

## D-S Canal

**LOCATION.**—NW1/4 of NE1/4 Sec. 10, T16N, R9E. The diversion is located approximately 2.9 miles east of Nevada City.

**ESTABLISHMENT AND HISTORY.**—The D-S Canal was constructed by the Nevada Irrigation District in 1927. Gaging was established in 1937.

**GAGE.**—Seven foot parshall flume constructed in 1988; stilling well with staff plate and pressure transducer; data logger; data is telemetered to NID main office.

**CONTROL.**—Head gate allows control upstream of gaging station. Water settles out in the distance from the head gate to the parshall flume.

**WINTER FLOW.**—Minimal diversion in the winter.

**REGULATION AND DIVERSIONS.**—In addition to the natural flow being diverted, water that is imported to Deer Creek via the South Yuba Canal is re-diverted into the canal.

**ACCURACY.**— Good

**COOPERATION.**--Site is operated by Nevada Irrigation District.

**JUSTIFICATION.**—To gain accurate measurement of amount diverted and to aid in regulation the flow necessary to meet customer demand.

**REMARKS.**--