

CALIFORNIA DEPARTMENT OF FISH AND GAME
STREAM SURVEY

FILE FORM NO.....

NAME...Booth GulchCOUNTY....Mendocino.....
STREAM SECTION..Entire...FROM.....TO.....LENGTH...1.3...miles
TRIBUTARY TO.....Clark or Middle Fork, Ten Mile River.....TWP...19N,.....R..16WSEC...1....
OTHER NAMES.....None.....RIVER SYSTEM...Ten Mile River.....
NAMES OF SURVEYOR(S).....John H. Rowell and Herbert L.Adams.....DATE...August 1, 1961...
SOURCES OF DATA..... U.S.G.S. 15 minute series Branscomb quadrangle, 1951. Topographic maps,. Union Lumber Co.
Personnel and visual survey by John H. Rowell, F & G assistant and Herbert L. Adam. F & G Seasonal Aid.

EXTENT OF OBSERVATION: On August 1, 1961, all of stream except the upper 3 miles, which was steep and dry, was checked by driving along side the stream, a distance of 1.1 miles.

LOCATION - Approximately 13 airline miles ENE of Fort Bragg, flowing south into the Clark Fork of Ten Mile River.

RELATION TO OTHER WATERS - As part of the Clark Fork drainage it plays only a minor part of the over all picture.

GENERAL DESCRIPTION - WATERSHED Typical Northern California Coastal terrain with steep sided V-canyons in Redwood Forest area.

IMMEDIATE DRAINAGE BASIN – This is a short stream about 2 miles in length, It is a narrow canyon draining an area about one mile wide with an area of approximately 2.5 square miles.

ALTITUDE -

GRADIENT - Moderate - Averaging about 3 ft. per 100 throughout the lower mile, 4 ft. per 100 for the next 1/2 mile and steep in the top 1/2 mile, averaging about 15 ft. per 100.

WIDTH - The stream averaged about 2.5 feet wide, while the stream channel was approximately 40' wide.

DEPTH - Averaged about 2", but ranged from 1" to 3".

FLOW (Range)- The upper 4 miles were dry, while the remaining 1.5 miles were intermittent with a flow up to .5 cfs.

VELOCITY - Cascading in the upper mile of stream and slow in the lower mile.

BOTTOM– Composed mostly of gravel and sand, with some rubble.

SPAWNING AREAS – The lower 1.5 mile section appears to have good gravel areas. Winter flows probably don't occur in time for silver slamon to utilize this area.

POOLS – Approximately 30%, most being less than 10' L x 5' x 2' deep.

SHELTER - Log jams and some willows along the stream bank afford some shelter. For the most part this stream is quite open.

BARRIERS – One at the mouth appears to be a partial barrier. It is composed of logs 50 x 10 x 8 ft. with 70% void area. Another is .4 mile upstream from the mouth. This is a complete barrier composed of large logs that formed a bridge. Debris and gravel have filled in the up stream side creating an eight foot falls.

DIVERSIONS – None

TEMPERATURE – Air 82° and water 62° @ 1400.

FOOD – Average for streams in this area.

AQUATIC PLANTS – None observed.

WINTER CONDITIONS – Apparently moderate. Drainage is too short to gather any large amounts of flood water.

POLLUTION – None noted.

SPRINGS - None from the sides. However, summer flows are intermittent along length of stream.

FISHES PRESENT AND SUCCESS – No SH or SS were present due to partial barrier at mouth and complete barrier .4 mile upstream.

OTHER VERTEBRATES – None noted.

FISHING INTENSITY – None.

OTHER RECREATIONAL USE – None known.

ACCESSIBILITY – This stream can be reached by driving 14.4 miles north from Fort Bragg on a Union Lumber Co. road to Clark Fork, thence along Clark Fork to Booth Gulch. A logging spur road runs along side the stream for 1.5 miles.

OWNERSHIP – Union Lumber Company.

POSTED OR OPEN – Posted.

IMPROVEMENTS – It appears that some attempt has been made to clean up the slash and debris after the logging operations were completed.

PAST STOCKING – None known.

GENERAL ESTIMATE – The stream would be a good spawning area for steelhead, but has a doubtful value as a nursery area due to going dry in the summer. Winter rains probably occur too late for silver salmon to utilize the stream.

RECOMMENDED MANAGEMENT – Remove the barriers and log jams. This stream shouldn't need any other work or maintenance to provide a steelhead spawning area.

REFERENCES AND MAPS - Union Lumber Company Foresters U.S.G.S. 15-min. series (topographic) Branscomb quadrangle, 1951.

JTA:cm