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Area Forecast Discussion

Issued by NWS Las Vegas, NV

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Versions: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) [19](#) [20](#) [21](#) [22](#) [23](#) [24](#) [25](#) [26](#) [27](#) [28](#) [29](#) [30](#) [31](#)

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FXUS65 KVEF 281350 AAA
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AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV
650 AM PDT MON OCT 28 2013

.SYNOPSIS...A STRONG PACIFIC STORM MOVING OVER THE AREA WILL BRING STRONG AND GUSTY WINDS...ESPECIALLY TODAY...ALONG WITH MUCH COOLER TEMPERATURES AND A CHANCE OF SHOWERS THROUGH TUESDAY. A DRYING AND WARMING IS TREND IS EXPECTED TO BEGIN WEDNESDAY AND LAST INTO THE WEEKEND.

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.UPDATE...WINDS WERE INCREASING ACROSS THE WESTERN MOJAVE DESERT OF SAN BERNARDINO COUNTY AND UP THROUGH SOUTHERN NEVADA AND NORTHERN MOHAVE COUNTY IN ARIZONA. THE WIND GRIDS WERE ADJUSTED TO BRING IN LINE WITH THE LATEST OBSERVATIONS AND THE WIND ADVISORY WHICH WAS PLANNED TO BEGIN AT 9 AM WAS PLACED INTO EFFECT NOW.

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.PREV DISCUSSION...
305 AM PDT MON OCT 28 2013

.SHORT TERM...TODAY THROUGH TUESDAY NIGHT...UPPER LOW CONTINUES TO DIG SOUTH AND IS CURRENTLY OVER WESTERN NEVADA. WINDS OUT OF AHEAD OF THE LOW HAVE INCREASED OVER THE ENTIRE [CWA](#) AND THERE HAVE BEEN SOME STRONG DOWNSLOPE WINDS IN THE SIERRA AND PORTIONS OF THE SPRING MOUNTAINS ALREADY. OAK [CREEK](#) AT AN ELEVATION OF 4900 FEET IN THE [LEE](#) OF THE SIERRA RECORDED A [WIND GUST](#) OF 98 MPH EARLIER THIS EVENING AND SOME SITES IN THE SPRING MOUNTAINS HAVE SEEN GUSTS OVER 70 MPH. THE POTENTIAL FOR STRONG DOWNSLOPE WINDS WILL CONTINUE THROUGH EARLY MORNING BEFORE ENDING AND THEN WE WILL JUST DEAL WITH A GENERAL VERY WINDY DAY ACROSS MUCH OF THE AREA. THE CURRENT HIGH WIND WARNINGS ARE IN PLACE AND NO CHANGES ARE NEEDED. SO FAR...MUCH OF THE [CWA](#) REMAINS UNDER CLEAR SKIES...BUT THE LATEST SATELLITE IMAGERY IS SHOWING CLOUDS STARTING TO MOVE INTO ESMERALDA COUNTY. THIS TREND WILL CONTINUE AS CLOUDS AND SHOWERS START SPREADING SOUTH INTO THE AREA. IT STILL LOOKS LIKE MAINLY THE NORTHERN HALF OF THE [CWA](#) WILL SEE THE THICKER CLOUD COVER AND GREATEST CHANCE OF SHOWERS. THE LOW IS CURRENTLY ABOUT AS FAR SOUTH AS ITS FORECAST TO GET BEFORE IT STARTS TURNING MORE EASTERLY. THERE WILL BE SEVERAL VORT LOBES ROTATING AROUND THE LOW OVER THE NEXT 24-36 HOURS AND HOW FAR SOUTH THE SHOWERS GET WILL BE DEPENDENT ON HOW FAR EACH LOBE WILL REACH. CURRENTLY IT LOOKS LIKE THE BEST CHANCE OF SEEING SHOWERS OVER THE SOUTHERN PORTIONS OF THE [CWA](#) WILL BE TUESDAY MORNING...BUT EVEN THESE ARE EXPECTED TO BE FAIRLY [SCATTERED](#) AND MAINLY AFFECT THE HIGHER ELEVATIONS. MUCH COOLER AIR WILL BE ADVECTING INTO THE AREA TODAY AND HIGH TEMPERATURES ARE FORECAST TO NOT RISE MUCH ABOVE CURRENT 3AM READINGS...OR ABOUT 15-20 DEGREES BELOW SUNDAYS HIGHS. WINDS ARE EXPECTED TO DIMINISH THIS EVENING AS SURFACE PRESSURE GRADIENTS WEAKEN AS THE MAIN LOW CENTER TRACKS A LITTLE FURTHER EAST. ALTHOUGH WINDS WILL BE LIGHTER TUESDAY WE WILL STILL SEE A CHANCE OF SHOWERS THROUGHOUT THE DAY ALONG WITH MUCH COOLER TEMPERATURES. TEMPERATURES ARE EXPECTED TO DROP AN ADDITIONAL 5-10 DEGREES AND ITS POSSIBLE PORTIONS OF THE LAS VEGAS VALLEY WILL NOT SEE HIGH TEMPERATURES OUT OF THE 50S.

.LONG TERM...WEDNESDAY THROUGH SUNDAY. THE [MEDIUM RANGE](#) MODELS ALL INDICATE TRANQUIL WEATHER RETURNING WEDNESDAY THROUGH SATURDAY. THE BACK SIDE OF THE SYSTEM IS FORECAST TO PULL AWAY FROM THE AREA WEDNESDAY AS THE AXIS TRACKS ACROSS THE ROCKIES. AN EASTERN PACIFIC [RIDGE](#) THEN MIGRATES SLOWLY INLAND THURSDAY AND MAINTAINS ITS INFLUENCE OVER THE INTERIOR WESTERN STATES FRIDAY AND SATURDAY. THIS WILL ALLOW TEMPERATURES TO SLOWLY CLIMB BACK TO [NORMAL](#) BY SATURDAY. THE [RIDGE](#) WILL THEN SHIFT EAST SUNDAY AS A BROAD [TROUGH](#) MOVES INTO THE WESTERN STATES FROM THE EASTERN PACIFIC FOR INCREASING WINDS AND SLIGHT COOLING SUNDAY.

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.AVIATION...FOR MCCARRAN...SOUTHWEST WIND 15-25 [KTS](#) WITH GUSTS TO 30-40 [KTS](#) EXPECTED MUCH OF TODAY. THERE WILL BE SOME OCCASIONAL GUSTS TO OVER 40 [KTS](#) AT TIMES TODAY ALONG WITH REDUCED VISIBILITIES DUE TO [BLOWING](#) DUST. DOWNSLOPE WINDS OVER THE SPRING MOUNTAINS WILL LEAD TO GUSTY AND ERRATIC WINDS AT TIMES THROUGH 16Z WITH THE POTENTIAL FOR SOME VALLEY LOCATIONS REACHING OVER 50 [KTS](#). MAINLY CLEAR SKIES THROUGH 16Z...BUT CLOUDS WILL INCREASE AFTERWARDS WITH [SCT-BKN AOA](#) 10K FEET AND SHOWERS OVER THE NEARBY MOUNTAINS. NEARBY MOUNTAINS MAY BE OBSCURED THIS AFTERNOON WHICH WILL CONTINUE INTO TUESDAY MORNING.

FOR THE REST OF SOUTHERN NEVADA...NORTHWEST ARIZONA...AND SOUTHEAST CALIFORNIA...GUSTY WINDS ARE EXPECTED AREA WIDE TODAY WITH LOCATIONS SEEING GUSTS BETWEEN 40-50 [KTS](#) THROUGHOUT TODAY. FAVORED AREAS FOR DOWNSLOPE WINDS SUCH AS THE OWENS VALLEY AND THE SPRING MOUNTAINS WILL SEE WINDS GUSTS OVER 60 [KTS](#) AT TIMES THROUGH 16Z. CLOUDS WILL INCREASE DURING THE MORNING HOURS OVER THE NORTHWEST AREAS WITH CIGS

DOWN TO 6-8K FEET AT TIMES ALONG WITH [SCATTERED](#) SHOWERS AND SNOW SHOWERS ABOVE 6000 FEET. [SCT-BKN](#) CLOUDS WILL SPREAD SOUTH DURING THE DAY WITH CIGS AT 8-10K FEET AT TIMES OVER THE SOUTH. SHOWERS ARE [LIKELY](#) TO REMAIN OVER THE HIGHER ELEVATIONS OF MOHAVE...CLARK...AND LINCOLN COUNTIES. [MTN](#) OBSCUREMENT [LIKELY](#) AT TIMES TODAY...ESPECIALLY NORTH. WINDS WILL DECREASE LATE TONIGHT...BUT CLOUDS/SHOWERS/[MTN](#) OBSCUREMENT EXPECTED TO CONTINUE INTO TUESDAY.
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.VEF WATCHES/WARNINGS/ADVISORIES...
NV...[HIGH WIND WARNING](#) UNTIL 8 PM PDT THIS EVENING FOR NVZ014-017-019-020.
WIND ADVISORY UNTIL 8 PM PDT THIS EVENING FOR NVZ015-016-018-021-022.
AZ...WIND ADVISORY UNTIL 8 PM MST THIS EVENING FOR AZZ001>003-036.
[CA](#)...[HIGH WIND WARNING](#) UNTIL 5 PM PDT THIS AFTERNOON FOR CAZ519-520.
WIND ADVISORY UNTIL 8 PM PDT THIS EVENING FOR CAZ521>527.
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GORELOW/ADAIR

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