

Water-Data Report 2009

08284300 HORSE LAKE CREEK ABOVE HERON RESERVOIR, NEAR LOS OJOS, NM

Upper Rio Grande Basin
Rio Chama Subbasin

LOCATION.--Lat 36°42'24.05", long 106°44'44.14" referenced to North American Datum of 1983, Rio Arriba County, NM, Hydrologic Unit 13020102, in Tierra Amarilla Grant, on right bank 3.7 mi northwest of Heron Dam, 7.8 mi downstream from Horse Lake, and 9.9 mi west of Los Ojos.

DRAINAGE AREA.--45 mi², approximately.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October and November 1962 (monthly discharge only), December 1962 to current year (seasonal records subsequent to 1973).
Published as "near Park View" prior to 1976.

GAGE.--Water-stage recorder, concrete control since June 10, 1963. Datum of gage is 7,187.01 ft above NGVD of 1929 (levels by Bureau of Reclamation).
Prior to May 1, 2001, datum 1.84 ft higher. Prior to July 1, 1971, at site 1,100 ft upstream at a higher datum.

REMARKS.--Records poor. Diversions upstream from station for irrigation of meadows and for off-channel stock tanks.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--11 years (water years 1963-73), 1.10 ft³/s, 797 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,960 ft³/s, July 30, 1968, gage height, 4.9 ft, site and datum then in use, from rating curve extended above 37 ft³/s on basis of slope-area measurements at gage heights 3.20 ft and 4.9 ft; no flow most of time.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, estimated .39 ft³/s. April 13 and 14, gage height, 2.42 ft; no flow during most of seasonal operation.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	e0.00	e0.00	e0.00	0.00
2	0.00	---	---	---	---	---	---	0.00	e0.00	e0.00	e0.00	0.00
3	0.00	---	---	---	---	---	---	0.00	e0.00	e0.00	e0.00	0.00
4	0.00	---	---	---	---	---	---	0.00	e0.00	e0.00	e0.00	0.00
5	0.00	---	---	---	---	---	---	0.00	e0.00	e0.00	e0.00	0.00
6	0.00	---	---	---	---	---	---	0.00	e0.00	e0.00	e0.00	0.00
7	---	---	---	---	---	---	---	0.00	e0.00	e0.00	e0.00	0.00
8	---	---	---	---	---	---	0.09	0.00	e0.00	e0.00	e0.00	0.00
9	---	---	---	---	---	---	0.13	0.00	e0.00	e0.00	e0.00	0.00
10	---	---	---	---	---	---	0.11	0.00	e0.00	e0.00	e0.00	0.00
11	---	---	---	---	---	---	0.11	0.00	e0.00	e0.00	e0.00	0.00
12	---	---	---	---	---	---	0.29	e0.00	e0.00	e0.00	e0.00	0.00
13	---	---	---	---	---	---	0.38	e0.00	e0.00	e0.00	e0.00	0.00
14	---	---	---	---	---	---	0.34	e0.00	e0.00	e0.00	e0.00	0.00
15	---	---	---	---	---	---	0.25	e0.00	e0.00	e0.00	e0.00	0.00
16	---	---	---	---	---	---	0.17	e0.00	e0.00	e0.00	e0.00	0.00
17	---	---	---	---	---	---	0.16	e0.00	e0.00	e0.00	e0.00	0.00
18	---	---	---	---	---	---	0.19	e0.00	e0.00	e0.00	e0.00	0.00
19	---	---	---	---	---	---	0.18	e0.00	e0.00	e0.00	e0.00	0.00
20	---	---	---	---	---	---	0.13	e0.00	e0.00	e0.00	e0.00	0.00
21	---	---	---	---	---	---	0.05	e0.00	e0.00	e0.00	0.00	0.00
22	---	---	---	---	---	---	0.01	e0.00	e0.00	e0.00	0.00	0.00
23	---	---	---	---	---	---	0.00	e0.00	e0.00	e0.00	0.00	0.00
24	---	---	---	---	---	---	0.00	e0.00	e0.00	e0.00	0.00	0.00
25	---	---	---	---	---	---	0.00	e0.00	e0.00	e0.00	0.00	0.00
26	---	---	---	---	---	---	0.00	e0.00	e0.00	e0.00	0.00	0.00
27	---	---	---	---	---	---	0.00	e0.00	e0.00	e0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	e0.00	e0.00	e0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	e0.00	e0.00	e0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	e0.00	e0.00	e0.00	0.00	0.00
31	---	---	---	---	---	---	---	e0.00	---	e0.00	0.00	---
Total	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
Mean	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
Max	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
Min	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
Ac-ft	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00

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