

THE RESOURCES AGENCY OF CALIFORNIA
Department of Fish and Game

MEMO - South Fork Noyo River
SF 105-1000

STREAM SURVEY

FILE FORM No....

DateSeptember 28 1967

NAME.... South Fork Noyo River..... .COUNTY....Mendocino.....

STREAM SECTION . . . FROM Spillway of lake . . . To Boundary State forest LENGTH .75

TRIBUTARY TO Noyo River

OTHER NAMES.... None known SYSTEM....Noyo River.....

SOURCES OF DATA... Personal observation

- 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 - Entire section was surveyed on foot, on August 19, 1966. The survey required about 2 hrs. Surveyor: Brian Edie.

LOCATION AND RELATION TO OTHER WATERS - The lake just above the stream section is visible from Highway 20 and is approximately 13 miles east of Fort Bragg. The stream section is the headwaters of the South Fork of the Noyo River. The section is valuable as a nursery area for steelhead and silver salmon.

GENERAL DESCRIPTION-

Watershed and immediate drainage basin - The stream section runs through a fairly wide valley which ends in stepsided hills. The area has been cut over and has only scattered trees. The area of the streambed is very lush with grasses and marsh-type plants. The stream flows towards the west. The stream channel meanders, while the bottom changes from bowl shaped in the pools to flat in the riffle areas. Vegetation is very abundant and consists of grasses, cattails, ferns and a few red-woods,

Altitude - At spillway of dam - 303 ft. Near Jackson State Forest

Boundary - 240 ft.

Gradient - 84 ft./mi. Gradient is slight.

Width - Station 1 (below spillway) - pool 8 ft. avg., 4 ft.-12 ft.

range. Riffle 4 ft. avg., 2 ft.-4 ft. range. Station 2 (at State

Forest Boundary), pool - 8 ft. avg., 5-10 ft. range. Riffle 3 ft. avg., 1 ft.-4 ft. range.

Depth - Station 1, pool 2 ft. avg., 1 ft.-3 ft. range. Riffle .5 inch,, no range.

Station 2 - pool 2 ft. avg., 1 ft.-3 ft. range. Riffle .5 in., no range.

Flow - Station 1 - less than .1 c.f.s. Station 2 - less than .1 c.f.s.

Velocity - sluggish.

Bottom - Station 1 - heavy silt on coarse and fine rubble. Coarse rubble 25%, fine rubble 25%. silt 20%, fine and coarse gravel 20%, all others 10%. Station 2 - heavy silt on variety of bottom materials. Rubble 10%; coarse gravel 20%; fine gravel 25%; sand 30%; silt 15%.

Spawning areas - Some spawning gravels are present in the stream however the heavy silt load might render them useless. Salmon and steelhead are present and doing well so that the gravels may be productive.

Pools - Frequency is excellent; caused by digging action of current and undercut banks.

Generally long, wide and deep. Length - 30 ft., width - 8 ft., depth - 2 ft.

Shelter - Shelter along the stream is very good. Most shelter is due to undercut banks in combination with streamside-vegetation Few logs or boulders that provide shelter.

Barriers - No barriers are present in the mainstream. The tributary entering the South Fork .25 miles above State Forest boundary is filled with logs, but its only value is in contributing to the summer flow.

Diversions - none

Temperatures - Station 1 - air 73°, H₂O 63°, 1405 hrs. Station 2 - Air 74°, H₂O 61°, 1530 hrs.

Food - Food is fairly abundant in the stream.

Aquatic Plants - Aquatic plants are very common, algae is present on many rocks, mosses are not common. Higher plants are cattails, horsetails, grasses and other bushes.

Winter conditions - Stream covers a low flood plain, no high water mark visible. Does not increase gravel area, velocity of water moderate to rapid.

Pollutio - Silt in stream from logging done on watershed. Due to road building, logging practices and erosion.

Springs - None noted.

FISHES PRESENT AND SUCCESS - Silver salmon, steelhead and stickleback were present in the stream. One green sunfish was captured presumably from a stocking of the lake. Stickleback were the most abundant species. Only scattered steelhead were observed. Size: silver salmon - 2"-4" range. Steelhead - 2"-7" range. Sticklebac - 1".

OTHER VERTEBRATE - Frogs were numerous.

FISHING INTENSITY - Light, closed during summer.

OTHER RECREATIONAL USE - Hunting and camping.

ACCESSIBILITY - Highway 20 to Parlin Fork Conservation Camp Road; Parlin Fork Road to Union Lumber Co. Road; Union Lumber Road follows streambed. Also possible to enter road directly from Highway 20, farther east. Both entrances to Union Lumber Road have locked gates.

OWNERSHIP - Union Lumber Co.

POSTED OR OPEN - Posted. Permission required from Union office.

IMPROVEMENTS - Increase of summer flow by use of dam water might be beneficial.

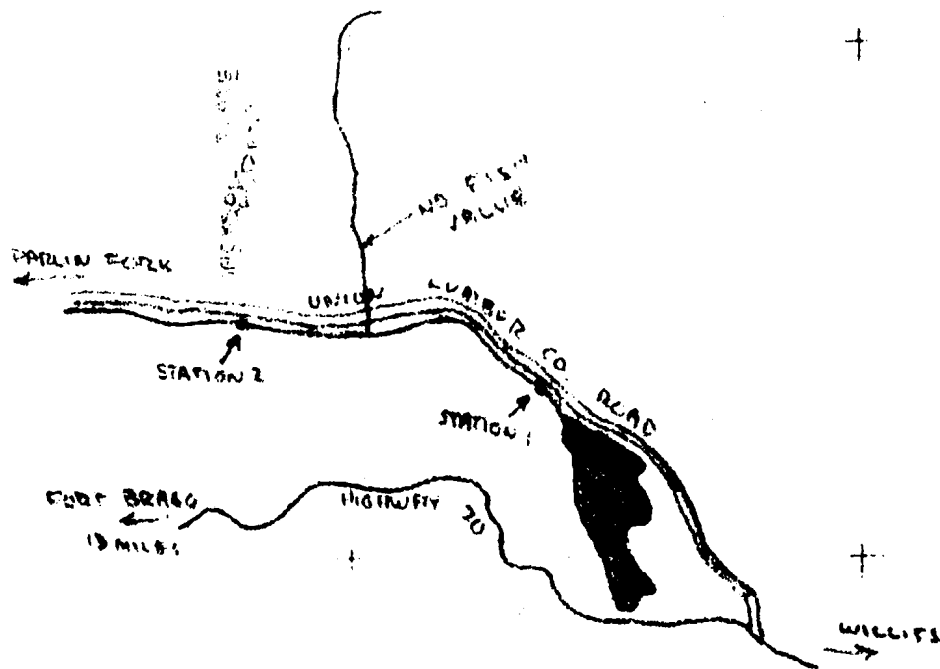
PAST STOCKING - Not known

GENERAL ESTIMATE - The summer fd w of this stream and the silt are the limiting environmental factors, silver salmon and steelhead find the stream suitable.

RECOMMENDED MANAGEMENT - Increase of summer flow utilizing stored water. Reduction in number of stickleback in stream.

SKETCH MAP - attached

REFERENCES AND MAPS - California Division of Forestry Map, Jackson State Forest - 1964.



	+	STREAM CLASSIFICATION III	
		MILES NOW ACCESSIBLE	.75
		MILES TO BE IMPROVED	0
		TOTAL MILES	.75

SOUTH FORK NONA RIVER
SCALE 1:24,000

