

Water-Data Report 2007

10270940 Bishop Creek below Intake No. 4 Diversion Dam, near Bishop, CA

Owens Lake Basin

LOCATION.--Lat 37°18'10", long 118°31'45" referenced to North American Datum of 1927, in NW ¼ NW ¼ sec.36, T.7 S., R.32 E., Inyo County, CA, Hydrologic Unit 18090102, in Inyo National Forest, on left bank, 300 ft downstream from dam, 1.6 mi upstream from Coyote Creek, and 7.5 mi southwest of Bishop.

DRAINAGE AREA.--72.7 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1994 to current year (low-flow records only). Unpublished records prior to October 1994 available in files of Southern California Edison Co.

GAGE.--Water-stage recorder and Parshall flume. Elevation of gage is 6,310 ft above NGVD of 1929, from topographic map.

COOPERATION.--Records collected by Southern California Edison Co., under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 1394.

REMARKS.--No records computed above 20 ft³/s. Flow regulated by Intake No. 4 Reservoir, where most of the water is diverted to Bishop Creek Powerplant No. 4. Water is used for power development downstream. See schematic diagram of Bishop Creek Basin available from the California Water Science Center.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13	12	11	10	11	12	15	---	---	---	7.1	7.3
2	13	12	11	10	11	12	---	---	---	---	7.0	7.2
3	13	12	11	10	11	12	---	---	---	13	6.9	7.3
4	13	12	11	10	11	12	---	---	---	13	6.9	7.2
5	13	11	11	10	10	13	---	---	---	13	6.8	7.3
6	13	11	11	10	10	---	---	---	---	13	6.9	7.7
7	13	12	11	10	10	---	---	---	---	15	6.9	8.0
8	13	11	11	10	10	---	---	---	---	14	6.9	8.0
9	13	11	11	10	10	---	---	---	---	14	6.9	8.0
10	13	11	11	10	10	---	---	---	---	17	6.9	8.0
11	---	11	11	10	11	---	---	---	---	---	6.9	8.1
12	---	11	11	10	11	---	---	---	---	---	6.9	8.1
13	---	11	11	13	11	---	---	---	---	16	6.8	8.1
14	13	12	11	11	11	---	---	---	---	14	6.8	---
15	12	12	11	11	11	---	---	---	---	16	6.8	8.1
16	12	12	11	11	11	---	---	---	---	17	6.7	8.1
17	12	12	11	11	11	---	---	---	---	20	6.6	8.2
18	12	12	11	---	11	---	---	---	---	20	6.6	8.2
19	12	11	11	11	11	---	---	---	---	14	6.6	8.1
20	12	---	11	11	11	---	---	---	---	13	6.6	8.2
21	12	12	11	11	11	---	---	---	---	13	6.7	8.2
22	12	12	11	11	---	---	---	---	---	13	6.6	8.2
23	12	11	11	11	12	---	---	---	---	13	6.7	8.2
24	13	11	11	11	12	15	---	---	---	11	6.6	8.2
25	11	11	11	11	15	17	---	---	---	7.3	6.5	8.1
26	11	11	11	11	---	---	---	---	---	7.3	6.5	8.1
27	11	11	15	11	---	---	---	---	---	7.2	6.5	8.1
28	11	11	11	10	12	---	---	---	---	7.3	8.3	8.1
29	12	11	11	11	---	---	---	---	---	7.3	6.5	8.1
30	12	11	10	11	---	13	---	---	---	7.3	6.8	8.1
31	11	---	10	11	---	13	---	---	---	7.3	7.3	---
Total	---	---	343	---	---	---	---	---	---	---	211.5	---
Mean	---	---	11.1	---	---	---	---	---	---	---	6.82	---
Max	---	---	15	---	---	---	---	---	---	---	8.3	---
Min	---	---	10	---	---	---	---	---	---	---	6.5	---
Ac-ft	---	---	680	---	---	---	---	---	---	---	420	---

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