

APPENDIX C PUBLIC INFORMATION AND OTHER NOTICES

**FIGURE C-1
NATIONAL WEATHER SERVICE PUBLIC ZONES**

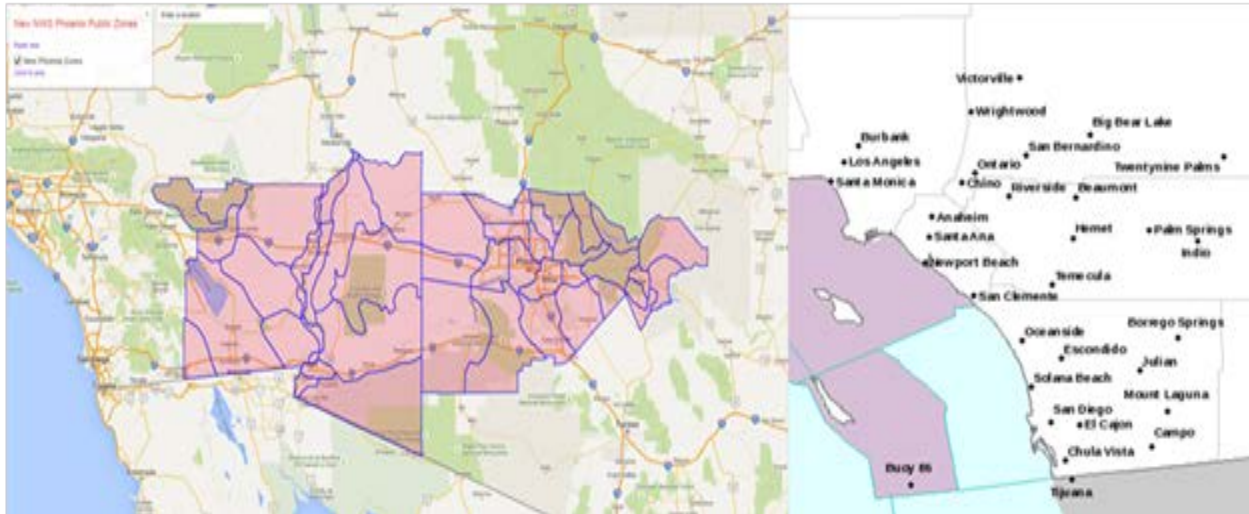


Fig C-1: Illustrates the public zones serviced by the National Weather Service Office in Phoenix and San Diego. Imperial County, including southeast sections of Riverside County are part of the reporting public zone areas from the Phoenix office

FIGURE C-2
IMPERIAL COUNTY WEB POSTING
OF POTENTIAL ELEVATED PM CONCENTRATIONS

Advisory Events

The information herein is NOT intended for use as a weather forecast. The Air District DOES NOT forecast but solely compiles information from both the Phoenix and San Diego National Weather Offices to relay information concerning potential changes in ambient air concentrations that may impact the public.

February 9, 2018 to February 12, 2018
Be Advised
<p>High wind levels have the potential to suspend particulate matter into the air. High levels of PM₁₀ may pose an impact to public health. It is recommended that active children and adults, and people with respiratory disease, such as asthma, limit their outdoor activities.</p> <p>Potential increases in PM₁₀ concentrations may increase to moderate or unhealthy level.</p>
Imperial County Weather Synopsis
<p>FIRE WEATHER</p> <p>A dry cold front will move into the Southwest Saturday night and produce a very dry offshore flow. Although a short duration event, the combination of low relative humidity and strong offshore winds over the Northern Inland Empire and along the slopes and foothills could generate red flag conditions early Sunday morning through early Sunday afternoon. Conditions will rapidly improve Sunday night into Monday as onshore flow kicks in, in advance of the next trough. Consult the fire weather watch for more details.</p> <p>http://forecast.weather.gov/wwamap/wwatxtget.php?cwa=sgx&wwa=fire%20weather%20watch</p> <p><u>DISCUSSION FROM THE SAN DIEGO OFFICE</u></p> <p>A low-pressure shortwave and trailing dry cold front moving through the interior west will put a dent in our giant ridge. That will help a coastal eddy develop tonight, which will help the marine layer to deepen. Coastal clouds will get into far western valleys Saturday morning with onshore flow not fully clearing Saturday. The energy from that shortwave will boost winds, mainly in the mountains and deserts during the afternoon and evening.</p> <p>Winds quickly turn offshore (northeast) Saturday night and strengthen behind that shortwave. That will bring somewhat strong offshore winds to Southern California, and somewhat chilly air to the high desert and mountains. Top wind gusts in the favored areas forecasted to exceed 50mph between midnight and midday Sunday.</p> <p>By midday Sunday, offshore winds will begin to decrease. A new shortwave follows a cutoff low just off the coast on Monday and Tuesday. That allows it to dip into the Pacific air and grab some moisture that could bring us showers.</p> <p><u>DISCUSSION FROM THE PHOENIX OFFICE</u></p> <p>A blocked atmospheric flow pattern will persist over much of the country the next couple of days. However, several shortwaves will crest a highly amplified east Pacific ridge and carve out a notable negative height anomaly affecting the forecast area next week. In the near term, height aloft will only gradually become depressed as the first positively tilted wave descends towards the four corners region. Negligible impacts on temperatures today with slight reduction in temperatures as the weekend continues.</p> <p>Overall, high pressure continues to hold in place for the remainder of the week. The first in a series of weather disturbances will sweep by the region early next week with better chances of rain arriving during the middle of the week.</p> <p>Phoenix Fire Weather</p> <p>A cold front will slide into the region Sunday yielding windy conditions through much of SE California and lower Colorado River Valley. While the strongest winds will occur early Sunday morning when humidity levels are higher, an enhanced fire danger will exist solely on the gusty north winds.</p>

Weather Story Phoenix Station

Weather Story San Diego Station

FIGURE C-3
SAN DIEGO WEATHER STORY FEBRUARY 10, 2018

Weather Story
 Click image below for larger version

Santa Ana Winds Showers Next Week This Day in History

Santa Ana Winds

Late Tonight through Early Sunday Afternoon

Details:

- Winds:**
Northeast to East winds 20 to 30 mph with gusts of 50 mph. Isolated gusts to 65 mph.
- Humidity:**
Falling to 5 to 10 percent.
- Locations:**
Coastal slopes/foothills and through and below mountain passes and canyons.
- Timing:**
Winds developing late this evening and strengthen into Sunday morning before diminishing Sunday afternoon.

Credit: Tod Sudmeier

Impacts:

- Elevated to Critical Fire Weather Conditions**
- Strong cross-winds creating hazardous driving conditions for high profile vehicles. This includes the following highways:

- Broken tree limbs and other debris on the roadways



National Weather Service
San Diego, CA

Follow Us:   



Weather Forecast Office
San Diego, CA
2/10/2018 10:48 am PST

Follow Us:   

weather.gov/SanDiego

A brief period of moderate to strong Santa Ana winds will push into Southern California late tonight through early Sunday afternoon before weakening. The winds will clear out the marine layer clouds and bring dry and windy conditions, resulting in elevated to critical fire weather conditions and strong cross-winds along certain roadways. A Red Flag Warning is in effect from 10 pm tonight to 1 pm Sunday for the Riverside and San Bernardino County mountains and passes, the Inland Empire, and the Santa Ana mountains/foothills.

Fig C-3: As early as February 10, 2018, the NWS San Diego office issued a Weather Story forecast graphic advising of high Santa Ana winds across the region



FIGURE C-5
SAN DIEGO WEATHER STORY FEBRUARY 11, 2018



Fig C-5: On February 11, 2018, the NWS San Diego office issued a Weather Story forecast graphic advising of high Santa Ana winds across southern California

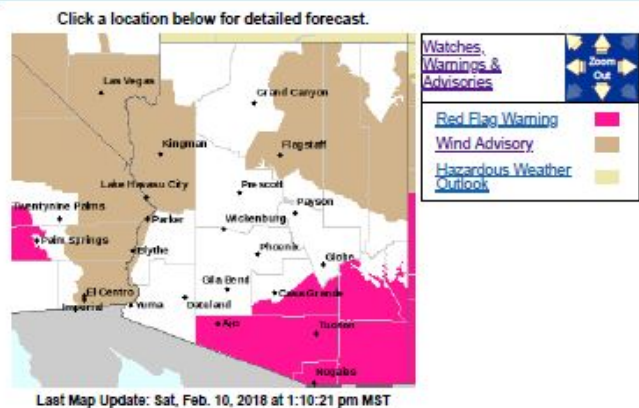
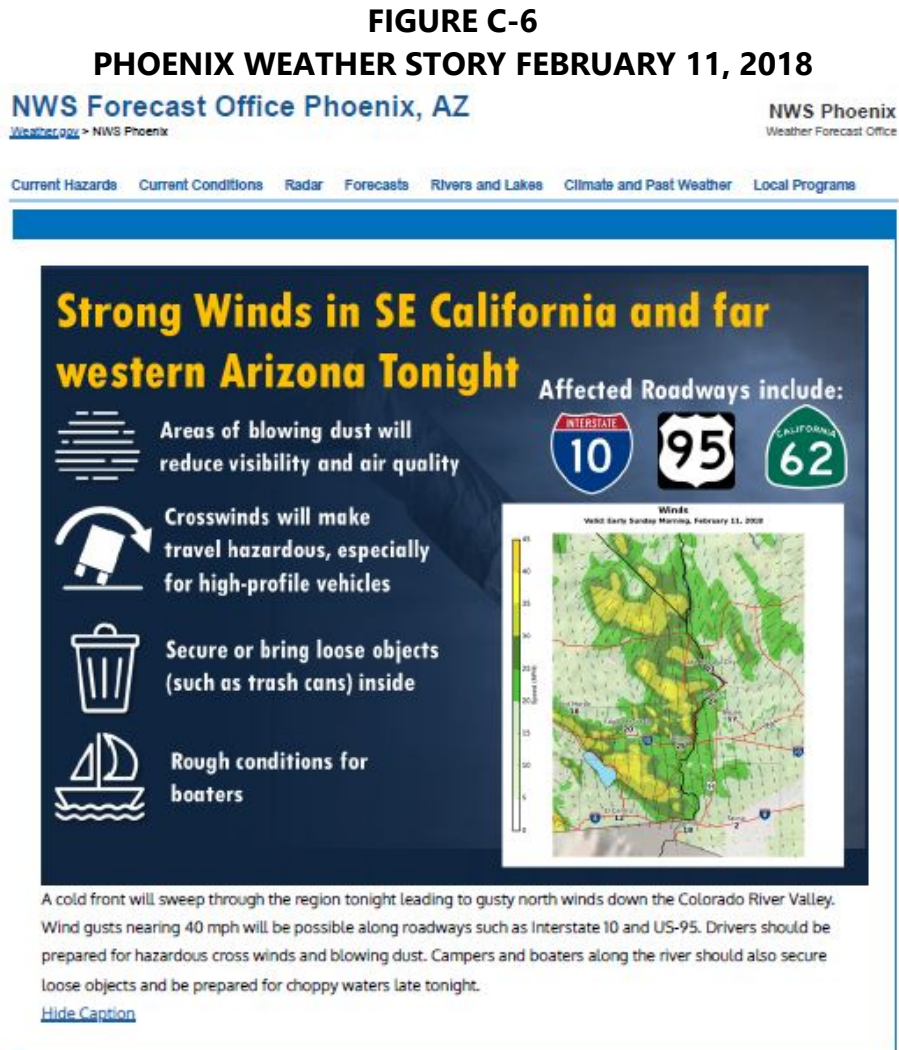


Fig C-6: On February 11, 2018, the NWS Phoenix office issued a Weather Story forecast graphic advising of high Santa Ana winds across southeastern California

FIGURE C-7 DAILY WEATHER AND AG BURNING INFORMATION

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

Date: Sunday February 11, 2018

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

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	53	S 7	10
8 AM	57	SE 11	10
9 AM	64	SE 10	10
10 AM	70	SSE 9	10
11 AM	74	ESE 6	10
NOON	77	SE 7	10
1 PM	78	ENE 3	10
2 PM	79	NNE 3	10
3 PM	80	CALM	10
4 PM	80	CALM	10
5 PM	75	NNW 5	10
6 PM	68	NNW 3	10
7 PM	68	NNW 6	10
Max. Temperature yesterday was		80	degrees

Today's Mt. Signal Visibility at 7:30 AM Hazy NKX 12Z 500 MB Height

1Y7 12Z 500 MB Height

Forecasts**High Today** 74Local Forecast
(Issued 8 AM Local)Computer Forecast
(RUC 40KM 12Z)

Est. Time Mixing Height reaches 3000 feet

9:00am

Forecast of Maximum Mixing Height

feet 3600 feet

Forecast for Morning surface winds

NNW 5-10 mph NNW 5-10 mph

Forecast for afternoon surface winds

NNW 5-10 mph NNW 5-10 mph

Forecast for evening surface winds

SW 5 mph

Forecast 10 AM - 3 PM transport winds

5-12 mph

 Comments/Complaints: Air quality is moderate all across the county, per APCO recommendation
 call a No Burn day..

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 C-7: 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 on February 11, 2018

**FIGURE C-8
AIRQUALITY INDEX**

Air Quality Index Levels of Health Concern	Numerical Value	Meaning
Good	0 to 50	Air quality is considered satisfactory, and air pollution poses little or no risk.
Moderate	51 to 100	Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.
Unhealthy for Sensitive Groups	101 to 150	Members of sensitive groups may experience health effects. The general public is not likely to be affected.
Unhealthy	151 to 200	Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.
Very Unhealthy	201 to 300	Health alert: everyone may experience more serious health effects.
Hazardous	301 to 500	Health warnings of emergency conditions. The entire population is more likely to be affected.

Fig C-8: The Air Quality Index AQI is an index for reporting daily air quality. It tells you how clean or polluted your air is, and what associated health effects might be a concern for you. The AQI focuses on health affects you may experience within a few hours or days after breathing polluted air. EPA calculates the AQI for five major air pollutants regulated by the Clean Air Act: ground-level ozone, particle pollution (also known as particulate matter), carbon monoxide, sulfur dioxide, and nitrogen dioxide. For each of these pollutants, EPA has established national air quality standards to protect public health. Ground-level ozone and airborne particles are the two pollutants that pose the greatest threat to human health in this country. Source:

<https://airnow.gov/index.cfm?action=aqibasics.aqi>

FIGURE C-9 IMPERIAL COUNTY AFFIDAVIT OF 30 DAY 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 general 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:

09/09.

all in the year 2019

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



SIGNATURE

Name of Account: I C AIR POLLUTION
CONTROL
Order Number: 11322989
Ad Number: 31572042

* Printer, Foreman of the Printer, or Principal Clerk of the Printer
Date: 10 th day of September, 2019.
at El Centro, California.

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

NOTICE OF AVAILABILITY OF THE DEMONSTRATION OF THE OCCURRENCE OF THREE EXCEPTIONAL EVENTS (EE)	
<p>The Imperial County Air Pollution Control District (Air District) has prepared three Draft Exceptional Event (EE) Demonstrations, which support the requested exclusion of measured 24-hour concentrations at the Air District air monitoring sites. Listed below by date, site and concentration as measured by a continuous Federal Equivalent Method monitor (FEM) are the three Draft EE's.</p>	
<p><u>January 20, 2018</u> Brawley-163 µg/m³; Calexico -225 µg/m³</p>	<p><u>February 11, 2018</u> Calexico-172 µg/m³;</p>
<p><u>February 19, 2018</u> Brawley-224 µg/m³; Calexico-182 µg/m³; El Centro-230 µg/m³; Niland-193 µg/m³</p>	
<p>The public and all interested parties are encouraged to review and comment on the three Draft EE's listed above. These demonstrations provide the supporting evidence that on the days indicated for 24-hour Air District air monitors were affected by transported elevated levels of particulate matter of an aerodynamic size less than 10 microns (PM₁₀). Winds, associated with a weather event suspended and transported PM₁₀ into the region affecting areas within San Diego, Riverside, Yuma and Imperial counties. The three Draft EE's 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 October 10, 2019 by close of business.</p>	
<p>The three Draft EE's for the days listed above are available for download at the Air District website https://apcd.imperialcounty.org/public-notices/ (under Public Notices; Exceptional Events). To view a hard copy of any of the four Draft EE's, please visit the Air Pollution Control District office at 100 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) 285-1800 and ask for Monica N. Soucier.</p>	
L150	S9

Fig C-9: 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 February 11, 2018. The date for closing comments was October 10, 2019

FIGURE C-10
IMPERIAL COUNTY COMMENTS REGARDING THE FEBRUARY 11, 2018 EE
DEMONSTRATION

Awaiting Final Comment Period