

Water-Data Report 2007

11479560 Eel River at Fernbridge, CA

Eel River Basin

LOCATION.--Lat 40°36'57", long 124°12'06" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.29, T.3 N., R.1 W., Humboldt County, CA, Hydrologic Unit 18010105, on right bank, downstream from bridge on county road, at Fernbridge.

DRAINAGE AREA.--3,614 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1989 to current year. Records prior to October 1989 are in the files of the California Department of Water Resources.

GAGE.--Water-stage recorder. Datum of gage is 3.64 ft above NGVD of 1929.

REMARKS.--Data is collected for flood-warning purposes only. Gage heights published above 0.52 ft (orifice is located at 0.52 ft). See schematic diagram of Eel River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 25.39 ft, Dec. 31, 2005.

11479560 Eel River at Fernbridge, CA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

| Day | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min |
|-------|---------|-----|----------|------|----------|-------|---------|------|----------|------|-------|------|
| | October | | November | | December | | January | | February | | March | |
| 1 | --- | --- | --- | --- | 1.10 | 0.81 | 3.26 | 2.76 | 1.10 | --- | 7.64 | 6.89 |
| 2 | --- | --- | --- | --- | 1.11 | 0.63 | 2.86 | 2.41 | 0.71 | --- | 6.92 | 6.47 |
| 3 | --- | --- | 0.71 | --- | 1.11 | --- | 3.90 | 2.30 | 0.54 | --- | 6.47 | 6.26 |
| 4 | --- | --- | 1.02 | --- | 1.11 | --- | 6.75 | 3.90 | --- | --- | 6.45 | 6.26 |
| 5 | --- | --- | 1.40 | --- | 1.37 | --- | 6.75 | 4.83 | --- | --- | 6.31 | 5.81 |
| 6 | --- | --- | 1.32 | --- | 1.09 | --- | 4.83 | 4.07 | --- | --- | 5.83 | 5.35 |
| 7 | 1.01 | --- | 1.78 | --- | 1.20 | --- | 4.10 | 3.46 | --- | --- | 5.36 | 5.06 |
| 8 | 1.38 | --- | 1.12 | --- | 1.54 | --- | 3.50 | 3.03 | 1.56 | --- | 5.22 | 4.83 |
| 9 | 1.47 | --- | --- | --- | 0.78 | --- | 3.04 | 2.71 | 6.28 | 1.56 | 4.84 | 4.28 |
| 10 | 1.04 | --- | --- | --- | 2.94 | --- | 2.72 | 2.48 | 8.09 | 5.42 | 4.30 | 3.93 |
| 11 | 0.57 | --- | --- | --- | 4.28 | 2.94 | 2.48 | 2.23 | 12.29 | 8.09 | 3.93 | 3.70 |
| 12 | --- | --- | --- | --- | 7.04 | 4.28 | 2.25 | 2.00 | 10.47 | 7.82 | 3.91 | 3.71 |
| 13 | --- | --- | 0.95 | --- | 7.06 | 6.67 | 2.01 | 1.77 | 7.85 | 6.66 | 4.14 | 3.85 |
| 14 | --- | --- | 1.80 | 0.95 | 7.83 | 7.06 | 1.80 | 1.59 | 6.67 | 5.26 | 3.98 | 3.50 |
| 15 | --- | --- | 1.46 | 1.18 | 7.84 | 7.13 | 1.61 | 1.47 | 5.28 | 4.62 | 3.59 | 3.20 |
| 16 | --- | --- | 2.14 | 1.29 | 7.16 | 5.02 | 1.50 | 1.36 | 4.63 | 3.90 | 3.25 | 2.96 |
| 17 | --- | --- | 1.91 | 1.32 | 5.02 | 3.63 | 1.59 | 1.27 | 3.92 | 3.43 | 3.01 | 2.82 |
| 18 | --- | --- | 1.39 | 0.99 | 3.63 | 2.83 | 1.43 | 1.18 | 3.45 | 3.04 | 2.86 | 2.64 |
| 19 | --- | --- | 0.99 | 0.56 | 2.83 | 2.30 | 1.44 | 1.11 | 3.07 | 2.69 | 2.70 | 2.50 |
| 20 | --- | --- | 0.89 | --- | 2.31 | 1.88 | 1.32 | 1.02 | 2.75 | 2.52 | 2.63 | 2.41 |
| 21 | --- | --- | 1.07 | --- | 3.65 | 1.88 | 1.14 | 0.95 | 9.04 | 2.52 | 2.64 | 2.27 |
| 22 | --- | --- | 1.46 | --- | 4.91 | 3.65 | 0.96 | 0.86 | 9.50 | 9.04 | 2.40 | 2.02 |
| 23 | --- | --- | 2.41 | 1.46 | 4.67 | 3.39 | 0.92 | 0.80 | 9.48 | 7.45 | 2.21 | 1.84 |
| 24 | --- | --- | 1.79 | 1.46 | 3.42 | 2.92 | 0.96 | 0.73 | 7.88 | 6.56 | 1.96 | 1.71 |
| 25 | --- | --- | 1.47 | 1.04 | 2.97 | 2.59 | 1.02 | 0.67 | 11.85 | 7.88 | 1.75 | 1.65 |
| 26 | --- | --- | 1.47 | 0.87 | 10.26 | 2.58 | 1.11 | 0.64 | 11.59 | 9.48 | 1.71 | 1.61 |
| 27 | --- | --- | 2.31 | 1.47 | 14.26 | 10.26 | 1.07 | 0.58 | 9.48 | 8.95 | 3.07 | 1.69 |
| 28 | --- | --- | 2.38 | 2.14 | 11.28 | 6.85 | 1.05 | 0.54 | 8.96 | 7.63 | 3.09 | 2.49 |
| 29 | --- | --- | 2.14 | 1.51 | 6.85 | 4.93 | 0.87 | --- | --- | --- | 2.50 | 2.16 |
| 30 | --- | --- | 1.51 | 1.07 | 4.93 | 3.92 | 1.01 | --- | --- | --- | 2.18 | 1.92 |
| 31 | --- | --- | --- | --- | 3.96 | 3.26 | 1.12 | --- | --- | --- | 1.94 | 1.72 |
| Month | --- | --- | --- | --- | 14.26 | --- | 6.75 | --- | --- | --- | 7.64 | 1.61 |

11479560 Eel River at Fernbridge, CA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

| Day | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min |
|--------------|-------|------|------|------|------|-----|------|-----|--------|-----|-----------|-----|
| | April | | May | | June | | July | | August | | September | |
| 1 | 1.74 | 1.58 | 1.36 | 1.24 | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | 1.61 | 1.46 | 1.82 | 1.26 | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 1.49 | 1.34 | 1.96 | 1.70 | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | 1.39 | 1.24 | 2.01 | 1.84 | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | 1.30 | 1.16 | 1.94 | 1.82 | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | 1.23 | 1.08 | 1.86 | 1.61 | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | 1.22 | 1.05 | 1.62 | 1.43 | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 1.17 | 1.01 | 1.44 | 1.29 | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | 1.08 | 0.98 | 1.30 | 1.19 | --- | --- | 0.89 | --- | --- | --- | --- | --- |
| 10 | 1.03 | 0.90 | 1.19 | 1.09 | --- | --- | 0.74 | --- | --- | --- | --- | --- |
| 11 | 1.10 | 0.89 | 1.09 | 0.99 | 0.81 | --- | 0.92 | --- | --- | --- | --- | --- |
| 12 | 1.46 | 1.10 | 0.99 | 0.91 | 0.65 | --- | 0.95 | --- | --- | --- | --- | --- |
| 13 | 1.41 | 1.29 | 0.95 | 0.86 | 0.73 | --- | 0.91 | --- | --- | --- | --- | --- |
| 14 | 1.56 | 1.24 | 1.06 | 0.79 | 0.98 | --- | 0.72 | --- | --- | --- | --- | --- |
| 15 | 1.54 | 1.31 | 0.96 | --- | 0.90 | --- | 0.82 | --- | --- | --- | --- | --- |
| 16 | 1.43 | 1.21 | 1.13 | --- | 0.90 | --- | --- | --- | --- | --- | --- | --- |
| 17 | 1.65 | 1.13 | 1.13 | 0.57 | 0.61 | --- | --- | --- | --- | --- | --- | --- |
| 18 | 1.83 | 1.26 | 1.08 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 19 | 1.92 | 1.29 | 0.88 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 20 | 1.74 | 1.27 | 0.73 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21 | 1.57 | 1.17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | 3.76 | 1.49 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | 4.46 | 3.30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | 3.30 | 2.50 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 25 | 2.50 | 2.17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | 2.17 | 1.94 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | 1.94 | 1.74 | --- | --- | --- | --- | --- | --- | --- | --- | 0.53 | --- |
| 28 | 1.74 | 1.56 | --- | --- | --- | --- | --- | --- | --- | --- | 0.93 | --- |
| 29 | 1.59 | 1.42 | --- | --- | --- | --- | 0.61 | --- | --- | --- | 0.96 | --- |
| 30 | 1.46 | 1.32 | --- | --- | --- | --- | 0.61 | --- | --- | --- | 0.85 | --- |
| 31 | --- | --- | --- | --- | --- | --- | 0.86 | --- | --- | --- | --- | --- |
| Month | 4.46 | 0.89 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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