

# SMOKE INTRUSION REPORT

Form 1-4-1-301

Intrusion #: \_\_\_\_\_ Intrusion Date(s): \_\_\_\_\_ Location(s): \_\_\_\_\_

## SECTIONS A-E TO BE COMPLETED BY SALEM FORECASTER:

**A. SMOKE ORIGIN:**

12-digit unit Number(s)	Fire Zone	District Forest	Location (TRS)	Owner Class	Elev (ft.)	Acres	Tons	Burn Date	Start Time	End Time

**B. INTRUSION SUMMARY:**

1. Area Affected \_\_\_\_\_
2. Intrusion Date \_\_\_\_\_ Start Time \_\_\_\_\_ End Time \_\_\_\_\_ Duration \_\_\_\_\_ hour(s)
3. Highest hourly PM<sub>2.5</sub> (µg/m<sup>3</sup>) \_\_\_\_\_ or lowest prevailing visibility during intrusion (mi) \_\_\_\_\_
4. 24-hr average PM<sub>2.5</sub> (µg/m<sup>3</sup>) (midnight to midnight) \_\_\_\_\_

**C. ODF SMOKE FORECAST:**

	Mixing Height	Surface Wind	Transport Wind
At Start of Ignition			
At End of Ignition			
Next 12 hours			

**D. ODF SMOKE INSTRUCTIONS:**

1. Written instructions (if applicable): \_\_\_\_\_
2. Verbal instructions (if applicable): \_\_\_\_\_

**E. SMOKE MANAGEMENT WEATHER OFFICE REPORT:**

1. Describe general weather conditions (including observed mixing heights and transport winds): \_\_\_\_\_
2. Comments: \_\_\_\_\_

## SECTION F TO BE COMPLETED BY FIELD PERSONNEL:

**F. FIELD REPORT:**

1. Describe general weather conditions observed during the burn period and for the next 6 hours (sky conditions, wind speed and direction, height of smoke plume, direction of smoke travel, etc. \_\_\_\_\_
2. Comments (*Note other sources of smoke that may have contributed to the intrusion*): \_\_\_\_\_
3. Public complaints: \_\_\_\_\_

\_\_\_\_\_  
District/Forest Representative/Date

\_\_\_\_\_  
Smoke Management Forecaster/Date