

THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF FISH AND GAME

STREAM SURVEY

File form No. _____ **Date:** December, 29, 1970

NAME: Hulburt Creek, Unnamed Tributary #2 **COUNTY:** Sonoma

STREAM SECTION: _____ **FROM:** Mouth **TO:** Upper Fish Limit **LENGTH:** 1.5 mi.

TRIBUTARY TO: Hulburt Creek **TWP:** 8N **R:** 11W **SEC:** 13

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.

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

EXTENT OF OBSERVATION-Tributary No. 2 on foot from mouth to upper fish limit, 1.5 miles upstream.

LOCATION-Tributary No. 2 of Hulburt Creek flows into Hulburt Creek 3.5 miles upstream from mouth.

RELATION TO OTHER WATERS-Hulburt Creek flows into the Russian River at Guernwood Park.

GENERAL DESCRIPTION -

Watershed - Immediate Drainage Basin - U- to V-shaped canyon with moderate to rough terrain forested with redwood, oak, maple, and laurel. Total drainage area is 1,4 square miles.

Altitude - At mouth, 200 ft., at upper fish limit, 500 ft.

Gradient - 200 ft./mile

Width - Riffles: 6-24 in. Pools: 1-3 ft.

Depth - Riffles: 3/4-1 1/4 in. Pools: 2-18 in.

Flow - 1/4 cfs. estimated average.

Velocity - Rapid in riffles and slow in pools.

Bottom - Averages: silt - 15-20%; sand - 7-10%; pea gravel - 25%; marble gravel - 15-18%; ping pong gravel - 15%; baseball gravel - 10-13%; intermediates - 5%; basketball rubble - 2-10%.

Spawning Areas - Ranges from 40-70%. Averages 50%. Spawning grounds good, but nursery grounds lacking.

Pools - 30-60%. Average size: length - 4-7 ft. width - 2-4 ft. depth - 4-30 in.

Shelter - Primarily from undercut banks and large rubble. Average 1 ft. shelter per 8 ft. stream.

Barriers - 7 complete log jams and 2 incomplete blocks.

Diversions - None noted.

Temperatures - Maximum at 1545 on July 6, 1970: Weather - clear. Altitude - 300 ft. Air - 82°F. Water - 70°F.

Food - Caddisfly and mayfly nymphs, aquatic beetles.

Aquatic Plants - Numerous algae.

Winter Conditions - 4-5 ft. above summer level.

Pollution - None noted.

Springs - Numerous small springs noted.

FISHES PRESENT AND SUCCESS - Steelhead Rainbow Trout and Sculpin: Sizes - SRT - 1 1/2-3 in. 3-6 in. Sculpin - 1/2-2 1/2 in. Abundance - SRT - 100-200/100 ft. Sculpin - 5-10/100 ft.

OTHER VERTEBRATES - Frogs.

FISHING INTENSITY - Unknown.

OTHER RECREATIONAL USE - Summer homes, picnicking, hiking.

ACCESSIBILITY - The first 1/2 mile accessible from the west branch of Canyon Road. From there, one must go on foot because of the bad condition of the road.

OWNERSHIP - Not known.

POSTED OR OPEN - Open.

IMPROVEMENTS-Removal of 9 log jams.

GENERAL ESTIMATE-Tributary No. 2 of Hulburt Creek offers roughly 1.5 miles of good spawning grounds and about 1¼ miles of good nursery grounds, which can be improved by the removal of 9 log jams in the creekbed.

RECOMMENDED MANAGEMENT-Clearance of 9 log jams, 7 of which are complete blocks, and 2 of which are incomplete, but potential jams.

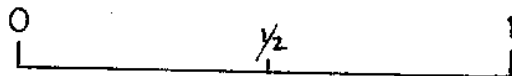
SKETCH MAP-Attached.

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

HULBURT CREEK

TRIB. NO. 3

T. 8 N. R. 11 W. S. 24.



Scale 1:24000

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