



FAX

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1 PAGES + COVER

Faced
0530 PDT

0330 HR PDT
OCTOBER 21, 1991

TO: ALAMEDA COUNTY OFFICE OF EMERGENCY SERVICES
SAN LEANDRO

FROM: NATIONAL WEATHER SERVICE
REDWOOD CITY

SUBJECT: SPECIAL OAKLAND/PIEDMONT FIRE FORECAST

IMPORTANT NOTE...THE FOLLOWING FORECASTS ARE FOR THE OAKLAND/PIEDMONT FIRE AREA IN GENERAL...HOWEVER LARGE FIRES CREATE THEIR OWN LOCALIZED WEATHER AS HOT AIR RISES AND DRAWS IN AND WARMS THE AIR NEAR THE SURFACE.

THIS IS A PRELIMINARY FORECAST...A MORE DETAILED FORECAST WILL BE SENT AT APPROXIMATELY 0620 HR PDT.

THE DRY NORTHEAST WINDS ARE SUBSIDING BUT WILL CONTINUE TO BE IN THE 5 TO 10 MPH RANGE UNTIL MID-MORNING. AFTERNOON WINDS WILL BE WESTERLY FROM 10 TO 20 MPH. HUMIDITIES AT THIS TIME ARE BETWEEN 50 AND 60 PERCENT AND WILL RISE THROUGH THE MORNING. TEMPERATURES ARE CURRENTLY NEAR 60 DEGREES, AND WILL RISE INTO THE 70S EARLY AFTERNOON, THEN BEGIN COOLING.

JAN NULL
LEAD FORECASTER

0630 HRS PDT
OCTOBER 22, 1991

TO: ALAMEDA COUNTY OFFICE OF EMERGENCY SERVICES
SAN LEANDRO

FROM: NATIONAL WEATHER SERVICE
REDWOOD CITY

SUBJECT: SPECIAL OAKLAND/PIEDMONT FIRE WEATHER FORECAST

IMPORTANT NOTE...THE FOLLOWING FORECASTS ARE FOR THE OAKLAND/PIEDMONT FIRE AREA IN GENERAL...HOWEVER LARGE FIRES CREATE THEIR OWN LOCALIZED WEATHER AS THE SUPER-HEATED AIR RISES AND DRAWS IN AND WARMS THE AIR ALONG THE PERIMETER OF THE FIRE.

SYNOPSIS...COOL MARINE AIR IS PENETRATING INLAND ON A MODERATE SEABREEZE AHEAD OF A PACIFIC WEATHER SYSTEM THAT HAS DISSIPATED IN NORTHERN CALIFORNIA. WINDS WILL RANGE FROM SOUTH TO SOUTHWEST WITH GUSTY CONDITIONS THROUGHOUT THE DAY...PARTICULARLY OVER THE RIDGETOPS. WINDS WILL SHIFT GRADUALLY TO A MORE WESTERLY COMPONENT THIS AFTERNOON. LOW CLOUDS WILL PERSIST INTO THE EARLY AFTERNOON WITH COOL TEMPERATURES.

WESTERN FIRE BOUNDARY FORECASTS...

0600 HRS LOCAL:	TEMPERATURE	62
	HUMIDITY	80 %
	WINDS	SSW 15 TO 25 MPH
0900 HRS LOCAL:	TEMPERATURE	64
	HUMIDITY	75 %
	WINDS	SSW 15 TO 25 MPH
1200 HRS LOCAL:	TEMPERATURE	68
	HUMIDITY	65 %
	WINDS	SW 15 TO 25 MPH
1500 HRS LOCAL:	TEMPERATURE	65
	HUMIDITY	60 %
	WINDS	WEST 15 TO 30 MPH

RIDGETOP CONDITIONS WILL BE ABOUT THE SAME TEMPERATURES AND HUMIDITIES AS THE LOWER ELEVATIONS...WITH WINDS GUSTING BETWEEN 25 AND 35 MPH.

JAN NULL
LEAD FORECASTER
NNNN

10/21	<u>DIABLO</u>	<u>LEVIW</u>	<u>TAM</u>	<u>FANSTON</u>
Time (Z)				
0810	NNE10-12	NE6-9	NNE10-14	—
0930	57 67 SSE-SSW 6-9	SSEφ 67 SSE-WNW φ	NNE14 69 N-NNE 5-16	SE 2 59 SEφ-5
1040	SSEφ 63 SSE-N φ-3	WSW3 67 SW-WSW 1-4	NNE18 69 N-NE 9-18	SE φ 58 SE 0-3
1140	Wφ 63 S-N φ-6	Nφ 69 WNW-NNE φ-2	N14 68 N-NNE 12-18	SE 3 57 SE 0-5
1240	NNE6 63 NW-NE φ-8	W3 65 W-1-3	NE10 68 NNE-NE 6-12	SE 10 57 SE 6-14
1335	NE4 64 NNE-NE 0-7	WSW1 64 SSW-WSW 1-3	NNE 8 67 NNE- 6-10	SE12 56 SE 9-17
1640		C 84		WSW 15 56
00Z 220	W21 70° WSW-W 17-22 AVG WSW 20	WSW 9 74° SSW-W 8-13 AVG SW 10	SW 15 67° SSW-WSW 7-18 AVG SW 14	57° NW WSW 13 AVG SW 14