

Menagerie Wilderness Air Quality Report

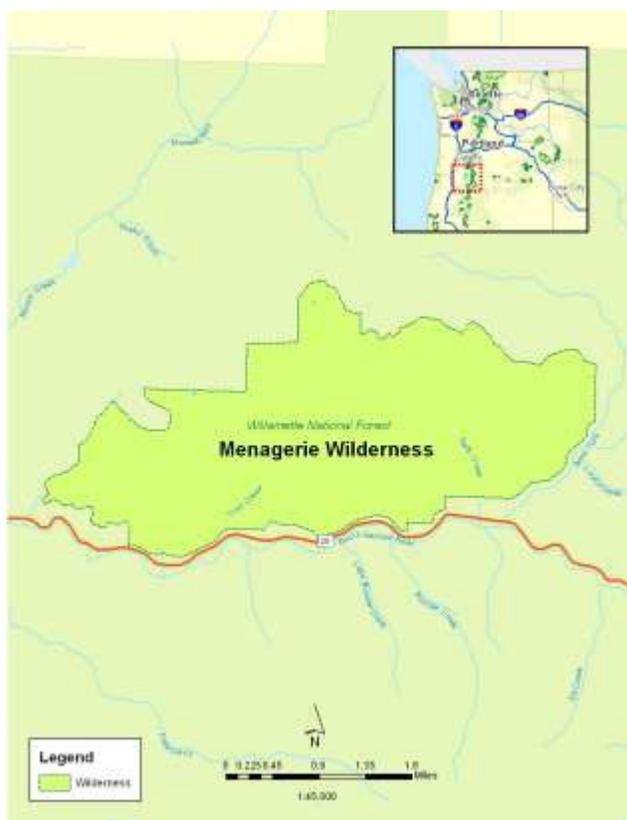
National Forest: Willamette National Forest

State: OR

Counties: Linn

General Location: Central Oregon Cascade Range

Acres: 5,084



Menagerie Wilderness Air Quality Report

Wilderness ID: 215

Wilderness Name: Menagerie Wilderness

Wilderness Categories	Information Specific to this Wilderness
Year Established	1984
Establishment Notes	Oregon Wilderness Act of 1984
Designation	Clean Air Act Class 2
Administrative	Willamette National Forest
Unique Landscape Features	Technical rock climbers travel substantial distances to test their skills on the series of weird rock pinnacles that dominates Menagerie Wilderness. Each is named after a different animal-- Roosters Tail, Chicken Rock, Hen Rock, Turkey Monster, and North and South Rabbit Ears are a few examples. Most popular is Rooster Rock, which you can ascend with 5.4 climbing skills (the routes on these stony towers rate to at least 5.9). This area is used year-round by day-trippers. Elevations range from 1,600 feet to 3,900 feet, with a thick forest of Douglas fir, western hemlock, and western red cedar. Not far north lies Middle Santiam Wilderness. Two main routes-- the Rooster Rock Trail (2.1 miles) and the Trout Creek Trail (3.3 miles) -- lead eventually to Rooster Rock. To see the rest of the "menagerie," you'll have to hike cross- country over rugged terrain.
Lakebed Geology Sensitivity	High
Lakebed Geology Composition	gneiss quartzite schist granite (8%), andesite dacite diorite phyllite (92%), GC 1+2 (100%), GC 1+2+3 (100%)
Visitor Use	Not reported in the database.
Mean Annual Precipitation	Not reported in the database.
Elevation Range	394 - 1234 (meters)
Mean Max Aug Temp	Not reported in the database.
Mean Min Dec Temp	Not reported in the database.
Lake Acres	Not reported in the database.
Pond Acres	1
Lake Count	Not reported in the database.
Pond Count	2
TES Flora	Allotropa virgata, Leptogium rivale, Lobaria pulmonaria, Nephroma occultum, Pseudocyphellaria anomala, Pseudocyphellaria rainierensis, Ramalina thrausta, Ramaria araiospora, Usnea longissima
TES Wildlife	Northern Spotted Owl
TES Fish	Not reported in the database.
Ozone Sensitive Plants	Not reported in the database.
Air Quality Sensitive Lichens	Not reported in the database.
Cultural Resources	Not reported in the database.
Status/Trends: Acid Deposition:	Not reported in the database.
Status/Trends: Nutrient Enrichment:	Not reported in the database.
Status/Trends: Ozone Impacts:	Not reported in the database.

AQRV's

Thursday, May 17, 2012

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Wilderness Name: Menagerie Wilderness

Fauna

Fauna Priority: Low
Fauna Receptor: Fish
Fauna Indicator: Concentration of methyl mercury
Fauna Trends: Not reported in the database.

Fauna Actions:

None.

Flora

Flora Priority: High
Flora Receptor: Lichens
Flora Indicator: Changes in community composition
Flora Trends: Not reported in the database.
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 in the database.
Flora Priority 3: Medium
Flora Receptor 3: Ozone
Flora Indicator 3: Visible injury on ozone-sensitive plants
Flora Trends 3: Not reported in the database.

Flora Actions:

Repeat visit to lichen monitoring site once every ten years. Consider surveying sensitive vegetation for ozone injury while at the lichen plot.

Visibility

Visibility Priority: Medium
Visibility Receptor: Scenic Views
Visibility Indicator: Regional haze
Visibility Trends: Not reported in the database.

Visibility Actions

Nearest IMPROVE visibility monitor is the located near the Three Sisters Wilderness (THS1).

Water

Water Priority: Low
Water Receptor: Water Chemistry
Water Indicator: ANC
Water Trends: Not reported in the database.
Water Priority 2: Low
Water Receptor 2: Water Chemistry
Water Indicator 2: DIN: TP
Water Trends 2: Not reported in the database.
Water Priority 3: Low
Water Receptor 3: Diatoms
Water Indicator 3: Community Composition
Water Trends 3: Not reported in the database.

Water Actions:

Thursday, May 17, 2012

None.

Challenge Points

Fauna Challenge Points: 0

Flora Challenge Points: 6

Total Plots: 1

Desired Plots: 1

Additional Plots Needed: 0

Data Type: Baseline

Round 1 Visits: 0

Round 2 Visits: 1

Baseline %: 100

Trends %: 0

Visibility Challenge Points: 0

Water Challenge Points: 0