

STATE OF OREGON

DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE MEMO

*KJI.
from Cabinet
9/28/84*

TO: Victor Atiyeh

DATE: September 27, 1984

FROM: Fred Hansen

Fred Hansen

SUBJECT: Field Burning Report (for week of September 17 through
September 23, 1984)

FIELD BURNING ACTIVITIES:

None, except for a 30 acre demonstration burn on September 18, conducted for the benefit of the National Association of State Departments of Agriculture, which was touring the valley.

FIELD BURNING SMOKE PROBLEMS:

None.

SLASH BURNING SMOKE PROBLEMS:

On September 20, Eugene experienced light smoke (3 hours), and Springfield experienced moderate smoke (3 hours), as a result of slash burning in the coast range.

On September 21, Lebanon experienced light-to-moderate smoke (10 hours), Sweet Home experienced moderate smoke (15 hours), Eugene experienced light smoke (9 hours) and Springfield experienced light-to-moderate smoke (18 hours), all apparently the result of heavy slash burning along the foothills of the Cascades in Linn and Lane Counties.

GENERAL INFORMATION:

Additional field burning is still possible the next week or so, depending on daily meteorological factors and continuation of dry weather. Therefore, an end-of-the-season summary of burn statistics will be presented as part of next week's report.

With the very early arrival of cool fall weather, the field burning network of air monitors are providing a first-time glimpse of smoke pollution in many communities resulting from residential wood heating. Moderate and even heavy concentrations of smoke are occurring regularly in Salem, Corvallis, Lebanon, and Sweet Home. Sweet Home appears to be particularly susceptible to prolonged smoke periods, probably due to a combination of topography (which tends to trap pollutants beneath overnight inversions) and a high rate of woodstove use in that area.

AS596

cc: Tom Bispham *TB*
Gayla Reese
Sean O'Connell
Janet Gillaspie

FIELD BURNING SUMMARY - Week of 9/17 through 9/23, 1984

	9/17	9/18	9/19	9/20	9/21	9/22	9/23	Total/Week	1984 to Date	Last Year to Date
ACREAGE BURNED		30						30	229,030	201,204
AREAS BURNED		Benton Co.								
HOURS OF IMPACT*								0		
Portland								4 (0)**	10 (0)**	
Salem								6 (3)**	4 (0)**	
Corvallis								7 (5)**	7 (10)**	
Lebanon								32 (8)**	28 (11)**	
Sweet Home								66 (13)**	27 (13)**	
Eugene								2 (10)**	1 (7)**	
Springfield								11 (33)**	9 (11)**	
COMPLAINTS								0	1,007 (55)**	363 (55)**

* Based on hourly smoke concentration in the moderate to heavy range (roughly equivalent to a visual range of 13 miles or less).

** Numbers in parentheses () represent total cumulative hours of smoke impact and complaints attributed to slash burning.