

000  
FXUS65 KVEF 151629  
AFDVEF

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV  
ISSUED BY NATIONAL WEATHER SERVICE FLAGSTAFF AZ  
930 AM PDT WED JUN 15 2011

.SYNOPSIS...TEMPERATURES WILL BE WARM TODAY...WITH A COOLING TREND THROUGH THE WEEKEND AS A BROAD TROUGH SETTLES IN OVER THE AREA. SOUTHWEST WINDS WILL INCREASE THURSDAY AND IT WILL REMAIN BREEZY AT TIMES THROUGH THE WEEKEND. TEMPERATURES WILL WARM...WINDS DECREASE AS HIGH PRESSURE BUILDS BACK OVER THE WEST DURING THE MIDDLE OF NEXT WEEK.

&&

.UPDATE...CLEAR SKIES ACROSS THE FORECAST AREA THIS MORNING...WITH NO UPDATES PLANNED. CURRENT TEMPERATURES ARE RUNNING 3 TO 5 DEGREES ABOVE YESTERDAYS VALUES...ON TRACK TO THE FORECAST HIGHS. WE WILL CONTINUE THE FIRE WEATHER WATCH AND RED FLAG WARNING AS PER THE CURRENT FORECAST.

&&

.PREV DISCUSSION...  
322 AM PDT WED JUNE 15 2011

.SHORT TERM...TODAY THROUGH FRIDAY NIGHT...CLEAR SKIES ENCOMPASSING THE DESERT SOUTHWEST THIS MORNING WITH NEAREST CLOUDS TO LAS VEGAS OVER OREGON. THOSE CLOUDS ARE ASSOCIATED WITH A TROUGH OVER THE PACIFIC NORTHWEST. NAM BUFR SOUNDING FOR LAS VEGAS AND OTHER SELECTED CITIES INDICATES AN ADDITIONAL 1-3 DEGREES CELSIUS OF WARMING WITHIN THE MIXED LAYER TODAY. GFS MOS OUTPUT CONTINUES TO BE RUNNING ON THE COOL SIDE SO LEANED TOWARD A NAM/ECMWF BLEND. MODELS REMAIN IN GOOD AGREEMENT AND HAVE BEEN VERY CONSISTENT SHOWING HEIGHTS LOWERING THURSDAY AND FRIDAY AS TROUGH SAGS SOUTH...KNOCKING RIDGE BACK SOUTH. MAIN CONCERN WILL BE THE INCREASE IN WINDS SPEEDS THURSDAY AND FRIDAY. LOOKS WINDY ACROSS THE MOJAVE DESERT THURSDAY AND MAINLY OVER MOHAVE COUNTY FRIDAY. MAY NEED A LAKE WIND ADVISORY ON THURSDAY BUT DOES NOT LOOK LIKE A WIND ADVISORY WILL BE NEEDED BUT STAY TUNED AS THE LATEST 00Z/06Z MODEL OUTPUT IS STRONGER THAN WHAT WAS FORECAST 24 HOURS AGO. NOT OVERLY EXCITED ABOUT THUNDERSTORM DEVELOPMENT ACROSS THE EASTERN SIERRA AND NORTHERN MOUNTAINS TODAY...SLIGHTLY BETTER SHOT IN EAST CENTRAL NEVADA ON THURSDAY ALONG SURFACE BOUNDARY. LOOKING AT ABOUT A 7 TO 10 DEGREE DROP IN TEMPERATURES BETWEEN TODAY AND FRIDAY.

.LONG TERM...MODEL SHOW GOOD CONTINUITY IN THE EXTENDED...SO MINIMAL CHANGE WAS NEEDED OVERNIGHT TO INHERITED GRIDS. ON SATURDAY...A BROAD TROUGH WILL STILL BE IN PLACE ACROSS THE WESTERN STATES. A SHORTWAVE ROUNDING THE BASE OF THE TROUGH WILL BRING A SLIGHT CHANCE OF THUNDERSTORMS TO MAINLY LINCOLN COUNTY SATURDAY THROUGH SUNDAY MORNING. ELSEWHERE THE MAIN IMPACTS WILL BE CONTINUED BREEZY CONDITIONS AND TEMPERATURES SLIGHTLY BELOW NORMAL THROUGH THE WEEKEND. RIDGING WILL THEN BUILD IN ACROSS THE REGION THROUGH MID WEEK...AND RESULT IN AN INCREASING TREND IN TEMPERATURES AND DRY CONDITIONS...WITH TEMPERATURES ABOUT 5 DEGREES ABOVE NORMAL BY THE

MIDDLE OF NEXT WEEK.

&&

.AVIATION...FOR MCCARRAN...A [TROUGH](#) APPROACHING THE [PAC](#) NW COAST WILL RESULT IN SLIGHTLY STRONGER SOUTHWEST WINDS ALOFT TODAY...WHICH SHOULD MIX DOWN BY LATE THIS MORNING. WIND GUSTS IN THE MID TO HIGH TEENS WILL BE POSSIBLE DURING THE AFTERNOON. STRONGER SOUTHWESTERLY WINDS ARE EXPECTED ON THURSDAY.

FOR THE REST OF SOUTHERN NEVADA...NORTHWEST ARIZONA...AND SOUTHEAST CALIFORNIA...A [TROUGH](#) APPROACHING THE [PAC](#) NW COAST WILL RESULT IN INCREASED SOUTHWESTERLY SURFACE WINDS ACROSS THE DESERT SOUTHWEST TODAY...WITH WIND GUSTS AROUND 20KTS ON AVERAGE DURING THE AFTERNOON. OTHERWISE...NO SIGNIFICANT WEATHER IS EXPECTED TODAY.

&&

.FIRE WEATHER...THE FIRE WEATHER [WATCH](#) FOR ARIZONA FIRE ZONE 102 WILL BE UPGRADED TO A [RED FLAG WARNING](#) WITH THE ISSUANCE OF THE FIRE WEATHER PACKAGE LATER THIS MORNING. NEWEST GUIDANCE INDICATES STRONGER SOUTHWEST WINDS AND DRY CONDITIONS NOW EXTENDING FURTHER WEST INTO SOUTHEAST NEVADA. A FIRE WEATHER [WATCH](#) WILL BE ISSUED THURSDAY AFTERNOON THROUGH EARLY EVENING AS CRITICAL FIRE WEATHER CONDITIONS ARE POSSIBLE.

&&

.VEF WATCHES/WARNINGS/ADVISORIES...

NV...FIRE WEATHER [WATCH](#) FROM THURSDAY AFTERNOON THROUGH THURSDAY EVENING FOR NVZ461>466.

AZ...FIRE WEATHER [WATCH](#) FROM THURSDAY AFTERNOON THROUGH THURSDAY EVENING FOR AZZ101.

[RED FLAG WARNING](#) FROM 11 AM TO 8 PM MST THURSDAY FOR AZZ102.

[CA](#)...NONE.

&&

\$\$

PIERCE/KENNEDY/[WFO](#) FLAGSTAFF

[HTTP://WEATHER.GOV/LASVEGAS](http://weather.gov/lasvegas)