	16	14	13	12	13	16	31	108	29	18	16	17
16	16	14	13	13	12	16	41	96	29	17	16	16
17	16	14	13	12	11	15	40	85	29	17	16	16
18	16	14	13	10	10	15	40	78	30	17	16	16
19	16	14	13	10	10	15	39	71	28	17	17	16
20	16	14	13	10	10	16	38	85	29	17	17	15
21	16	14	12	11	10	17	38	101	28	18	17	16
22	16	13	12	12	10	17	38	95	27	18	17	16
23	16	14	12	12	10	17	39	100	26	17	18	16
24	16	13	12	12	10	17	44	105	26	16	17	15
25	16	14	13	12	10	18	44	90	24	17	17	15
26	15	14	12	13	10	19	42	75	24	16	17	15
27	15	14	11	12	10	10	39	68	26	16	17	15
28	15	13	10	12	10	18	38	65	26	17	16	15
29	15	13	10	12	11	18	36	64	24	19	15	15
30	15	13	10	12	---	18	34	59	24	18	15	14
31	15	---	10	12	---	18	---	61	---	17	15	---
TOTAL	494	427	386	357	341	477	910	2196	1017	575	493	457
MEAN	15.9	14.2	12.5	11.5	11.8	15.4	30.3	70.8	33.9	18.5	15.9	15.2
MAX	18	15	14	13	15	19	44	139	64	24	18	19
MIN	15	13	10	10	10	12	17	30	24	16	14	13
AC-FT	930	847	766	2 703	676	946	1800	4360	2020	1140	978	906
CAL YR 1993	TOTAL	11250.8		MEAN	30.8	MAX	280	MIN	9.2	AC-FT	22320	
WTR YR 1994	TOTAL	8130		MEAN	22.2	MAX	139	MIN	10	AC-FT	16130	