

THE RESOURCES AGENCY OF CALIFORNIA
California Department of Fish and Game

STREAM SURVEY

Date: _____

NAME: Indian Creek, North Fork **COUNTY:** Mendocino County

STREAM SECTION: _____ **FROM:** mouth **TO:** upper forks **LENGTH:** 5½ miles

TRIBUTARY TO: Indian Creek **TWP:** 14N **R:** 14W **SEC:** 14

OTHER NAMES: None known **RIVER SYSTEM:** Navarro River

SOURCES OF DATA: Personal observation by Dennis Peters and Doug Ayers

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

LOCATION : 5½ miles from mouth of Indian Creek.
GENERAL DESCRIPTION : Section 1, from mouth to West Branch Creek conjunction, a distance of 2½ miles. Section 2, from West Branch Creek to upper forks, a distance of 2 miles. Both sections are "V" shaped canyons with a slope ranging from 40 to 50 degrees. Vegetation, redwood forest, tan oak and some open grassland. Soil composed of clay.
Altitude : 600' at mouth, 1320 at upper forks and 2400' at headwaters.
Gradient : 130' per mile for first two sections. 440' per mile from upper forks to headwater.
Width : Section 1 had a range of from 6-7 feet. Section 2 ranged from 3-5'.
Depth : Section 1 ranged from 8" to 10", Section 2 from 4" to 6".
Flow : A flow of 4-5 c.f.s. is present at the mouth, this diminishes slowly to about 1 c.f.s. at the upper forks.
Velocity : Velocity was generally rapid throughout the length of creek.
Bottom : Section 1 consisted of baseball sized gravel to about 2'. Areas of walnut gravel were also abundant. Section 2 found the rubble size increasing to basketball size, dispersed with some bedrock and pockets of walnut gravel.
Spawning Areas : Section 1 offered good to excellent spawning conditions. The presence of both baseball and walnut sized gravel was responsible for this. Section 2 had fair to good spawning

areas.

Pools : Pools in section 1 were scattered throughout and averaged in size 6' x 6' x 2'. Section 2 found more but smaller pools, 4' x 4' x 1½.

Shelter : The shelter in section 1 was generally lacking with long stretches of exposed water. Section 2 found shelter conditions improving but still limited. The usual boulders, logs and rock overhangs afforded the shelter present.

Barriers : Log jams number 14 (see map) approximately 3 miles above the mouth appears to be the present fish limit. This jam is 29' x 40' x 15' and heavy.

<u>Temperatures</u>	Mouth	at West Branch	Upper forks
Altitude	600'	940'	1240'
Time	0930	1115	1315
Water	63	68	70
Air	73	74	78

Aquatic Plants : Section 1 had a large abundance of algae growth. Section 2, algae present but in lesser quantities.

Pollution : Absent.

FISHES PRESENT AND SUCCESS : Fish present were steelhead, silver salmon and roaches. Native rainbows were present above jam # 14. Fry 2-3", natives up to 8". Abundance and success were all good.

OTHER VERTEBRATES : Salamanders, snakes.

FISHING INTENSITY : Not known.

OTHER RECREATIONAL USE : Not known.

ACCESSIBILITY : 2 miles north of Boonville the Peachland Road begins. A gate owned by Max Rawles is found on the left after about 5 miles. This road crosses Indian Creek about ½ mile below the mouth of North Fork. An old road (passable 2-wheel drive) drops to the right to the mouth of the North Fork.

OWNERSHIP : Max Rawles owns property on south slope of Indian Creek. No[t] known whether or not Rawles owns the North Fork drainage.

IMPROVEMENTS : Removal of jam #14, present fish limit. 18 other jams of light to moderate intensity also need removal.

GENERAL ESTIMATE : The North Fork affords a respectable flow the entire length. Gradient, nursery conditions and other factors make this stream good to excellent as a migratory stream.

REFERENCES AND MAPS : Jack Junes and Max Rawles, source for accessibility. Maps 1 - USGS 15 series. Boonville Quadrangle.

No date - but these
guys were in the area
July 1969.