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Agriculture

Forest
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MEMORANDUM

June 15, 1998

TO: Pete Hassemer-IDFG Nampa, Sharon Kiefer-IDFG Boise, Dave Burns-Payette NF, Chance Gowan-Challis NF, Mark Moulton-Sawtooth NF, Bruce Smith-Salmon NF, Tim Burton-Boise NF, Paul Kucera & Mike Blenden-Nez Perce Tribe, Chris Raines-Shoshone-Bannock Tribe, Don Anderson-IDFG McCall, Tom Curet-IDFG Salmon, Dale Allen-IDFG Nampa.

SUBJECT: 1997 Middle Fork Salmon River Chinook Salmon redd count summary

Here is the annual summary of redds counted and live fish observed during the chinook salmon spatial habitat analysis project. I surveyed most stream reaches using low-level helicopter flights from September 8-11, 1997. We also completed ground-based surveys in reaches of the Big, Camas, Marsh, Loon, and Rapid River drainages that I could not adequately survey from the air.

IDFG has already sent me the results of their August 1997 index area counts. As many of you have sent in the past, I would again appreciate receiving any other redd counts completed by Tribal or Forest Service biologists in MFSR tributaries. Our intent is to map the complete distribution of redds as accurately as possible. Thanks for your cooperation.

Area Surveyed, Redds Counted, and Fish Observed:

1. Mainstem MFSR

Haystack Rapids to Big Hole: 7 redds

(In 1997 the river was too turbid to survey downstream from Haystack)

2. Bear Valley

Mouth to Fir: 3 redds

Fir to Dredge site: 44 redds

Elk Cr- mouth to West Fk: 104

Elk Cr- above West Fk: 2

3. Big

Mouth to Rush: 3 redds

Rush to Monumental: 7 redds

Monumental to Logan: 1 redd

No counts above Logan

Monumental- Snowslide to Roosevelt Lk + West Fk: 7 redds

4. Camas

Mouth to Hammer: 3 redds
Hammer to Castle: 11 redds
Castle to Fly: 9 redds
West Fk- mouth to Pole Cr: 3 redds

5. Indian

Mouth to Papoose: 5 redds

6. Loon

Mouth to Biggs Ranch: 1 redd
Biggs to Falconberry: 0
Falconberry to Cabin Cr: 26 redds + 9 live fish
Cabin Cr to Warm Springs: 4 redds + 2 live fish
Warm Springs to Pioneer: 11 redds + 3 live fish
Warm Springs-mouth to Parker mill: 3 redds + 3 live fish
Mayfield Cr- East and West Fks: 6 redds

7. Marble

Mouth to Cornish: 21 redds

8. Marsh

Mouth to Beaver: 4 redds
Beaver to Knapp: 36 redds
No counts above Knapp
Beaver- mouth to headwaters: 8 redds
Knapp- mouth to headwaters: 1 redd
No counts in Capehorn

9. Pistol

Mouth to Little Pistol: 0
Little Pistol to headwaters: 5 redds
Little Pistol- mouth to Springfield: 2 redds

10. Rapid River

Mouth to Bernard Cr: 7 redds + 2 live fish

11. Sheep

Mouth to canyon: 0

12. Sulphur

Mouth to Moorehead: 2 redds
Moorehead to Moonshine: 19 redds

13. Wilson

Mouth to Hoodoo Trailhead: 0