

REF 90464

UNITED STATES GOVERNMENT

# memorandum

N1423

Date: May 16, 1989  
To: Fish and Wildlife Ecologist  
From: Biological Technician (Fisheries)  
Subject: Lower Redwood Creek Survey

On May 3, 1989, Bob Coey and I canoed down Redwood Creek from Tom McDonald Creek (Tall Trees Grove) to the berm at the estuary, a distance of 19.5 km. The flow of Redwood Creek recorded two days earlier on the 1st at Orick by USGS was 595 cfs. Access to Redwood Creek was gained from the westside of the basin on the M-line. The trip downstream took approximately 4.5 hours (including lunch).

Thirty (30) redds were observed from the canoe. They occurred between Tom McDonald Creek and Cloquet Creek (see attached map). All the redds were found on the margins of the creek just above riffle crests in about one foot of water. Many were clustered around each other. No fish were seen from the canoe, but the redds were assumed to be steelhead redds. Steelhead are the last salmonid run of the winter in Redwood Creek.

Numerous trees were down on the slopes (winter storm damage) causing open spaces next to Redwood Creek. The Elam and Hayes Creek 'cold pools' are gone, no longer separated from the mainstem by gravel bars. Redwood Creek now flows into what was once the Hayes Creek cold pool and much of the large organic debris is gone. We saw one person fishing below the 101 bridge. In the estuary, jumping juvenile fish and rings caused by rising fish were observed.

At 595 cfs flows, the canoe bottomed out on several riffles. No hazardous water conditions were encountered, except at Miller Creek where large trees protrude out of the entire Redwood Creek channel.

If you have any questions, please contact me.

*David Anderson*

David Anderson

cc: Bob Coey

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R.M. C.  
MAY 22 1989  
7:10 AM  
1, 2, 3, 4, 5, 6 PM

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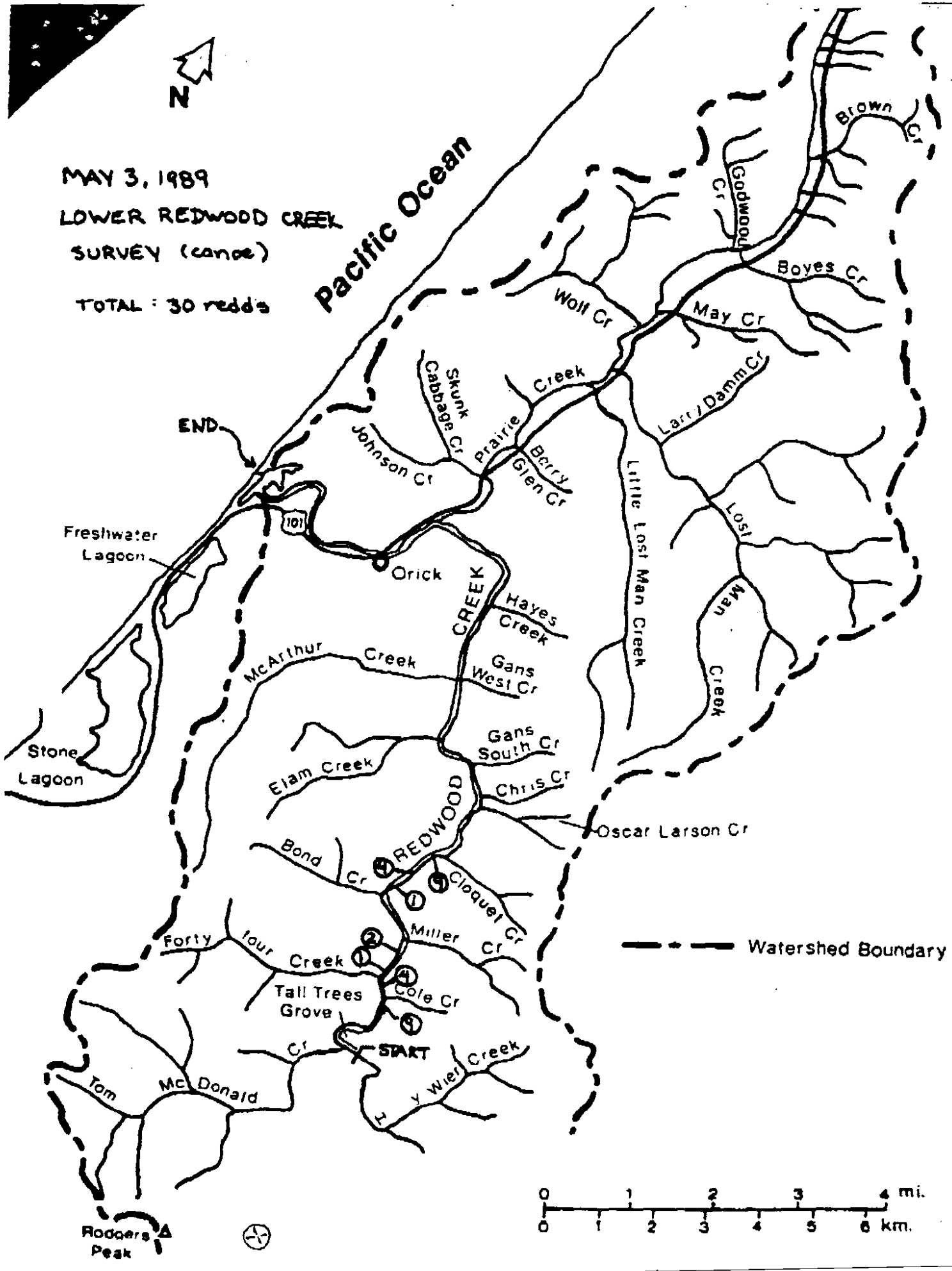


MAY 3, 1989

LOWER REDWOOD CREEK  
SURVEY (canoe)

TOTAL: 30 redds

Pacific Ocean



END

101

Freshwater Lagoon

Stone Lagoon

Orick

REDWOOD CREEK

McArthur Creek

Creek

Hayes Creek

Gans West Cr

Gans South Cr

Elam Creek

Chris Cr

Bond Cr

REDWOOD CREEK

Claquet Cr

Forty

Four Creek

Miller Cr

Tall Trees Grove

Cole Cr

START

Wier Creek

Tom

Mc Donald

Rodgers Peak

--- Watershed Boundary

