

## TFW Policy Meeting 7/6/17

### Introduction for the SFLO Parcel Data Presentation by Luke Rogers

The purpose of Luke's presentation is to share/refresh folks about this resource with an eye towards helping you understand how you might use it as a tool in your own Template evaluation process.

This resource was initially funded with a federal grant secured by WFFA for the Rural Technology Institute at the University of Washington to help everyone, including ourselves, better characterize SFLOs across the Washington Landscape.

The RCWs and WACs require SFLOs have: “. . . alternate harvest restrictions on smaller harvest units that may have a relatively low impact on aquatic resources.” We likely all have differing interpretations of this legislative and regulatory requirement which will play out over the next several months.

“relatively low impact” can be looked at from both a site specific and landscape level. The science review/assessment due later this year should help us with the site specific level risk assessment. This Parcel Data tool should help each of us better understand any potential landscape level risks, or “cumulative affects”.

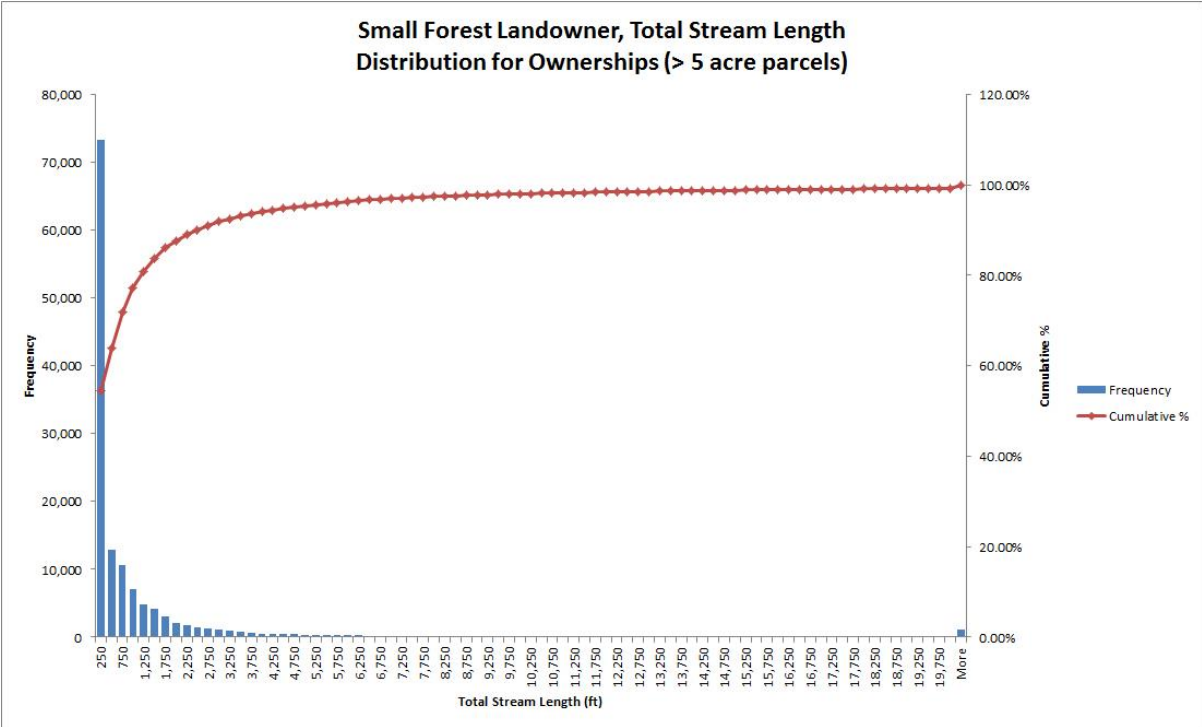
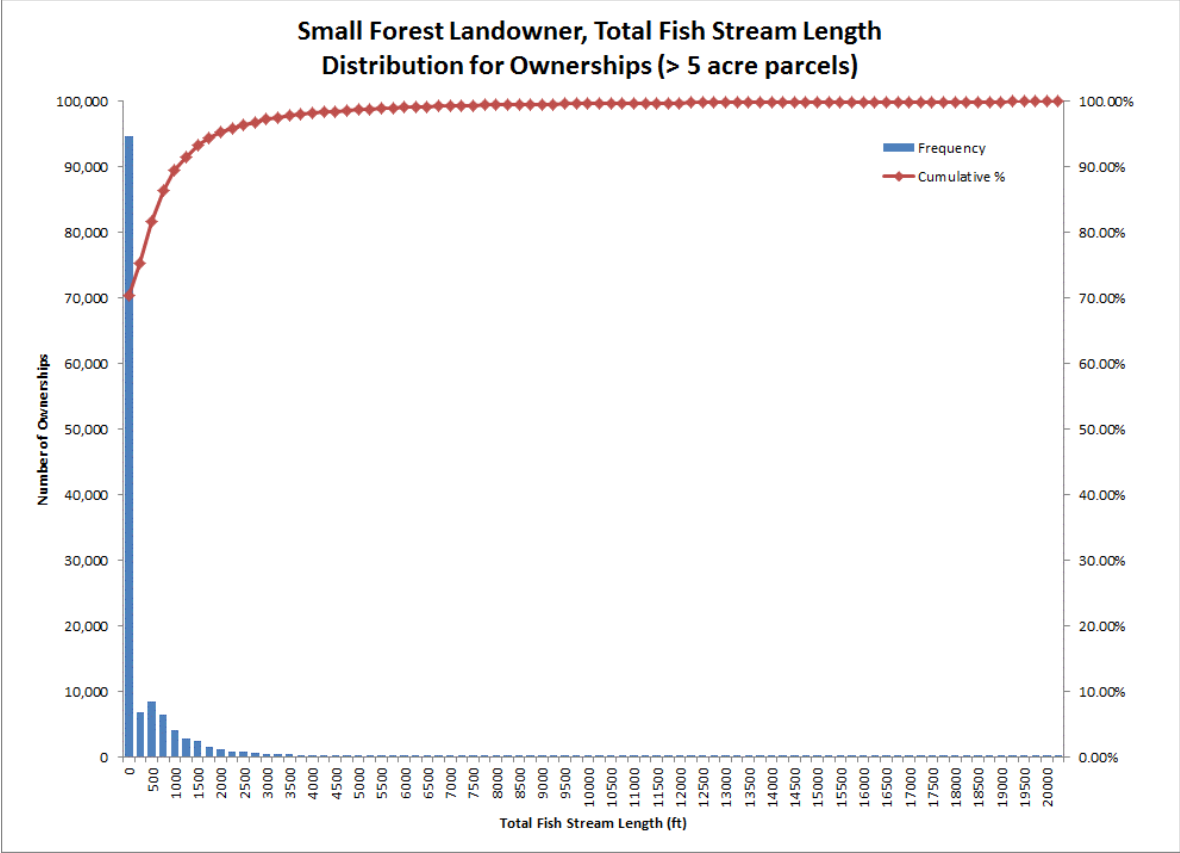
This communication is intended to give you heads up about the potential tool to help Luke's presentation be more meaningful, and hopefully encourage more questions about the data/tool. If you wish to do more pre-work check out these links:

[http://www.ruraltech.org/projects/wri/fldb/pdf/The\\_2007\\_Washington\\_State\\_Forestland\\_Database.pdf](http://www.ruraltech.org/projects/wri/fldb/pdf/The_2007_Washington_State_Forestland_Database.pdf)

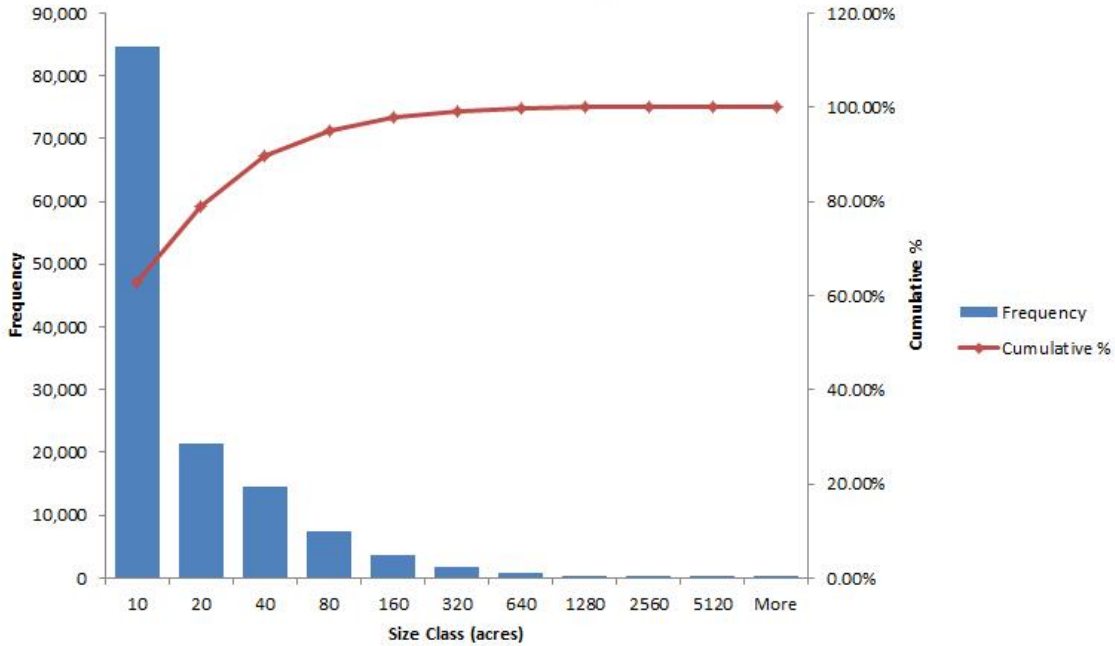
[http://www.ruraltech.org/projects/wri/fldb/tables/05\\_SFLO\\_stream\\_miles\\_WRIA.html](http://www.ruraltech.org/projects/wri/fldb/tables/05_SFLO_stream_miles_WRIA.html)

<http://www.ruraltech.org/projects/wri/fldb/#tables>

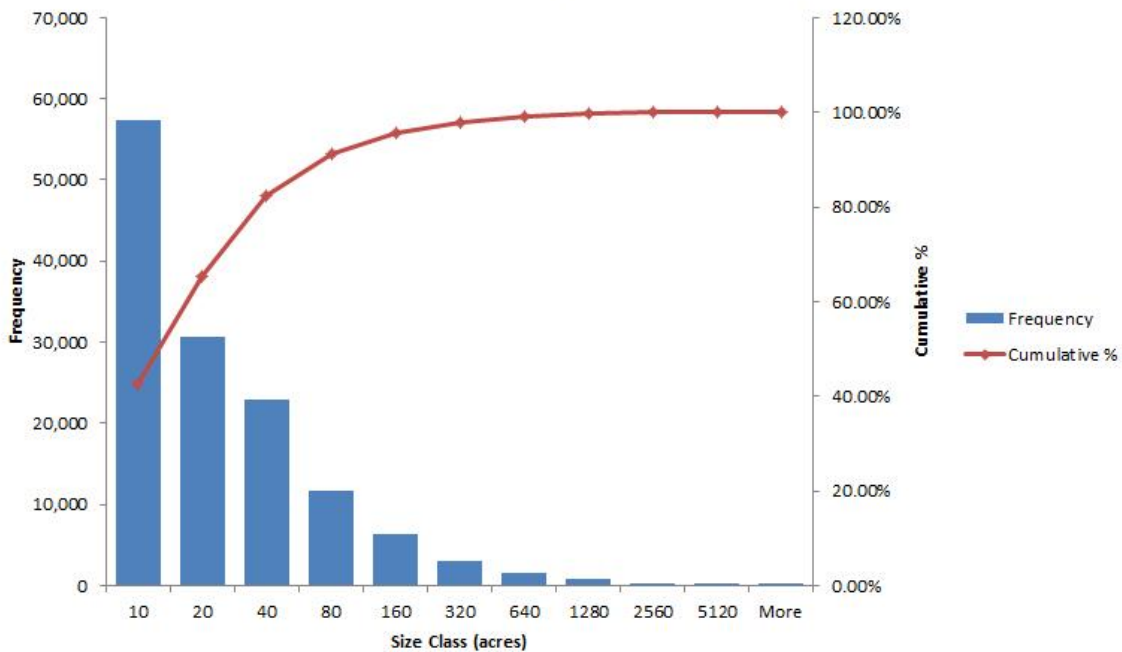
&/or review snippets in the following pages:



### Small Forest Landowner, Forested Acreage Distribution for Ownerships (> 5 acre parcels)



### Small Forest Landowner, Acreage Distribution for Ownerships (> 5 acre parcels)



[Links to other tables](#)

## 2007 Washington State Forestland Database SFLO Stream Miles By Type - WRIA

DNR Small Forest Landowner Office Statistics for the 2008 Legislative Report

Produced by the [Rural Technology Initiative](#)Rogers, Luke<sup>1,2</sup>; Cooke, Andrew<sup>1</sup><sup>1</sup> University of Washington, College of Forest Resources; 355 Bloedel Hall, Box 352100; Seattle, WA 98195-2100<sup>2</sup> Corresponding Investigator. tel: 1-206-543-7418, email: lwrogers@u.washington.edu

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Field Name	Definition
Total Stream Miles	Total miles of type S, F, and N streams in the WRIA
Total Fish Miles	Total miles of type S and F streams
Total Non-Fish Miles	Total miles of type N streams
SFLO Fish Miles	Miles of type S and F streams on SFLO lands
SFLO Non-Fish Miles	Miles of type N streams on SFLO lands
Percent Fish SFLO	Percentage of WRIA type S and F streams on SFLO lands
Percent Non-Fish SFLO	Percentage of WRIA type N streams on SFLO lands

NOTE ALL THE SORTING options

**SFLO Fish and Non-Fish Stream Miles by WRIA**

WRIA_NR	WRIA_NAME	TOTAL_STREAM_MILES	TOTAL_FISH_MILES	TOTAL_NONFISH_MILES	SFLO_FISH_MILES	SFLO_NONFISH_MILES	PERCENT_FISH_SFLO	PERCENT_NONFISH_SFLO
1	Nooksack	3,869	1,352	2,517	287	199	0.21	0.08
2	San Juan	217	134	83	76	55	0.57	0.66
3	Lower Skagit / Samish	1,792	735	1,057	203	99	0.28	0.09
4	Upper Skagit	6,299	1,948	4,351	103	83	0.05	0.02
5	Stillaguamish	2,902	1,001	1,901	201	100	0.20	0.05
6	Island	217	117	100	51	62	0.43	0.62
7	Snohomish	7,306	2,423	4,883	458	353	0.19	0.07
8	Cedar-Sammamish	1,530	765	765	113	81	0.15	0.11
9	Duwamish-Green	1,848	580	1,268	88	47	0.15	0.04
10	Puyallup-White	3,168	1,057	2,111	102	46	0.10	0.02
11	Nisqually	2,899	902	1,997	246	136	0.27	0.07
12	Chambers-Clover	91	71	20	9	2	0.12	0.11
13	Deschutes	876	312	565	114	50	0.37	0.09
14	Kennedy-Goldsborough	768	485	284	161	81	0.33	0.28
15	Kitsap	1,644	918	726	422	352	0.46	0.49
16	Skokomish-Dosewallips	1,817	688	1,129	46	49	0.07	0.04
17	Quilcene-Snow	1,225	431	794	122	182	0.28	0.23
18	Elwha-Dungeness	1,672	661	1,012	111	72	0.17	0.07
19	Lyre-Hoko	1,887	683	1,204	61	36	0.09	0.03
20	Soleduc	6,080	2,389	3,691	101	46	0.04	0.01
21	Queets-Quinalt	4,998	2,272	2,727	131	70	0.06	0.03
22	Lower Chehalis	6,968	3,072	3,896	386	271	0.13	0.07
23	Upper Chehalis	7,966	2,388	5,579	662	778	0.28	0.14
24	Willapa	7,620	2,328	5,292	274	334	0.12	0.06
25	Grays/Elochoman	3,462	1,042	2,420	175	250	0.17	0.10
26	Cowlitz	12,010	3,214	8,797	578	568	0.18	0.06
27	Lewis	6,484	1,798	4,686	319	449	0.18	0.10

# Stream Reach Harvest Potential of SFLO Template

## What are landscape level stream reach distances of concern?

1. **18% of the Fish stream reaches are owned by SFLO's.** There are about 57,976 statewide miles of fish streams, of which only 10,536 are owned by SFLO's.
2. **0.36% of the fish stream reaches would/could be subject to adjacent harvest in an average year.** Assuming 50 year adjacent upland harvest rotations (probably conservative for smalls), then  $(18\%/50 \text{ years} = 0.36\%)$ .
3. **Worst case WRIA scenario still seems de minimis from a landscape point of view.** Using the stream reach data from the WRIA with the highest % of SFLO ownership (#2 San Juan WRIA - 57% SFLO fish stream reach ownership) and the same assumption above provides a worst case WRIA scenario. In reality, this particular WRIA is mostly TYPE S likely precluded from full template utilization – a more appropriate worst case WRIA would be Kitsap (at 46% SFLO stream ownership) but we've stayed with San Juan to **ensure a credible worst case WRIA scenario:**
  - **57% of the fish stream reach is owned by SFLO's** (134 miles of fish stream/76 miles of SFLO fish stream)
  - **1.14% of the fish stream reach would/could be subject to adjacent harvest in an average year.** (57%/50 year rotations)

**These landscape level potential RMZ risk factors don't appear to be cumulative beyond 10-20 years of green up.**