

FXUS65 KVEF 251646 AAA
AFDVEF

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV 946 AM PDT SAT MAY 25 2013

.SYNOPSIS...A DRY SOUTHWEST FLOW WILL PERSIST OVER THE REGION THROUGH MEMORIAL DAY. LOCALLY BREEZY TO WINDY CONDITIONS WILL DEVELOP EACH AFTERNOON WITH TEMPERATURES SLIGHTLY BELOW NORMAL. A LOW PRESSURE SYSTEM IS EXPECTED TO MOVE INTO NEVADA TUESDAY BRINGING A CHANCE OF SHOWERS AND THUNDERSTORMS AND MUCH COOLER TEMPERATURES TO THE REGION.

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.UPDATE...A BROAD TROUGH OVER THE WESTERN STATES WILL CONTINUE THROUGH THE HOLIDAY WEEKEND AND INTO EARLY NEXT WEEK. A SERIES OF DISTURBANCES WILL BRUSH ACROSS NORTHERN NEVADA TODAY AND AGAIN SUNDAY...BEFORE TROUGH DIGS INTO THE SOUTHERN GREAT BASIN ON TUESDAY. A DRY SOUTHWEST FLOW WILL PERSIST THROUGH MONDAY LEADING TO BREEZY TO LOCALLY WINDY CONDITIONS. BELIEVE A RED FLAG WARNING IS NOT JUSTIFIED ACROSS MOHAVE COUNTY TODAY BUT WILL MONITOR WINDS CLOSELY JUST IN CASE. CONDITIONS LOOKS VERY SIMILAR FOR SUNDAY SO AT THIS TIME DO NOT ANTICIPATE ANY NEW PRODUCTS BEING ISSUED.

DID ADJUST SKY AND WIND GRIDS SOME WITH THE MORNING UPDATE.

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.PREV DISCUSSION...
250 AM PDT SAT MAY 25 2013

.SHORT TERM...TODAY THROUGH MONDAY NIGHT...THE LOW PRESSURE SYSTEM WHICH HAS BEEN OVER THE PACIFIC NORTHWEST THE PAST SEVERAL DAYS WILL CONTINUE OVER THE REGION THROUGH SUNDAY BEFORE LIFTING TO THE NORTHEAST LATE SUNDAY. ANOTHER LOW IS THEN FORECAST TO DROP SOUTH ON MEMORIAL DAY AND MOVE INTO THE CWA LATE MONDAY NIGHT. THE SHORT RANGE MODELS ARE COMING MORE IN LINE WITH THIS SECOND SYSTEM...BUT THE ECMWF CONTINUES TO BE A LITTLE SLOWER AND DEEPER THAN THE GFS/NAM. THUS HAVE TRENDED TOWARDS A COMPROMISE FOR THE MONDAY NIGHT PERIOD. THE RESULT IS THAT CONTINUED DRY SOUTHWEST FLOW WILL REMAIN OVER THE REGION TODAY THROUGH MUCH OF MEMORIAL DAY...BEFORE INCREASING CLOUDS ARE SEEN MONDAY NIGHT CWA WIDE WITH A CHANCE OF SHOWERS OVER THE SOUTHERN SIERRA BY TUESDAY MORNING.

THE MAIN CONCERN DURING THE SHORT TERM WILL CONTINUE TO BE BREEZY TO WINDY SOUTHWEST WINDS DURING THE AFTERNOONS AND EARLY EVENINGS ACROSS MUCH OF THE REGION. THE STRONGEST WINDS ARE LIKELY TO BE SEEN ACROSS MOHAVE COUNTY AND THE EXTREME WESTERN PORTION OF THE MOJAVE DESERT WITH FIRE WEATHER CONCERNS BEING THE MAIN IMPACT. HOWEVER WILL NEED TO MONITOR THE WINDS AS LOCAL GUSTS MAY REACH INTO ADVISORY LEVELS ON SUNDAY AND MONDAY AFTERNOON.

DAYTIME TEMPERATURES WILL CONTINUE TO BE 3 TO 5 DEGREES BELOW NORMAL THROUGH THE PERIOD.

.LONG TERM...TUESDAY THROUGH FRIDAY...THE 00Z ECMWF TRENDED WEAKER THAN THE PREVIOUS RUN WITH ENERGY MOVING INTO THE GREAT BASIN TUESDAY WHILE THE GFS REMAINED PROGRESSIVE AND DRY. IN RESPONSE...ASSOCIATED PARAMETERS WERE ADJUSTED TO ACCOUNT FOR THE WEAKER...MORE PROGRESSIVE ECMWF SOLUTION. TEMPERATURES WERE RAISED SLIGHTLY...POPS WERE LOWERED ACROSS MAINLY THE SOUTHERN CWA WITH ADJUSTMENTS TO TIMING AND PRECIP LOCATION MADE FURTHER NORTH. QPF AMOUNTS WERE KEPT LIGHT BASED ON LIMITED AVAILABLE MOISTURE AND THE PROGRESSIVE NATURE OF THE SYSTEM. MODELS BRING MORE SHORTWAVE ENERGY ACROSS NORTHERN NEVADA WEDNESDAY WHICH COULD INCREASE WINDS AND RESULT IN A FEW SHOWERS ACROSS THE NORTH. THE ECMWF MAINTAINS A NORTHWEST FLOW ACROSS THE REGION THURSDAY AND FRIDAY WITH ADDITIONAL VORT ENERGY MOVING THROUGH THE AREA. THE GFS AND GEM ARE MORE ZONAL WITH IMPACTS LIMITED TO AREAS WELL NORTH OF THE AREA.

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UPDATE...PIERCE
PREV DISCUSSION...JENSEN/SALMEN