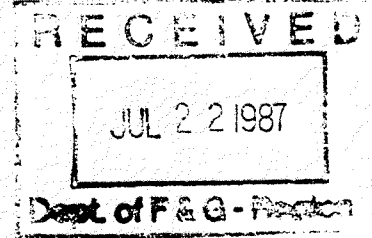




Redwood Creek, Humboldt Co.
(Field Note)

A SN 90467 7



Tributary to: Pacific Ocean
 Dates of Survey: July 14-16, 1987
 Purpose of Survey: Summer steelhead survey.
 Location: T11N, R1E, Sec.32. Hwy. 299 downstream to Lacks Creek.
 Method of Survey: Personal observations by snorkeling pools.
 Surveyors: Matt Smith (Trinity Fisheries Consulting) and Donna Cobb (DF&G).

Observations: Wetted channel width averaged 25-30' throughout survey.

Hwy. 299 to Minor Creek: survey date July 14, 1987. Bottom composition was predominately bedrock, small boulders and cobbles.

Water temperature in the mainstem averaged 67°-68°F on July 14, 1987. Water temperature in Lupton Creek was 69°F on July 15, 1987.

One summer steelhead was observed in the upper section (indicated on map).

Minor Creek to Beaver Creek: Survey date July 15, 1987. Bottom composition was predominately gravel. Long homogenous sections with no pools.

Water temperature in mainstem averaged 69°-70°F. Water temperature in Minor Creek 69°F on July 15, 1987.

No summer steelhead were observed.

Beaver Creek to Lacks Creek: Survey date July 16, 1987. Beaver Creek downstream to church community (Stover Creek) the stream looked real nice. Pool:riffle ratio increased.

Stream meander course increased. Good riparian cover. This section had the most pools. Pool cover increased, provided for by woody debris, large boulders and undercut bedrock. Overall woody debris in the stream increased.

Good spawning and rearing habitat.

Water temperature of mainstream averaged 65°-66°F on July 16, 1987.

No summer steelhead were observed.

From the church community (Stover Creek) downstream to Lacks Creek the stream returned to a long homogenous reach

with very few pools. Bottom composition was predominately small gravel.

General Stream
Assessment:

Pool cover in Redwood Creek from Hwy. 299 to Lacks Creek was poor. Stream needs more woody debris and possibly some boulder placement. This will improve rearing habitat and increase pool:riffle ratios.

Total # dams along Redwood Creek = 12 dams
: small dams = 6 (causing some minor bank erosion and barriers to downstream migration of juveniles).
: large dams = 6 (3 were low flow barriers).

Largest dams were Chezem (approx. 25-30'deep) and church community (approx. 10'deep). Church community dam had a cool pool source near the left bank.

Total # pools along Redwood Creek = 129 pools.
Average pool size = 10' X 15' X 3-4'deep.
Range = 5' X 10' X 2'deep to 20' X 60' X 10'deep.

Total # summer SH observed = 1 summer steelhead.
Many YOY RT/SH.
100+ 1+ RT/SH
50+ 2+ RT/SH
20+ 3+ (possibly resident) RT/SH

Written by: Donna L. Cobb
Seasonal Aid

DLC:kl
7-21-87

1987 Redwood Creek Summer Steelhead Survey

- Survey Route
- #s Summer SH observed
- #● Sites described in text

Length of Survey:
 Hwy 299 - Lacks Cr = 16 mi
 Hwy 299 - Power Lines = 135
 (~1 mi DS Snow Camp Cr.)

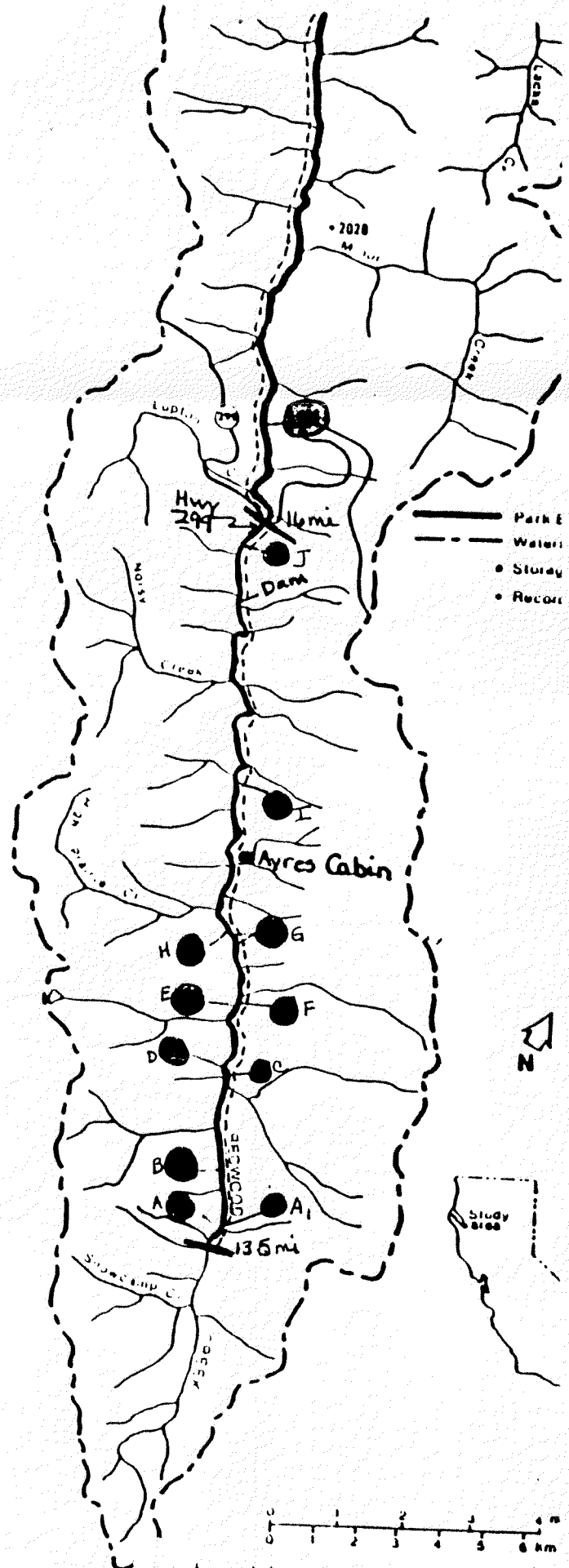
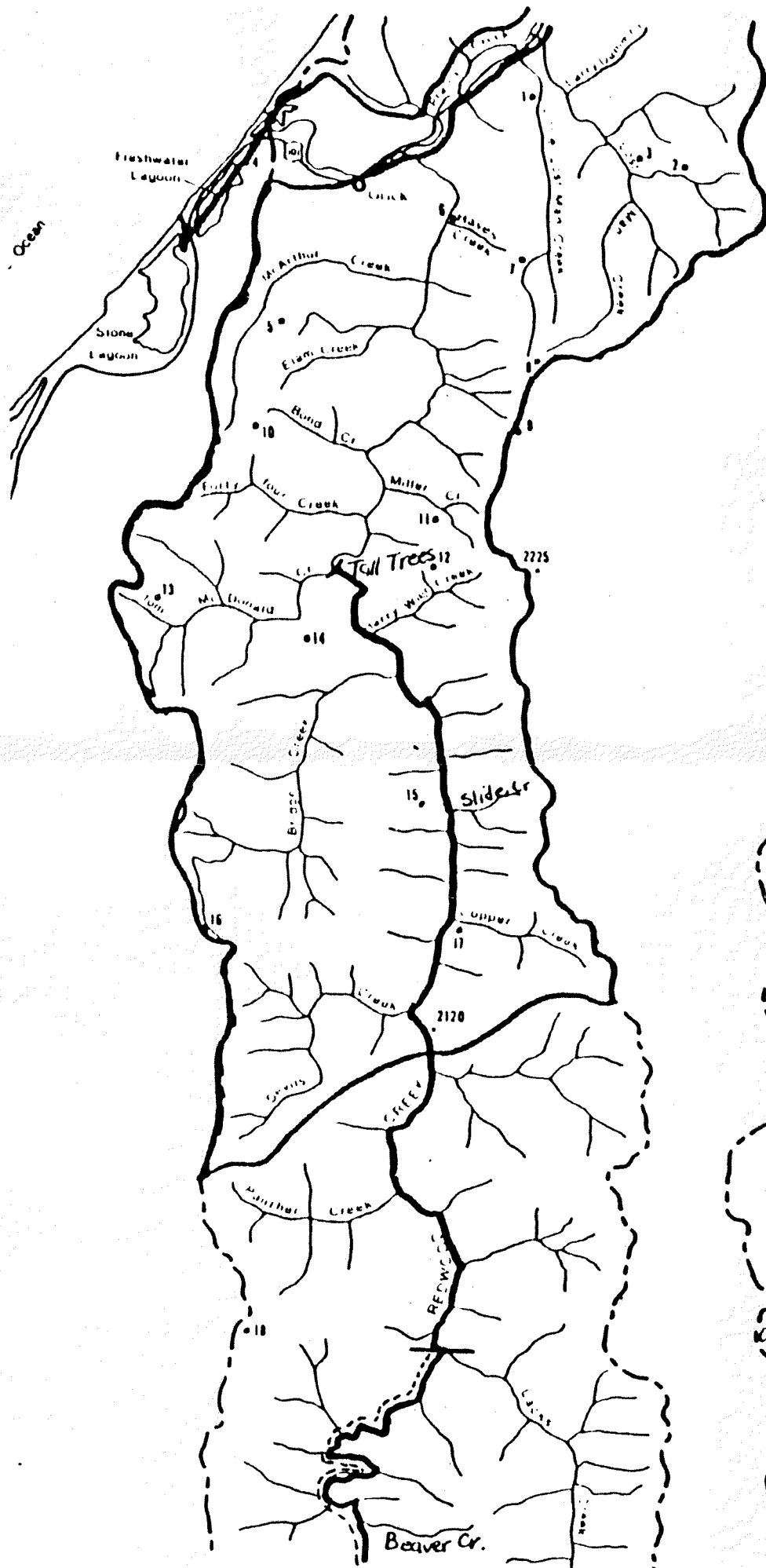


Figure 1. Location of precipitation gauges

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