

THE RESOURCES AGENCY OF CALIFORNIA
CALIFORNIA DEPARTMENT OF FISH AND GAME

STREAM SURVEY

File form No _____ Date: January 7, 1971

Name Fuller Creek, South Fork County Sonoma

Stream Section _____ From Mouth To Upper fish limit Length 3 mi.

Tributary To Fuller Creek Twp 10N R 13W Sec 16

Other Names Not known River system Gualala River

Sources of Data Personal observation of C. W. Parke and R. R. Klamt on June 18, 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
Winter Conditions
Pollution
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 -- South Fork Fuller Creek on foot from mouth to upper fish limit 3 miles upstream.

LOCATION -- South Fork Fuller Creek flows into Fuller Creek 1 mile North of where the Annapolis-Clarks Crossing Road crosses Fuller Creek.

RELATION TO OTHER WATERS -- Fuller Creek flows into the Wheatfield Fork of the Gualala River, which flows into the Gualala River.

GENERAL DESCRIPTION:

Watershed and Immediate Drainage Basin -- Consists of a steep-sided U-shaped canyon forested with redwood, alder, and oak. The total drainage is 4.7 square miles.

Altitude -- At mouth, 300 ft. and at upper fish limit, 750 ft.

Gradient -- 150 feet per mile.

Width -- Average 4 feet.

Depth -- Average 3-4 inches.

Flow -- Ranged from 2.8 cfs. at a point 1/2 mile upstream of mouth to 1.5 cfs. at upper fish limit, 3 miles from mouth.

Velocity -- Rapid.

Bottom -- Average of: silt - 20%; sand - 30%; coarse gravel - 30%; fine rubble - 20%.

Spawning Areas -- Average 50%. Spawning areas decreasing upstream due to the increase in rubble and silt.

Pools -- Average 15-20%. Generally not deeper than 2-2 1/2 ft. width - 6 ft. depth - 15 ft.

Shelter -- Mostly from logs and stumps with boulders and undercut banks playing a small part. Average 1 ft. shelter to 4 ft. stream.

Barriers -- 7 complete log jams, 15 incomplete, but potential jams, 3 bedrock falls block fish travel completely.

Diversions -- None noted.

Temperatures -- Maximum at point 1/4 miles upstream of mouth on June 18, 1970 at 1320; Altitude - 450 ft. Air - 84°F. Water - 75°F. Weather - clear. Average temperature: 70°F.

Food -- Caddisfly and mayfly larvae, polywogs, water striders.

Aquatic Plants -- Algae.

Winter Conditions -- 6-8 feet above summer level.

Pollution -- None noted.

Springs -- None noted.

FISHES PRESENT AND SUCCESS -- Silver Salmon and Steelhead. Sizes: SS - 2-3 in. SH - 1-2 in. 3-5 in. Abundance: SS - 100/100 ft. SH - 100/100 ft.

OTHER VERTEBRATES -- Frogs, salamanders, polywogs.

FISHING INTENSITY -- Not known.

OTHER RECREATIONAL USES -- Not known.

ACCESSIBILITY -- Accessible from the South Fork Kelly Road which runs up the stream from the mouth to the upper fish limit. Kelly Road is reached from the Hollow Tree Lumber Company road at the Hollow Tree Store on the Annapolis-Clarks Crossing Road.

OWNERSHIP -- Unknown.

POSTED OR OPEN -- Kelly Road is posted "No Trespassing."

IMPROVEMENTS -- Removal of 22 log jams.

GENERAL ESTIMATE -- The South Fork of Fuller Creek offers 3 miles of good spawning and nursery grounds for salmon and steelhead. The removal of 22 log jams would increase the productivity of the stream by letting more fish into the upper stretches of the stream to spawn.

RECOMMENDED MANAGEMENT -- Clearance of 22 log jams, 7 of which are completely blocking fish and 15 of which are incomplete, but potential blocks.

SKETCH MAP -- Attached. (sic)

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