

Application No.: A.25-06-017
Exhibit No.: LIB-31



(U 933-E)

Mountain View Fire Cost Recovery Application

Exhibit LIB-31

May 27, 2014 Area Forecast Discussion

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AREA FORECAST DISCUSSION...UPDATED
NATIONAL WEATHER SERVICE RENO NV
1132 AM PDT TUE MAY 27 2014

.UPDATE...

AFTER COORDINATION WITH FIRE AGENCIES, WE DECIDED TO ISSUE A RED FLAG WARNING FOR MONO-ALPINE COUNTIES IN EASTERN CA, AND IN WESTERN NV FROM THE SIERRA FRONT EASTWARD ACROSS MINERAL COUNTY AND THE WEST CENTRAL BASIN AND RANGE. SOME POCKETS OF DRIER FUEL MOISTURES WERE REPORTED IN THE WARNING AREAS, WHILE HUMIDITY IS ALREADY BELOW 15 PERCENT IN MANY LOCATIONS. FREQUENT WIND GUSTS OF 35-40 MPH ARE EXPECTED IN THE WARNING AREAS THIS AFTERNOON. MJD

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.PREVIOUS DISCUSSION... /ISSUED 233 AM PDT TUE MAY 27 2014/

SYNOPSIS...

A WEAK LOW PRESSURE SYSTEM CENTERED ACROSS THE PACIFIC NORTHWEST WILL BRING GUSTY WINDS, GRADUALLY COOLING TEMPERATURES, AND DRY CONDITIONS THROUGH WEDNESDAY. ANOTHER SYSTEM MAY BRING INCREASED CHANCES FOR PRECIPITATION BY NEXT WEEKEND.

SHORT TERM...

A TROUGH APPROACHING THE PACIFIC NORTHWEST WILL RESULT IN BREEZY WINDS FOR THROUGH MIDWEEK. TIGHTENING SURFACE PRESSURE AND THERMAL GRADIENTS IN ADVANCE OF THE TROUGH WILL ALLOW GUSTY WINDS TO RETURN THIS AFTERNOON AND EVENING ACROSS THE SIERRA AND WESTERN NEVADA WITH GUSTS UP TO 40 MPH POSSIBLE. LAKE WIND ADVISORIES ARE IN EFFECT FOR ALL AREA LAKES IN THE SIERRA AND WESTERN NEVADA THROUGH THIS EVENING. GUSTY WINDS WILL CREATE CHOPPY WATERS WITH HAZARDOUS BOATING CONDITIONS LIKELY, SO BOATERS ARE ENCOURAGED TO USE CAUTION ON ALL AREA LAKES DURING THE AFTERNOON. GUSTY WINDS MAY ALSO PRODUCE ISOLATED AREAS OF BLOWING DUST DOWNWIND OF DRY LAKE BEDS. BLOWING DUST COULD RESULT IN LIMITED VISIBILITY IN A SHORT TIME, SO DRIVERS ARE ENCOURAGED TO TAKE CAUTION AND STAY AWARE OF CHANGING CONDITIONS.

FOR WEDNESDAY, A WEAK SHORTWAVE ROUNDS THE BASE OF THE TROUGH MOVING ACROSS THE PACIFIC NORTHWEST. A WEAK COLD FRONT BRUSHING ACROSS NORTHERN CALIFORNIA AND NORTHWEST NEVADA WILL PRODUCE A TIGHT SURFACE PRESSURE GRADIENT BRINGING ANOTHER ROUND OF GUSTY WINDS TO THE REGION. ISOLATED AREAS OF BLOWING DUST ARE ALSO POSSIBLE ON WEDNESDAY AFTERNOON AND EVENING. THE WEAK COLD FRONTAL PASSAGE WILL ALSO COOL TEMPERATURES DOWN 5 TO 10 DEGREES ACROSS THE SIERRA AND WESTERN NEVADA.

AFTER THE COLD FRONTAL PASSAGE ON WEDNESDAY, WINDS WILL GRADUALLY SHIFT FROM NORTH TO EAST BY THURSDAY. THE LIGHT EAST FLOW WILL LIMIT ANY SIGNIFICANT WARMING ACROSS THE SIERRA AND WESTERN NEVADA, WITH ONLY A COUPLE DEGREES OF WARMING FROM WEDNESDAY TO THURSDAY HIGH TEMPERATURES. WEISHAHN

LONG TERM...FRIDAY THROUGH TUESDAY...

NO BIG CHANGES IN THE MODELS, WITH A TROUGH TO REMAIN ALONG THE WEST COAST INTO EARLY NEXT WEEK. THERE ARE A FEW SUBTLE DIFFERENCES IN THE LOCATION OF A CUT OFF LOW FORECAST TO DEVELOP NEAR THE CALIFORNIA COAST ON FRIDAY.

FRIDAY WILL BE DRY WITH THE TYPICAL AFTERNOON WINDS OFF THE SIERRA GUSTING TO 25-30 MPH. AFTERNOON HIGHS WILL BE IN THE UPPER 70S TO LOW 80S FOR THE WESTERN NEVADA VALLEYS WITH MID 60S TO MID 70S FOR THE SIERRA.

FOR SATURDAY AND SUNDAY THE MAIN CONCERN SHIFTS TO THE POTENTIAL FOR SHOWERS AND STRONG THUNDERSTORMS IF THE LOW DEVELOPS SOUTH OF 40N LATITUDE. LATEST MODELS ARE A BIT FARTHER NORTH THAN YESTERDAY, WITH CONVECTION DEVELOPING NORTH OF HIGHWAY 50 ON SATURDAY AND AS FAR SOUTH AS BRIDGEPORT-YERINGTON ON SUNDAY. DEPENDING ON HOW FAR SOUTH THE LOW DEVELOPS GUSTY WINDS AND DRY CONDITIONS MAY PERSIST OVER PORTIONS OF MONO AND MINERAL COUNTIES THIS WEEKEND. THE TROUGH SHOULD KICK WELL INLAND FOR MONDAY ENDING THE THREAT FOR SHOWERS AND THUNDERSTORMS. BRONG

AVIATION...

LOW PRESSURE OVER THE PACIFIC NORTHWEST WILL PRODUCE GUSTY SURFACE WINDS OF 30-40 KTS WITH THE USUAL TURBULENT APPROACHES DOWNWIND OF THE SIERRA. FOR WEDNESDAY WINDS MAY LIGHTEN A BIT, BUT WITH A LOW MOVING THROUGH OREGON PEAK SURFACE GUSTS NEAR 35KTS ARE LIKELY. BRONG

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.REV WATCHES/WARNINGS/ADVISORIES...

NV...LAKE WIND ADVISORY UNTIL 11 PM PDT THIS EVENING NVZ002-004.

RED FLAG WARNING UNTIL 9 PM PDT THIS EVENING NVZ450-453-459.

LAKE WIND ADVISORY UNTIL 11 PM PDT THIS EVENING NVZ001.

CA...LAKE WIND ADVISORY UNTIL 11 PM PDT THIS EVENING CAZ071>073.

RED FLAG WARNING UNTIL 9 PM PDT THIS EVENING CAZ273.

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FOR MORE INFORMATION FROM THE NATIONAL WEATHER SERVICE VISIT...
[HTTP://WEATHER.GOV/RENO](http://weather.gov/reno) (ALL LOWER CASE)