

THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF FISH AND GAME

STREAM SURVEY

File form No _____

Date: December 30, 1970

NAME: Hulburt Creek, Main Branch COUNTY: Sonoma

STREAM SECTION: _____ FROM: Mouth TO: Upper fish limit LENGTH: 6.2 miles

TRIBUTARY TO: Russian River TWP: 8N R: 10W SEC: 31

OTHER NAMES: Not known RIVER SYSTEM: Russian River

SOURCES OF DATA: Personal observation of C. W. Parke and R. R. Klamt on July 6, 1970

<p>EXTENT OF OBSERVATION Include: Name of Surveyor, Date, Etc.</p> <p>LOCATION</p> <p>RELATION TO OTHER WATERS</p> <p>GENERAL DESCRIPTION</p> <p>Watershed</p> <p>Immediate Drainage Basin</p> <p>Altitude (Range)</p> <p>Gradient</p> <p>Width</p> <p>Depth</p> <p>Flow (Range)</p> <p>Velocity</p> <p>Bottom</p> <p>Spawning Areas</p> <p>Pools</p> <p>Shelter</p> <p>Barriers</p> <p>Diversions</p> <p>Temperatures</p> <p>Food</p> <p>Aquatic Plants</p> <p>Winter Conditions</p> <p>Pollution</p> <p>Springs</p> <p>FISHES PRESENT AND SUCCESS</p> <p>OTHER VERTEBRATES</p> <p>FISHING INTENSITY</p> <p>OTHER RECREATIONAL USE</p> <p>ACCESSIBILITY</p> <p>OWNERSHIP</p> <p>POSTED OR OPEN</p> <p>IMPROVEMENTS</p> <p>PAST STOCKING</p> <p>GENERAL ESTIMATE</p> <p>RECOMMENDED MANAGEMENT</p> <p>SKETCH MAP</p> <p>REFERENCES AND MAPS</p>

EXTENT OF OBSERVATION - Main Branch of Hulburt Creek on foot from mouth to upper fish limit, 6.2 miles upstream.

LOCATION - Hulburt Creek flows into the Russian River at Guerneville Park ½ mile West of Guerneville on California Highway 12.

RELATION TO OTHER WATERS - The Russian River flows into the Pacific Ocean at Jenner.

GENERAL DESCRIPTION -

Watershed & Immediate Drainage Basin - Canyon varies from mouth to upper fish limit, from bowl-shaped to V-shaped with gentle to rough terrain forested with redwood, oak, maple, alder, laurel, and willow. The total drainage area is 8.45 square miles.

Altitude - At mouth, 50 ft. At upper fish limit, 450 ft.

Gradient - 77 feet per mile.

Width - Riffles: 6-36 inches. Pools: 2-6 ft.

Depth - Riffles: ½-4 inches. Pools: 4-36 inches.

Flow - Ranged from ¼ cfs, in upper stretches to 2¼ cfs. in lower.

Velocity - Rapid.

Bottom - Average: Silt - 15-20%; sand - 5-20%; pea gravel - 25-35%; marble gravel - 15-20%; pingpong gravel - 10-13%; baseball gravel - 5-12%; intermediate rubble - 5%.

Spawning Areas - Ranged from 40-75%,

Pools - Average 30-60%, Size: 6-10 ft, long, 3-4 ft. wide, 4-36 inches deep.

Shelter - Mostly from undercut banks and large rubble. Average 3 feet shelter per 10 feet stream.

Barriers - 10 complete log jams, 8 incomplete, but potential jams and 1 summer dam.

Diversions - None noted.

Temperatures - Maximum at a point 4 miles upstream from mouth on July 6, 1970 at 1615: Altitude - 150 ft. Weather - clear. Air - 84°F. Water - 70°F.

Food - Caddisfly and mayfly nymphs, aquatic beetles.

Aquatic Plants - Algae.

Winter Conditions - Flow 5-6 feet above summer level.

Pollution - None noted.

Springs - Many small springs noted.

FISHES PRESENT AND SUCCESS - Silver Salmon and Steelhead Trout.

Sizes: SS - 3½-5 in. SRT - 1½-3 in. 4-7 in.

Abundance: SS - scattered schools of 10 or so. SRT - 75-200/100 ft.

OTHER VERTEBRATES - Frogs, garter snakes.

FISHING INTENSITY - Not known.

OTHER RECREATIONAL USE - Not known.

ACCESSIBILITY-Accessible from the Canyon Road which begins 1 mile North of California Highway 12 on the Old Cazadero Road. The Canyon road has wash-outs in the upper stretches, thus three sections of the stream are accessible only on foot. The lower sections can be driven if keys can be obtained from the owners of the land.

OWNERSHIP-Many property owners. Some areas posted and a few locked gates were encountered.

POSTED OR OPEN-Some areas.

IMPROVEMENTS-Removal of 18 log jams.

GENERAL ESTIMATE-The Main Branch of Hulburt Creek offers 6.2 miles of good spawning and rearing grounds for salmonids, and with the removal of log jams would increase its productivity.

RECOMMENDED MANAGEMENT-Clearance of 18 log jams, 10 of which are complete blocks to fish and 8 of which are incomplete, but potential jams.

SKETCH MAP-Attached.

REFERENCES AND MAPS-U.S.G.S. 7½ minute series (Cazadero Quad.) 1943.
Scale: 1 to 24,000.

Hulbert Creek

T&N ROW SEC 31

