

Oregon Smoke Management Plan

- Smoke Management Plan
- Daily Operations
- Reporting Requirements



Oregon Smoke Management Plan

Smoke Management Plan

- Part the of State Implementation Plan (SIP) – required by Federal Clean Air Act
- Applicable statutes – ORS 477.013, .515, .520, .552 - .562
- Administrative rule – OAR 629-048
- Agency directive – 1-4-1-601
- Applicable to essentially all designated forestland in Oregon – requirements differ by area/owner



Oregon Smoke Management Plan

Smoke Management Plan

Program objectives:

- Provide maximum opportunity for essential burning
- Keep smoke out of smoke sensitive receptor areas (SSRAs)
- Minimize smoke emissions
- Coordinate with other state smoke management programs
- Comply with state/federal air quality/visibility requirements
- Protect public health
- Encourage reduction of emissions and alternatives to burning



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Smoke Management Plan

Program highlights:

- Two levels of regulation based on location and owner
- Twenty three SSRAs
- Procedures to list future SSRAs
- Burn boss has specific requirements for smoke management
- Reporting required for all designated forestland burning
- Fees required for all “Level 1” burning



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Daily Operations

- Three prescribed burning forecasts issued daily for western, northeast, and south-central Oregon during spring and fall.
- Willamette Valley, Jefferson County, and Union County field burning forecasts issued daily during the summer.
- Willamette Valley burn day message issued daily throughout year.
- National Fire Danger Rating weather station quality control and internet products produced from May – October.
- Wildfire smoke forecasts and weather briefings issued as needed during fire season.



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Daily Operations – Daily Forecast/Instruction

- General discussion
- Detailed dispersion forecasts
- Outlook - General and dispersion (three days)

Prescribed burning instruction:

- Based on fire weather zones
- Specifies where and how much may be burned
- Designed to protect SSRAs from smoke impacts



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Daily Operations - Waivers

For units that do not fit within the instruction or with special concerns, contact ODF Smoke Management Meteorologist - 503-945-7401

Provide location (legal), acres, consumable tons, elevation and unique factors (river drainages, lighting techniques, etc.)



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Operations - Burn Boss Responsibilities

- Obtain the current smoke mgt forecast and instructions before ignition
- Make provisions to be informed if the forecast or instructions are changed
- Validate that forecast conditions are consistent with actual on-site conditions prior to ignition of burns
- Plan large or extended burns for capability to cease lighting and hold the existing burn within smaller compartments if needed
- Terminate ignition if an SSRA is adversely affected by the burn or by additional burning; or air in the entire state or portion thereof will be adversely affected by smoke

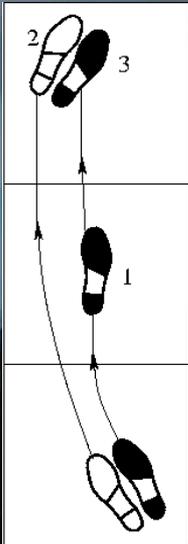


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Data Reporting

Three Step Process Overview:

- Registration of units that will be burned – 7 days in advance
- Planning the burn – day of burning.
(Not mandatory for Level 2 regulated lands)
- Reporting accomplishment – day following burn. (Weekly for Level 2)



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Data Reporting - Registration

- Unit is entered into the ODF smoke management data system:
 - FASTRAX (web) for federal units
 - Direct for state and private
- Required data dependent on type of burn.
- Level 1 land is charged \$0.50 per acre fee.

Units MUST be registered before they are burned



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Data Reporting - Results

- Specific accomplishment data includes: amount of material burned, ignition and weather information, and fuel moistures.
- Reporting deadline daily for Level 1 land, weekly for Level 2.
- Burn fee depends on type of burn and level of regulation (landing/maintenance \$.50/acre, maximum \$3.10/acre for other burning).



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www.oregon.gov/ODF/Fire/Pages/Burn.aspx

