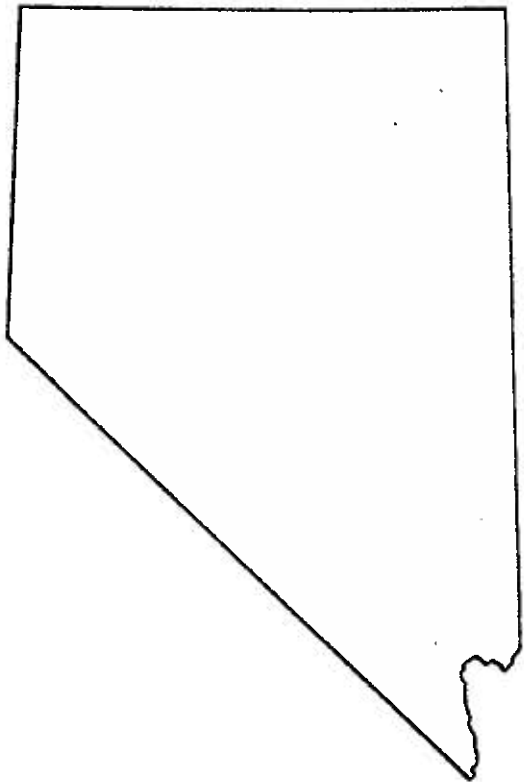




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for Nevada*

Water Resources Data Nevada Water Year 1985



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT NV-85-1
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 18 mi 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. Elevation 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 ½ mile upstream, at different datum. Prior to Apr. 18, 1985, at different datum.

REMARKS.--Estimated daily discharges: Oct. 25 to Nov. 2, Jan. 31, and July 21-27. Records fair except for estimated daily record, Oct. 25 to Nov. 2, ice effect, Jan. 31, and periods of no gage-height record, July 21-27, which are poor. No diversion above station. Practically entire flow diverted for irrigation by Cleveland Ranch below station.

AVERAGE DISCHARGE.--17 years (1915-16, 1960-67, 1977-81, 1984-85), 10.6 ft³/s, 7,530 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 discharges greater than base discharge of 20 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr. 15	0715	*30	*2.64	May 10	0045	26	2.60

Minimum daily, 7.9 ft³/s, Sept. 28-30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	20	14	11	9.2	11	14	19	17	12	8.8	8.5
2	17	16	14	11	11	11	15	20	16	11	8.5	8.6
3	16	15	14	11	12	11	17	22	15	11	8.2	8.7
4	15	15	14	11	11	11	19	23	15	11	8.0	9.1
5	15	15	14	11	12	11	20	24	15	11	8.2	9.0
6	15	14	14	11	11	11	21	24	15	11	8.3	9.0
7	15	15	14	11	11	11	22	23	15	11	8.4	9.0
8	15	17	14	11	9.2	11	24	23	15	11	8.4	8.8
9	15	16	14	11	8.8	11	25	23	15	11	8.4	9.0
10	15	16	14	11	8.8	11	27	25	15	11	8.3	8.9
11	15	16	14	11	8.9	11	27	23	15	12	8.3	9.6
12	15	15	14	10	9.1	11	27	22	14	12	8.4	9.5
13	15	15	13	11	9.0	11	27	21	14	11	8.7	9.1
14	15	15	13	11	9.0	11	28	20	14	11	8.8	8.5
15	15	15	13	10	9.1	11	29	20	14	11	8.7	8.5
16	15	15	13	9.8	9.2	11	29	19	14	11	8.5	8.4
17	15	15	12	9.7	9.3	12	28	18	14	11	8.3	8.2
18	15	15	13	9.7	9.3	12	28	18	13	11	8.2	10
19	15	15	13	9.6	9.6	12	27	18	13	11	8.2	9.4
20	15	15	12	9.7	9.9	12	26	19	13	11	8.2	8.8
21	15	15	12	9.6	10	13	25	19	13	12	8.2	8.2
22	15	15	12	9.6	10	14	24	18	13	17	8.3	8.3
23	15	15	12	10	10	14	23	18	13	12	8.3	8.2
24	14	15	11	10	10	14	22	18	13	11	8.4	8.1
25	18	15	12	9.6	10	14	22	18	13	11	8.5	8.2
26	24	15	12	9.6	11	14	21	18	13	11	8.5	8.1
27	23	14	12	9.5	11	14	20	18	13	11	8.6	8.1
28	23	15	12	10	11	14	19	18	12	11	8.5	7.9
29	23	15	12	9.8	---	14	19	18	12	11	8.5	7.8
30	24	14	12	9.6	---	13	19	17	12	9.6	8.4	7.8
31	23	---	12	9.4	---	14	---	17	---	9.1	8.2	---
TOTAL	520	458	401	318.2	279.4	376	694	621	418	348.7	260.2	259.8
MEAN	16.8	15.3	12.9	10.3	9.98	12.1	23.1	20.0	13.9	11.2	8.39	8.51
MAX	24	20	14	11	12	14	29	25	17	17	8.8	10
MIN	14	14	11	9.4	8.8	11	14	17	12	9.1	8.0	7.9
AC-FT	1030	908	795	631	554	746	1380	1230	829	692	516	514
CAL YR 1984	TOTAL	8202		MEAN	22.4	MAX	139	MIN	10	AC-PT	16270	
WTR YR 1985	TOTAL	4954.4		MEAN	13.6	MAX	29	MIN	7.9	AC-PT	9830	