

THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF FISH AND GAME

STREAM SURVEY

Date: December 30, 1970

NAME: Freezeout Creek COUNTY: Sonoma

STREAM SECTION: FROM: Mouth TO: Upper Fish Limit LENGTH: 1.4 mi.

TRIBUTARY TO: Russian River TWP: 7N R: 11W SEC: 14

OTHER NAMES: Not known RIVER SYSTEM: Russian

SOURCES OF DATA: Personal observation of R. Klamt and R. Edwards on August 13, 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 - Freezeout Creek on foot from mouth to upper fish limit 1.4 miles upstream.

LOCATION - Freezeout Creek flows into the Russian River just across the river from Duncans Mills.

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

GENERAL DESCRIPTION -

Watershed - Immediate Drainage Basin - Bowl - to V-shaped canyon with gentle to rough terrain forested with redwood, alder, and laurel. Total drainage area is 3.3 square miles.

Altitude - At mouth, 50 ft. At upper fish limit, 350 ft.

Gradient - 224 ft. per mile.

Width - Averages: riffles - 1½ ft. pools - 4 ft.

Depth - Averages: riffles - 1½ in. pools - 1 ft.

Flow - 1/10 cfs.

Velocity - Moderately rapid.

Bottom - Average: silt - 30%; sand - 30%; pea gravel - 10%; marble gravel - 10%; ping pong gravel - 5%; baseball gravel - 5%; intermediate gravel - 57%; basketball rubble - 5%.

Spawning Areas - Averaged 60%.

Pools - 60% frequency: width - 4 ft., depth - 1 ft., length - 15 ft.

Shelter - Good - 5 ft. shelter per 10 ft. stream. Mostly from vegetation boulders, and undercut banks.

Barriers - 4 complete jams, 10 incomplete, but potential jams.

Diversions - None noted.

Temperatures - At mouth on August 13, 1970 at 1530: Altitude - 50 ft.,

Weather - Clear, Air 62°F., Water - 54°F.

Food - Caddisfly, mayfly, and aquatic beetle larvae, aquatic beetles.

Aquatic Plants - Algae.

Winter Conditions - Flow 4 ft. above summer level.

Pollution - None.

Springs - Few noted.

FISHES PRESENT AND SUCCESS - Silver Salmon and Steelhead Trout. Sizes: SS - 1-2 in.

SH - 1½-2 in. Abundance: SS & SH - 25/100 ft.

OTHER VERTEBRATES - Frogs.

FISHING INTENSITY - Not known.

OTHER RECREATIONAL USE - Camping.

ACCESSIBILITY - Accessible from a dirt road that runs along the stream.

OWNERSHIP - Unknown. [(Most owned by Louisiana Pacific Corp.) (1982 [sic])]

POSTED OR OPEN - Posted.

IMPROVEMENTS - Clearance of 14 log jams.

GENERAL ESTIMATE - Freezeout Creek offers roughly 1.4 miles of good spawning and rearing grounds for Salmonids. With the removal of the 14 log jams, fish travel up the stream would be easier and faster.

RECOMMENDED MANAGEMENT - Clearance of 14 log jams, 4 of which are complete jams, and 10 of which are incomplete, but potential jams.

SKETCH MAP - Attached.

REFERENCES AND MAPS - U.S.G.S. 7½ minute series (Duncans Mills Quad.) 1943.
Scale: 1 to 24000.

LOG JAM DIMENSIONS: FREEZEOUT CREEK.

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|--------------------------------|--------------------------|
| 1 - 15x25x5 | *8 - 50ft. loose logs. |
| *2 - 20x10*5 | *9 - 50ft. loose logs. |
| *3 - 100yds. willows in creek. | *10 - 100ft. loose logs. |
| *4 - 10x10x5 | *11 - 25ft. loose logs. |
| *5 - 10x10x2 | 12 - 20x20x10 |
| 6 - 30x20x5 | 13 - 15x20x15 |
| *7 - 150ft. loose logs. | *14 - 60ft. loose logs. |
| | UFL - Steep gradient. |
- * Incomplete, but potential log jams.

