

Copper Salmon Wilderness Air Quality Report

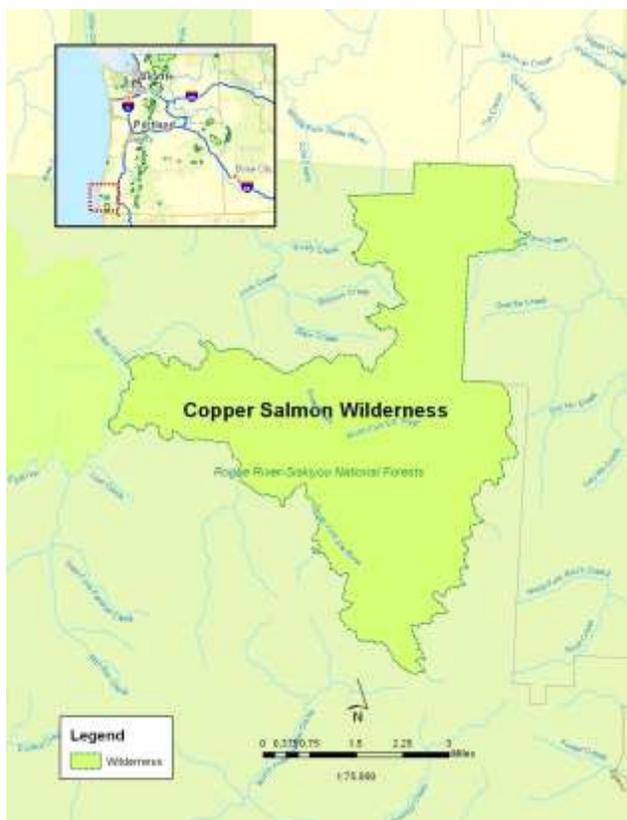
National Forest: Siskiyou National Forest

State: OR

Counties: Coos, Curry

General Location: South West Oregon

Acres: 13,757



Copper Salmon Wilderness Air Quality Report

Wilderness ID: 455

Wilderness Name: Copper Salmon Wilderness

Wilderness Categories	Information Specific to this Wilderness
Year Established	2009
Establishment Notes	Omnibus Public Land Management Act of 2009
Designation	Clean Air Act Class 2
Administrative	Powers Ranger District, Rogue River-Siskiyou National Forest
Unique Landscape Features	Not Reported
Lakebed Geology Sensitivity	N/A
Lakebed Geology Composition	Not Reported
Visitor Use	Not Reported
Mean Annual Precipitation	Not Reported
Elevation Range	181 - 1087 (meters)
Mean Max Aug Temp	Not Reported
Mean Min Dec Temp	Not Reported
Lake Acres	Not Reported
Pond Acres	1
Lake Count	Not Reported
Pond Count	1
TES Flora	Arcangeliella camphorata, Cudonia monticola, Neournula pouchetii
TES Wildlife	Bald Eagle, Marbled Murrelet
TES Fish	Not Reported
Ozone Sensitive Plants	Not Reported
Air Quality Sensitive Lichens	Not Reported
Cultural Resources	Not Reported
Status/Trends: Acid Deposition:	Not Reported
Status/Trends: Nutrient Enrichment:	Not Reported
Status/Trends: Ozone Impacts:	Not Reported

AQRV's

Fauna

Fauna Priority: Low

Fauna Receptor: Fish

Fauna Indicator: Concentration of methyl mercury

Fauna Trends: Not Reported

Fauna Actions:

None.

Flora

Flora Priority: High

Flora Receptor: Lichens

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Flora Indicator: Changes in community composition

Flora Trends: Not Reported

Flora Priority 2: High

Flora Receptor 2: Lichens

Flora Indicator 2: Concentrations of N, S, P, Cd, Cr, Pb, Hg, Ni, Ti, V and Zn

Flora Trends 2: Not Reported

Flora Priority 3: Low

Flora Receptor 3: Ozone

Flora Indicator 3: Visible injury on ozone-sensitive plants

Flora Trends 3: Not Reported

Flora Actions:

Examine lichen data for relatively high levels of heavy metals, which may impact Marbled Murrelet. Repeat visits to lichen plots to establish trends at 10 year intervals.

Visibility

Visibility Priority: Low

Visibility Receptor: Scenic Views

Visibility Indicator: Regional haze

Visibility Trends: Not Reported

Visibility Actions

The IMPROVE monitor at the Kalmiopsis Wilderness is most representative of this site .

Water

Water Priority: Low

Water Receptor: Water Chemistry

Water Indicator: ANC

Water Trends: Not Reported

Water Priority 2: Low

Water Receptor 2: Water Chemistry

Water Indicator 2: DIN: TP

Water Trends 2: Not Reported

Water Priority 3: Low

Water Receptor 3: Diatoms

Water Indicator 3: Community Composition

Water Trends 3: Not Reported

Water Actions:

None.

Challenge Points

Fauna Challenge Points: Not Reported

Flora Challenge Points: 6

Total Plots: 2

Desired Plots: 1

Additional Plots Needed: -1

Data Type: Baseline

Round 1 Visits: 0

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Round 2 Visits: 2

Baseline %: 291

Trends %: 0

Visibility Challenge Points: Not Reported

Water Challenge Points: Not Reported