PROJECT CROOS Collaborative Research on Oregon Ocean Salmon

Information systems for fisheries science, management, and marketing

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West Coast Salmon GSI Collaboration





first or last days of the month unless otherwise specified.



2006 RESULTS



2007 RESULTS

CPUE

1.65 fish/day 316 days fished

Central Valley fa/fsp Klamath R. Northern Oregon Coast Rogue R. U Columbia R. su/fa June - July 2007, n = 388 Mid OR Coast Mid Columbia R. tule Garibaldi L Columbia R. fa S Puget Sound L Fraser R. CA Coast N OR Coast N CA / S OR Coast Central Valley spring Newport Southern Oregon Coast Waldport May - October, n = 2447 Florence Map Key Harvest Rates low. Coos Bay Klamath Management Zone July – September, n = 672high Port Orford Vessel effort low Brookings high

5.21 fish/day 446 days fished

7.49 fish/day 94 days fished



Data Presentation: Catch per Unit Effort



Northern Oregon Coast, June 2010

Stock

2010 Catch per Boat Day

- 22 stock groups
- May September
- Cape Falcon, Oregon to Santa Barbara, Calif.





2010 Stock Distributions

CPUE from low (blue) to high (red)





Electronic Fishery Information Systems

"Curry County PowerPoint"



Scott Boley



PACIFICFISHTRAX SUSTAINABLE FISHERIES BETTER SCIENCE NEW SOLUTIONS

Home News and Events About Us The Fish The Fisheries The People The Market Place Find Your Fish Resources

Welcome to Pacific Fish Trax (PFX) – part of the North American Fish Trax information-sharing system. Pacific Fish Trax focuses on fisheries along the West Coast of North America. This site provides information about West Coast fisheries as well as specific information on projects and customers using Pacific Fish Trax utilities such as "Find Your Fish" and the "Fisherman's Portal." Our goal is to support sustainable fisheries by providing valuable real time fishery information as well as knowledge about the community of fisheries on the West Coast. PFX provides viewers with a rich set of tools to track seafood products, link consumers and fishermen, and improve science, management, and marketing. We invite you to use this site to understand our broader fishery community including harvesters, processors, coastal communities, managers, scientists, consumers, and the public.

Questions or comments? Please email us!



The Fishermen



The Fishery Managers



The Way to Market



Find Your Fish



The Projects



The Marine Scientists



The Processors



Click here to access your data

New CROOS Data Available

Register here for the National eFIS Conference!

West Coast eFIS Workshop Information and Materials

The Community Seafood Initiative is a non-profit organization established in 1998 with offices in Astoria and Newport, Oregon. The mission of the Initiative is to act as an indispensible asset for the seafood industry, associated businesses and related coastal communities by providing access to credible information. relevant education, innovative services and consulting expertise necessary to be successful with their businesses. Primary projects include the North American Fish Trax system, Preserving Seafood-related Working Waterfronts Coalition, and the Community Based Education Collaborative.

The Fishing Community

Fish Trax Fisherman Portal: Welcome Screen

	Load Defaults Reset All Forms	ay Mode:	Welcome Jeff Feldner	
	Cours Defaults Reset All Forms Map	Graphs Table Overlays	Home Help Logout	
	Save Defaults	arkers 🔲 Tracks		
ACIFICFISHTRAX Subject to slight changes upon verification. [14:58:22] Loading fisher 82 [14:58:29] 317 fish encounters loaded. [14:58:29] 20 fish encounters found.		Welcome to the Pacit Trax Fisherman Porta Feldner	fic Fish al Jeff Rockaway Beach	Charts Map Satellite
From (mm/dd/yyyy): 06/01/2011		The map shows fish you've caught, indicated	by this icon:	Beaverton Dinard Damascus
To (mm/dd/yyyy): 06/15/2011		O Selected Fish	<u>101</u>	Newberg Tualatin Oraces City Mt Hood
Specific Range: Custom		Use the input fields on the left to select fish by location, size and more. Fish that have been a	y catch date, deselected appear	Wisonville Village Pine Hollow o Maupin
→ Region Saved Default		on the map as gray dots:	C 101 Willamina •	
Fish Size All		O Deselected Fish	CAR Dallas	Keizer o Silverton
► Biology All		For a more detailed explanation of how to use	e this site check out	Salem Aumsville
> Stock All		the wiki <u>here</u> .	Goe Bay o Beach Siletz	99E o Lyons Sprint Sprint
Oceanography Overlays		Don't show me this message again.	Close New Co Toled New Co Toled Philomath Philomath Varke Suslaw National Forest Unctor Coverse Coverse Cover	Muli City Scio Brownsville Brownsville Brownsville Crewell Cottage Grove beurg Umpqua National Forest Muli Amette National Forest
Coople		44 24.612	4' N, 127 31 1023' W	yrtle Creek

Fish Trax Fisherman Portal: Catch for June 1 – June 15, 2011



Fish Trax Fisherman Portal: Sea Surface Temperature Overlay



Fish Stock Distributions: Mid-Columbia Tules, June 2010



Fish Stock Distributions: Mid-Oregon Coast, June 2010



Fish Stock Distributions: Mid-Columbia Tules, June 2011



Fish Stock Distributions: Mid-Oregon Coast, June 2010



Fishery-independent Surveys

Goal: Develop test-fishery designs for in-season management.

Objective: Compare catch composition and distribution between normal commercial fishing and a statistical sampling design.

Experiment:

Trial 1 – Transects 10 boats, 2 days fish transect 1 day fish commercial 1 day

Trial 2 – Grid

9 boats, 2 days fish in grid cell 1 day fish commercial 1 day





PACIFICFISHTRAX sustainable fisheries better science new solutions

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Find Your Fish

Fishermen in Oregon and British Columbia have collaborated to bring you "Find Your Fish." Our vision is to provide you with information about the origin of the seafood you eat and the story of the fishermen who catch it. Participating fishermen tag each fish they catch with a bar code. If you have a tagged fish, enter the bar code in "Find Your Fish." You will learn who caught your fish, where and how it was caught, and much more. If you don't yet have a tagged fish, try entering one of the suggested bar codes. This test version works for the Georgia Strait chum salmon fishery and the Oregon Coast Chinook salmon fishery.

The find your fish map is one of the exciting consumer components to the Pacific Fish Trax project, helping you catch information that might otherwise get away.

Note: If you don't have a barcode to use, try one of these: OR1111, OR2222, OR3333, BC5555, BC6666, BC7777. Barcodes are case sensitive.





MEREO

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Brookings

Klamath Imagery @2009 TerraMetrics, Map date @2009 Orongle - Terresof Use

