

Baseline Fire 1950 - 2009

Unvetted preliminary rush draft from developmental code

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1 Baseline Fire Tables

The third table down combining the first two relates to table 3.1 in the original document. This uses strictly ALFRESCO output.

1.1 Fire frequency

	Arctic	North Pacific	Northwest Interior Forest North	Northwest Interior Forest South	Western Alaska	Alaska
Number of wildfires per year						
Mean	0.9	0.1	43.4	9.5	8.1	59.6
Standard deviation	0.4	0.3	5.2	2.0	1.6	7.4
Minimum	0.0	0.0	30.3	6.0	5.0	42.3
Median	1.0	0.0	43.2	9.0	8.0	59.3
95th quantile	1.0	1.0	53.1	13.0	11.0	73.1
Maximum	2.0	1.0	56.7	14.3	12.0	78.0

1.2 Burn area

	Arctic	North Pacific	Northwest Interior Forest North	Northwest Interior Forest South	Western Alaska	Alaska
Area burned per year {km ² }						
Mean	86.0	3.6	2767.5	327.8	740.6	3726.5
Standard deviation	217.2	2.5	3078.5	442.6	1157.9	4308.8
Minimum	1.0	0.3	338.0	33.0	22.0	425.0
Median	9.7	3.0	1611.3	172.8	244.5	1962.0
95th quantile	641.0	7.4	10886.1	1331.7	2568.1	13806.6
Maximum	1217.0	12.3	13773.7	2058.0	6342.0	18333.0

1.3 Burn area and fire frequency

	Arctic	North Pacific	Northwest Interior Forest North	Northwest Interior Forest South	Western Alaska	Alaska
Number of wildfires per year						
Mean	0.9	0.1	43.4	9.5	8.1	59.6
Standard deviation	0.4	0.3	5.2	2.0	1.6	7.4
Minimum	0.0	0.0	30.3	6.0	5.0	42.3
Median	1.0	0.0	43.2	9.0	8.0	59.3
95th quantile	1.0	1.0	53.1	13.0	11.0	73.1
Maximum	2.0	1.0	56.7	14.3	12.0	78.0
Area burned per year {km ² }						
Mean	86.0	3.6	2767.5	327.8	740.6	3726.5
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Maximum	1217.0	12.3	13773.7	2058.0	6342.0	18333.0

2 Baseline Fire Graphs

The below graph relates to figure 3.2 in the original document. This uses strictly ALFRESCO output.

2.1 Alaska

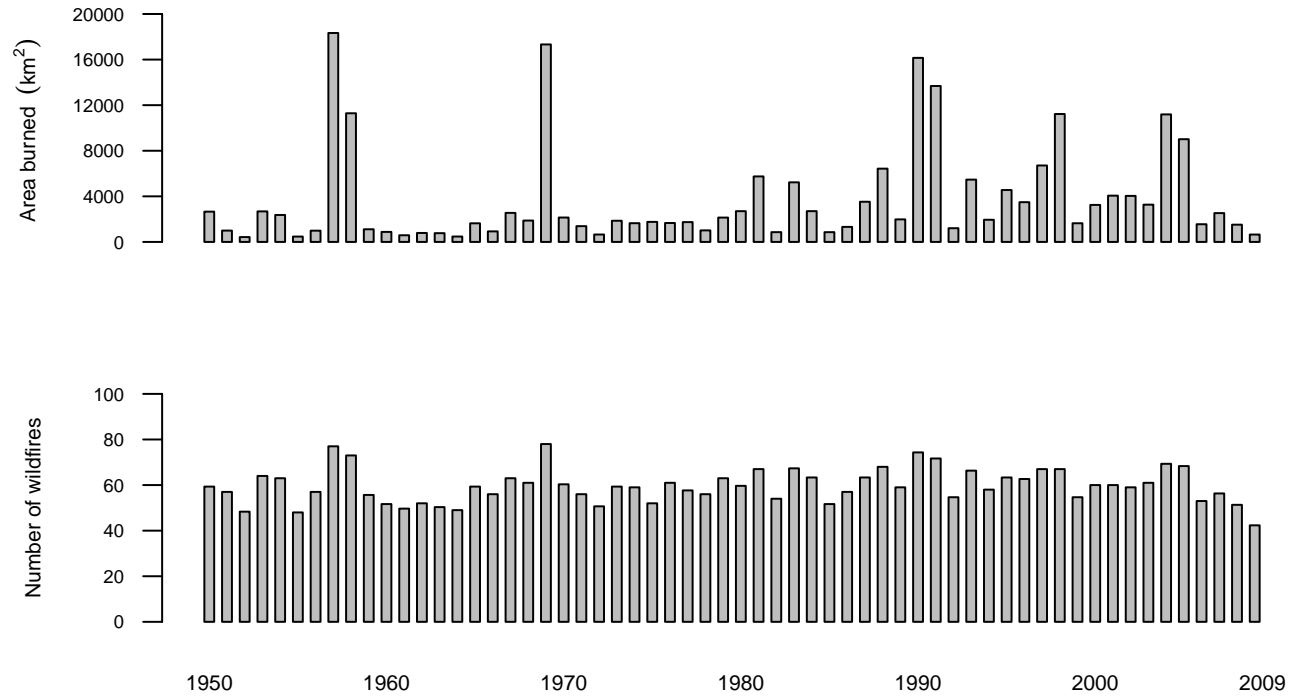


Figure 1: Alaska

2.2 LCC Regions

All five following separate LCC graphs relate to figure 3.3 in the original document. This uses strictly ALFRESCO output.

2.2.1 Arctic

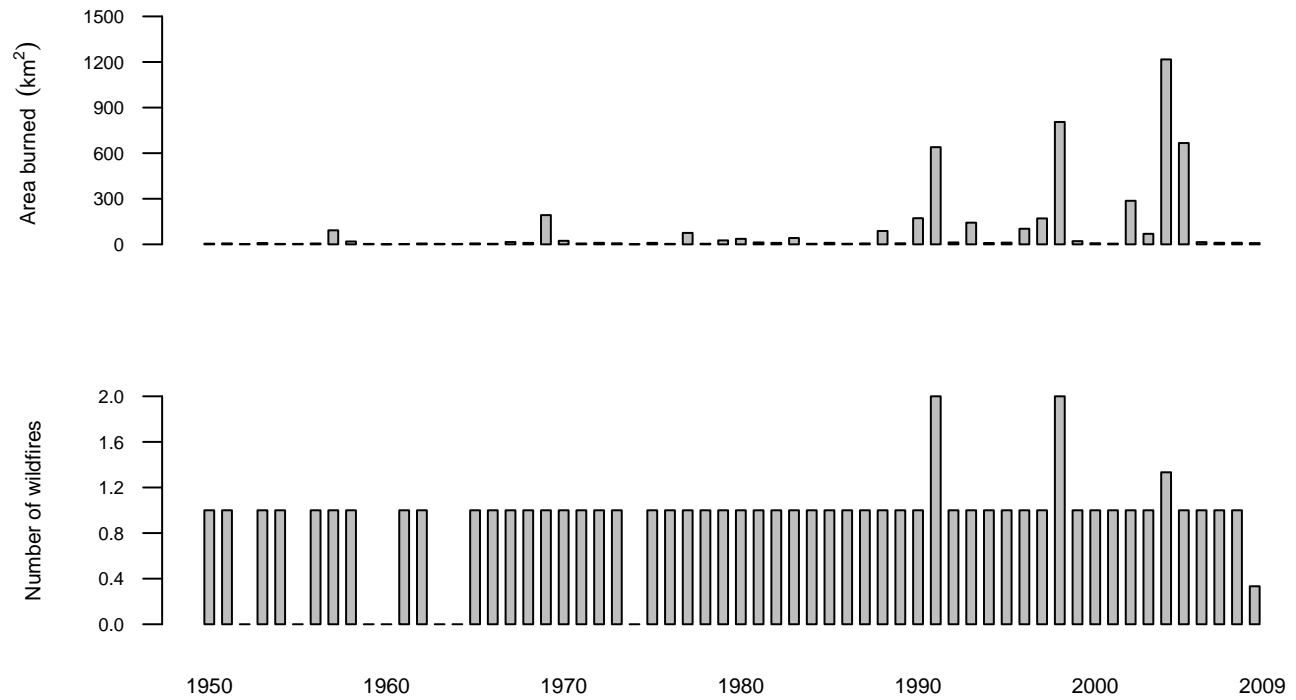


Figure 2: Arctic

2.2.2 North Pacific

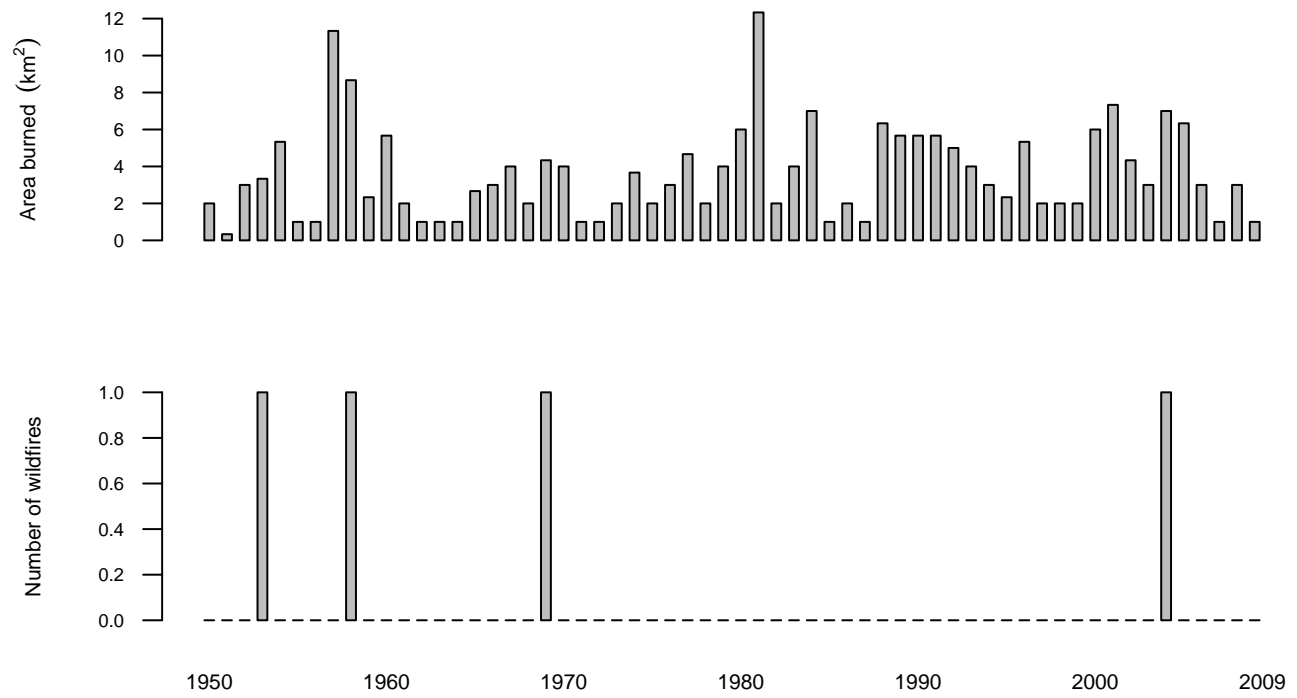


Figure 3: North Pacific

2.2.3 Northwest Interior Forest North

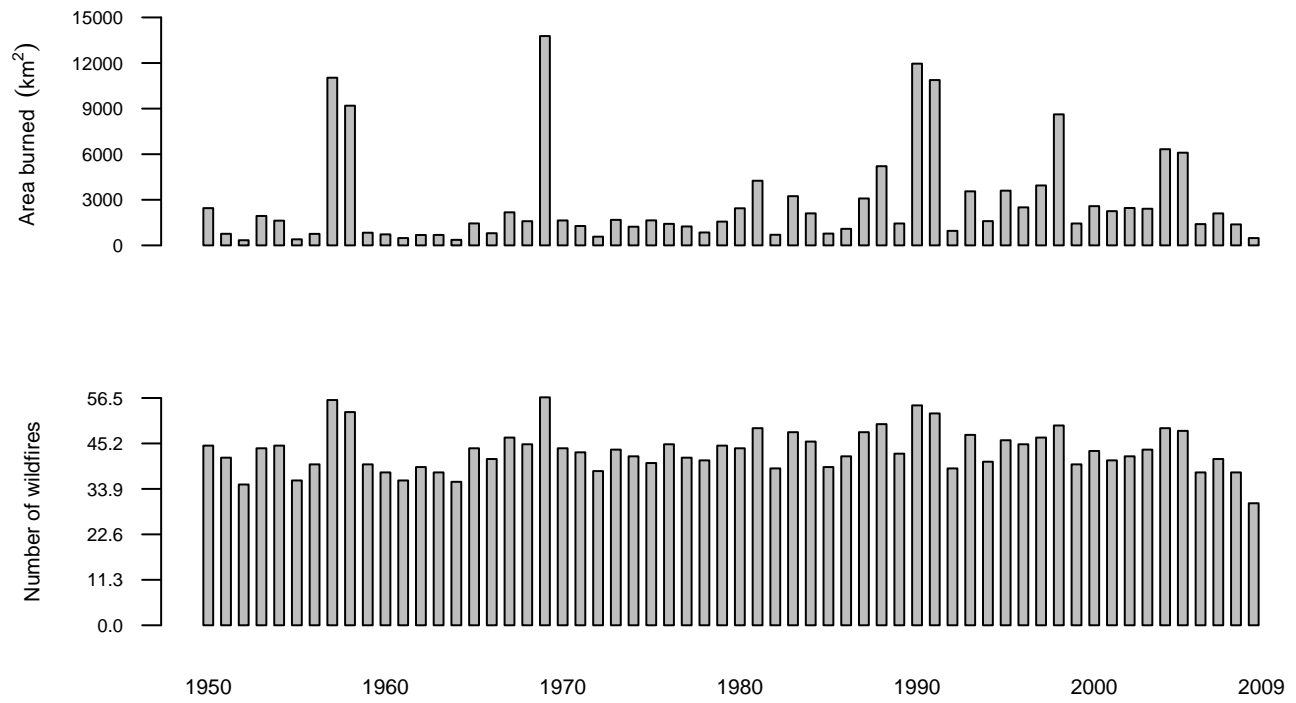


Figure 4: Northwest Interior Forest North

2.2.4 Northwest Interior Forest South

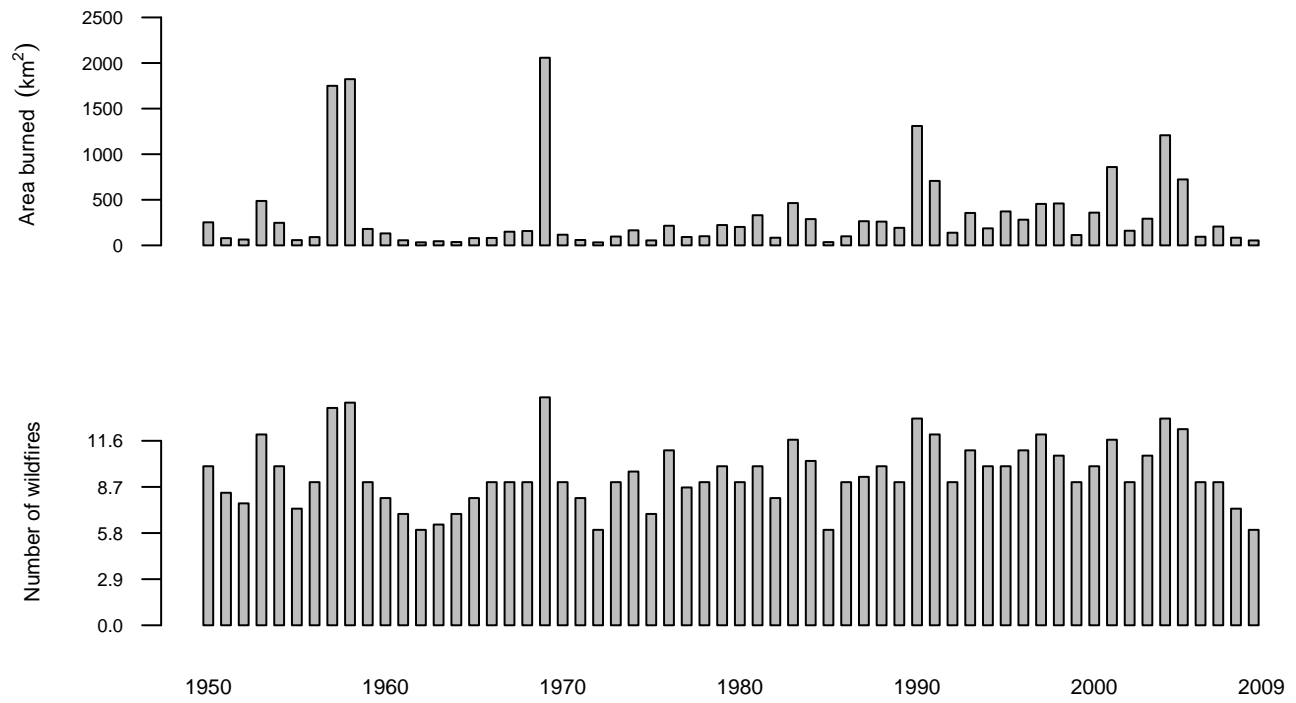


Figure 5: Northwest Interior Forest South

2.2.5 Western Alaska

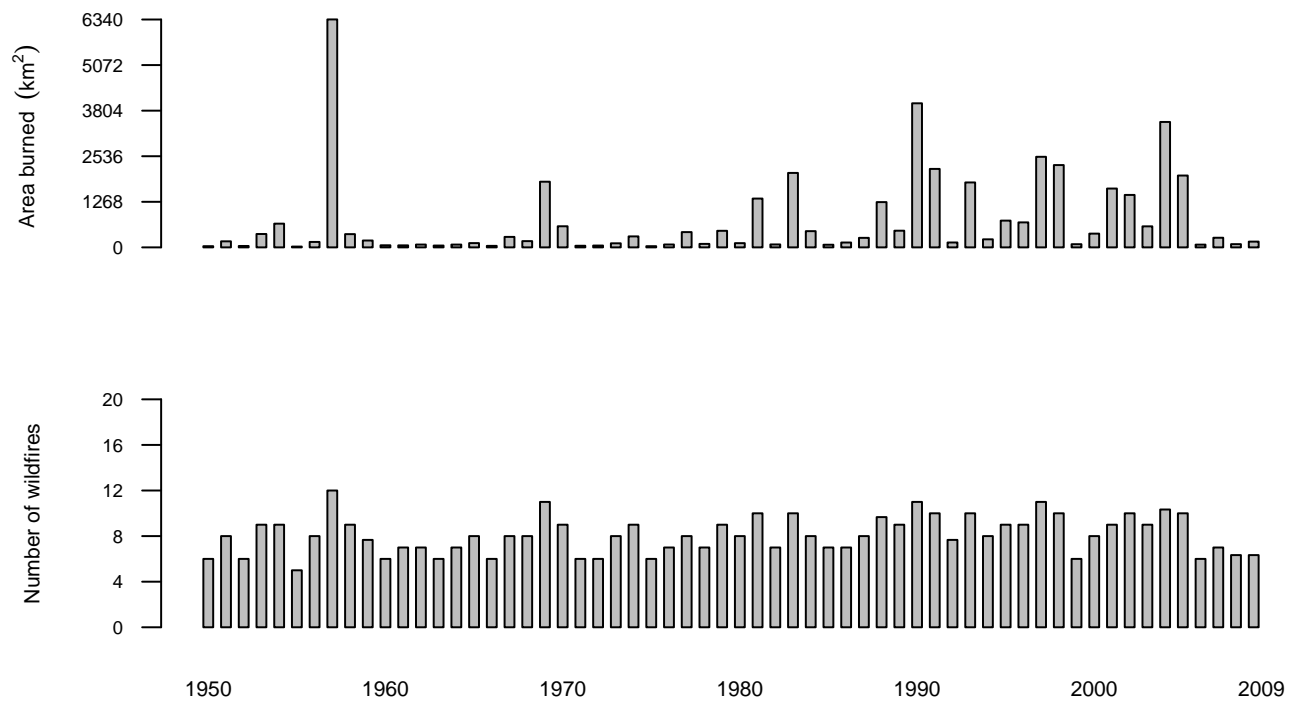


Figure 6: Western Alaska