

NWS LAS Forecast Discussions related to 18 June 2015 ozone exceedance and following days

FXUS65 KVEF 180920

AFDVEF

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV

220 AM PDT THU JUN 18 2015

.SYNOPSIS...HIGH PRESSURE WILL RESULT IN CONTINUED HOT AND DRY CONDITIONS ACROSS THE AREA THROUGH EARLY NEXT WEEK. BREEZY CONDITIONS CAN BE EXPECTED IN THE AFTERNOONS ESPECIALLY ACROSS THE MOJAVE DESERT THROUGH FRIDAY.

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.SHORT TERM...TODAY THROUGH SATURDAY.

A BROAD AREA OF **UPPER LEVEL** HIGH PRESSURE WILL GRADUALLY SHIFT EAST ACROSS THE REGION THROUGH THE SHORT TERM PERIOD. THE MAIN CONCERN WITH THIS SETUP IS A PROLONGED PERIOD OF HOT CONDITIONS ACROSS THE DESERT SOUTHWEST ALONG WITH AFTERNOON BREEZES PROVIDING GOOD MIXING. WHILE THIS TYPE OF SETUP ISN'T UNUSUAL FOR MID TO LATE JUNE...ITS ONSET HAS BEEN RATHER RAPID FOLLOWING AN ABNORMALLY COOL MAY AND EARLY JUNE. AS A RESULT EVEN LOCAL RESIDENTS HAVEN'T HAD MUCH TIME TO ACCLIMATE TO THE SUMMER HEAT...LET ALONE VISITORS DURING A BUSY WEEKEND. THEREFORE I AGREE THAT THE **EXCESSIVE HEAT WARNING** SHOULD REMAIN IN EFFECT DESPITE THE FACT THAT THE LATEST GUIDANCE CONTINUES TO SHOW TEMPERATURES SLIGHTLY BELOW OUR TYPICAL CRITERIA FOR **EXCESSIVE HEAT** WARNINGS (111 DEGREES AT MCCARRAN FOR JUNE 18-22) FOR TODAY AND FRIDAY. BY SATURDAY...TEMPERATURES DO APPEAR TO WARM TO CRITERIA WITH TEMPERATURES 110-112 IN LAS VEGAS...116-118 DOWN THE COLORADO RIVER VALLEY...AND AROUND 125 IN DEATH VALLEY. PLEASE SEE THE LATEST **EXCESSIVE HEAT WARNING** FOR THE ADDITIONAL IMPACTS AND CALLS TO ACTION.

.LONG TERM...SUNDAY THROUGH WEDNESDAY.

THE INFLUENCE OF STRONG HIGH PRESSURE WILL CONTINUE THROUGH MONDAY AS IT BECOMES NEARLY STATIONARY...CENTERED OVER ROUGHLY EASTERN ARIZONA. HIGH TEMPERATURES STILL LOOK TO BE RIGHT AT THE **EXCESSIVE HEAT WARNING** THRESHOLD ALTHOUGH THEY MAY START TO COOL SLIGHTLY MONDAY WITH MODELS INDICATING MINOR HEIGHT FALLS. THE **ECMWF** ALSO STARTS TO BRING IN SOME **HIGH CLOUDS** FROM THE SOUTH WHICH COULD HAVE AN IMPACT ON HIGH TEMPERATURES FOR MONDAY. IT LOOKS LIKE THE HIGH MAY WEAKEN SLIGHTLY TUESDAY AND WEDNESDAY WITH THE CENTER PERHAPS SHIFTING FARTHER EAST. THE **GFS** KEEPS THE **FLOW** SOUTHWESTERLY OVER OUR **CWA** BUT THE **ECMWF** HAS A BIT MORE SOUTHERLY **FLOW** BY WEDNESDAY ALLOWING SOME INCREASE IN **MOISTURE**...MAINLY INTO MOHAVE COUNTY. I DID NOT ADD ANY **THUNDERSTORM** CHANCES AT THIS TIME AS THE **MOISTURE** PUSH THE **ECMWF** SHOWS LOOKS PRETTY MINOR AT THIS TIME AND IT DOES NOT GENERATE ANY **PRECIPITATION** EITHER. **MAX TEMPS** FOR TUESDAY AND WEDNESDAY LOOK TO BE 2 TO 3 DEGREES COOLER.

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.AVIATION...FOR MCCARRAN...ASIDE FROM A PERIOD OF LIGHT AND VARIABLE WINDS IN THE MORNING WINDS ARE EXPECTED TO REMAIN SOUTHWESTERLY AT THE TERMINAL...BECOMING GUSTY DURING THE AFTERNOON. THERE MAY BE A LONGER WINDOW FOR EASTERLY WIND COMPONENTS LATE FRIDAY MORNING INTO

EARLY AFTERNOON. HOT AND **MOSTLY CLEAR** CONDITIONS THROUGH THIS WEEKEND.

FOR THE REST OF SOUTHERN NEVADA...NORTHWEST ARIZONA...AND SOUTHEAST CALIFORNIA...HOT TEMPERATURES WILL BRING HIGH DENSITY ALTITUDES THROUGH THE WEEKEND. TYPICAL AFTERNOON BREEZES CAN BE EXPECTED... WITH THE STRONGEST WINDS IN WESTERN SAN BERNARDINO COUNTY LATE THURSDAY AFTERNOON INTO THURSDAY EVENING.
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FXUS65 KVEF 181721
AFDVEF

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV
1021 AM PDT THU JUN 18 2015

.SYNOPSIS...HIGH PRESSURE WILL RESULT IN CONTINUED HOT AND DRY CONDITIONS ACROSS THE AREA THROUGH EARLY NEXT WEEK. BREEZY CONDITIONS CAN BE EXPECTED IN THE AFTERNOONS ESPECIALLY ACROSS THE MOJAVE DESERT THROUGH FRIDAY.
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.UPDATE...SLASHED HIGH TEMPERATURE FORECAST FOR TODAY BY ABOUT TEN DEGREES IN THE MORONGO **BASIN** DUE TO DENSE **SMOKE** LAYER ALOFT FROM THE LAKE FIRE INHIBITING SUNSHINE. ALSO CUT TEMPERATURES BY LESSER AMOUNTS IN AREAS FARTHER **DOWNSTREAM** SUCH AS NEEDLES AND LAUGHLIN. NO OTHER CHANGES AT THIS TIME.
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FXUS65 KVEF 182154
AFDVEF

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV
254 PM PDT THU JUN 18 2015

.SYNOPSIS...HIGH PRESSURE WILL RESULT IN CONTINUED HOT AND DRY CONDITIONS THROUGH EARLY NEXT WEEK. BREEZY CONDITIONS CAN BE EXPECTED IN THE AFTERNOONS ESPECIALLY ACROSS THE MOJAVE DESERT ON FRIDAY.
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.DISCUSSION...MAIN CONCERN REMAINS THE HEAT. TEMPERATURE WAS A LITTLE SLOW TO HEAT UP AT KLAS TODAY...BUT GUIDANCE CONTINUES TO SHOW **TEMPS** GETTING EVEN HOTTER THROUGH THE WEEKEND...SO SEE NO REASON TO ALTER THE **EXCESSIVE HEAT WARNING**. PREVIOUS SHIFTS ALREADY OUTLINED GOOD REASONS TO HAVE IT IN EFFECT DESPITE HIGHS POSSIBLY FALLING A COUPLE DEGREES SHORT OF TECHNICAL CRITERIA. **ALSO KEEPING AN EYE ON SMOKE** FROM THE LAKE FIRE IN THE SAN BERNARDINO MOUNTAINS. WIND TRAJECTORIES THROUGH SATURDAY SUGGEST IT SHOULD STAY SUPPRESSED INTO THE FAR SOUTHERN **CWA**...WITH THE FIRST WINDOW FOR AN INTRUSION INTO LAS VEGAS BEING SUNDAY IF THE FIRE IS STILL ACTIVE BY THAT TIME. DRY WEATHER LOOKS LIKE A SURE THING THROUGH TUESDAY WITH PERHAPS SLIGHTLY LESS HEAT BY TUESDAY AS THE **RIDGE** CENTER MOVES

EAST. MODELS DIFFER QUITE A BIT IN THE EVENTUAL EVOLUTION OF THE PATTERN BY LATE NEXT WEEK. BEST GUESS AT THIS POINT IS A SLIGHT INCREASE IN **HUMIDITY** AND CLOUD COVER...BUT WILL KEEP RAIN CHANCES OUT FOR NOW. THIS WILL NEED TO BE MONITORED.

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.AVIATION...FOR MCCARRAN...ASIDE FROM LIGHT EASTERLY WIND COMPONENTS IN THE LATE MORNINGS AND EARLY AFTERNOONS...NO OPERATIONALLY SIGNIFICANT WEATHER IS EXPECTED AT THE TERMINAL THROUGH SATURDAY.

SMOKE FROM THE LAKE FIRE SHOULD STAY WELL TO THE SOUTH THROUGH SATURDAY.

FOR THE REST OF SOUTHERN NEVADA...NORTHWEST ARIZONA...AND SOUTHEAST CALIFORNIA...HOT TEMPERATURES WILL BRING HIGH DENSITY ALTITUDES THROUGH THE WEEKEND. TYPICAL AFTERNOON BREEZES CAN BE EXPECTED WITH THE STRONGEST WINDS LATE THIS AFTERNOON INTO THIS EVENING.

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FXUS65 KVEF 190207

AFDVEF

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV

707 PM PDT THU JUN 18 2015

.SYNOPSIS...HIGH PRESSURE WILL RESULT IN CONTINUED HOT AND DRY CONDITIONS THROUGH EARLY NEXT WEEK. BREEZY CONDITIONS CAN BE EXPECTED IN THE AFTERNOONS ESPECIALLY ACROSS THE MOJAVE DESERT ON FRIDAY.

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.UPDATE...MADE SOME VERY MINOR TWEAKS TO SKY AND WINDS GRIDS OVERNIGHT. WINDS ARE A BIT HIGHER THAN INITIALLY FORECAST OVER WESTERN SAN BERNARDINO COUNTY. THESE SHOULD COME DOWN SOMEWHAT OVER THE NEXT COUPLE HOURS BUT ADJUSTED THINGS TO BETTER MATCH THE HRRR WITH SEEMS TO HAVE A GOOD HANDLE AT THE MOMENT. **AT THIS TIME** ELEVATED **SMOKE** CONTINUES TO STREAM ACROSS SOUTHWEST SAN BERNARDINO COUNTY FROM THE LAKE FIRE BURNING IN THE SAN BERNARDINO MOUNTAINS. SATELLITE ALSO INDICATES THAT THE SKY FIRE SOUTH OF YOSEMITE MAY ALSO BRING LOFTED **SMOKE** TO THE NORTHWEST CORNER OF OUR FORECAST AREA INCLUDING ESMERALDA AND NORTHERN INYO COUNTIES OVERNIGHT AND INTO FRIDAY.

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.AVIATION...FOR MCCARRAN...ASIDE FROM LIGHT EASTERLY WIND COMPONENTS IN THE LATE MORNINGS AND EARLY AFTERNOONS...NO OPERATIONALLY SIGNIFICANT WEATHER IS EXPECTED AT THE TERMINAL THROUGH SATURDAY.

SMOKE FROM THE LAKE FIRE SHOULD STAY WELL TO THE SOUTH THROUGH SATURDAY.

FOR THE REST OF SOUTHERN NEVADA...NORTHWEST ARIZONA...AND SOUTHEAST CALIFORNIA...HOT TEMPERATURES WILL BRING HIGH DENSITY ALTITUDES THROUGH THE WEEKEND. TYPICAL AFTERNOON BREEZES CAN BE EXPECTED WITH THE STRONGEST WINDS LATE THIS AFTERNOON INTO THIS EVENING. **ELEVATED**

SMOKE FROM WILDFIRES BURNING IN THE SIERRA AND SAN BERNARDINO MOUNTAINS COULD CREATE **VISIBILITY** ISSUES AT ALTITUDE.

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FXUS65 KVEF 190922
AFDVEF

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV
222 AM PDT FRI JUN 19 2015

.SYNOPSIS...HIGH PRESSURE WILL RESULT IN CONTINUED HOT AND DRY CONDITIONS AND BREEZY AFTERNOONS THROUGH EARLY NEXT WEEK. THE HOTTEST TEMPERATURES ARE EXPECTED SATURDAY AND SUNDAY. &&

.SHORT TERM...TODAY THROUGH SUNDAY.

VERY LITTLE CHANGE TO THE FORECAST THIS MORNING. THE SETUP STILL CONSISTS OF A BROAD AREA OF **UPPER LEVEL** HIGH PRESSURE WHICH WILL GRADUALLY SHIFT EAST ACROSS THE REGION THROUGH THE WEEKEND. THIS WILL RESULT IN CONTINUED VERY HOT TEMPERATURES AND BREEZY WINDS DURING THE AFTERNOON HOURS. AN **EXCESSIVE HEAT WARNING** REMAINS IN EFFECT THROUGH MONDAY. TEMPERATURES WILL CLIMB A DEGREE OR TWO TODAY AND AGAIN SUNDAY BEFORE A SLOW RETREAT BEGINS SUNDAY/MONDAY. PLEASE SEE THE LATEST **EXCESSIVE HEAT WARNING** FOR THE ADDITIONAL IMPACTS AND CALLS TO ACTION.

OUTSIDE OF WINDS AND TEMPERATURES THE ONLY OTHER CONCERN IS **SMOKE** FROM THE LAKE **WILDFIRE** IN THE SAN BERNARDINO MOUNTAINS AND ITS IMPACT **DOWNSTREAM** IN AREAS SUCH AS MORONGO VALLEY...YUCCA VALLEY...JOSHUA TREE...TWENTYNINE PALMS SOUTH INTO RIVERSIDE COUNTY. I DID PUT IN SOME **PATCHY SMOKE** INTO THE GRIDS THROUGH EARLY SATURDAY MORNING. THERE IS ALSO A CHANCE OF SOME **SMOKE** IMPACTING PORTIONS OF ESMERALDA AND NORTHERN INYO COUNTIES FROM THE SKY FIRE SOUTH OF YOSEMITE. FOR THE MOMENT HAVE NOT ADDED **SMOKE** INTO THE FORECAST FOR THOSE AREAS...BUT WE`LL NEED TO KEEP AN EYE ON IT.

.LONG TERM...MONDAY THROUGH THURSDAY.

HIGH TEMPERATURES LOOK TO RETREAT A FEW DEGREES EARLY NEXT WEEK AS CENTER OF **RIDGE** SHIFTS EAST TOWARD THE FOUR CORNER REGION. DRY WEATHER WILL PERSIST AT LEAST THROUGH THE MIDDLE OF NEXT THEN ATTENTION TURNS TOWARD AN INVERTED **TROUGH** THAT ALL MODEL DEPICT MOVING WEST ALONG SOUTHERN PERIPHERY OF **RIDGE** ACROSS NORTHERN MEXICO. QUITE A FEW DIFFERENCES BETWEEN MODELS IN THE THURSDAY-FRIDAY TIME FRAME. FOR NOW, WILL CONTINUE TO TAKE CONSERVATIVE APPROACH BY INDICATING A SLIGHT INCREASE IN CLOUD COVER AND **HUMIDITY**. SHAVED A FEW MORE DEGREES OFF HIGHS LATE IN THE WEEK DUE TO ADDITIONAL CLOUD COVER/**HUMIDITY**.

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.AVIATION...FOR MCCARRAN...HOT TEMPERATURES WILL CONTINUE TODAY WITH LIGHT EASTERLY WINDS IN THE LATE MORNING AND EARLY AFTERNOON FOLLOWED BY GUSTY SOUTHWESTERLY WINDS DURING THE LATE AFTERNOON AND EVENING. **SMOKE FROM CALIFORNIA WILDFIRES SHOULD STAY CLEAR OF THE AREA TODAY.** OUTSIDE OF WINDS AND TEMPERATURES...NO OPERATIONALLY SIGNIFICANT WEATHER IS EXPECTED THIS WEEKEND.

FOR THE REST OF SOUTHERN NEVADA...NORTHWEST ARIZONA...AND SOUTHEAST CALIFORNIA...HOT TEMPERATURES WILL BRING HIGH DENSITY ALTITUDES THROUGH THE WEEKEND. TYPICAL AFTERNOON BREEZES CAN BE EXPECTED WITH THE STRONGEST WINDS LATE THIS AFTERNOON INTO THIS EVENING. **ELEVATED**

SMOKE FROM WILDFIRES BURNING IN THE SIERRA AND SAN BERNARDINO MOUNTAINS COULD CREATE **VISIBILITY** ISSUES AT ALTITUDE TO THE EAST OF THE FIRE LOCATIONS.

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FXUS65 KVEF 192140

AFDVEF

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV

240 PM PDT FRI JUN 19 2015

.SYNOPSIS...HIGH PRESSURE WILL RESULT IN CONTINUED HOT AND DRY CONDITIONS AND BREEZY AFTERNOONS THROUGH EARLY NEXT WEEK. THE HOTTEST TEMPERATURES ARE EXPECTED SATURDAY AND SUNDAY.

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.SHORT TERM...TONIGHT THROUGH MONDAY

HIGH PRESSURE CONTINUES TO ENCOMPASS ALL OF THE SOUTHERN **CONUS** INCLUDING THE DESERT SOUTHWEST. THIS WILL ALLOW TEMPERATURES TO REMAIN WELL ABOVE NORMAL BUT SHORT OF RECORD LEVELS. HIGH TEMPERATURES FOR THE WEEKEND WILL BE A COUPLE DEGREES WARMER THAN TODAY BUT WE SHOULD SEE SLIGHTLY LESS HOT TEMPERATURES EARLY NEXT WEEK. BREEZY SOUTHERLY WINDS WILL ACCOMPANY THE HEAT IN THE AFTERNOONS.

AS THE **WILDFIRE** SEASON GETS UNDERWAY...**SMOKE** COULD AFFECT SOME AREAS OF THE **CWA**. IN PARTICULAR...**THE LAKE FIRE WILL BRING SMOKE TO THE MORONGO BASIN AND BE VISIBLE FROM MUCH OF SOUTHERN SAN BERNARDINO AND MOHAVE COUNTIES.**

** truncated by PMF**

FXUS65 KVEF 200420

AFDVEF

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV

920 PM PDT FRI JUN 19 2015

.SYNOPSIS...HIGH PRESSURE WILL RESULT IN CONTINUED HOT AND DRY CONDITIONS AND BREEZY AFTERNOONS THROUGH EARLY NEXT WEEK. THE HOTTEST TEMPERATURES ARE EXPECTED SATURDAY AND SUNDAY.

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.UPDATE...NUDGED WINDS CLOSERS TO THE HRRR GUIDANCE WHICH SEEMS TO HAVE THE BEST HANDLE ON THE CURRENT SITUATION. OTHERWISE NO SIGNIFICANT CHANGES THROUGH TONIGHT. NO FURTHER UPDATES PLANNED THIS EVENING.

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** truncated by PMF**

FXUS65 KVEF 200946

AFDVEF

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV

246 AM PDT **SAT** JUN 20 2015

.SYNOPSIS...HIGH PRESSURE WILL RESULT IN CONTINUED HOT AND DRY CONDITIONS THROUGH EARLY NEXT WEEK WITH THE HOTTEST TEMPERATURES EXPECTED TODAY AND SUNDAY. BREEZY CONDITIONS ARE EXPECTED TO DEVELOP EACH AFTERNOON...WITH LOCALLY WINDY CONDITIONS EXPECTED SUNDAY...LEADING TO ELEVATED FIRE CONCERNS.

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.SHORT TERM...TODAY THROUGH MONDAY.

HOT...DRY...AND BREEZY TO LOCALLY WINDY CONDITIONS ARE EXPECTED TO CONTINUE THROUGH THE SHORT TERM PERIOD. TODAY IS EXPECTED TO BE THE WARMEST DAY OF THIS HEATWAVE WITH HIGHS ECLIPSING 110 DEGREES IN MOST LOW-ELEVATION LOCALES ACROSS THE MOJAVE DESERT. THE EXCESSIVE HEAT **WARNING** REMAINS IN EFFECT FOR THESE AREAS THROUGH MONDAY. PLEASE SEE THE LATEST **EXCESSIVE HEAT WARNING** FOR THE ADDITIONAL IMPACTS AND CALLS TO ACTION.

THE LATEST 00Z GUIDANCE HAS COME IN SOMEWHAT STRONGER WITH WINDS SUNDAY...ESPECIALLY FOR THE SIERRA...SPRING MOUNTAINS AND WESTERN MOJAVE DESERT AREA. THIS IN COMBINATION WITH WIDESPREAD SINGLE DIGIT RELATIVE HUMIDITIES WILL LEAD TO ELEVATED FIRE WEATHER CONCERNS FOR THESE AREAS. DUE TO THE UNCERTAINTY IN FUEL STATUS FOR THESE AREAS I WILL LET THE DAY SHIFT DISCUSS THESE CONCERNS WITH AREA COORDINATION CENTERS BEFORE ISSUING ANY FIRE WEATHER PRODUCTS.

FINALLY THERE IS THE TOPIC OF **SMOKE** FROM EXISTING WILDFIRES BURNING IN CALIFORNIA. OVERNIGHT...**SMOKE** (LIKELY FROM THE SKY FIRE SOUTH OF YOSEMITE) WORKED ITS WAY INTO THE OWENS VALLEY...REDUCING **VISIBILITY** BELOW 2 MILES AT TIMES AT THE BISHOP AIRPORT. THIS **SMOKE** SHOULD THIN AFTER SUNRISE BEFORE TRANSPORT WINDS TURN MORE SOUTHWESTERLY CARRYING THE **SMOKE** NORTH OF THE FORECAST AREA BY THIS AFTERNOON. THE OTHER FIRE OF CONCERN IS THE **LAKE FIRE IN THE SAN BERNARDINO MOUNTAINS**. YESTERDAY THE LOW AND MID-LEVEL **FLOW** DIRECTED **SMOKE** FROM THIS FIRE SOUTHEAST THROUGH MORONGO VALLEY INTO RIVERSIDE COUNTY. TODAY THESE TRANSPORT WINDS ARE EXPECTED TO BECOME SOUTHWESTERLY BY THIS AFTERNOON...DIRECTING THE **SMOKE** NORTHEAST ACROSS THE FORECAST AREA...AND LIKELY ACROSS THE LAS VEGAS VALLEY BY LATE AFTERNOON OR EVENING. I HAVE INCLUDED **PATCHY SMOKE** IN THE GRIDS FOR AREAS MOST LIKELY TO SEE **SMOKE** BETWEEN THE SURFACE AND 20K FEET THROUGH TONIGHT. FOR LAS VEGAS...EXPECT MOST OF THIS **SMOKE** TO REMAIN ELEVATED BUT SOME MIXING INTO THE LOWER LEVELS IS CERTAINLY POSSIBLE.

** truncated by PMF**

FXUS65 KVEF 201655
AFDVEF

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE LAS VEGAS NV
955 AM PDT **SAT** JUN 20 2015

.SYNOPSIS...HIGH PRESSURE WILL RESULT IN CONTINUED HOT AND DRY CONDITIONS THROUGH EARLY NEXT WEEK WITH THE HOTTEST TEMPERATURES EXPECTED TODAY AND SUNDAY. BREEZY CONDITIONS ARE EXPECTED TO DEVELOP EACH AFTERNOON...WITH LOCALLY WINDY CONDITIONS EXPECTED SUNDAY...LEADING TO ELEVATED FIRE CONCERNS.
&&

.UPDATE...THE LATEST OBSERVATIONS AND MODEL GUIDANCE SUPPORT THE TRENDS DETAILED IN THE PREVIOUS DISCUSSION. ASIDE FROM THE EXCESSIVE HEAT...THE MAIN ISSUE WILL BE WATCHING **SMOKE** COMING OUR DIRECTION FROM THE LAKE FIRE IN THE SAN BERNARDINO MOUNTAINS. THE INHERITED FORECAST HAS THIS COVERED AND NO IMMEDIATE CHANGES ARE NEEDED.
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** truncated by PMF**

FXUS65 KVEF 202212
AFDVEF

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE LAS VEGAS NV
310 PM PDT **SAT** JUN 20 2015

.SYNOPSIS...THE STRONG AREA OF HIGH PRESSURE OVERHEAD WILL GRADUALLY PUSH OFF TO THE EAST SUNDAY AND MONDAY AS A **LOW PRESSURE SYSTEM** OFF THE PACIFIC NORTHWEST COAST MOVES INLAND. THIS WILL LEAD TO VERY HOT AND BREEZY CONDITIONS SUNDAY FOLLOWED BY A SLIGHT DECREASE IN TEMPERATURES MONDAY. HOWEVER...A HOT AND DRY TYPICAL JUNE WEATHER PATTERN WILL PERSIST ACROSS THE REGION DURING THE COMING WEEK.
&&

.SHORT TERM...TONIGHT THROUGH MONDAY.

THE HOT WEATHER AND A FEW OTHER FIRE WEATHER ISSUES ARE THE MAIN CONCERNS THE NEXT COUPLE DAYS. TEMPERATURES WERE GENERALLY RUNNING 2-4 DEGREES HIGHER THAN YESTERDAY AND IT LOOKS LIKE THIS SHOULD BE THE HOTTEST DAY OF OUR HEAT WAVE EPISODE. THE SLIGHT DOWNWARD TREND IN TEMPERATURES WILL BEGIN SUNDAY IN RESPONSE TO A **TROUGH** CURRENTLY OFF THE PACIFIC NORTHWEST COAST WHICH IS FORECAST TO BRUSH NORTHERN CALIFORNIA AND NORTHWEST NEVADA AS IT LIFTS INLAND SUNDAY. IN ADDITION TO SLIGHTLY LOWERING TEMPERATURES...IT WILL ENHANCE SOUTHWEST WINDS ACROSS THE REGION. SUSTAINED SPEEDS OF 15-20 MPH WILL BE COMMON ACROSS MUCH OF THE REGION WITH GUSTS OF 25-35 MPH IN SPOTS FAVORED BY SOUTHWEST **FLOW**. BY MONDAY...THE LATEST MODEL SOLUTIONS CONTINUE TO INDICATE TEMPERATURES WILL FALL A FEW DEGREES

BELOW EXCESSIVE THRESHOLDS (111 DEGREES IN LAS VEGAS) AND I DECIDED TO PULL MONDAY OUT OF THE **WARNING** PERIOD SINCE **TEMPS** WILL BE SIMILAR GOING INTO TUESDAY AND WEDNESDAY.

** truncated by PMF**

FXUS65 KVEF 210335
AFDVEF

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE LAS VEGAS NV
835 PM PDT **SAT** JUN 20 2015

.SYNOPSIS...THE STRONG AREA OF HIGH PRESSURE OVERHEAD WILL GRADUALLY PUSH OFF TO THE EAST SUNDAY AND MONDAY AS A **LOW PRESSURE SYSTEM** OFF THE PACIFIC NORTHWEST COAST MOVES INLAND. THIS WILL LEAD TO VERY HOT AND BREEZY CONDITIONS SUNDAY FOLLOWED BY A SLIGHT DECREASE IN TEMPERATURES MONDAY. HOWEVER...A HOT AND DRY TYPICAL JUNE WEATHER PATTERN WILL PERSIST ACROSS THE REGION DURING THE COMING WEEK.
&&

.UPDATE...A BAND OF **CIRRUS** PUSHING ACROSS CENTRAL CALIFORNIA FROM THE PACIFIC HAS ENHANCED OFF THE WHITE MOUNTAINS. AS A RESULT SKY COVER WAS ADJUSTED UP ACROSS THE NORTHERN THIRD OF THE AREA FOR THE REST OF TONIGHT.

BASED ON **TEMPS** TODAY AND **PROGGED** 850 MB AND 700 MB **TEMPS** FROM THE **GFS** AND **ECMWF** FOR SUNDAY, OUR FORECAST HIGHS TOMOROW MAY BE A TAD TOO LOW. I`LL LIKELY BUMP THEM UP A DEGREE OR SO WITH THE MORNING PACKAGE.
&&

.AVIATION...FOR MCCARRAN...A PREVAILING SOUTH-SOUTHWEST WIND WILL PERSIST OVERNIGHT AND SUNDAY. GUSTS AROUND 25 KNOTS CAN BE EXPECTED SUNDAY AFTERNOON. **SMOKE FROM CALIFORNIA WILDFIRES MAY DRIFT OVER THE VALLEY SUNDAY BUT SURFACE VISIBILITY SHOULD NOT BE RESTRICTED.** DRY AND WARM CONDITIONS ARE EXPECTED TO PERSIST THROUGH THE COMING WEEK.

FOR THE REST OF SOUTHERN NEVADA...NORTHWEST ARIZONA...AND SOUTHEAST CALIFORNIA...HOT TEMPERATURES WILL BRING HIGH DENSITY ALTITUDES AGAIN ON SUNDAY. SOUTHWEST WINDS WILL INCREASE SUNDAY ACROSS THE SIERRA...SPRING MOUNTAINS AND WESTERN MOJAVE DESERT. **SMOKE FROM WILDFIRES BURNING IN THE SIERRA AND SAN BERNARDINO MOUNTAINS COULD CREATE VISIBILITY ISSUES BETWEEN THE SURFACE AND 20KFT TO THE EAST/NORTHEAST OF THE FIRE LOCATIONS.**
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** truncated by PMF**

FXUS65 KVEF 210918
AFDVEF

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE LAS VEGAS NV
219 AM PDT SUN JUN 21 2015

.SYNOPSIS...ANOTHER HOT AND DRY DAY IS EXPECTED ACROSS THE AREA TODAY. A WEAK SYSTEM PASSING BY TO THE NORTH WILL PICK UP WINDS THIS AFTERNOON AND EVENING FROM THE SOUTH TO SOUTHWEST. AFTER A SLIGHT DROP IN TEMPERATURES ON MONDAY, TEMPERATURES WILL REBOUND FOR TUESDAY AND REMAIN ABOVE NORMAL THROUGH THE END OF THE WEEK.

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.SHORT TERM...TODAY THROUGH TUESDAY NIGHT.

TODAY STARTS ASTRONOMICAL SUMMER, HOWEVER, SUMMER AS FAR AS ANYONE IS CONCERNED FROM THE FEELS LIKE DEPARTMENT ALREADY ARRIVED IN FULL FORCE LAST WEEK. HIGH PRESSURE ALOFT REMAINS OFF TO THE EAST AND WITH THE AREA ON THE BACK SIDE OF THE HIGH A SOUTHWEST **FLOW** WILL ONCE AGAIN HELP TO CRANK **TEMPS** UP TO NEAR RECORD LEVELS IN SOME AREAS TODAY. BASED ON OBSERVED HIGHS ON SATURDAY AS WELL AS AN AVERAGE OF **PROGGED** 850 AND 700 MB **TEMPS** OFF THE **GFS** AND **ECMWF** NEAR 25C, I HAVE BUMPED UP A FEW **TEMPS** FOR TODAY. THE RECORD HIGH FOR LAS VEGAS IS 111 SET IN 1937 AND TIED IN 1954 AND WE SHOULD GET TO THIS VALUE. A WEAK MID/UPPER **TROUGH** WILL PASS UP AND OVER THE **RIDGE** AXIS TO OUR NORTH TODAY AND INCREASE WINDS FROM THE SOUTH TO SOUTHWEST THIS AFTERNOON AND EVENING WITH MOST AREAS GUSTING BETWEEN 25 AND 35 MPH. SOME **CIRRUS** WILL BE AROUND THIS MORNING ACROSS THE NORTHERN **CWFA** BUT SHOULD THIN OUT BY THIS AFTERNOON AS EVEN WAY ON UP THE **ATMOSPHERE** DRIES OUT.

SLIGHTLY COOLER AIR WILL FILTER IN BEHIND THIS **TROUGH** FOR MONDAY, DROPPING HIGHS A FEW DEGREES, HOWEVER, READINGS SHOULD STILL BE ABOVE NORMAL. OVERALL, THE PATTERN CHANGES LITTLE THROUGH TUESDAY WITH HIGH PRESSURE ALOFT STILL OFF TO THE EAST AND A SOUTHWEST **FLOW** ALOFT REMAINING IN PLACE. WINDS WILL STILL PICK UP BOTH DAYS FROM THE SOUTH TO SOUTHWEST IN THE AFTERNOON AND EVENING AND **GUST** TO 20-30 MPH IN MOST AREAS. BY MONDAY NIGHT INTO TUESDAY THE **FLOW** ALOFT MAY GO SOUTHERLY ENOUGH TO ALLOW SOME HIGH LEVEL **MOISTURE** TO SPREAD IN **CIRRUS** CLOUDS.

** truncated by PMF**

FXUS65 KVEF 211701
AFDVEF

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE LAS VEGAS NV
1000 AM PDT SUN JUN 21 2015

.SYNOPSIS...ANOTHER HOT AND DRY DAY IS EXPECTED ACROSS THE AREA TODAY. A WEAK SYSTEM PASSING BY TO THE NORTH WILL PICK UP WINDS THIS AFTERNOON AND EVENING FROM THE SOUTH TO SOUTHWEST. AFTER A SLIGHT DROP IN TEMPERATURES ON MONDAY, TEMPERATURES WILL REBOUND FOR TUESDAY AND REMAIN ABOVE NORMAL THROUGH THE END OF THE WEEK.
&&

.UPDATE...THE LATEST OBSERVATIONS AND MODEL GUIDANCE SUPPORT THE TRENDS DETAILED IN THE PREVIOUS DISCUSSION. **SMOKE** COULD BE SEEN MOVE OVER SOUTHERN NEVADA AND NORTHWEST ARIZONA FROM THE LAKE FIRE IN THE SAN BERNARDINO MOUNTAINS. IT APPEARS THE WESTERN EDGE OF THE **SMOKE** WILL MOVE ACROSS CLARK COUNTY DURING THE LATE MORNING AND EARLY AFTERNOON. WINDS WILL CONTINUE TO INCREASE THROUGH MID AFTERNOON IN RESPONSE TO THE **TROUGH** BRUSHING NORTHERN CALIFORNIA AND NORTHWEST NEVADA. NO IMMEDIATE CHANGES NEEDED. &&

.AVIATION...FOR MCCARRAN...A PREVAILING SOUTH-SOUTHWEST WIND WILL PERSIST THROUGH MONDAY. THE STRONGEST PERIOD WILL BE THIS AFTERNOON AND EARLY EVENING WITH GUSTS OF 28-33 **KTS**. **SMOKE** FROM CA FIRES WILL DRIFT OVERHEAD AT TIMES BUT SHOULD REMAIN THIN.

FOR THE REST OF SOUTHERN NEVADA...NORTHWEST ARIZONA...AND SOUTHEAST CALIFORNIA...HOT **TEMPS** LEADING TO HIGH DENSITY ALTITUDES...SOUTHWEST WINDS GUSTING 25-35 **KTS**...AND **SMOKE** CAN BE EXPECTED THIS AFTERNOON THROUGH EARLY EVENING. ANY SIGNIFICANT **SMOKE** IMPACTS WILL LIKELY LIMITED TO AREAS NEAR FIRES NEAR THE SAN BERNARDINO MOUNTAINS AND SOUTHERN SIERRA. &&

** truncated by PMF**

FXUS65 KVEF 212212
AFDVEF

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE LAS VEGAS NV
312 PM PDT SUN JUN 21 2015

.SYNOPSIS...A WEAK DISTURBANCE BRUSHING THE NORTHERN GREAT **BASIN** WILL LEAD TO A SLIGHT DROP IN TEMPERATURES MONDAY BUT HIGHS WILL REMAIN SEVERAL DEGREES ABOVE NORMAL THROUGH THE WEEK. A DEVELOPING SOUTHEAST **FLOW** MAY BEGIN TO BRING LIMITED **MOISTURE** TO THE MOJAVE DESERT AND SOUTHERN SIERRA BY NEXT WEEKEND.
&&

.SHORT TERM...TONIGHT THROUGH TUESDAY NIGHT.

SOUTH-SOUTHWEST WINDS WERE RESPONDING AS EXPECTED TO THE **TROUGH** MOVING ACROSS THE PACIFIC NORTHWEST AND BRUSHING THE NORTHERN GREAT **BASIN**. GUSTS OF 25 TO 35 MPH WILL PERSIST THROUGH THE AFTERNOON AND LATE EVENING THEN GRADUALLY ABATE TOWARD MONDAY MORNING. TEMPERATURES WERE GENERALLY RUNNING 2-5 DEGREES LOWER THAN 24 HOURS AGO ACROSS THE REGION WITH BETTER **BOUNDARY LAYER** MIXING IN PLACE. HIGH **TEMPS** ARE STILL EXPECTED TO LOWER A FEW MORE DEGREES MONDAY THEN SHOW LITTLE CHANGE TUESDAY AS THE HIGH PRESSURE WHICH HAS DOMINATED OUR WEATHER LIFTS AWAY TOWARD THE SOUTHERN PLAINS. EVEN THOUGH TEMPERATURES WILL NOT REACH EXCESSIVE THRESHOLDS...THEY WILL STILL BE RUNNING SEVERAL DEGREES ABOVE NORMAL WITH READINGS AROUND 108 IN LAS VEGAS TO 113 ALONG THE COLORADO RIVER VALLEY. WINDS WILL DECREASE MONDAY BUT AFTERNOON SOUTH-SOUTHWEST BREEZES WITH GUSTS TO 25

** truncated by PMF**

FXUS65 KVEF 220410

AFDVEF

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV

910 PM PDT SUN JUN 21 2015

.SYNOPSIS...A WEAK DISTURBANCE BRUSHING THE NORTHERN GREAT **BASIN** WILL LEAD TO A SLIGHT DROP IN TEMPERATURES MONDAY BUT HIGHS WILL REMAIN SEVERAL DEGREES ABOVE NORMAL THROUGH THE WEEK. A DEVELOPING SOUTHEAST **FLOW** MAY BEGIN TO BRING LIMITED **MOISTURE** TO THE MOJAVE DESERT AND SOUTHERN SIERRA BY NEXT WEEKEND.

&&

.UPDATE...

NO MAJOR UPDATES TO THE FORECAST THIS EVENING. WIND AND TEMPERATURE FORECAST LOOKS GOOD. **SMOKE FROM THE LAKE FORE IN SAN BERNARDINO FORECAST IS NOT AS EXTENSIVE AS YESTERDAY. SO THE MENTION OF SMOKE HAS BEEN ADJUSTED A BIT.**

&&

.AVIATION...FOR MCCARRAN...A PREVAILING SOUTH-SOUTHWEST WIND WILL PERSIST THROUGH MONDAY. GUSTY CONDITIONS WILL DIMINISH LATE TONIGHT AND EARLY MONDAY MORNING THEN GUSTS AROUND 20 KNOTS CAN BE EXPECTED MONDAY AFTERNOON. **SMOKE** FROM CA FIRES WILL DRIFT OVERHEAD AT TIMES BUT SHOULD REMAIN THIN.

FOR THE REST OF SOUTHERN NEVADA...NORTHWEST ARIZONA...AND SOUTHEAST CALIFORNIA...SOUTHWEST WINDS GUSTING 25-35 **KTS** WILL DIMINISH LATE TONIGHT AND EARLY MONDAY MORNING. SOUTH-SOUTHWEST WINDS GUSTING 15-25 **KTS** CAN BE EXPECTED OVER MOST AREAS MONDAY AFTERNOON. **SMOKE WILL CONTINUE TO STREAM TO THE NORTH-NORTHEAST FROM THE SAN BERNARDINO**

MOUNTAINS. ANY SIGNIFICANT **SMOKE** IMPACTS WILL LIKELY BE LIMITED TO AREAS NEAR FIRES NEAR THE SAN BERNARDINO MOUNTAINS.

&&

** truncated by PMF**

FXUS65 KVEF 220847

AFDVEF

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV

147 AM PDT MON JUN 22 2015

.SYNOPSIS...GUSTY WINDS EXPECTED AGAIN TODAY. NO MAJOR RELIEF FROM THE HEAT AS SLIGHTLY COOLER TEMPERATURES WILL STILL BE ABOVE SEASONAL NORMALS. A DEVELOPING SOUTHEAST **FLOW** MAY BEGIN TO BRING LIMITED **MOISTURE** TO THE MOJAVE DESERT AND SOUTHERN SIERRA BY NEXT WEEKEND.

&&

.SHORT TERM...TODAY THROUGH WEDNESDAY NIGHT TEMPERATURES TODAY WILL BE SLIGHTLY COOLER FOR MOST OF THE NORTHERN AND WESTERN PORTIONS OF OUR FORECAST AREA...INCLUDING LAS VEGAS. DESPITE THE MINOR DROP...LITTLE IN THE WAY OF RELIEF IS EXPECTED AS TEMPERATURES ARE STILL RUNNING WELL ABOVE NORMAL. THE PRIMARY FORECAST DECISION THIS FORECAST CYCLE WAS WHETHER TO CONTINUE THE HEAT **WARNING** THAT WAS IN EFFECT THE LAST FEW DAYS. GIVEN THE SLIGHT DROP IN TEMPERATURES WE WOULD EXPECT TO SEE A DROP IN HEAT RELATED IMPACTS AS WELL. LIKEWISE...PREPARATORY ACTIONS HAVE BEEN CONDUCTED BY MANY AT THIS POINT LESSING THE NEED. WE WILL CONTINUE TO COMMUNICATE SAFETY INFORMATION THROUGH SOCIAL MEDIA AND OTHER STREAMS.

ADDING TO THE MISERY OR THE HEAT TODAY, WIND GUSTS WILL ALSO PEAK UP AGAIN LATE THIS MORNING AND AFTERNOON. THEY SHOULD TAPER SOME ON TUESDAY AS THE HIGH PRESSURE REASSERTS ITSELF OVER THE SOUTHWEST. THIS WILL **MEAN** AN INCREASE IN TEMPERATURES AS WELL.

** truncated by PMF**

FXUS65 KVEF 221548

AFDVEF

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV

850 AM PDT MON JUN 22 2015

.SYNOPSIS...GUSTY WINDS EXPECTED AGAIN TODAY. NO MAJOR RELIEF FROM THE HEAT AS SLIGHTLY COOLER TEMPERATURES WILL STILL BE ABOVE

SEASONAL NORMALS. A DEVELOPING SOUTHEAST **FLOW** MAY BEGIN TO BRING LIMITED **MOISTURE** TO THE MOJAVE DESERT AND SOUTHERN SIERRA BY NEXT WEEKEND.

&&

.UPDATE...ANOTHER WARM DAY IN STORE ACROSS THE MOJAVE DESERT ALTHOUGH TEMPERATURES WILL TOP OUT A COUPLE DEGREES COOLER THAN OBSERVED YESTERDAY. MAIN FORECAST CONCERN TODAY WILL BE THE ADVANCEMENT OF **SMOKE** FROM THE LAKE FIRE IN SOUTHERN CALIFORNIA. MORNING **VISIBLE SATELLITE IMAGERY** SHOWS A SOMEWHAT BETTER ORGANIZED **SMOKE** PLUME THAN OBSERVED THE PAST FEW DAYS DRIFTING NORTHEASTWARD. FORECAST TRAJECTORIES ADVANCE THIS **SMOKE** ACROSS CENTRAL AND EASTERN SAN BERNARDINO COUNTIES THIS MORNING AND INTO SOUTHERN NEVADA BY LATE THIS AFTERNOON. WHILE **SMOKE** WILL NOT BE THICK...A NOTICABLE INCREASE IN **HAZE** AND **PATCHY** LOFTED **SMOKE** IS LIKELY BY LATE IN THE DAY ACROSS SOUTHERN NEVADA. THE FORECAST IS IN GOOD SHAPE AND NO SIGNIFICANT UPDATES ARE PLANNED.

** truncated by PMF**

FXUS65 KVEF 222040

AFDVEF

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV

140 PM PDT MON JUN 22 2015

.SYNOPSIS...HOT AND DRY CONDITIONS WILL CONTINUE THROUGH THE WEEK WITH TEMPERATURES SLOWLY CLIMBING THROUGH FRIDAY. INCREASING CLOUDS ARE EXPECTED FRIDAY AND SATURDAY WITH THE THREAT FOR ISOLATED MOUNTAIN THUNDERSTORMS. CHANCES FOR STORMS INCREASE FURTHER SUNDAY INTO EARLY NEXT WEEK AS DEEPER MONSOONAL **MOISTURE** MOVES INTO THE AREA.

&&

.SHORT TERM...TODAY THROUGH WEDNESDAY NIGHT

HOT AND DRY CONDITIONS WILL BE THE RULE THROUGH WEDNESDAY AS HIGH PRESSURE SITS ACROSS THE FOUR CORNERS. TEMPERATURES WILL BE SLIGHTLY COOLER THAN OBSERVED THE PAST FEW DAYS THANKS TO SLIGHTLY REDUCED HEIGHTS AS THE HIGH HAS SHIFTED EASTWARD...BUT TEMPERATURES REMAIN SEVERAL DEGREES ABOVE SEASONAL NORMALS AND CREEP UPWARDS A DEGREE OR TWO EACH DAY. SOME PERIODIC HIGH CLOUD COVER IS EXPECTED TUESDAY AND WEDNESDAY AS DEBRIS CLOUDINESS FROM **THUNDERSTORM** COMPLEXES OVER NORTHERN MEXICO ROTATE AROUND THE HIGH AND LIFT ACROSS OUR REGION BUT OTHERWISE FAIR WEATHER IS EXPECTED.

IN ADDITION TO THE **HIGH CLOUDS**...AREAS OF LOFTED **SMOKE** WILL REMAIN POSSIBLE ESPECIALLY NEAR THE LAKE FIRE IN SAN BERNARDINO COUNTY.

OUTSIDE OF THE AREAS IN THE IMMEDIATE VICINITY OF THE FIRE...**SMOKE**
WILL GENERALLY BE LIGHT AND **PATCHY**.

FXUS65 KVEF 251623 RRA
AFDVEF

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE LAS VEGAS NV
920 AM PDT THU JUN 25 2015

.SYNOPSIS...HOT CONDITIONS WILL PERSIST THROUGH THE WEEKEND WITH HIGH TEMPERATURES RUNNING SEVERAL DEGREES ABOVE NORMAL. INCREASING **MOISTURE** WILL RESULT IN PERIODS OF CLOUD COVER WHICH WILL LEAD TO DAY TO DAY VARIATIONS IN THE TEMPERATURES. AN INCREASING CHANCE OF THUNDERSTORMS IS EXPECTED FOR THE HIGHER TERRAIN OVER THE WEEKEND...SPREADING ACROSS THE ENTIRE REGION EARLY NEXT WEEK.
&&

.UPDATE...MADE A FEW CHANGES TO THE FORECAST THIS MORNING. TEMPERATURES ACROSS MUCH OF THE REGION ARE RUNNING 2 TO 4 DEGREES ABOVE YESTERDAYS VALUES FOR THE SAME TIME...AND THIS MORNINGS **SOUNDING** INDICATES SOME SLIGHT ADDITIONAL WARMING. CONSIDERING LAS VEGAS WARMED TO 110 YESTERDAY...LOOKS LIKE WE WILL BE MAKING A RUN TOWARDS **EXCESSIVE HEAT** CRITERIA BY THIS AFTERNOON. THEREFORE I RAISED FORECAST HIGHS BY A DEGREE OR TWO FOR SOUTHERN NEVADA AND MUCH OF EASTERN CALIFORNIA THIS AFTERNOON AND HOISTED AN EXCESSIVE HEAT **WARNING** THROUGH SATURDAY FOR THE ENTIRE FORECAST AREA BELOW 4000 FEET.

CLOUD COVER WILL CONTINUE TO BE A FACTOR IN WHETHER OR NOT WE REACH CRITERIA EACH DAY...BUT THEY WILL ALSO HELP TO KEEP OUR NIGHTTIME TEMPERATURES ELEVATED...RESULTING IN LIMITED RELIEF OVERNIGHT. TEMPERATURES TODAY ALONG THE COLORADO RIVER WILL LIKELY STRUGGLE TO REACH VALUES OBSERVED YESTERDAY DUE TO SOME THICKER MID AND HIGH LEVEL CLOUD COVER...BUT MAY RISE HIGHER FRIDAY AND SATURDAY.

ALSO MADE SOME ADJUSTMENTS TO BETTER MATCH UP WITH **SMOKE** TRENDS FROM THE LAKE FIRE IN SOUTHERN CALIFORNIA. **SMOKE** PLUME AS SEEN ON VISIBLE SATELLITE IMAGERY EXTENDS NORTHWARD ACROSS CENTRAL SAN BERNARDINO COUNTY INTO INYO AND NYE COUNTIES. THIS TRAJECTORY WILL CONTINUE MUCH OF THE DAY BEFORE SHIFTING EASTWARD LATE THIS AFTERNOON AND DRIFTING INTO PARTS OF CLARK COUNTY.

-OUTLER-

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