Appendix A
Public Notification that a potential event was occurring
(40 CFR §50.14(c)(1)(i))

FIGURE A-1
NATIONAL WEATHER SERVICE PUBLIC ZONES

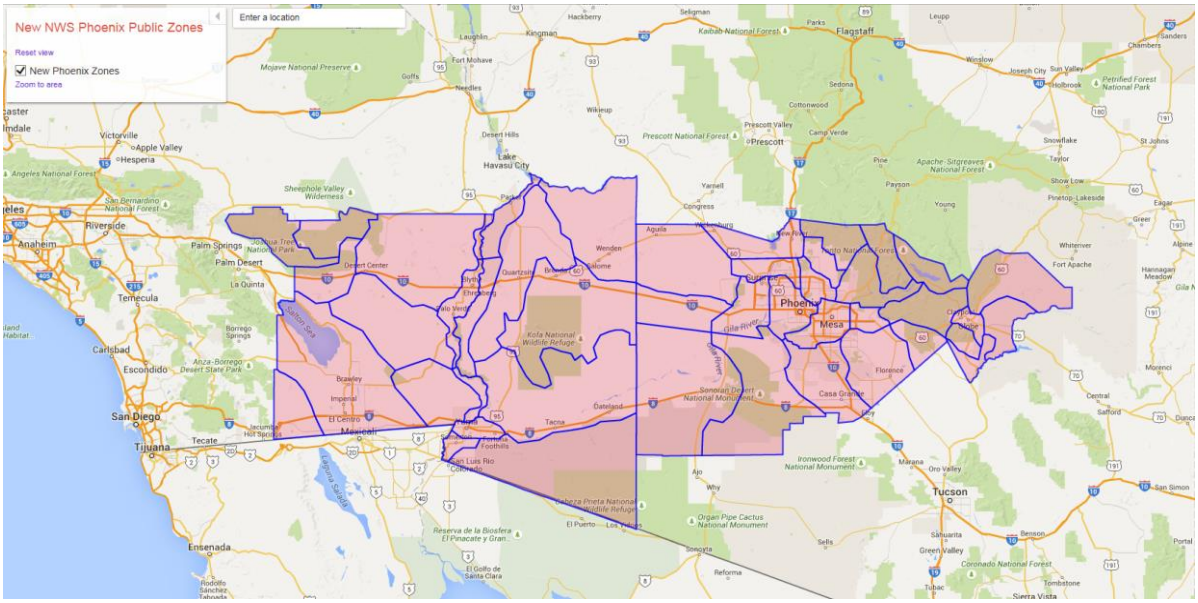

Fig A-1: Illustrates the public zones that are serviced by the National Weather Service Office in Phoenix. Imperial County, including southeast sections of Riverside County are part of the reporting public zone areas from the Phoenix office

FIGURE A-2
URGENT WEATHER MESSAGE FOR SAN DIEGO DESERTS (MAY 5, 2015)

2/28/2017 IEM :: NPW from NWS SGX

National Weather Service Raw Text Product

Displaying AFOS PIL: **NPWSGX** Received: **2015-05-05 20:42 UTC**

← Previous in Time

View All KSGX Products for 05 May 2015

Next in Time →

Latest Product | View As Image

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r
593
WWUS76 KSGX 052042
NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
142 PM PDT TUE MAY 5 2015

...PERIODS OF GUSTY WEST WINDS FOR THE DESERTS LATE WEDNESDAY
AFTERNOON THROUGH LATE THURSDAY NIGHT...

.A LOW PRESSURE SYSTEM OVER THE WESTERN STATES WILL MAINTAIN
STRONGER ONSHORE FLOW WITH PERIODS OF STRONGER GUSTY WEST WINDS
IN THE DESERTS LATE WEDNESDAY AFTERNOON THROUGH LATE THURSDAY
NIGHT. STRONGEST WINDS EACH DAY ARE EXPECTED FOR LATE AFTERNOON
THROUGH LATE EVENING.

CAZ060-062-065-060445-
/O.CON.KSGX.WI.Y.0017.150506T2300Z-150508T1000Z/
APPLE AND LUCERNE VALLEYS-SAN DIEGO COUNTY DESERTS-
SAN GORGONIO PASS NEAR BANNING-
142 PM PDT TUE MAY 5 2015

...WIND ADVISORY REMAINS IN EFFECT FROM 4 PM WEDNESDAY TO 3 AM
PDT FRIDAY...

* WINDS...AREAS OF WEST WINDS 20 TO 30 MPH WITH GUSTS TO 45 MPH.
  ISOLATED GUSTS TO 55 MPH...MAINLY IN THE NORTHERN COACHELLA
  VALLEY.

* TIMING...STRONGEST WINDS EACH DAY ARE EXPECTED FOR LATE
  AFTERNOON THROUGH LATE EVENING.

* VISIBILITY...LOCALLY REDUCED IN BLOWING SAND AND BLOWING DUST
  AT TIMES.

* IMPACTS...DRIVING COULD BE HAZARDOUS FOR PEOPLE DRIVING HIGH
  PROFILE VEHICLES.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH
PROFILE VEHICLES. USE EXTRA CAUTION.

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MAXWELL
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Fig A-2: The San Diego NWS office issued an Urgent Weather Message at 12:42pm (1:42 PDT) on May 5, 2017 describing a low pressure system maintaining over the western states causing periods of "stronger" gusty west winds in the deserts late Wednesday afternoon (May 6, 2015) through late Thursday (May 7, 2015) night. In addition, a wind advisory effective from 3:00pm (4:00 PDT) May 6, 2015 through 2:00am (3:00 PDT) May 8, 2015 was included. West winds of 20 to 30 mph with gusts to 45 mph and isolated gusts of 55 mph mainly within the northern Coachella valley were expected. Visibility was expected to be locally reduced due to blowing sand and blowing dust at times. Source: Iowa State University of Science and Technology, mesonet National Weather Service Raw Text Product

FIGURE A-3
FORECAST FOR SAN DIEGO MOUNTAINS (MAY 5, 2015)

2/28/2017 IEM :: ZFP from NWS SGX

OVERNIGHT. PATCHY FOG OVERNIGHT. COLDER. LOWS 30 TO 40. AREAS OF
WINDS WEST 15 TO 25 MPH WITH GUSTS TO 35 MPH. CHANCE OF
MEASURABLE PRECIPITATION 20 PERCENT.
.THURSDAY...PARTLY CLOUDY. SLIGHT CHANCE OF SHOWERS IN THE
MORNING...THEN CHANCE OF SHOWERS IN THE AFTERNOON. PATCHY FOG.
HIGHS 50 TO 60. SNOW LEVEL 7000 FEET...BECOMING 6000 FEET IN THE
AFTERNOON. AREAS OF WINDS WEST 15 TO 25 MPH. GUSTS TO 30 MPH...
BECOMING 40 MPH IN THE AFTERNOON. CHANCE OF MEASURABLE
PRECIPITATION 30 PERCENT.
.THURSDAY NIGHT...PARTLY CLOUDY WITH A CHANCE OF SHOWERS AND
SLIGHT CHANCE OF THUNDERSTORMS IN THE EVENING...THEN MOSTLY
CLOUDY WITH A CHANCE OF SHOWERS...SNOW SHOWERS AND SLIGHT CHANCE
OF THUNDERSTORMS OVERNIGHT. PATCHY FOG. LIGHT SNOW ACCUMULATIONS
POSSIBLE. LOWS 26 TO 36. SNOW LEVEL 6000 FEET. AREAS OF WINDS
WEST 20 TO 30 MPH. GUSTS TO 45 MPH...BECOMING 40 MPH OVERNIGHT.
CHANCE OF MEASURABLE PRECIPITATION 50 PERCENT.
.FRIDAY...PATCHY FOG IN THE MORNING. MOSTLY CLOUDY WITH A CHANCE
OF SHOWERS...SNOW SHOWERS AND SLIGHT CHANCE OF THUNDERSTORMS IN
THE MORNING...THEN PARTLY CLOUDY WITH A SLIGHT CHANCE OF SHOWERS
IN THE AFTERNOON. HIGHS 47 TO 56.
.FRIDAY NIGHT...PARTLY CLOUDY. SLIGHT CHANCE OF SHOWERS IN THE
EVENING. BREEZY. LOWS 28 TO 38.
.SATURDAY...PARTLY CLOUDY. WARMER. HIGHS 59 TO 69.
.SATURDAY NIGHT...PARTLY CLOUDY IN THE EVENING...BECOMING MOSTLY
CLEAR. LOWS 37 TO 47.
.SUNDAY...MOSTLY SUNNY. WARMER. HIGHS 69 TO 78.
.SUNDAY NIGHT...MOSTLY CLEAR. LOWS 40 TO 50.
.MONDAY...MOSTLY SUNNY. HIGHS 70 TO 79.
.MONDAY NIGHT...MOSTLY CLEAR. LOWS 39 TO 49.
.TUESDAY...MOSTLY SUNNY. HIGHS 69 TO 78.

$$

CAZ058-061145-
SAN DIEGO COUNTY MOUNTAINS-
200 PM PDT TUE MAY 5 2015

.TONIGHT...PARTLY CLOUDY IN THE EVENING...BECOMING MOSTLY CLOUDY.
PATCHY FOG OVERNIGHT. PATCHY DRIZZLE OVERNIGHT. COLDER. LOWS
34 TO 44. AREAS OF WINDS WEST 15 TO 25 MPH WITH GUSTS TO 30 MPH.
.WEDNESDAY...MOSTLY CLOUDY IN THE MORNING...BECOMING PARTLY
CLOUDY. PATCHY FOG IN THE MORNING. PATCHY DRIZZLE IN THE MORNING.
HIGHS 54 TO 64. AREAS OF WINDS WEST 15 TO 25 MPH. GUSTS TO
30 MPH.
.WEDNESDAY NIGHT...PARTLY CLOUDY IN THE EVENING...THEN MOSTLY
CLOUDY WITH A SLIGHT CHANCE OF SHOWERS OVERNIGHT. PATCHY FOG
OVERNIGHT. LOWS 31 TO 41. AREAS OF WINDS SOUTHWEST 20 TO 30 MPH.
GUSTS TO 35 MPH...BECOMING 40 MPH OVERNIGHT. CHANCE OF MEASURABLE
PRECIPITATION 20 PERCENT.
.THURSDAY...MOSTLY CLOUDY IN THE MORNING...BECOMING PARTLY
CLOUDY. SLIGHT CHANCE OF SHOWERS. PATCHY FOG. HIGHS 47 TO 55.
AREAS OF WINDS SOUTHWEST 20 TO 30 MPH WITH GUSTS TO 45 MPH.
CHANCE OF MEASURABLE PRECIPITATION 20 PERCENT.
.THURSDAY NIGHT...PARTLY CLOUDY WITH A SLIGHT CHANCE OF SHOWERS
AND THUNDERSTORMS IN THE EVENING...THEN MOSTLY CLOUDY WITH A
CHANCE OF SHOWERS AND SLIGHT CHANCE OF THUNDERSTORMS OVERNIGHT.
PATCHY FOG. LOWS 29 TO 39. AREAS OF WINDS SOUTHWEST 20 TO 30 MPH
WITH GUSTS TO 45 MPH. CHANCE OF MEASURABLE PRECIPITATION
50 PERCENT.
.FRIDAY...PATCHY FOG IN THE MORNING. MOSTLY CLOUDY WITH A CHANCE
OF SHOWERS AND SLIGHT CHANCE OF THUNDERSTORMS IN THE MORNING...
THEN PARTLY CLOUDY WITH A CHANCE OF SHOWERS IN THE AFTERNOON.
BREEZY. HIGHS 47 TO 54.
.FRIDAY NIGHT...PARTLY CLOUDY. CHANCE OF SHOWERS IN THE EVENING.
WINDY. LOWS 31 TO 41.
.SATURDAY...PARTLY CLOUDY. BREEZY...WARMER. HIGHS 58 TO 65.
.SATURDAY NIGHT...PARTLY CLOUDY IN THE EVENING...BECOMING MOSTLY
CLEAR. LOWS 39 TO 49.
.SUNDAY...MOSTLY SUNNY. WARMER. HIGHS 67 TO 74.
.SUNDAY NIGHT...MOSTLY CLEAR. LOWS 42 TO 52.
.MONDAY...MOSTLY SUNNY. HIGHS 69 TO 75.
.MONDAY NIGHT...MOSTLY CLEAR. BREEZY. LOWS 41 TO 51.
.TUESDAY...MOSTLY SUNNY. HIGHS 67 TO 74.

$$

CAZ060-061145-
APPLE AND LUCERNE VALLEYS-
200 PM PDT TUE MAY 5 2015

...WIND ADVISORY IN EFFECT FROM 4 PM WEDNESDAY TO 3 AM PDT

https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=ZFPSGX&e=201505052100 6/9

Fig A-3: The San Diego NWS office updated its extended forecast at 1:00pm (2:00 PDT) on May 5, 2017 identifying a slight chance of showers for May 6, 2015 and May 7, 2015 and a chance of evening thunderstorms. Southwest winds 20 to 30 mph with gusts to 35 to 45 mph. The chance for measurable precipitation was estimated at 50% for the evening of May 7, 2015. Source: Iowa State University of Science and Technology, mesonet National Weather Service Raw Text Product

FIGURE A-4
AREA FORECAST FOR PHOENIX (MAY 6, 2015)
PAGE 1


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672
FXUS65 KPSR 062217
AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
315 PM MST WED MAY 6 2015

.SYNOPSIS...
DRIER AND BREEZY CONDITIONS WILL PERSIST THROUGH THURSDAY BEFORE A
STRONG EASTERN PACIFIC WEATHER SYSTEM MOVES ACROSS THE SOUTHWEST
STATES ON FRIDAY. THE LOW PRESSURE SYSTEM WILL BRING STRONGER GUSTY
WINDS...COOLER TEMPERATURES...AND INCREASING PRECIPITATION CHANCES
THROUGH SATURDAY. A SLOW WARMING TREND COMMENCES LATE IN THE WEEKEND
INTO EARLY NEXT WEEK AS HIGH PRESSURE GRADUALLY REBUILDS OVER THE
DESERT SOUTHWEST.

&&

.DISCUSSION...
AFTERNOON SATELLITE IMAGERY SHOWS PLENTY OF MID LEVEL CLOUDS OVER
THE NORTHERN TWO THIRDS OF ARIZONA...LOTS OF FLOCCUS AND SOME MODEST
BUILD UPS...BUT SO FAR LIGHTNING HAS ONLY BEEN OBSERVED OVER
NORTHWEST NM. THE WEAK SHORT WAVE CONTINUES TO GRADUALLY EXPAND A
LARGER TROUGH OVER THE DESERT SOUTHWEST...ALLOWING THE NEXT UPPER
LEVEL LOW TO BEGIN TO DROP SOUTH ACROSS THE PACIFIC NORTHWEST.

MODELS ARE IN GOOD AGREEMENT THAT THE LOW WILL CLOSE OFF BY THURSDAY
AFTERNOON...THE 549-552DM CENTER TO POSITION JUST NORTH OF THE LOS
ANGELES AREA. THE LOW WILL THEN TRACK EAST AND BEGIN TO WEAKEN...THE
555-558DM CENTER GENERALLY OVER SOUTHERN NV/NW ARIZONA BY FRIDAY
AFTERNOON.

CURRENTLY THE SURFACE GRADIENT HAS ALREADY BECOME ENHANCED/TIGHTENED
FROM THE APPROACHING LOW...AND THIS WILL STRENGTHEN THE WINDS FOR
LOCALLY BREEZY CONDITIONS THIS EVENING. STRONGER GUSTY WINDS ARE
EXPECTED THURSDAY AFTERNOON AND EVENING...MAINLY ACROSS SOUTHEAST
CALIFORNIA NEAR KIPL WHERE GUSTS IN EXCESS OF 35 MPH WILL BE
POSSIBLE FOR SEVERAL HOURS. BLOWING DUST IS POSSIBLE...BUT NOT
WIDESPREAD AREAL COVERAGE...JUST MORE ISOLATED TO DUST PRONE AREAS.

AS THE LOW BEGINS TO SHIFT EAST FRIDAY AFTERNOON...THE UPPER LEVEL
JET/250MB 80-100KT ENERGY BEGINS TO NOSE ACROSS SOUTHERN CALIFORNIA
INTO ARIZONA...AND SOME MODEST AMOUNTS OF MOISTURE ARE IMPORTED INTO
THE REGION. HOWEVER...RIGHT NOW IT APPEARS THAT THE BEST MOISTURE
AND DYNAMICS ASSOCIATED WITH THE SYSTEM WILL REMAIN NORTH OF OUR
FORECAST AREA. SO...ONLY SLIGHT CHANCES OF SHOWERS/THUNDERSTORMS ARE
FORECAST FOR ANY AREA OF OUR CWA FRIDAY INTO SATURDAY. IF THE LOW
SAGS A BIT FARTHER SOUTH AND HAS A BETTER FETCH OF MOISTURE THAT
ACCOMPANIES THE 850-700MB WINDS...POSSIBLY PRECIPITATION CHANCES
WILL IMPROVE. THE VARIOUS RUNS OF THE GFS SEEM TO INTRODUCE MORE
MOISTURE...AND CARRY HIGHER POP/QPF AMOUNTS...BUT RUN TO RUN
CONTINUITY IS LACKING. UNSEASONABLY COOL AIR WILL MOVE IN WITH THE
STORM SYSTEM WITH 850MB TEMPERATURES DROPPING TO AROUND 12C ON
FRIDAY...AND THIS WILL KNOCK DOWN OUR TEMPERATURES AS LOW AS 15
DEGREES BELOW NORMAL FRIDAY AND SATURDAY...WITH HIGHS TOPPING OUT IN
THE MID-UPPER 70S BOTH DAYS.

THE UPPER LOW WILL STILL AFFECT ARIZONA INTO EARLY SATURDAY WITH A
TRAILING VORTICITY LOBE FORECAST TO SWING THROUGH SOUTH-CENTRAL AND
EASTERN ARIZONA BETWEEN 12-18Z. THIS WILL LIKELY SPARK OFF
ADDITIONAL SHOWERS AND POTENTIALLY SOME THUNDERSTORMS UNDER STEEP
MID LEVEL LAPSE RATES. AFTER 18Z SATURDAY...SUBSIDENCE ALOFT WILL
QUICKLY TAKE OVER FROM WEST TO EAST WITH SKIES CLEARING AND ONLY A
SLIGHT CHANCE OF SOME LINGERING SHOWERS OVER OUR EASTERN HIGH
TERRAIN AREAS.

SUNDAY INTO EARLY NEXT WEEK WILL TRANSITION BACK INTO MORE NORMAL
CONDITIONS WITH WEAK RIDGING ALOFT TAKING OVER AND TEMPERATURES
WARMING BACK TOWARD NORMAL STARTING NEXT MONDAY. WILL BE WATCHING
ANOTHER POTENTIAL STORM SYSTEM FOR THE MIDDLE OF NEXT WEEK DROPPING
OUT OF THE NORTHERN PACIFIC...BUT AT THIS TIME BOTH THE GFS AND
EUROPEAN KEEP IT WELL TO OUR NORTH.

&&

.AVIATION...
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...
SOUTHEAST CALIFORNIA AND SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...
```

FIGURE A-4
AREA FORECAST FOR PHOENIX (MAY 6, 2015)
PAGE 2

2/28/2017 IEM :: AFD from NWS PSR

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AS AN AREA OF LOW PRESSURE MOVES EAST ACROSS CENTRAL ARIZONA THIS
WILL LEAD TO LOCALLY BREEZY TO WINDY CONDITIONS OVER THE NEXT 24
HOURS FOR ALL TAF LOCATIONS LISTED ABOVE.

FOR CENTRAL ARIZONA SITES...EXPECTING A PREDOMINANT SOUTHERLY
COMPONENT THROUGH MID AFTERNOON 06 MAY BEFORE SWINGING WESTERLY JUST
BEFORE 00Z 07 MAY. WINDS WILL LIKELY REMAIN FROM THE WEST OVERNIGHT
AND INTO THURSDAY MORNING. WIND SPEEDS ELEVATED WITH GUSTS AROUND 20-
25 KTS WILL LINGER THROUGH 06Z 07 MAY.

FOR SOUTHEAST CALIFORNIA...WINDS WILL HOLD A WESTERLY AND SOUTHERLY
DIRECTION AT IPL AND BLH RESPECTIVELY AND SEE BREEZY TO WINDY GUSTS
20-25 KTS THROUGH LATE EVENING TONIGHT.

&&

.FIRE WEATHER...
SATURDAY THROUGH WEDNESDAY...
AN AREA OF LOW PRESSURE WILL CONTINUE TO MOVE EAST...LEAVING MUCH
COOLER TEMPERATURES AND HIGHER HUMIDITY LEVELS ACROSS THE FORECAST
AREA...WITH ISOLATED SHOWERS AND THUNDERSTORMS LINGERING OVER THE
HIGHER TERRAIN OF SOUTH-CENTRAL ARIZONA SATURDAY AFTERNOON/EVENING.
THE TREND CHANGES SUNDAY THROUGH TUESDAY...HIGH PRESSURE ALOFT WILL
BUILD BACK INTO THE AREA FROM THE WEST...RESULTING IN A DRYING AND
WARMING TREND ALONG WITH LESS WIND. MINIMUM RH VALUES WILL LOWER
INTO THE TEENS SUNDAY...THEN FALL BELOW 15 PERCENT EARLY NEXT WEEK
WITH THE DRIER DESERTS SEEING SOME AREAS WITH SINGLE DIGIT
HUMIDITIES. HIGH TEMPERATURES OVER THE DESERTS MONDAY AND TUESDAY
WILL RISE MOSTLY INTO THE LOWER 90S.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...
AZ...NONE.
CA...NONE.
&&

$$

VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...MEYERS/KUHLMAN
AVIATION...CDEWEY
FIRE WEATHER...MEYERS/CB
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Fig A-4: The Phoenix NWS office issued its area forecast at 2:15pm (3:15 PDT/MST) on May 6, 2017 identifying a weak short wave gradually expanding a larger trough over the desert southwest. The discussion identified a strengthening of the winds with stronger gusty winds expected Thursday, May 7, 2015 in the afternoon. The possibility of blowing dust was briefly discussed. Source: Iowa State University of Science and Technology, mesonet National Weather Service Raw Text Product

FIGURE A-5
SMOKE/DUST TEXT PRODUCT (MAY 6, 2015)

2/28/2017 Smoke Text Product - Satellite Services Division

Thursday, May 7 2015

DESCRIPTIVE TEXT NARRATIVE FOR SMOKE/DUST OBSERVED IN SATELLITE IMAGERY THROUGH 0245Z May 07, 2015

Illinois/Indiana/Ohio:
An area of aerosol is currently swirling across Illinois extending into Indiana and Ohio. The aerosol is believed to be a combination of remnant smoke and sulfates; while much of the western portion of the aerosol specifically over Illinois is believed to consist mostly of remnant smoke from fires occurring in the southern U.S, much of the eastern portion of the aerosol is likely to consist of mostly sulfates.

Southeastern Ontario/Southern Quebec/Northeastern U.S:
The area of remnant smoke and dust mentioned earlier stretching from south central Canada into the northeastern U.S has continued to move southward into far southeastern Ontario/far southern Quebec and into the northeastern U.S. extending out eastward over the Gulf of Maine and southern Nova Scotia. An embedded area of moderate density smoke is seen over new York/Vermont/New Hampshire/southern Maine and over the Gulf of Maine.

California/Southwestern Nevada/Southern Arizona:
An area of aerosol remains drifting slowly to the south over central/southern California extending to the east into southern Arizona as well as into southwestern Nevada. This aerosol is believed to mostly consist of remnant Asian smoke/dust. The full extent of this aerosol is difficult to discern with the cloud coverage across much of the western U.S.

Southern California:
An small area of blowing dust is seen across far southern California due to relatively strong winds near the surface. This area is to the south of the Salton Sea, originating close to the Anza-Borrego Desert State Park.

Northwest Canada:
An area of aerosols remains over Alberta and Northwest Territories drifting eastward into northwestern Saskatchewan. This aerosol is believed to consist of Asian smoke.

Heeps

From earlier:
South Central to Southeast Canada/Northeast US:
A plume consisting of remnant smoke and dust is seen stretching eastward from south central Canada east and southeast across portions of Ontario/Quebec and the Northeastern US states out across southern Nova Scotia and the Northern Atlantic. The smoke component is believed to be a mixture from fires in Manitoba/Saskatchewan/North Central US (mostly over south central Canada) and remnant smoke from Asian fire activity (seen from just south of Hudson Bay to the North Atlantic).

California/Nevada/southeast Oregon/Idaho/Montana:
A area of aerosol extends northeastward across central California/Nevada and becomes more diffuse over southeast Oregon/Idaho/western Montana. Some of this aerosol is thought to be thin remnant Asian smoke particularly over south/central California. It is believed that if clouds were not over east Montana/southern Saskatchewan, that this area of aerosols would connect with the plume seen over the rest of southern Canada.

Missouri/Illinois/East Iowa:
An area of thin remnant smoke is seen stretching north from extreme

http://www.ssd.noaa.gov/PS/FIRE/DATA/SMOKE/2015/2015E070238.html 1/2

Fig A-5: The Smoke Text Product issued by NOAA's Satellite Service Division (7:45 PDT May 6, 2015) identified local and regional Asian smoke/dust within California/Southwestern Nevada and Southern Arizona. The local blowing dust is seen as caused by "relatively strong winds near the surface" originating close to the Anza-Borrego Desert State Park. Source: http://www.ssd.noaa.gov/PS/FIRE/DATA/SMOKE/2015/2015E070238.html

FIGURE A-6
AREA FORECAST FOR SAN DIEGO (MAY 6, 2015)
PAGE 1

9/7/2017 IEM :: AFD from NWS SGX

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360
FXUS66 KSGX 070434
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
930 PM PDT WED MAY 6 2015

.SYNOPSIS... A DEEP LOW PRESSURE SYSTEM WILL BRING COLDER WEATHER
THURSDAY AND FRIDAY ALONG WITH SCATTERED SHOWERS AND ISOLATED
THUNDERSTORMS. GUSTY WEST WINDS WILL CONTINUE IN THE MOUNTAINS AND
DESERTS. CONTINUED COOL SATURDAY...THEN DRY AND WARMER SUNDAY AND
MONDAY WITH WEAK HIGH PRESSURE ALOFT.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...
SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO
COUNTIES...

A DEEP 550 DM CLOSED LOW OVER OREGON THIS EVENING WILL MOVE RAPIDLY
SOUTHWARD TONIGHT AIDED BY A POWERFUL 110 KT JET STREAM. BY THURSDAY
AFTERNOON IT WILL BE OVER CENTRAL CALIFORNIA AND INTENSIFY INTO A
548 DM LOW. AREAS OF LIGHT RAIN MAY BEGIN IN SO-CAL TONIGHT AND
CONTINUE THROUGH THURSDAY AS THE MOIST LAYER CONTINUES TO DEEPEN
INCREASING ONSHORE FLOW. THE BEST CHANCES FOR SHOWERS AND
THUNDERSTORMS WILL BE THURSDAY AFTERNOON THROUGH FRIDAY WHEN PVA IS
OPTIMIZED AND THE 500 MB COLD POOL DESCENDS OVER SO-CAL. BOUNDARY
LAYER MOISTURE DEEPENS TO AROUND 8000 FEET THURSDAY NIGHT...BRIEFLY
SPIKING ABOVE 10KFT FRIDAY MORNING. PRECIPITATION IS BECOMING MORE
OF A CERTAINTY WITH THIS STORM AND POPS WERE RAISED IN THE EVENING
UPDATE.

STORMS OF THIS NATURE PRODUCE HIGHLY VARIABLE PRECIPIATION TOTALS.
THE GREATEST PRECIP TOTALS WILL LIKELY BE OVER THE FOOTHILLS AND THE
WEST FACING MTNS SLOPES WHERE ENHANCED OROGRAPHICS WILL PRODUCE 1-2"
IN SOME AREAS. PRECIP TOTALS WEST OF THE MOUNTAINS WILL VARY QUITE A
BIT...RANGING FROM 0.10"-0.33"...WITH A 0.50-0.75" OR MORE IN THOSE
AREAS BENEATH THE STRONGER CELLS. THE LOWER DESERTS WILL NOT SEE
MUCH PRECIP FROM THIS SYSTEM SINCE MOST OF PRECIP WILL BE WRUNG OUT
OVER THE MOUNTAINS...AND ONLY A TRACE TO A TENTH OF AN INCH IS
EXPECTED. SNOW LEVELS WILL LOWER TO AROUND 5500 FEET IN SAN
BERNARDINO COUNTY AND MT SAN JACINTO WHERE A FEW INCHES OF SNOW
COULD ACCUMULATE.

A SECOND WEAKER SHORTWAVE TRAILING THE MAIN VORT MAX WILL SWEEP
ACROSS SO-CAL FRIDAY EVENING. COLD INSTABILITY SHOWERS AND ISLAND
BANDING IS POSSIBLE IN SAN DIEGO COUNTY FRIDAY NIGHT.

FRIDAY WILL BE A COLD DAY WITH HIGHS IN THE LOW TO MID 60S WEST OF
THE MOUNTAINS...THE 30-40S IN THE MTNS...AND THE LOW 70S IN THE
LOWER DESERTS. SOME RECORD LOW MAXIMUM TEMPERATURES MAY BE BROKEN.

SATURDAY WILL BE A MOSTLY DRY AND COOL DAY IN COLD NORTHWEST FLOW
BEHIND THE DEPARTING LOW. WARMER SUNDAY AND MONDAY WITH WEAK HIGH
PRESSURE OVER THE SOUTHWEST. ANOTHER TROUGH WILL BRING COOLING AND A
DEEPER MARINE LAYER TUESDAY.

&&

.AVIATION...

070400Z...COAST/VALLEYS...WIDESPREAD STRATUS WILL CONTINUE OVER THE
COASTAL BASIN THROUGH THU WITH LAYERS FROM NEAR 2500 FT MSL TO 5500
FT MSL. VIS GENERALLY UNRESTRICTED...EXCEPT OCCASIONALLY FOR LOCAL
TERRAIN ABOVE 2000...AND LOCALLY IN POSSIBLE LIGHT RAIN SHOWERS
OVERNIGHT. LOW TO MODERATE CONFIDENCE IN CIG HEIGHTS AND TIMING IN
THE TAFS DUE TO POSSIBLE LIGHT RAIN SHOWERS AND DISCONTINUOUS TRENDS
IN COVERAGE OF THE VARIOUS LAYERS.

MTS/DESERTS...CLEAR SKIES WITH UNRESTRICTED VIS...EXCEPT THE COASTAL
SLOPES WHICH WILL BE LARGELY OBSCURED IN CLOUDS. WEST WINDS OF 20-30
KTS WITH HIGHER GUSTS OVER THE RIDGES...ALONG THE DESERT SLOPES...
AND LOCALLY INTO THE DESERTS WILL CREATE AREAS OF UP/DOWN DRAFTS AND
LLWS OVER AND EAST OF THE MTS. STRONGEST WEST WINDS OF 30-40KT WITH
GUSTS OF AROUND 50 KT WILL CONTINUE THROUGH AND BELOW THE SAN
GORGONIO PASS...NORTH OF PALM SPRINGS.

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https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=AFDSGX&e=201505070430 2/3

FIGURE A-6
AREA FORECAST FOR SAN DIEGO (MAY 6, 2015)
PAGE 2

9/7/2017 IEM :: AFD from NWS SGX

.MARINE...

900 PM...THERE IS A CHANCE OF THUNDERSTORMS AND ISOLATED CLOUD-TO-WATER LIGHTNING STRIKES OVER THE COASTAL WATERS THURSDAY NIGHT INTO EARLY FRIDAY. OTHERWISE...NO HAZARDOUS MARINE WEATHER IS EXPECTED THROUGH MONDAY.

&&

.BEACHES...

900 PM...SURF HAS GRADUALLY SUBSIDED TODAY ALONG WITH A FADING SOUTHWEST SWELL. THE SOUTH SWELL WILL CONTINUE TO FADE THROUGH THU...ALONG WITH THE VERY STRONG THE RIP CURRENTS...ESPECIALLY IN ORANGE COUNTY. A SHORTER-PERIOD WEST SWELL WILL FILL IN AND KEEP THE SURF MODERATE ALONG THE SAN DIEGO COUNTY COAST ON THU. FOR SURF DETAILS SEE THE SURF ZONE FORECAST (LAXSRFSGX).

&&

.SKYWARN...
SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...WIND ADVISORY UNTIL 3 AM PDT FRIDAY FOR THE APPLE AND LUCERNE VALLEYS-SAN DIEGO COUNTY DESERTS-SAN GORGONIO PASS NEAR BANNING.

PZ...NONE.

&&

$$

PUBLIC...MOEDE
AVIATION/MARINE/BEACHES...JAD

IOWA STATE UNIVERSITY
College of Ag
Department of Agronomy

Fig A-6: The San Diego NWS office updated its forecast at 8:30pm (9:30 PDT) on May 6, 2017 identifying the area where the greatest precipitation totals would likely occur. Among the identified areas the area forecast discussion explained that the lower deserts would not see much precipitation because the mountains would get most of the rain. This is area discussion is the first discussion to mention snow around 5500 feet. Finally, the second page recapped the "SGX Watches/Warnings/Advisories" wind advisory in effect till 2:00am (3:00 PDT) Friday May 8, 2015 which included the San Diego County deserts. Source: Iowa State University of Science and Technology, mesonet National Weather Service Raw Text Product

FIGURE A-7
AREA FORECAST FOR SAN DIEGO (MAY 7, 2015)
PAGE 1

9/7/2017 IEM :: AFD from NWS SGX

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158
FXUS66 KSGX 070951
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
250 AM PDT THU MAY 7 2015

.SYNOPSIS...
A DEEP LOW PRESSURE SYSTEM WILL BRING CLOUDY AND COLDER
WEATHER THURSDAY AND FRIDAY...ALONG WITH SCATTERED SHOWERS AND
ISOLATED THUNDERSTORMS. GUSTY WEST WINDS WILL CONTINUE IN THE
MOUNTAINS AND DESERTS. CONTINUED COOL SATURDAY...THEN DRY AND WARMER
SUNDAY AND MONDAY WITH WEAK HIGH PRESSURE ALOFT. COOLER...UNSETTELED
WEATHER COULD RETURN FOR THE SECOND HALF OF NEXT WEEK.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...
SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO
COUNTIES...

THIS MORNING...A LOW PRESSURE SYSTEM IS MOVING STEADILY SOUTHWARD
ACROSS NORTHERN CALIFORNIA...AND SHOULD ARRIVE IN SOCAL BY THIS
EVENING. AHEAD OF THE LOW...STRONG WEST WINDS WILL CONTINUE OVER THE
MTNS AND ADJACENT DESERT AREAS. WIND GUSTS OF 45 MPH ARE EXPECTED AT
TIMES AND GUSTS TO 55 MPH ARE POSSIBLE IN THE MORE WIND-PRONE
LOCATIONS.

AS THE LOW APPROACHES AND HEIGHTS FALL...THE MARINE LAYER WILL
CONTINUE TO DEEPEN AND COULD BRING ISOLATED SPRINKLES OR LIGHT
SHOWERS OVER AND WEST OF THE MTNS DURING THE DAY TODAY. AS THE LOW
MOVES INTO SOCAL THIS EVENING THROUGH FRI MORNING...A COMBINATION OF
COLD AIR INSTABILITY...DYNAMIC FORCING AND MODEST MOISTURE WILL
BRING THE BEST CHANCES FOR MORE WIDESPREAD SHOWERS ALONG WITH THE
POTENTIAL FOR TSTMS. ANY TSTMS THAT DEVELOP COULD PRODUCE
BRIEF...LOCALLY HEAVY DOWNPOURS AND SMALL HAIL.

DUE TO THE SHOWERY NATURE OF THE PRECIPITATION...AMOUNTS WILL BE
HIGHLY VARIABLE. THE GREATEST PRECIP TOTALS WILL LIKELY BE OVER THE
FOOTHILLS AND THE WEST FACING MTNS SLOPES WHERE ENHANCED OROGRAPHICS
WILL PRODUCE 1-2 INCHES IN SOME AREAS. TOTALS WEST OF THE MTNS WILL
GENERALLY RANGE FROM 0.10 INCH TO 0.33 INCH...WITH 0.5 TO 0.75 INCH
POSSIBLE DURING HEAVIER SHOWERS. THE LOWER DESERTS CAN EXPECT ONLY A
TRACE TO 0.10 INCH.

AS THE COLDEST AIR MOVES IN TONIGHT...SNOW LEVELS COULD LOWER TO
AROUND 5000 FEET IN THE SAN BERNARDINO MTNS AND ON MT SAN JACINTO.
SEVERAL INCHES OF SNOW COULD ACCUMULATE IN AREAS ABOVE 6000 FT.

EXPECT DAYTIME TEMPERATURES 5-10 DEGREES BELOW SEASONAL AVERAGES IN
MOST AREAS THROUGH SAT.

SHOWERS COULD LINGER INTO SAT MORNING...BEFORE TAPERING OFF AS THE
LOW MOVES EAST.

DRY AND WARMER FOR SUN AND MON AS A WEAK...TRANSITORY RIDGE OF HIGH
PRESSURE MOVES IN FROM THE WEST.

COOLER AGAIN WITH INCREASING CLOUDS FOR TUE THROUGH THU AS ANOTHER
LOW PRESSURE SYSTEM MOVES IN FROM THE NW.

&&

.AVIATION...

070935Z...OVC-BKN STRATUS...WITH BASES GENERALLY 3000-4000 FT MSL
AND TOPS 5000-7000 FT MSL...WILL CONTINUE TO COVER THE
COAST...VALLEY...AND MOST OF THE COASTAL MTN SLOPES...PASSES AND
RIDGE-TOPS THROUGH FRIDAY MORNING. BASES OCCASIONALLY WILL FALL TO
1500-2000 FT MSL...PARTICULARLY WHERE SHOWERS OCCUR. VIS 3-5 SM
POSSIBLE UNDERNEATH SHOWERS...WITH LOCAL VIS AOB 1 SM WHERE CLOUDS
INTERSECT TERRAIN. EMBEDDED ISOL LIGHT SHOWERS POSSIBLE THROUGH
08/0300 UTC...WITH SHOWERS INCREASING IN COVERAGE AFTER 08/0300
UTC...AND THE POSSIBILITY OF THUNDERSTORMS AS WELL. CB TOPS TO 30000-
35000 FT MSL. THUNDERSTORMS MAY PRODUCE SMALL
HAIL...DOWNDRAFTS...AND LOCAL VIS AOB 1 SM. MTN OBSCURATION OF
COASTAL SLOPES WILL CONTINUE. DESERTS WILL HAVE MOSTLY UNRESTRICTED
VIS AND SKC THROUGH FRIDAY MORNING...EXCEPT THE HIGH DESERTS MAY GET
SOME SHOWERS FRIDAY MORNING...AND SOME LOCALLY LOWER VIS IN BLDU
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https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=AFDSGX&e=201505070950 2/3

FIGURE A-7
AREA FORECAST FOR SAN DIEGO (MAY 7, 2015)
PAGE 2

9/7/2017 IEM :: AFD from NWS SGX

WILL BE POSSIBLE IN THE LOWER DESERTS.

WEST WINDS OF 20-30 KTS WITH GUSTS 35-45 KT OVER THE MTN RIDGES...THROUGH AND BELOW PASSES/CANYONS...ALONG THE DESERT SLOPES...AND LOCALLY INTO THE ADJACENT DESERTS WILL CREATE AREAS OF STG UDDFS/LLWS OVER AND EAST OF THE MTNS THROUGH FRIDAY MORNING. 30 KT WNW WIND GUSTS ARE LIKELY FOR KPSP AND KTRM FOR MOST OF TODAY.

&&

.MARINE...

235 AM...THERE IS A CHANCE OF THUNDERSTORMS WITH ISOLATED CLOUD-TO-WATER LIGHTNING STRIKES OVER THE COASTAL WATERS THURSDAY NIGHT INTO EARLY FRIDAY AS A TROUGH OF LOW PRESSURE BRINGS AN UNSTABLE ATMOSPHERE TO THE AREA. SEE THE MARINE WEATHER STATEMENT FOR MORE DETAILS. NO HAZARDOUS MARINE WEATHER IS EXPECTED SATURDAY THROUGH MONDAY.

&&

.SKYWARN...
SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...WIND ADVISORY UNTIL 3 AM PDT FRIDAY FOR THE APPLE AND LUCERNE
VALLEYS-SAN DIEGO COUNTY DESERTS-SAN GORGONIO PASS NEAR BANNING.

PZ...NONE.

&&

$$

PUBLIC...PG
AVIATION/MARINE/BEACHES...HARRISON

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Fig A-7: The San Diego NWS office issued its area forecast at 1:50am (2:50 PDT) on May 7, 2017 identifying the arrival of a low pressure system the evening of the May 7, 2015. Ahead of the system strong west winds would continue over the mountains and adjacent deserts. 45 to 55 mph wind gusts were expected. The area discussion, like previous discussions, reported precipitation levels throughout the mountains with the lower deserts receiving a trace amounts. Finally, the wind advisory remained in effect till 2:00am (3:00 PDT) Friday, May 8, 2015. Source: Iowa State University of Science and Technology, mesonet National Weather Service Raw Text Product

FIGURE A-8
URGENT WEATHER MESSAGE FOR PHOENIX (MAY 7, 2015)

2/28/2017 IEM :: NPW from NWS PSR

National Weather Service Raw Text Product

Displaying AFOS PIL: **NPWPSR** Received: **2015-05-07 10:06 UTC**

← Previous in Time

View All KPSR Products for 07 May 2015

Next in Time →

Latest Product | View As Image

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244
WWUS75 KPSR 071006
NPWPSR

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
306 AM MST THU MAY 7 2015

CAZ030-032-033-080500-
/O.NEW.KPSR.WI.Y.0005.150507T2200Z-150508T0500Z/
JOSHUA TREE NATIONAL PARK-RIVERSIDE COUNTY/EASTERN DESERTS-
IMPERIAL COUNTY-
INCLUDING THE CITIES OF...COTTONWOOD VISITOR CENTER...KEYS VIEW...
LOST HORSE...CHIRIACO SUMMIT...DESERT CENTER...EAGLE MOUNTAIN...
BRAWLEY...CALEXICO...EL CENTRO...GLAMIS...IMPERIAL...
THE SALTON SEA
306 AM MST THU MAY 7 2015

...WIND ADVISORY IN EFFECT FROM 3 PM THIS AFTERNOON TO 10 PM PDT
THIS EVENING...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A WIND
ADVISORY...WHICH IS IN EFFECT FROM 3 PM THIS AFTERNOON TO 10 PM
PDT THIS EVENING.

* AFFECTED AREA...SOUTHEAST CALIFORNIA...INCLUDING EL CENTRO
  ...DESERT CENTER...JOSHUA TREE NATIONAL PARK AND ADDITIONAL
  LOCATIONS ALONG THE INTERSTATE 8 AND 10 CORRIDORS.

* TIMING...LATE THIS AFTERNOON THROUGH MID EVENING.

* WINDS...WEST SOUTHWEST 25 TO 30 MPH WITH GUSTS 40 TO 45 MPH.

* IMPACTS...STRONG GUSTS WILL CREATE HAZARDOUS CROSSWINDS AND THE
  POTENTIAL FOR LOCALLY REDUCED VISIBILITIES DUE TO BLOWING DUST AND
  SAND. TRAVEL ALONG NORTH TO SOUTH ORIENTED ROADWAYS AND THROUGH
  AREA MOUNTAIN PASSES AND GAPS MAY BE DIFFICULT AT TIMES.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

&&

$$
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Fig A-8: The Phoenix NWS office issued an Urgent Weather Message at 2:06am (3:06 PDT/MST) on May 7, 2017 identifying a wind advisory in effect from 2:00pm (3:00 PDT/MST) to 9:00pm (10:00 PDT/MST) Thursday, May 7, 2015. Strong gusts were expected to create hazardous crosswinds with the potential for reduced local visibility due to blowing dust and sand. Source: Iowa State University of Science and Technology, mesonet National Weather Service Raw Text Product

FIGURE A-9
AREA FORECAST FOR PHOENIX (MAY 7, 2015)
PAGE 1

2/28/2017 IEM :: AFD from NWS PSR

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r
057
FXUS65 KPSR 071030
AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
330 AM MST THU MAY 7 2015

.SYNOPSIS... DRIER AND BREEZY CONDITIONS WILL PERSIST TODAY BEFORE A
STRONG EASTERN PACIFIC WEATHER SYSTEM MOVES ACROSS THE SOUTHWEST
STATES ON FRIDAY. IT WILL BE WINDY THIS EVENING OVER SOUTHEAST
CALIFORNIA. THE LOW PRESSURE SYSTEM WILL BRING STRONGER GUSTY
WINDS...COOLER TEMPERATURES...AND INCREASING PRECIPITATION CHANCES
THROUGH SATURDAY. A SLOW WARMING TREND COMMENCES LATE IN THE WEEKEND
INTO EARLY NEXT WEEK AS HIGH PRESSURE GRADUALLY REBUILDS OVER THE
DESERT SOUTHWEST.

&&

.DISCUSSION...

EARLY THIS MORNING A DRIER SOUTHWEST FLOW ALOFT WAS SITUATED ACROSS
SERN CA AND ARIZONA...AND IR IMAGERY AT 3 AM SHOWED GENLY CLEAR
SKIES ACROSS THE AREA. THE TRANQUIL WEATHER SEEN TONIGHT WILL BE
CHANGING SOMEWHAT OVER THE NEXT COUPLE OF DAYS OR SO AS A LARGE
UPPER LEVEL CLOSED LOW DEVELOPS ALONG THE CA COAST...AND THEN SWINGS
EAST ACROSS THE DESERT SOUTHWEST FRIDAY INTO SATURDAY BRINGING A
THREAT OF SHOWERS OR THUNDERSTORMS ALONG WITH MUCH COOLER
TEMPERATURES. SHORT RANGE MODELS HAVE EXHIBITED A HIGH DEGREE OF
CONSISTENCY WITH THE FORECAST THROUGH SATURDAY...AND IN GENERAL THIS
SYSTEM APPEARS TO BE ON THE DRY SIDE FOR SOUTHERN ARIZONA...TYPICAL
FOR THIS TIME OF YEAR...WITH BIGGER IMPACTS EXPECTED TO BE WINDS
ALONG WITH SHARPLY COOLER HIGH TEMPERATURES.

FOR TODAY...AS THE LOW DEVELOPS AND DIVES SOUTHEASTWARD ALONG THE
CALIFORNIA COAST...INCREASING SOUTHERLY FLOW WILL AFFECT THE LOWER
DESERTS OF AZ...AND THERE MAY BE SOME INCREASE IN LOW CLOUDS AS
MOISTURE STARTS FEEDING IN FROM THE SOUTH. NO PRECIP IS EXPECTED BUT
IT WILL BE LOCALLY BREEZY DURING THE AFTERNOON...AND TEMPS WILL
START TO FALL OFF...DROPPING INTO THE MID 80S OVER SOUTH CENTRAL AZ
AND EVEN INTO THE 70S OVER PORTIONS OF SOUTHEAST CALIFORNIA. THERE
MAY BE A SLIGHT CHANCE FOR SHOWERS DEVELOPING OVER THE WESTERN
PORTIONS OF JOSHUA TREE NP AS THE DAY WEARS ON. GUSTY WEST WINDS ARE
EXPECTED ACROSS MUCH OF SOUTHEAST CALIFORNIA LATER THIS AFTERNOON
AND THROUGH THE EVENING HOURS...ESPECIALLY FAVORED AREAS OF IMPERIAL
COUNTY AND HIGHER ELEVATIONS OF JOSHUA TREE NP. AS SUCH WE WILL
ISSUE A WIND ADVISORY FOR SERN CA RUNNING FROM 22Z THIS AFTERNOON
THRU 05Z TONIGHT.

ON FRIDAY THE LOW PIVOTS EASTWARD AND APPROACHES ARIZONA WITH THE
LOW CENTER MOVING INTO FAR SOUTHERN NEVADA. AS THIS OCCURS
INCREASING PVA/Q CONVERGENCE/UVV MOVES INTO THE AREA LEADING TO AN
INCREASING THREAT FOR SHOWERS OVER MAINLY EASTERN RIVERSIDE COUNTY
AND NORTHERN LA PAZ COUNTY. GUSTY SOUTHWEST WINDS ARE AGAIN EXPECTED
FRIDAY AREA-WIDE WITH THE STRONGEST WINDS EXPECTED OVER SOUTHEAST
CALIFORNIA. MUCH COOLER AIR WILL ALSO ADVECT INTO THE LOWER
DESERTS...AND HIGH TEMPS WILL FALL INTO THE MID TO UPPER 70S OVER
MOST OF THE DESERTS INCLUDING THE GREATER PHOENIX METROPOLITAN AREA.
WE WILL CALL FOR A HIGH OF JUST 75 FRIDAY AT PHOENIX...WHICH WILL BE
NEARLY 18 DEGREES BELOW SEASONAL NORMALS. ON FRIDAY NIGHT THE UPPER
LOW CENTER IS FORECAST TO TRACK ACROSS NORTHERN ARIZONA...KEEPING
THE BEST COLD AIR ALOFT AND INSTABILITY VALUES NORTH OF THE CENTRAL
DESERTS. THERE WILL BE SLIGHT CHANCE FOR SHOWERS SPREADING FROM WEST
TO EAST ACROSS THE DESERTS OVERNIGHT...WITH MOST OF THE PRECIP
CONFINED TO SOUTH CENTRAL ARIZONA BY SUNRISE SATURDAY MORNING AS
INCREASING SUBSIDENCE MOVES ACROSS THE WESTERN DESERTS BEHIND THE
ADVANCING UPPER LOW.

DURING THE DAY SATURDAY THE UPPER LOW WILL QUICKLY EJECT TOWARDS THE
NORTHEAST AND MOVE INTO NEW MEXICO/COLORADO...AND A DRIER SUBSIDENT
AIRMASS WILL OVERSPREAD THE LOWER DESERTS...CONFINING ANY THREAT FOR
SHOWERS OR POSSIBLE THUNDERSTORMS TO HIGHER TERRAIN AREAS NORTH AND
EAST OF PHOENIX. BY LATE AFTERNOON SATURDAY EXPECT PARTLY TO MOSTLY
SUNNY SKIES OVER MOST OF THE LOWER CENTRAL AND WESTERN DESERTS. HIGH
TEMPS WILL STAY WELL BELOW SEASONAL NORMALS...RUNNING FROM THE LOW
TO MID 80S OUT WEST TO THE MID TO UPPER 70S OVER SOUTH CENTRAL AZ.
PHOENIX WILL CLIMB TO AROUND 78 DEGREES ON SATURDAY UNDER PARTLY
SUNNY SKIES.
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https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=AFDPSR&e=201505071030 2/4

FIGURE A-9
AREA FORECAST FOR PHOENIX (MAY 7, 2015)
PAGE 2

2/28/2017 IEM :: AFD from NWS PSR

```
HIGH PRESSURE ALOFT WILL BUILD ACROSS THE AREA FROM THE WEST SUNDAY
LEADING TO MUCH WARMER HIGH TEMPERATURES AND MOSTLY SUNNY SKIES.
HIGHS WILL CLIMB INTO THE MID TO UPPER 80S OVER SOUTH CENTRAL
ARIZONA AND INTO THE LOW 90S OVER THE FAR WESTERN DESERTS OF AZ AND
SERN CA. HIGH PRESSURE ALOFT WILL DOMINATE THE WEATHER ON
MONDAY...ALLOWING HIGH TEMPS TO WARM EVEN FURTHER AND INTO THE LOW
TO MID 90S OVER MOST OF THE LOWER DESERTS UNDER SUNNY SKIES. HIGHS
AT PHOENIX SHOULD FINALLY REACH THEIR SEASONAL NORMAL VALUES
MONDAY...WITH A HIGH OF 93 IN THE FORECAST.

THE CONSISTENCY THAT WAS PRESENT IN THE VARIOUS MODEL SOLUTIONS FOR
THE SHORT TERM FORECAST PERIOD HAS EVAPORATED DURING THE LATTER
PORTION OF THE EXTENDED PERIOD...AS MODEL SOLUTIONS DIVERGE WILDLY
FOR THE EARLY TO MIDDLE PORTION OF NEXT WEEK. ENSEMBLE MEMBERS FROM
THE GFS ARE ALL OVER THE MAP...AND RUN TO RUN CONSISTENCY IS POOR.
OVERALL IT APPEARS THAT A SOMEWHAT MORE TROFFY PATTERN WILL DEVELOP
ACROSS THE WESTERN CONUS BUT IT STILL LOOKS TO BE ON THE DRY SIDE
FOR OUR AREA. WILL USE A MODEL BLEND/CONSENSUS APPROACH FOR NEXT
TUESDAY/WEDNESDAY AND WE WILL TREND TEMPS SLIGHTLY COOLER...WITH
READINGS NEAR OR SLIGHTLY BELOW SEASONAL NORMALS. WE WILL ALSO ADD A
BIT OF CLOUDINESS TO THE FORECAST... CHANGING SKIES TO MOSTLY SUNNY
INSTEAD OF SUNNY.

&&

.AVIATION...
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...
SOUTHEAST CALIFORNIA AND SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...

AN APPROACHING LOW PRESSURE SYSTEM WILL LEAD TO PERIODS OF
BREEZY TO WINDY CONDITIONS IN THE AFTERNOON AND EVENINGS ALONG
WITH SOUTH AND SOUTHWESTERLY FLOW ALOFT.

FOR CENTRAL ARIZONA SITES...SOUTHWEST WINDS WILL SLOWLY
BECOME LIGHT AND VARIABLE OVERNIGHT FAVORING DIURNAL
DRAINAGE PATTERNS FOLLOWED BY SOMETHING OF A REPEAT
THURSDAY AFTERNOON WITH PROLONGED SOUTHERLY COMPONENTS AND SOME
GUSTS IN THE 20-25 KTS. NO SIGNIFICANT CLOUDS EXCEPT FOR SOME
ALTOCUMULUS DECKS.

FOR SOUTHEAST CALIFORNIA...STRONG WEST WINDS OVER IMPERIAL
COUNTY WILL SLOWLY WEAKEN OVERNIGHT BEFORE RESUMING AGAIN LATE
THURSDAY AFTERNOON. MEANWHILE...THE LOWER COLORADO RIVER VALLEY WILL
HANG ON TO SOUTHERLY WINDS WITH STRENGTHENING IN THE AFTERNOON. BOTH
AREAS WILL LIKELY EXPERIENCE GUSTS OF 30-35 KTS DURING THEIR
RESPECTIVE PEAK HOURS. NO SIGNIFICANT CLOUDS EXCEPT FOR SOME
ALTOCUMULUS DECKS.

&&

.FIRE WEATHER...
SATURDAY THROUGH WEDNESDAY...
AN AREA OF LOW PRESSURE WILL CONTINUE TO MOVE EAST...LEAVING MUCH
COOLER TEMPERATURES AND HIGHER HUMIDITY LEVELS ACROSS THE FORECAST
AREA...WITH ISOLATED SHOWERS AND THUNDERSTORMS LINGERING OVER THE
HIGHER TERRAIN OF SOUTH-CENTRAL ARIZONA SATURDAY AFTERNOON/EVENING.
THE TREND CHANGES SUNDAY THROUGH TUESDAY...HIGH PRESSURE ALOFT WILL
BUILD BACK INTO THE AREA FROM THE WEST...RESULTING IN A DRYING AND
WARMING TREND ALONG WITH LESS WIND. MINIMUM RH VALUES WILL LOWER
INTO THE TEENS SUNDAY...THEN FALL BELOW 15 PERCENT EARLY NEXT WEEK
WITH THE DRIER DESERTS SEEING SOME AREAS WITH SINGLE DIGIT
HUMIDITIES. HIGH TEMPERATURES OVER THE DESERTS MONDAY AND TUESDAY
WILL RISE MOSTLY INTO THE LOWER 90S.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...
AZ...NONE.
CA...WIND ADVISORY SE CA...CAZ030...032>033...FROM 22Z THRU 05Z TONIGHT.
&&

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...CB
AVIATION...AJ
FIRE WEATHER...MEYERS/CB
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https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=AFDPSR&e=201505071030 3/4

Fig A-9: The Phoenix NWS office issued an updated area forecast discussion at 2:30am (3:30 PDT/MST) on May 7, 2017 identifying a slight chance of showers over western portions of Joshua Tree, gusty west winds across much of southeast California during the afternoon and evening hours, especially Imperial County and higher elevations. Source: Iowa State University of Science and Technology, mesonet National Weather Service Raw Text Product

FIGURE A-10
ZONE FORECAST FOR PHOENIX (MAY 7, 2015)

2/28/2017 IEM :: ZFP from NWS PSR

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670
FPUS55 KPSR 071034
ZFPPSR

ZONE FORECASTS FOR SOUTHWEST ARIZONA/SOUTHEAST CALIFORNIA
NATIONAL WEATHER SERVICE PHOENIX AZ
335 AM MST THU MAY 7 2015

$$

CAZ033-072315-
IMPERIAL COUNTY-
INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO...GLAMIS...
IMPERIAL...AND THE SALTON SEA
335 AM MST THU MAY 7 2015

...WIND ADVISORY IN EFFECT FROM 3 PM THIS AFTERNOON TO 10 PM PDT THIS
EVENING...

.TODAY...MOSTLY SUNNY...WINDY AND COOLER. HIGHS 74 TO 79. WEST WIND
10 TO 20 MPH IN THE MORNING INCREASING TO 20 TO 30 MPH IN THE
AFTERNOON. GUSTS UP TO 40 MPH IN THE AFTERNOON.
.TONIGHT...PARTLY CLOUDY AND WINDY. PATCHY BLOWING DUST IN THE
EVENING. LOWS 50 TO 60. WEST WIND 20 TO 30 MPH. GUSTS UP TO 40 MPH.
.FRIDAY...PARTLY CLOUDY AND WINDY. HIGHS 70 TO 75. WEST WIND 20 TO
30 MPH. GUSTS UP TO 40 MPH.
.FRIDAY NIGHT...PARTLY CLOUDY. A SLIGHT CHANCE OF SHOWERS AND
THUNDERSTORMS IN THE EVENING. WINDY. LOWS 49 TO 59. WEST WIND 20 TO
30 MPH IN THE EVENING DECREASING TO 10 TO 20 MPH AFTER MIDNIGHT.
GUSTS UP TO 40 MPH IN THE EVENING. CHANCE OF MEASURABLE RAIN
10 PERCENT.
.SATURDAY...MOSTLY SUNNY AND WARMER. HIGHS 78 TO 83. WEST WIND 5 TO
15 MPH.
.SATURDAY NIGHT...MOSTLY CLEAR. NOT AS COOL. LOWS IN THE MID 50S TO
MID 60S.
.SUNDAY...SUNNY AND WARMER. HIGHS IN THE MID 80S TO LOWER 90S.
.SUNDAY NIGHT...CLEAR. LOWS IN THE UPPER 50S TO UPPER 60S.
.MONDAY...SUNNY. HIGHS IN THE LOWER TO MID 90S.
.MONDAY NIGHT...CLEAR. LOWS IN THE UPPER 50S TO UPPER 60S.
.TUESDAY...SUNNY. HIGHS IN THE UPPER 80S TO LOWER 90S.
.TUESDAY NIGHT...MOSTLY CLEAR. LOWS IN THE UPPER 50S TO UPPER 60S.
.WEDNESDAY...SUNNY. HIGHS IN THE MID TO UPPER 80S.

$$

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Imperial County Wind Advisory found on Page 6/7 of this document

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ttps://mesonet.agron.iastate.edu/wx/afos/p.php?pil=ZFPPSR&e=201505071035 6/7

Fig A-10: The Phoenix NWS office issued a zone forecast at 2:35am (3:35 PDT/MST) on May 7, 2017 identifying a wind advisory for Thursday, May 7, 2015. The zone forecast identified "patchy blowing dust in the evening" however, prior forecasts and messages from the San Diego NWS office indicated blowing dust as early as May 5, 2015. In addition, the zone forecast supports the previous discussions by both NWS office which indicated gusty west winds between 20 to 30 mph. Source: Iowa State University of Science and Technology, mesonet National Weather Service Raw Text Product

FIGURE A-11
AREA FORECAST FOR PHOENIX (MAY 7, 2015)
PAGE 1

2/28/2017 IEM :: AFD from NWS PSR

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041
FXUS65 KPSR 071936
AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
1236 PM MST THU MAY 7 2015

.UPDATE...UPDATED AVIATION AND FIRE WEATHER DISCUSSIONS.

&&

.SYNOPSIS...
DRIER AND BREEZY CONDITIONS WILL PERSIST TODAY BEFORE A STRONG
EASTERN PACIFIC WEATHER SYSTEM MOVES ACROSS THE SOUTHWEST STATES ON
FRIDAY. IT WILL BE WINDY THIS EVENING OVER SOUTHEAST CALIFORNIA. THE
LOW PRESSURE SYSTEM WILL BRING STRONGER GUSTY WINDS...COOLER
TEMPERATURES...AND INCREASING PRECIPITATION CHANCES THROUGH
SATURDAY. A SLOW WARMING TREND COMMENCES LATE IN THE WEEKEND INTO
EARLY NEXT WEEK AS HIGH PRESSURE GRADUALLY REBUILDS OVER THE DESERT
SOUTHWEST.

&&

.DISCUSSION...
AS APPARENT ON VISIBLE SATELLITE IMAGERY THIS MORNING AND A 12Z FORECAST
SOUNDING ADVERTISES...SOME LOW LEVEL (2000-4000FT) MOISTURE IS
EVIDENT IN THE YUMA AREA AND ALONG THE LOWER COLORADO RIVER VALLEY
AHEAD OF THE APPROACHING UPPER LEVEL LOW PRESSURE SYSTEM. A SOUTHERLY
WIND COMPONENT WILL PERSIST THROUGH MUCH OF THE DAY TODAY ACROSS
CENTRAL AND SOUTHERN ARIZONA...WITH A MORE WESTERLY DIRECTION ACROSS
SOUTHEAST CALIFORNIA. ELSEWHERE ACROSS ARIZONA...CLOUDS ARE BEGINNING
TO STREAM IN JUST OVER THE MEXICO BORDER INTO SOUTHERN ARIZONA AND
CLOUDS ARE SPREADING ACROSS FAR NORTHWEST ARIZONA THIS MORNING.
TEMPERATURES ARE ALREADY RUNNING 4 TO 6 DEGREES COOLER AT THIS TIME
OF DAY COMPARED TO YESTERDAY...WHICH LENDS REASON THAT AREA WIDE
TEMPERATURES WILL TOP OUT A HANDFUL OF DEGREES BELOW WHAT WAS
OBSERVED WEDNESDAY. ONLY MINOR EDITS TO THE CURRENT FORECAST WERE
NEEDED AT THIS TIME.

.PREVIOUS DISCUSSION.../ISSUED AT 330 AM MST/PDT 07 MAY/...
EARLY THIS MORNING A DRIER SOUTHWEST FLOW ALOFT WAS SITUATED ACROSS
SERN CA AND ARIZONA...AND IR IMAGERY AT 3 AM SHOWED GENLY CLEAR SKIES
ACROSS THE AREA. THE TRANQUIL WEATHER SEEN TONIGHT WILL BE CHANGING
SOMEWHAT OVER THE NEXT COUPLE OF DAYS OR SO AS A LARGE UPPER LEVEL
CLOSED LOW DEVELOPS ALONG THE CA COAST...AND THEN SWINGS EAST ACROSS
THE DESERT SOUTHWEST FRIDAY INTO SATURDAY BRINGING A THREAT OF
SHOWERS OR THUNDERSTORMS ALONG WITH MUCH COOLER TEMPERATURES. SHORT
RANGE MODELS HAVE EXHIBITED A HIGH DEGREE OF CONSISTENCY WITH THE
FORECAST THROUGH SATURDAY...AND IN GENERAL THIS SYSTEM APPEARS TO BE
ON THE DRY SIDE FOR SOUTHERN ARIZONA...TYPICAL FOR THIS TIME OF
YEAR...WITH BIGGER IMPACTS EXPECTED TO BE WINDS ALONG WITH SHARPLY
COOLER HIGH TEMPERATURES.

FOR TODAY...AS THE LOW DEVELOPS AND DIVES SOUTHEASTWARD ALONG THE
CALIFORNIA COAST...INCREASING SOUTHERLY FLOW WILL AFFECT THE LOWER
DESERTS OF AZ...AND THERE MAY BE SOME INCREASE IN LOW CLOUDS AS
MOISTURE STARTS FEEDING IN FROM THE SOUTH. NO PRECIP IS EXPECTED BUT
IT WILL BE LOCALLY BREEZY DURING THE AFTERNOON...AND TEMPS WILL
START TO FALL OFF...DROPPING INTO THE MID 80S OVER SOUTH CENTRAL AZ
AND EVEN INTO THE 70S OVER PORTIONS OF SOUTHEAST CALIFORNIA. THERE
MAY BE A SLIGHT CHANCE FOR SHOWERS DEVELOPING OVER THE WESTERN
PORTIONS OF JOSHUA TREE NP AS THE DAY WEARS ON. GUSTY WEST WINDS ARE
EXPECTED ACROSS MUCH OF SOUTHEAST CALIFORNIA LATER THIS AFTERNOON
AND THROUGH THE EVENING HOURS...ESPECIALLY FAVORED AREAS OF IMPERIAL
COUNTY AND HIGHER ELEVATIONS OF JOSHUA TREE NP. AS SUCH WE WILL
ISSUE A WIND ADVISORY FOR SERN CA RUNNING FROM 22Z THIS AFTERNOON
THRU 05Z TONIGHT.

ON FRIDAY THE LOW PIVOTS EASTWARD AND APPROACHES ARIZONA WITH THE
LOW CENTER MOVING INTO FAR SOUTHERN NEVADA. AS THIS OCCURS
INCREASING PVA/Q CONVERGENCE/UVV MOVES INTO THE AREA LEADING TO AN
INCREASING THREAT FOR SHOWERS OVER MAINLY EASTERN RIVERSIDE COUNTY
AND NORTHERN LA PAZ COUNTY. GUSTY SOUTHWEST WINDS ARE AGAIN EXPECTED
FRIDAY AREA-WIDE WITH THE STRONGEST WINDS EXPECTED OVER SOUTHEAST
CALIFORNIA. MUCH COOLER AIR WILL ALSO ADVECT INTO THE LOWER
DESERTS...AND HIGH TEMPS WILL FALL INTO THE MID TO UPPER 70S OVER
MOST OF THE DESERTS INCLUDING THE GREATER PHOENIX METROPOLITAN AREA.
WE WILL CALL FOR A HIGH OF JUST 75 FRIDAY AT PHOENIX...WHICH WILL BE
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https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=AFDPSR&e=201505071936 2/4

FIGURE A-11
AREA FORECAST FOR PHOENIX (MAY 7, 2015)
PAGE 2

2/28/2017 IEM :: AFD from NWS PSR

NEARLY 18 DEGREES BELOW SEASONAL NORMALS. ON FRIDAY NIGHT THE UPPER LOW CENTER IS FORECAST TO TRACK ACROSS NORTHERN ARIZONA...KEEPING THE BEST COLD AIR ALOFT AND INSTABILITY VALUES NORTH OF THE CENTRAL DESERTS. THERE WILL BE SLIGHT CHANCE FOR SHOWERS SPREADING FROM WEST TO EAST ACROSS THE DESERTS OVERNIGHT...WITH MOST OF THE PRECIP CONFINED TO SOUTH CENTRAL ARIZONA BY SUNRISE SATURDAY MORNING AS INCREASING SUBSIDENCE MOVES ACROSS THE WESTERN DESERTS BEHIND THE ADVANCING UPPER LOW.

DURING THE DAY SATURDAY THE UPPER LOW WILL QUICKLY EJECT TOWARDS THE NORTHEAST AND MOVE INTO NEW MEXICO/COLORADO...AND A DRIER SUBSIDENT AIRMASS WILL OVERSPREAD THE LOWER DESERTS...CONFINING ANY THREAT FOR SHOWERS OR POSSIBLE THUNDERSTORMS TO HIGHER TERRAIN AREAS NORTH AND EAST OF PHOENIX. BY LATE AFTERNOON SATURDAY EXPECT PARTLY TO MOSTLY SUNNY SKIES OVER MOST OF THE LOWER CENTRAL AND WESTERN DESERTS. HIGH TEMPS WILL STAY WELL BELOW SEASONAL NORMALS...RUNNING FROM THE LOW TO MID 80S OUT WEST TO THE MID TO UPPER 70S OVER SOUTH CENTRAL AZ. PHOENIX WILL CLIMB TO AROUND 78 DEGREES ON SATURDAY UNDER PARTLY SUNNY SKIES.

HIGH PRESSURE ALOFT WILL BUILD ACROSS THE AREA FROM THE WEST SUNDAY LEADING TO MUCH WARMER HIGH TEMPERATURES AND MOSTLY SUNNY SKIES. HIGHS WILL CLIMB INTO THE MID TO UPPER 80S OVER SOUTH CENTRAL ARIZONA AND INTO THE LOW 90S OVER THE FAR WESTERN DESERTS OF AZ AND SERN CA. HIGH PRESSURE ALOFT WILL DOMINATE THE WEATHER ON MONDAY...ALLOWING HIGH TEMPS TO WARM EVEN FURTHER AND INTO THE LOW TO MID 90S OVER MOST OF THE LOWER DESERTS UNDER SUNNY SKIES. HIGHS AT PHOENIX SHOULD FINALLY REACH THEIR SEASONAL NORMAL VALUES MONDAY...WITH A HIGH OF 93 IN THE FORECAST.

THE CONSISTENCY THAT WAS PRESENT IN THE VARIOUS MODEL SOLUTIONS FOR THE SHORT TERM FORECAST PERIOD HAS EVAPORATED DURING THE LATTER PORTION OF THE EXTENDED PERIOD...AS MODEL SOLUTIONS DIVERGE WILDLY FOR THE EARLY TO MIDDLE PORTION OF NEXT WEEK. ENSEMBLE MEMBERS FROM THE GFS ARE ALL OVER THE MAP...AND RUN TO RUN CONSISTENCY IS POOR. OVERALL IT APPEARS THAT A SOMEWHAT MORE TROFFY PATTERN WILL DEVELOP ACROSS THE WESTERN CONUS BUT IT STILL LOOKS TO BE ON THE DRY SIDE FOR OUR AREA. WILL USE A MODEL BLEND/CONSENSUS APPROACH FOR NEXT TUESDAY/WEDNESDAY AND WE WILL TREND TEMPS SLIGHTLY COOLER...WITH READINGS NEAR OR SLIGHTLY BELOW SEASONAL NORMALS. WE WILL ALSO ADD A BIT OF CLOUDINESS TO THE FORECAST... CHANGING SKIES TO MOSTLY SUNNY INSTEAD OF SUNNY.

&&

.AVIATION...
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...
AN APPROACHING LOW PRESSURE SYSTEM WILL LEAD TO PERIODS OF BREEZY TO WINDY CONDITIONS IN THE AFTERNOON AND EVENING ALONG WITH SOUTH AND SOUTHWESTERLY FLOW ALOFT. SOUTHERLY CROSSWINDS EARLY THIS AFTERNOON WILL VEER TO SOUTHWESTERLY...AND WILL INCREASE AND BECOME GUSTY BY MID AFTERNOON WITH SOME GUSTS OF 20-25 KTS. WINDS WILL GRADUALLY SUBSIDE STARTING LATE EVENING. LATEST GUIDANCE ALSO SUGGESTS THAT THE WESTERLY FLOW WILL PREVAIL OVERNIGHT AND A SWITCH TO THE NORMAL DOWNSLOPE EASTERLY IS NOT ANTICIPATED.

SOUTHEAST CALIFORNIA AND SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...
WESTERLY WINDS WILL INCREASE WITH WINDS BECOMING QUITE STRONG DURING THE LATE AFTERNOON AND EARLY EVENING HOURS. WIND GUSTS OF 35 KTS WILL BE POSSIBLE AT KIPL DURING THE PEAK TIME WITH GUSTS CLOSER TO 30 KTS AT KBLH. THE STRONG WINDS MAY PICK UP SOME DUST AT TIMES CAUSING SOME VISIBILITY RESTRICTIONS. WINDS ARE EXPECTED TO SUBSIDE SOMEWHAT OVERNIGHT BEFORE STRENGTHENING AGAIN AFTER 15Z FRIDAY.

&&

.FIRE WEATHER...
SUNDAY THROUGH THURSDAY...
HIGH PRESSURE ALOFT WILL BUILD BACK INTO THE AREA FROM THE WEST SUNDAY...RESULTING IN A DRYING AND WARMING TREND ALONG WITH LESS WIND. MINIMUM RH VALUES WILL LOWER INTO THE TEENS SUNDAY...THEN FALL BELOW 15 PERCENT EARLY NEXT WEEK WITH THE DRIER DESERTS SEEING SOME AREAS WITH SINGLE DIGIT HUMIDITIES. HIGH TEMPERATURES IN THE LOWER DESERTS WILL RETURN TO NEAR NORMAL VALUES NEXT WEEK...MOSTLY INTO THE LOWER 90S.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...
AZ...NONE.
CA...WIND ADVISORY FROM 3 PM THIS AFTERNOON TO 10 PM PDT THIS EVENING

https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=AFDPSR&e=201505071936

Fig A-11: The Phoenix NWS office issued an area forecast discussion at 11:36am (12:36 PDT/MST) on May 7, 2017 identifying a southerly wind component persisting in Arizona while in southeast California a more westerly wind direction. The area forecast discussion supports the previous discussions of increasing westerly winds during the late afternoon and early evening hours of May 7, 2015. The discussions, similarly mentions the possibility that the strong winds may pick up some dust causing visibility restrictions. Source: Iowa State University of Science and Technology, mesonet National Weather Service Raw Text Product

FIGURE A-12
AREA FORECAST FOR SAN DIEGO (MAY 7, 2015)
PAGE 1

9/7/2017 IEM :: AFD from NWS SGX

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332
FXUS66 KSGX 072029
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
200 PM PDT THU MAY 7 2015

.SYNOPSIS... A DEEP LOW PRESSURE SYSTEM WILL BRING CLOUDY AND COLDER
WEATHER TODAY THROUGH FRIDAY...ALONG WITH SHOWERS AND ISOLATED
THUNDERSTORMS. GUSTY WEST WINDS WILL CONTINUE IN THE MOUNTAINS AND
DESERTS. CONTINUED COOL SATURDAY...THEN WARMER SUNDAY AND MONDAY
WITH WEAK HIGH PRESSURE ALOFT. COOLER...UNSETTELED WEATHER WILL
RETURN FOR THE MIDDLE OF NEXT WEEK.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...
SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO
COUNTIES...

SOME SHOWERS OCCURRED EARLY THIS MORNING IN OUR 7000 FOOT DEEP
MARINE LAYER...BUT LITTLE SINCE THEN. A VIGOROUS LOW PRESSURE TROUGH
DRIVING DOWN NORTHERN CALIFORNIA TODAY WILL ARRIVE IN SOUTHERN
CALIFORNIA TONIGHT. ITS INFLUENCE HAS ALREADY ENHANCED OUR
AFOREMENTIONED MARINE LAYER ENOUGH TO WRING OUT THE LIGHT SHOWERS. A
FEW LIGHT SHOWERS WILL BE MIXED WITH PEEKS OF SUNSHINE IN THE
COASTAL BASIN THIS AFTERNOON WHILE IT IS FAIR AND BREEZY IN THE
HIGHER MOUNTAINS AND DESERTS. THE CLOUDS WILL GET LUMPIER AND THE
SHOWERS WILL BECOME MORE WIDESPREAD AND MEANINGFUL THIS EVENING AS
THE LOW PRESSURE SYSTEM SETTLES INTO SOUTHERN CALIFORNIA. THERE ARE
A COUPLE WAVES TO NOTE. THE FIRST COMES THROUGH TONIGHT BRINGING
MORE WIDESPREAD SHOWERS AND INTRODUCING A CHANCE OF THUNDERSTORMS AS
COLD AIR ALOFT DESTABILIZES OUR ATMOSPHERE. THIS IS ALSO WHEN SNOW
WILL BEGIN TO FALL IN THE MOUNTAINS. A SECOND WAVE COMES IN AROUND
MIDDAY FRIDAY WITH A GREATER STEADY PRECIP BAND PARTICULARLY FOR THE
SAN BERNARDINO MOUNTAINS. THE FLOW TURNS NORTHWEST AS THE LOW MOVES
SLOWLY EAST FRIDAY EVENING AND SHOWERS WILL TAPER OFF FROM NORTHWEST
TO SOUTHEAST FRIDAY NIGHT. SATURDAY LOOKS DRY EXCEPT FOR A COUPLE OF
LINGERING SHOWERS IN SOUTHERN SAN DIEGO COUNTY EARLY IN THE MORNING.
PRECIPITATION AMOUNTS WILL BE AROUND 0.1 TO 0.5 INCH IN THE COASTAL
BASIN...1 TO 2 INCHES IN MOUNTAINS...AND 0.25 OR LESS IN THE
DESERTS. SNOWFALL WILL ACCUMULATE ABOVE 6000 FEET UP TO 6 INCHES ON
THE HIGHEST PEAKS...AND 1 TO 3 INCHES AROUND BIG BEAR. THE SNOW
LEVEL WILL BE AS LOW AS 5000-5500 FEET AROUND LAKE ARROWHEAD-
IDYLLWILD LEVEL. WINDS WILL BE STRONG TODAY INTO TONIGHT IN DESERTS
AND DESERT MOUNTAIN SLOPES WITH TOP GUSTS EXCEEDING 50 MPH IN THE
FAVORED SPOTS. THE WINDS DECREASE A BIT OVERNIGHT IN SPEED AND IN
COVERAGE...BUT STAY QUITE BRISK FOR RIDGES AND DESERT SLOPES THROUGH
FRIDAY. THE LOW SLOWLY MOVES OUT OF THE REGION SATURDAY WITH A
LITTLE RIDGE BUILDING SUNDAY INTO MONDAY. THAT WILL BRING WARMER AND
SEASONAL WEATHER...WHICH INCLUDES AN INTACT MARINE LAYER WITH
COASTAL CLOUDS NIGHTS AND MORNINGS. ANOTHER LOW PRESSURE TROUGH
DEEPENS OVER THE NORTHEAST PACIFIC HEADING INTO THE MIDDLE OF NEXT
WEEK AND SHOWS SOME SIGNS OF MOVING INTO CALIFORNIA. DETERMINISTIC
AND ENSEMBLE MODELS ARE QUITE UNABLE TO PROVIDE A CONSENSUS SO FOR
NOW WE WILL FORECAST COOLER WEATHER.

&&

.AVIATION...

072030Z...LOW CLOUDS...WITH BASES FROM 3500-5000 FT MSL AND TOPS
NEAR 6000 FT MSL...WILL CONTINUE WEST OF THE MOUNTAINS THROUGH
FRIDAY AFTERNOON. -SHRA WILL BE POSSIBLE THROUGH THE PERIOD AS A
DISTURBANCE APPROACHES THE REGION...WITH GREATEST COVERAGE AND A
POSSIBILITY OF -TSRA TONIGHT AND FRIDAY MORNING. HEAVY SHOWERS COULD
CREATE VIS OF 1-3 SM...GUSTY AND ERRATIC SURFACE WINDS STRONG
DOWN/UP DRAFTS AND SMALL HAIL. THUNDERSTORM TOPS COULD REACH AS HIGH
AS 35 KFT.

WESTERLY WINDS OF 20-30 KT WITH ISOLATED GUSTS TO 50 KT ARE EXPECTED
OVER MTN RIDGES...THROUGH AND BELOW PASSES/CANYONS...ALONG THE
DESERT SLOPES...AND LOCALLY INTO THE ADJACENT DESERTS THIS AFTN AND
TONIGHT. THIS WILL CREATE AREAS OF STG UDDFS/LLWS OVER AND EAST OF
THE MTNS THROUGH FRIDAY MORNING AND COULD LOWER VIS IN AREAS OF
BLDU. WINDS WILL SLIGHTLY IMPROVE FRIDAY MORNING.

&&
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https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=AFDSGX&e=201505072100 2/3

FIGURE A-12
AREA FORECAST FOR SAN DIEGO (MAY 7, 2015)
PAGE 2

9/7/2017 IEM :: AFD from NWS SGX

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.MARINE...

130 PM...A DISTURBANCE APPROACHING THE REGION WILL CREATE
A CHANCE OF THUNDERSTORMS...WITH ISOLATED CLOUD-TO-WATER LIGHTNING
STRIKES OVER THE COASTAL WATERS TONIGHT INTO EARLY FRIDAY. SEE THE
MARINE WEATHER STATEMENT...LAXMWSSGX...FOR MORE DETAILS. NO
HAZARDOUS MARINE WEATHER IS EXPECTED SATURDAY THROUGH MONDAY.

&&

.SKYWARN...
SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE
ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...
CA...WIND ADVISORY UNTIL 3 AM PDT FRIDAY FOR APPLE AND LUCERNE
     VALLEYS-SAN DIEGO COUNTY DESERTS-SAN GORGONIO PASS NEAR
     BANNING.

     WINTER WEATHER ADVISORY FROM 3 AM TO 9 PM PDT FRIDAY FOR
     RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY MOUNTAINS.

PZ...NONE.

&&

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PUBLIC...MM
AVIATION/MARINE...JJT
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IOWA STATE UNIVERSITY
College of Ag
Department of Agronomy

Fig A-12: The San Diego NWS office issued an area forecast discussion at 1:00pm (2:00 PDT) on May 7, 2017 identifying two waves, the first coming through during the evening with more widespread showers and introducing thunderstorms coincident with falling snow in the mountains. The second wave was expected around midday Friday, May 8, 2015 with greater steady precipitation. Westerly winds with isolated gusts were expected over mountain ridges through and below passes and canyons along the desert slops with potential lower visibility due to blowing dust through Friday. Source: Iowa State University of Science and Technology, mesonet National Weather Service Raw Text Product

FIGURE A-13
SMOKE/DUST TEXT PRODUCT (MAY 7, 2015)

2/28/2017 Smoke Text Product - Satellite Services Division

Friday, May 8 2015

DESCRIPTIVE TEXT NARRATIVE FOR SMOKE/DUST OBSERVED IN SATELLITE IMAGERY THROUGH 0230Z May 08, 2015

SMOKE:
Southwestern Canada:
A relatively large area of remnant Asian smoke seen last night in visible imagery across Alberta and Northwest Territories has drifted southward towards the U.S/Canadian border. The smoke is currently seen over southern British Columbia, southern Alberta, and southwestern Saskatchewan. The abundant cloud cover across the northwestern U.S. and southwestern Canada makes the full extent of the remnant smoke difficult to discern.

South-Central U.S/Western Gulf of Mexico:
An area of light to moderate density smoke is seen originating from the large amount of fires occurring across much of Mexico. This area of smoke is seen across much of the Bay of Campeche/western Gulf of Mexico and extends northward over Louisiana and Texas, as far as the Texas panhandle.

BLOWING DUST:
Southwestern U.S:
Suspended dust is seen across much of the southwestern U.S, extending over the eastern Pacific and northwestern Mexico into southern California and further inland over much of Arizona and western New Mexico. While models suggest that this plume of dust extends farther out over the Pacific Ocean, suggesting that it has been transported with the associated upper level low pressure system currently over California, strong surface winds have kicked up more localized areas of blowing dust seen in southern California near the Salton Sea.

Heeps

THIS TEXT PRODUCT IS PRIMARILY INTENDED TO DESCRIBE SIGNIFICANT AREAS OF SMOKE ASSOCIATED WITH ACTIVE FIRES AND SMOKE WHICH HAS BECOME DETACHED FROM THE FIRES AND DRIFTED SOME DISTANCE AWAY FROM THE SOURCE FIRE..TYPICALLY OVER THE COURSE OF ONE OR MORE DAYS. AREAS OF BLOWING DUST ARE ALSO DESCRIBED. USERS ARE ENCOURAGED TO VIEW A GRAPHIC DEPICTION OF THESE AND OTHER PLUMES WHICH ARE LESS EXTENSIVE AND STILL ATTACHED TO THE SOURCE FIRE IN VARIOUS GRAPHIC FORMATS ON OUR WEB SITE:

JPEG: http://www.ospo.noaa.gov/Products/land/hms.html
GIS: http://www.firedetect.noaa.gov/viewer.htm
KML: http://www.ssd.noaa.gov/PS/FIRE/kml.html
ANY QUESTIONS OR COMMENTS REGARDING THIS PRODUCT SHOULD BE SENT TO SSDFireTeam@noaa.gov

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Unless otherwise indicated:

- Areas of smoke are analyzed using GOES-EAST and GOES-WEST Visible satellite imagery.
- Only a general description of areas of smoke or significant smoke plumes will be analyzed.
- A quantitative assessment of the density/amount of particulate or the vertical distribution is not included.
- Widespread cloudiness may prevent the detection of smoke even from significant fires.

http://www.ssd.noaa.gov/PS/FIRE/DATA/SMOKE/2015/2015E080233.html 1/1

Fig A-13: The Smoke Text Product issued by NOAA's Satellite Service Division (7:30 PDT May 7, 2015) identified local and regional dust across much of the southwestern United States, extending over the eastern Pacific and northwestern Mexico into southern California and further inland. The local blowing dust is seen as caused by strong surface winds.
Source: http://www.ssd.noaa.gov/PS/FIRE/DATA/SMOKE/2015/2015E080233.html

FIGURE A-14
URGENT WEATHER MESSAGE FOR PHOENIX (MAY 7, 2015)

2/28/2017 IEM :: NPW from NWS PSR

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313
WWUS75 KPSR 080544
NPWPSR

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
1044 PM MST THU MAY 7 2015

.STRONG WINDS ASSOCIATED WITH THE APPROACH AND PASSAGE OF A COLD
FRONT IS CREATING STRONG WINDS AND BLOWING DUST AND SAND OVER
SOUTHEAST CALIFORNIA AND SOUTHWEST ARIZONA. CONDITIONS BEGIN TO
IMPROVE AFTER MIDNIGHT.

CAZ033-080700-
/O.NEW.KPSR.DU.Y.0004.150508T0544Z-150508T0700Z/
/O.NEW.KPSR.WI.Y.0006.150508T0544Z-150508T0700Z/
IMPERIAL COUNTY-
INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO...
GLAMIS...IMPERIAL...THE SALTON SEA
1044 PM MST THU MAY 7 2015

...BLOWING DUST ADVISORY IN EFFECT UNTIL MIDNIGHT PDT TONIGHT...
...WIND ADVISORY IN EFFECT UNTIL MIDNIGHT PDT TONIGHT...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A BLOWING DUST
ADVISORY...WHICH IS IN EFFECT UNTIL MIDNIGHT PDT TONIGHT. A WIND
ADVISORY HAS ALSO BEEN ISSUED. THIS WIND ADVISORY IS IN EFFECT
UNTIL MIDNIGHT PDT TONIGHT.

* AFFECTED AREA...SOUTHEAST CALIFORNIA...INCLUDING EL CENTRO...
  DESERT CENTER...JOSHUA TREE NATIONAL PARK AND ADDITIONAL LOCATIONS
  ALONG THE INTERSTATE 8 AND 10 CORRIDORS.

* TIMING...STRONGEST WINDS UNTIL MIDNIGHT THEN IMPROVING. LIKEWISE REDUCED
  VISIBILITIES IN BLOWING DUST AND SAND WILL BEGIN TO IMPROVE AFTER
  MIDNIGHT.

* WINDS...WEST SOUTHWEST 25 TO 30 MPH WITH GUSTS 40 TO 45 MPH.

* VISIBILITY...LOCALLY BETWEEN ONE HALF AND ONE MILE.

* IMPACTS...STRONG GUSTS WILL CREATE HAZARDOUS CROSSWINDS AND THE
  POTENTIAL FOR LOCALLY REDUCED VISIBILITIES DUE TO BLOWING DUST AND
  SAND. TRAVEL ALONG NORTH TO SOUTH ORIENTED ROADWAYS AND THROUGH
  AREA MOUNTAIN PASSES AND GAPS MAY BE DIFFICULT AT TIMES...ESPECIALLY
  ALONG THE I-8 CORRIDOR.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER
BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT
APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR
VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR
FOOT OFF THE BRAKE PEDAL.

REMEMBER...PULL ASIDE...STAY ALIVE.


&&

$$

AZZ025-CAZ031-080700-
/O.NEW.KPSR.DU.Y.0004.150508T0544Z-150508T0700Z/
YUMA/MARTINEZ LAKE AND VICINITY-LOWER COLORADO RIVER VALLEY CA-
INCLUDING THE CITIES OF...FORTUNA FOOTHILLS...SAN LUIS...
SOMERTON...YUMA...BLYTHE
1044 PM MST THU MAY 7 2015

...BLOWING DUST ADVISORY IN EFFECT UNTIL MIDNIGHT MST /MIDNIGHT
PDT/ TONIGHT...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A BLOWING DUST
ADVISORY...WHICH IS IN EFFECT UNTIL MIDNIGHT MST /MIDNIGHT PDT/
TONIGHT.

* AFFECTED AREA...STRONGEST WINDS UNTIL MIDNIGHT THEN IMPROVING. LIKEWISE
  REDUCED VISIBILITIES IN BLOWING DUST AND SAND WILL BEGIN TO IMPROVE
  AFTER MIDNIGHT.
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https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=NPWPSR&e=201505080544 2/3

Fig A-14: The Phoenix NWS office issued an Urgent Weather Message at 9:44pm (10:44 PDT/MST) on May 7, 2017 identifying a blowing dust and wind advisory effective till midnight. Strong west southwest winds 25 to 30 mph and gusts were expected to create hazardous crosswinds and the potential for reduced visibility due to blowing dust and sand. Source: Iowa State University of Science and Technology, mesonet National Weather Service Raw Text Product

FIGURE A-15
COACHELLA WIND ADVISORY (MAY 6, 2015)
PAGE 1

Palm Springs weather | DesertSun.com | The Desert Sun

A wind advisory kicks in this afternoon. Trees are already swaying Wednesday morning. Colin Atagi/The Desert Sun

Colin Atagi, The Desert Sun 8:06 a.m. PDT May 6, 2015

CONNECTEMAILMORE

Coachella Valley residents are waking up to breezy conditions Wednesday morning and a wind advisory is expected to kick in later in the afternoon.

The advisory is scheduled to last from 4 p.m. Wednesday through 3 a.m. Friday, according to the National Weather Service. It covers Palm Springs, Cathedral City, Desert Hot Springs Sky Valley and Thousand Palms.

Sustained winds could reach 30 mph with gusts of 45 mph. Anyone driving through the San Gorgonio Pass is encouraged to proceed with caution.

According to the Weather Service, sand may blow across roads and visibility may be limited.

As of 7 a.m. Wednesday, there have not been reports of road closures.

FIGURE A-15
COACHELLA WIND ADVISORY (MAY 6, 2015)
PAGE 2

Windy conditions are preceding potential rainfall. According to the Weather Service, there's a 20 percent chance of rain and thunderstorms Thursday and Friday nights.

Temperatures are expected to reach 85 degrees Wednesday. But Thursday's high temperature should be 79 degrees before dropping to 73 degrees on Friday.

Fig A-15: The Desert Sun published a wind advisory for the Coachella Valley effective from 3:00pm (4:00 PDT) Wednesday, May 6, 2015 to 2:00am (3:00 PDT) Friday, May 8, 2015. The Desert Sun reported sustained winds as potentially reaching 30 mph with gusts of 45 mph. In addition, The Desert Sun reported potentially reduced visibility due to sand blowing across the roads

FIGURE A-16
COACHELLA VALLEY STORM (MAY 7, 2015)

Coachella Valley may get rain Thursday night

Colin Atagi, The Desert Sun Published 6:56 a.m. MT May 7, 2015

(Photo: Colin Atagi/The Desert Sun)

A passing storm may drop rain onto the Coachella Valley late Thursday and chances of precipitation may increase by Friday morning.

There's only a 20 percent chance of rain and thunder Thursday, and their arrival isn't expected until about 11 p.m., according to the National Weather Service.

But on Friday, there's a 40 percent chance of thunderstorms before conditions taper off by the evening.

Clouds are already rolling into the area and they're going to contain high temperatures to the high 70s, according to the National Weather Service. Thursday's high temperature should be 78 degrees.

A light breeze is causing trees to sway Thursday morning. Wind speeds may pick up and forecasters encourage drivers to be cautious in the San Gorgonio Pass.

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Read or Share this story: http://desert.sn/1RgjQ4D

Fig A-16: The Desert Sun published, early morning hours of May 7, 2015, the potential for rain Thursday night with a 40% chance of rain and thunderstorms by Friday, May 8, 2015. The Desert Sun continued to warn drivers to be cautious around the San Gorgonio Pass as wind speeds were expected to pick up

FIGURE A-17
SAN DIEGO STORM BRINGS RAIN FOX5 (MAY 7, 2015)
PAGE 1

Storm brings rain to part of county

POSTED 8:37 AM, MAY 7, 2015, BY BOB PONTING, *UPDATED AT 04:00PM, MAY 7, 2015*

This is an archived article and the information in the article may be outdated. Please look at the time stamp on the story to see when it was last updated.

Thursday Morning Weather

SAN DIEGO -- A storm expected to move over San Diego County Thursday could bring up to an inch of rain to coastal North County and as much as 2 inches of rain to mountain areas, FOX 5 weathercaster Chrissy Russo said.

The storm system was bringing rain to Northern California and snow to the Sierras Thursday morning, Russo said. The leading edge of the system could bring sprinkles to parts of San Diego County in the afternoon, but heavier rain should hit parts of San Diego County overnight, she said.

Computer models were showing that the storm could bring up to an inch of rain to the Carlsbad and Fallbrook areas and the mountain town of Julian could get more than 2 inches of precipitation, Russo predicted. Palomar Mountain and the higher peaks of the Laguna Mountains may even get some snow, she said.

The models showed much lighter rain in the coastal regions of South County, with less than 0.2 inches of precipitation in San Diego, La Mesa, El Cajon and Chula Vista.

National Weather Service forecasters predicted lower rainfall totals. They said the storm could bring 0.65 inches of rain to Palomar Mountain, .42 inches in Julian, .39 inches in Escondido, .36 inches in Ramona and about a quarter-inch in Oceanside and Alpine, along with cooler and cloudy weather through Friday. San Diego could get .16 inches of rain, with slightly greater amounts falling near Miramar and Campo.

However, forecasters said "convective nature of this storm system" made it difficult to predict how much rain will fall.

FIGURE A-17
SAN DIEGO STORM BRINGS RAIN (MAY 7, 2015)
PAGE 2

No rain was expected in the deserts, but west winds of 20 to 30 miles per hour will continue, along with gusts that may reach 45 mph. A NWS wind advisory for the deserts is scheduled to expire at 3 a.m. Friday.

Forecasters said the wind may lead to hazardous driving conditions, especially for motorists in high-profile vehicles. Visibility along some desert roadways could also be reduced by blowing sand and dust.

Download Fox 5 iPhone app | Download Fox 5 Android app

Fig A-17: Fox5 news posted at 7:37am (8:37 PDT) on May 7, 2015 the potential for rain, up to 2 inches within the San Diego mountains, including Campo, with heavier rain overnight, Thursday May 7, 2015. The article also indicated the potential for snow at the higher peaks. The desert areas were expected not to get rain however west winds of 20 to 30 mph along with 45 mph gusts, prompted an extended wind advisory to 2:00am (3:00 PDT) Friday, May 8, 2015

FIGURE A-18
STORM TO ARRIVE IN SAN DIEGO THURSDAY (MAY 7, 2015)

9/7/2017 Sistema de tormenta llegará a San Diego este jueves mientras los vientos continúan – Noticias Ya

05/07/2015 1:53 PM

San Diego (ENTRAVISION).- Una tormenta estaría llegando a la región este jueves, trayendo lloviznas durante el día y lluvias más fuertes durante la noche en algunas partes del Condado de San Diego, mientras la **alerta de viento continúa en áreas desérticas de la región.**

El Servicio Meteorológico Nacional anunció un sistema de baja presión que traería .65 pulgadas de lluvia a Palomar Mountain, .42 pulgadas en Julian, .39 en Escondido, .36 en Ramona y cerca de un cuarto de pulgada en Oceanside y Alpine.

:::También te puede interesar::: Desastre por tornados en varios estados del país

San Diego podría registrar hasta .16 pulgadas de lluvia, con lluvias ligeras más fuertes en Miramar y Campo, sin embargo meteorólogos señalan que estas estimaciones debido a la naturaleza de la sistema de tormentas.

A pesar de que no se esperan lluvias en desiertos, las fuertes corrientes de viento continuarán con velocidades entre las 20 y 30 millas por hora. La alerta

Meteorólogos señalan que las condiciones de viento pueden generar situaciones peligrosas para manejar, especialmente para conductores de vehículos altos. Además la visibilidad en carreteras en desiertos también podría verse afectada por el levantamiento de polvo.

Entérate de cuál es el pronóstico del clima para el resto de la semana: **http://noticias.entravision.com/san-diego/clima/**

por Martín Di Felice

TRANSLATION: A thunderstorm will be coming to the region this Thursday, bringing drizzles during the day and the strongest rains during the night in some parts of the County of San Diego, while the wind alert continues in desert areas of the region.

The Meteorological National service announced a system of low pressure that would bring .65 inches of rain to Palomar Mountain, .42 inches in Julian, .39 in Escondido, .36 in Ramona and next to a quarter of an inch in Oceanside and Alpine.

San Diego might register up to .16 inches of rain, with stronger light rains in Miramar and Camp, nevertheless meteorologists indicate that these estimations are due to the nature of the system of thunderstorms.

Although rains are not expected in deserts, the strong wind currents will continue with speeds between 20 and 30 miles per hour. The alert

Meteorologists point out that the wind conditions can generate dangerous driving conditions, especially for high profile vehicles. Also desert highway visibility might be affected by the raising of dust.

Fig A-18: Entravision posted at 12:53pm (1:53 PDT) on May 7, 2015 the possibility of a storm dumping rain around San Diego County with areas such as Campo experiencing greater rainfall. The Article also stressed that although desert areas were not expected to get rainfall a wind advisory was in place indicating reduced visibility due to blowing dust

FIGURE A-19
STORM LA MESA PATCH (MAY 7, 2015)
PAGE 1

Get Ready For a 'Storm' La Mesa, Camp Pendleton - La Mesa, CA Patch

FIND YOUR PATCH La Mesa 86°

SECTIONS CALENDAR JOBS BOARD REAL ESTATE VIDEO NEARBY PATCHES ADV

The FREE and EASY way to find local home pros.
HomeAdvisor
Find Pros

Home & Garden

Get Ready For a 'Storm' La Mesa, Camp Pendleton

More than a half-inch of rain could fall in certain parts of the county and it there will be some gusts as well.

By Mirna Alfonso (Patch Staff) - Updated May 7, 2015 2:02 pm ET 0

FIGURE A-19
STORM LA MESA PATCH (MAY 7, 2015)
PAGE 2

Get Ready For a 'Storm' La Mesa, Camp Pendleton - La Mesa, CA Patch

A storm that could drop more than a half-inch of rain in parts of San Diego County is expected to move into the region today as gusty winds continue to buffet the deserts.

National Weather Service forecasters predicted the low pressure system would bring just over half an inch of rain to Palomar Mountain and about a quarter-inch in Julian, Fallbrook, Ramona, Oceanside and Escondido, along with cooler and cloudy weather through Friday. San Diego could get .14 inches of rain, with slightly greater amounts falling near Miramar and in Alpine.

However, forecasters said those estimates will vary due to the "connective nature of this storm system."

https://patch.com/california/lamesa/get-ready-storm-la-mesa-camp-pendleton[9/11/2017 2:47:24 PM]

FIGURE A-19
STORM LA MESA PATCH (MAY 7, 2015)
PAGE 3

Get Ready For a 'Storm' La Mesa, Camp Pendleton - La Mesa, CA Patch

Get free real-time news alerts from the
La Mesa-Mount Helix Patch.

email@example.com Subscribe

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No rain was expected in the deserts, but west winds of 20 to 30 miles per hour will continue, along with gusts that may reach 45 mph. A NWS wind advisory for the deserts is scheduled to expire at 3 a.m. Friday.

Forecasters said the wind may lead to hazardous driving conditions, especially for motorists in high-profile vehicles. Visibility along some desert roadways could also be reduced by blowing sand and dust.

Also on Patch:

Fig A-19: Like Entravision, The Patch La Mesa posted an update at 11:02 (12:02 PDT) on May 7, 2015 the possibility of a storm dumping rain around San Diego County. The article was almost a duplicate of the Entravision posting. This article also stressed that although desert areas were not expected to get rainfall a wind advisory was in place indicating reduced visibility due to blowing dust

FIGURE A-20
POWERFUL STORM POUNDS SAN DIEGO NBC7 (MAY 8, 2015)
PAGE 1

9/7/2017 Powerful Storm Pounds San Diego, Southern California - NBC 7 San Diego

Home News Weather SportsWrap Entertainment 73° Connect

Powerful Storm Pounds San Diego, Southern California

By R. Stickney and Associated Press

A surprise pounding of rain and snow in the mountains hit San Diego County, leading to slick roads and traffic jams. NBC 7's Vanessa Herrera reports. (Published Friday, May 8, 2015)

Chula Vista Police Upgrades 911 Dispatch System | Glashaus Building in Barrio Logan Shuttered | Proposal to Protect Immigrants from Scams | Developer Breaks Ground on Mixed-Use PB Building

San Diego County is getting doused by scattered showers accompanying a chilly spring storm that is also dropping snow in the mountains.

"The best case scenario is happening," NBC 7's Meteorologist Jodi Kodesh said Friday. "Major rainfall is moving into the county."

The low-pressure system moved south into the region late Thursday after bringing gusty winds to the San Joaquin Valley and deserts, and snow to the Sierra Nevada.

TRENDING STORIES

1 Map: See Where Wildfires Are Burning in California

2 VIDEO Florida Braces for Hurricane Irma, With 10 Dead in Its Wake

3 VIDEO Semi-Truck Crash in Carmel Mountain Ranch

4 $20 I Ring Gold Expensive Retail Brands in TJ

5 VIDEO North Park Couple's Stolen Package Returned

WEATHER FORECAST

San Diego, CA

73° Broken Clouds Feels Like 73°

Radar Forecast Maps

WHAT DO YOU THINK?

http://www.nbcsandiego.com/weather/stories/Storm-Snow-Rain-Thunder-Lightning-Pounds-San-Diego-303061421.html 1/4

FIGURE A-20
POWERFUL STORM POUNDS SAN DIEGO NBC7 (MAY 8, 2015)
PAGE 2

9/7/2017 Powerful Storm Pounds San Diego, Southern California - NBC 7 San Diego

Home News Weather SportsWrap Entertainment 73° Connect

Yes
No
Does not apply
NEXT
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Slick Roads Greet Friday Commuters

NBC 7's Elena Gomez reports from Kearny Mesa where rain had been falling overnight. (Published Friday, May 8, 2015)

In our local mountains, the National Weather Service forecasted one to four inches of snow between the 5,000 and 5,500 foot level.

As of 8 a.m., an inch of snow was reported as low as Julian. Big Bear reported six inches of snow on the ground.

Mission Valley and La Jolla residents reported receiving some hail before 9 a.m.

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Rain Falls on I-15 NB Early Friday

This video was captured by an NBC 7 News crew as they traveled northbound along Interstate 15 before 5 a.m. (Published Friday, May 8, 2015)

While some areas may see no precipitation, others could experience heavy downpours.

A flood advisory has been issued for several communities including Chula Vista, Oceanside, Carlsbad, Temecula, El Cajon, Vista, San Clemente, Encinitas, National City, La Mesa, Lake Elsinore, Riverside and Poway.

Forecasters say the cold and unstable air mass might linger in the region into Saturday.

A wind advisory has been issed through Saturday morning for mountain passes and canyons across the county.

FIGURE A-20
POWERFUL STORM POUNDS SAN DIEGO NBC7 (MAY 8, 2015)
PAGE 3

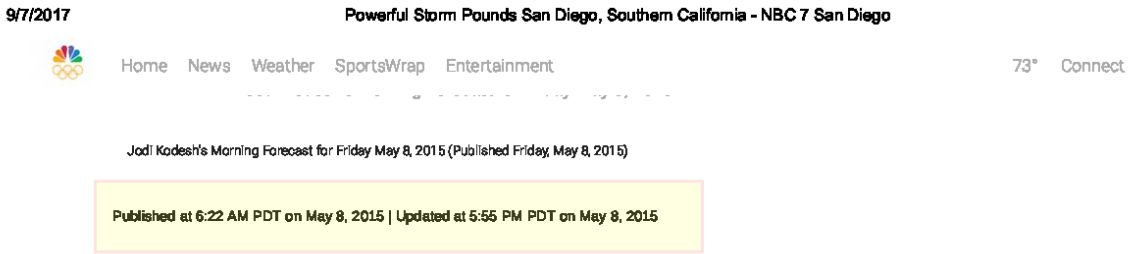

Fig A-20: NBC7 posted at 5:22am (6:22 PDT) on May 8, 2015, with an update at 4:55pm (5:55 PDT) the dousing by scattered shows of San Diego County. The article describes the low-pressure system as moving into the south late Thursday, May 7, 2015 after bring gusty winds to areas including the deserts. The article reiterated that there was a potential for one to four inches of snow between the 5,000 and 5,500 foot level. Advisories were issued for mountain passes and canyons (wind) and for cities (flood)

FIGURE A-21
COLD STORM BRINGS RAIN, SNOW SAN DIEGO FOX5 (MAY 8, 2015)
PAGE 1

Cold storm brings rain, snow to San Diego

POSTED 6:58 AM, MAY 8, 2015, BY BRODIE HART

This is an archived article and the information in the article may be outdated. Please look at the time stamp on the story to see when it was last updated.

FOX 5 viewers share storm photos, videos

SAN DIEGO -- Enough rain to cause flooding, gusty wind, cold weather and mountain snow struck parts of San Diego County Friday as a late season winter-like storm moved through the region.

Shortly before 6 a.m., National Weather Service Doppler radar spotted ``very heavy rain showers" that could lead to minor flooding in Carlsbad, Chula Vista, El Cajon, Encinitas, Imperial Beach, La Mesa, National City,

Oceanside and Poway. An urban and small stream flood advisory for poor drainage areas will remain in effect until 10 a.m.

Send us your weather pictures
Interactive Doppler Radar

FIGURE A-21
COLD STORM BRINGS RAIN, SNOW SAN DIEGO FOX5 (MAY 8, 2015)
PAGE 2

``Additional rainfall of one quarter to one half in is expected over the area this morning'' according to the weather service. ``This additional amount of rain will make minor flooding a concern.''

The storm also caused mountain snow levels to drop to around 5,000 feet this morning, but they are expected to rise later in the day. Up to 5 inches of snow could accumulate in the highest elevations. Winds of 20 to 30 miles per hour are also expected in the mountains, along with gusts to 45 mph.

A winter weather advisory for mountain areas with altitudes higher than 5,000 feet is set to expire at 2 p.m. Drivers on mountain roads were urged to use caution because ``brief periods of heavy snow, strong winds and fog will reduce visibilities to a quarter-mile or less at times.''

Elsewhere in the county, rain was falling and forecasters predicted a slight chance of thunderstorms as the storm impacts the region for a second day.

Less than a half an inch of rain had accumulated in the majority of San Diego County as of 5 a.m. But automated gauges collected .62 inches of rain at the Henshaw Dam, .56 inches in Rancho Bernardo and .52 inches in Warner Springs, according to the weather service.

Since early Wednesday, wind gusts of 56 miles per hour were recorded at Mountain Springs Grade, 54 mph in Harrison Park, 52 mph on Volcan Mountain and 50 mph in Julian. In the deserts, gusts of 49 mph were recorded in Ocotillo Wells, 45 mph in Borrego Springs and 37 mph at the Narrows.

A wind advisory for the deserts will remain in effect 4 a.m. Saturday.

Areas of west winds of 20 to 30 mph with gusts that could reach 60 mph are expected to continue throughout the advisory period.

Forecasters said the wind may lead to hazardous driving conditions, especially for motorists in high-profile vehicles. Visibility along some desert roadways could also be reduced by blowing sand and dust.

Fig A-21: FOX5 posted at 5:58am (6:58 PDT) on May 8, 2015 a report of flooding, gusty winds, cold weather and mountain snow in parts of San Diego County on Friday, May 8, 2015. A slight chance of thunderstorms where predicted below the snow level. The article identified Warner Springs as receiving .52 inches of rain with strong gusts in the deserts of Ocotillo Wells and Borrego Springs. The wind advisory remained in effect until 3:00am (4:00 PDT) Saturday, May 9, 2015. In addition, the article advised of reduced visibility along desert roadways due to blowing sand and dust

FIGURE A-22
MAY STORM BRINGS SNOW TO SAN DIEGO MTNS NBC7 (MAY 8, 2015)
PAGE 1

9/7/2017 May Storm Brings Snow to San Diego Mountains - NBC 7 San Diego

Home News Weather SportsWrap Entertainment 73° Connect

May Storm Brings Snow to San Diego Mountains

Snow in Julian and on Mount Laguna - in May!

By R. Stickney

May Storm: Rain, Hail and Snow Fall in San Diego

Share

View Gallery 1 of 22

A spring storm has brought an inch of snow to Julian, east of San Diego.

For the first time since early March, a storm brought snow to the mountains in the East County.

Adam Baratz traveled to San Diego from Ohio to tackle the Pacific Crest Trail. He was one of more than a dozen other PCT hikers who stayed the night at the Pine House Café.

"San Diego has taken us by surprise," he told NBC 7. "We'll make it work."

TRENDING STORIES

1 VIDEO Florida Braces for Hurricane Irma, With 10 Dead In Its Wake

2 Map: See Where Wildfires Are Burning In California

3 $20 Million Theft Ring Sold Expensive Retail Brands In TJ

4 VIDEO North Park Couple's Stolen Package Returned

5 VIDEO Semi-Truck Crash In Carmel Mountain Ranch

WEATHER FORECAST

San Diego, CA

73° Broken Clouds Feels Like 73°

Radar Forecast Maps

http://www.nbcsandiego.com/weather/stories/San-Diego-Snow-May-Storm-303090171.html 1/4

FIGURE A-22
MAY STORM BRINGS SNOW TO SAN DIEGO MTNS NBC7 (MAY 8, 2015)
PAGE 2

9/7/2017 May Storm Brings Snow to San Diego Mountains - NBC 7 San Diego

WHAT DO YOU THINK?

Do you believe that everything happens for a reason?

- Yes
- No
- No strong take

NEXT

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Snow Falls in San Diego's East County

An NBC 7 news crew uses a camera mounted on their dashboard to capture the conditions in Pine Valley early Friday. (Published Friday, May 8, 2015)

Despite the cold conditions, the hikers plan to cover 20 miles Friday.

NBC 7 Meteorologist Jodi Kodesh reported on the strange occurrance with updates from various high points around Southern California.

Six inches of snow fell on Big Bear with four inches reported at Blue Jay and Running Springs and three inches in Crestline.

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May Snow Storm on Mount Laguna

Mount Laguna was hit with a snow storm on May 8, 2015 – yes, in May. NBC 7's Elena Gomez speaks with visitors who were pleasantly surprised by the snowy conditions. (Published Friday, May 8, 2015)

John McWay with the Laguna Mountain Lodge sent images of the snowfall to NBC 7 saying he recalled a similar storm over Memorial Day several years ago.

McWay said he didn't recall the snow sticking to the ground like it was Friday.

Share your images or video of the storm by emailing to isee@nbcsandiego.com, #NBC7 on Twitter or Instagram or through our Facebook page.

Published at 10:27 AM PDT on May 8, 2015 | Updated at 11:55 AM PDT on May 8, 2015

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Homeowners Born Before 1985 Get A Huge Surprise
Clever Economy Quotes

Homeowners In California Must Claim Their Rebate Check Before September 30th!
The Better Finance

http://www.nbcsandiego.com/weather/stories/San-Diego-Snow-May-Storm-303090171.html 2/4

Fig A-22: NBC7 San Diego posted at 9:27am (10:27 PDT) on May 8, 2015 a report describing a spring storm affection east San Diego. The storm brought snow to the mountains

FIGURE A-23
LESLIE LOPEZ'S WEATHER DISCUSSION KUSI (MAY 8, 2015)
PAGE 1

9/7/2017 Leslie Lopez's Weather Discussion - Friday, May 8, 2015 - KUSI News - San Diego, CA

KUSI NEWS Site Web Search

Leslie Lopez's Weather Discussion - Friday, May 8, 2015

Posted: May 08, 2015 12:43 PM PDT
Updated: May 08, 2015 12:44 PM PDT

The heavy rainfall we experienced Friday morning is slowly diminishing and moving to the east. Looks like we will get one more heavy wave of rainfall between 1pm - 4pm this afternoon, then rain becomes lighter and more infrequent for the remained of the afternoon into the evening.

This second wave will move inland from the Pacific towards Coronado, then dive towards Chula Vista then Imperial Beach and move inland towards National City and La Mesa, further out to Jamul and eventually to the Mountains and Deserts where we are expecting to receive more rain along the foothills.

It is currently 12:30pm and so far here are some current rainfall totals:

Warner Springs - 1.00"

Kearney Mesa - .61"

Escondido - .82"

La Mesa - .44"

Point Loma .31"

Santee - .50"

Julian - .64"

La Jolla - .5"

Valley Center - .5"

There is also a Winter Weather Advisory. Mount Laguna has received an inch of snow. More snow is expected later today at the 6,000 feet and above.

A Wind Advisory is also in effect, but winds are currently dying down.

There is also a Marine Weather Statement as waterspouts and lightning are a possibility and mariners should take caution.

I am predicting by 6pm most showers will be on the way out of San Diego and only light lingering and scattered showers will remain through 10pm - 11pm.

Tomorrow morning, most areas will be clear and dry, however the mountains will have a delay in getting the sunshine, but it will arrive late morning - afternoon.

Mother's Day look exceptional and beautiful with partly cloudy skies, high 60's Coastal and low 70's Inland.

7-day outlook issued by the National Weather Service as of 12:30pm Friday:

TODAY - CLOUDY. SHOWERS AND SLIGHT CHANCE OF THUNDERSTORMS IN THE MORNING...THEN CHANCE OF SHOWERS IN THE AFTERNOON. HIGHS AROUND 65. LIGHT WINDS BECOMING WEST 15 MPH IN THE AFTERNOON.

TONIGHT - PARTLY CLOUDY. CHANCE OF SHOWERS IN THE EVENING, THEN SLIGHT CHANCE OF SHOWERS OVERNIGHT. LOWS 51 TO 56. LIGHT WINDS. CHANCE OF MEASURABLE PRECIPITATION 40 PERCENT.

SATURDAY - PARTLY CLOUDY. HIGHS 64 TO 69. LIGHT WINDS.

SATURDAY NIGHT - PARTLY CLOUDY. LOWS 50 TO 55. LIGHT WINDS.

SUNDAY - MOSTLY CLOUDY IN THE MORNING, BECOMING MOSTLY SUNNY. HIGHS 68 TO 73. LIGHT WINDS.

SUNDAY NIGHT - PARTLY CLOUDY IN THE EVENING, BECOMING MOSTLY CLOUDY. LOWS 52 TO 57.

http://www.kusi.com/story/29017131/leslie-lopezs-weather-discussion-friday-may-8-2015 1/2

Fig A-23: KUSI news posted at 11:43am (12:43 PDT) on May 8, 2015 reporting on the early morning rainfall and snow. According to the report Warner Springs received measureable rain, 1.00", while Mount Laguna received an inch of snow with more snow expected later in the day

FIGURE A-24
IMPERIAL COUNTY ISSUED NO BURN DAY

Imperial County Air Pollution Control District
Daily Weather and Ag. Burning Information

Date: Thursday, May 7, 2015

Yesterday's Weather Observations at Imperial Airport (ASOS) FAA/NWS

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	64	W 13	10
8 AM	68	W 13	10
9 AM	72	W 15	10
10 AM	75	WNW 15	10
11 AM	78	W 8	10
NOON	78	VRBL 6	10
1 PM	80	SW 6	10
2 PM	82	VRBL 7	10
3 PM	83	S 8	10
4 PM	84	SSW 10	10
5 PM	85	WSW 13	10
6 PM	80	W 21/G29	10
7 PM	74	W 24/G32	10

Max. Temperature yesterday was 87 degrees

Today's Mt. Signal Visibility at 7:30 AM Clear

NKX 12Z 500 MB Height _____

1Y7 12Z 500 MB Height _____

Forecasts

High Today 74-79

	Local Forecast (Issued 8 AM Local)		Computer Forecast (RUC 40KM 12Z)	
Est. Time Mixing Height reaches 3000 feet			10:00 a.m.	
Forecast of Maximum Mixing Height		feet	8200	feet
Forecast for Morning surface winds	W 10-20	mph	W 10-20	mph
Forecast for afternoon surface winds	W 20-30	mph	W 20-30	mph
Forecast for evening surface winds	W 20-30/G40	mph		
Forecast 10 AM - 3 PM transport winds	W 10-15	mph		

Comments/Complaints: Expecting High winds.

Burn Hours _____ ARB No Burn Day _____ District called No Burn Day XX

Total actually burned today _____ acres Crops burned _____

IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT 2011 Int WB

Fig A-24: Is a copy of the Imperial County Air Pollution Control District official record of the conditions as they existed for a determination of a "No Burn" day

FIGURE A-25
AIR QUALITY ALERT FOR NILAND

Imperial Valley Air Quality Alert

Niland - English Road

Thursday, May 7 - 6:00 PM
PM10 (24-hr average) AQI reached 102 - Unhealthy for Sensitive Groups

PM10 AQI 101-150 People with respiratory or heart disease, the elderly, and children are the groups most at risk, especially when they are physically active. There is an increased likelihood of respiratory symptoms in sensitive individuals, and aggravation of heart or lung disease and premature mortality in persons with cardiopulmonary disease and the elderly. U.S. EPA cautions that "people with heart or lung disease, older adults, and children should reduce prolonged or heavy exertion." 'Prolonged' generally means four or more hours with short rest periods. 'Heavy exertion' is that which would increase the resting breathing rate four fold or greater. You can reduce exposure to particulate material by: - Reducing the intensity and duration of your outdoor activities - Postponing outdoor activities to days when particulate levels are lower

Current Maximum AQI for Other Imperial Valley Cities

Brawley - 220 Main Street: Moderate (PM10)

Calexico - Ethel Street: Moderate (PM2.5)

El Centro - 9th Street: Good (Ozone)

This notification was issued by the Imperial Valley Air Pollution Control District. <

Fig A-25: A copy of the Air Quality alert issued for Niland on May 7, 2015

FIGURE A-26
IMPERIAL COUNTY AFFIDAVIT OF 30 PUBLIC NOTICE

AFFIDAVIT OF PUBLICATION
(2015.5 C.C.P.)

STATE OF CALIFORNIA

County of Imperial

I am a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk* of the printer of the

Imperial Valley Press

a newspaper of general circulation, printed and published daily in the City of El Centro, County of Imperial and which newspaper has been adjudged a newspaper of genera circulation by the Superior Court of the County of Imperial, State of California, under the date of October 9, 1951, Case Number 26775; that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

09/29 .

all in the year 2017

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Cassidy Mills
SIGNATURE

Name of Account: I C AIR POLLUTION CONTROL
Order Number: 11100666
Ad Number: 31315154

* Printer, Foreman of the Printer, or Principal Clerk of the Printer
Date: 29 th day of September, 2017.
at El Centro, California.

This space is for the County Clerk's Filling Stamp:

AIR POLLUTION CONTROL DISTRICT

NOTICE OF AVAILABILITY
OF THE DEMONSTRATION OF THE OCCURRENCE
OF TWO EXCEPTIONAL EVENTS (EE) FOR
APRIL AND MAY 2015

The Imperial County Air Pollution Control District (Air District) has prepared two Draft Exceptional Event (EE) Demonstrations which support the requested exclusion of the measured concentrations at the Niland monitor on April 24 and May 7, 2015. (See below).

April 24, 2015
Niland 24 hr concentration from the Federal Equivalent Method BAM monitor of 168.2 ug/m3

May 7, 2015
Niland 24 hr concentration from the Federal Equivalent Method BAM monitor of 210.2 ug/m3

The public and all interested parties are encouraged to review and comment on the Draft EE's for April 24, 2015 and May 7, 2015 which provide the supporting evidence that on the days indicated in April and May of 2015 the Niland monitor was impacted by elevated levels of particulate matter of an aerodynamic size less than 10 microns (PM10) caused by winds which followed weather systems that impacted Riverside, Imperial and San Diego counties. The Draft EE Demonstrations provide the scientific justification for the requested exclusions. The Air District is soliciting and accepting comments for 30 days commencing the date of the publication of this notice. The final closing date for submitting comments is November 1, 2017 by close of business.

The Draft EE's for April and May of 2015 are available for download at the Air District website at www.co.imperial.ca.us, under "Air Pollution". To view a hard copy of the Draft EE demonstration, please visit the Air Pollution Control District office at 150 S. 9th Street, El Centro. Should you have any questions or concerns please feel free to call our office between 8am and 5pm at (442) 265-1800 and ask for Monica N. Soucier.
L481 S29

RECEIVED
OCT 02 2017
AIR POLLUTION
CONTROL DISTRICT

Fig A-26: Is a copy of the Imperial County Air Pollution Control District official record (affidavit) affirming the publication of the notice of availability of the Exceptional Events Demonstration for May 7, 2015. The date for closing comments was November 1, 2017

FIGURE A-27
IMPERIAL COUNTY
COMMENTS REGARDING THE MAY 7, 2015 EE DEMONSTRATION

No comments were received.