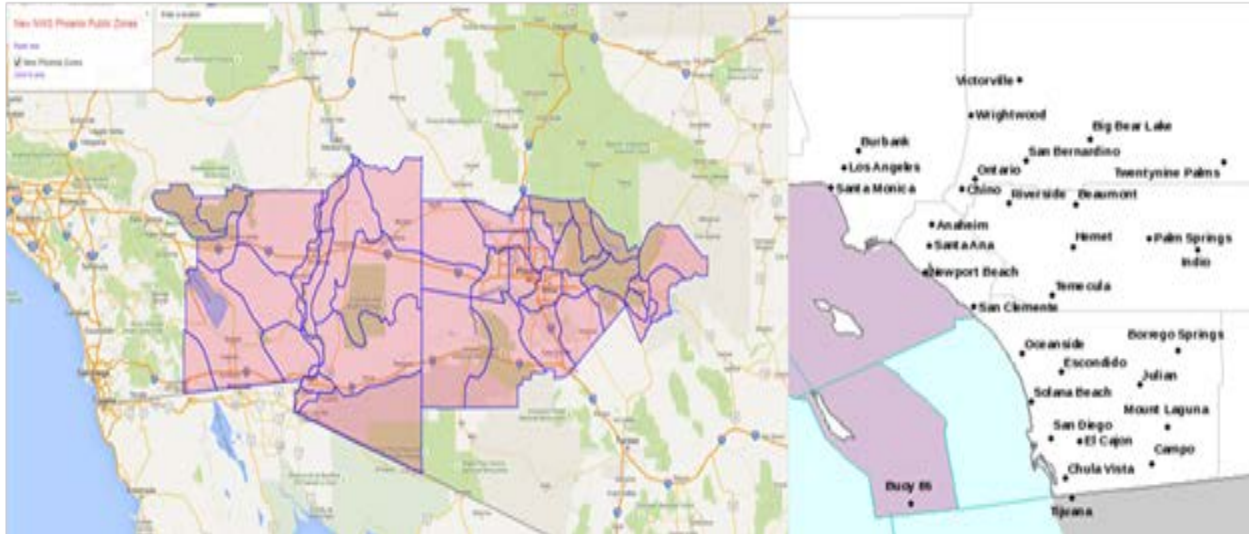


## APPENDIX C PUBLIC INFORMATION AND OTHER NOTICES

### 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.

<b>January 18 2018</b>	
<b>Be Advised</b>	
<p><b>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.</b></p> <p><b>Potential increases in PM<sub>10</sub> concentrations may increase to moderate or unhealthy level.</b></p>	
<b>Imperial County Weather Synopsis</b>	
<p><b>IMPERIAL COUNTY</b> Light southwest-to-west winds will prevail across most of the county through Friday morning, then become much stronger into Friday afternoon. High temperatures will reach into the mid to upper 70s.</p> <p><b><u>SYNOPSIS FROM THE SAN DIEGO OFFICE</u></b> It looks like another fantastic day is on tap across southern California, thanks to a high pressure ridge aloft. However, a fast-moving trough is set to kick off the weekend. This system will have limited moisture, but will produce gusty winds in the mountains and deserts, and drop temperatures sufficiently for some light snowfall in the mountains later Friday into early Saturday. Look for snowfall over the higher mountains Friday night into Saturday morning. Accompanying the snow will be gusty westerly winds. A Winter Weather Advisory has been issued. Weekend travelers should check the latest forecast and road conditions before heading out. It will be noticeably cooler all areas through Sunday, then a bit warmer into the first half of next week as afternoon high temperatures slowly return to near average values.</p> <p><b><u>SYNOPSIS FROM THE PHOENIX OFFICE</u></b> High pressure will prevail across the region through Friday with above normal temperatures and dry conditions. A notable storm system will move into the Southwest late Friday and into Saturday. An approaching cold front will race through the western deserts Friday night, then move through south-central Arizona during the day on Saturday. While it still does not look like a very wet system, it will result in increasing winds and a significant drop in temperatures. Gradients will tighten Friday afternoon, leading to breezy or locally windy conditions mainly over far southeast California, with gusts over 30 mph expected in the favored higher terrain locations west of the lower Colorado River valley. After a cool Saturday and Sunday, temperatures will slowly rebound heading into the first part of next week.</p>	
<b>Weather Story Phoenix Station</b>	<b>Weather Story San Diego Station</b>



**Fig C-2:** 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

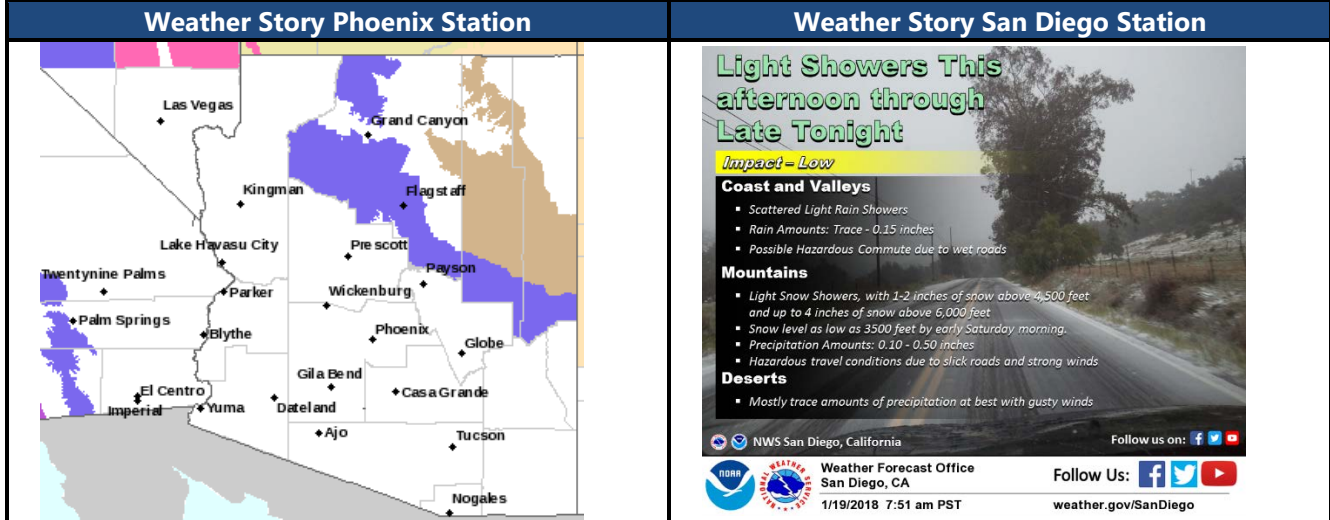
**FIGURE C-3  
IMPERIAL COUNTY WEB POSTING  
OF POTENTIAL ELEVATED PM CONCENTRATIONS**

# 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.

<b>January 19, 2018 to January 22, 2018</b>
<b>Be Advised</b>
<p><b>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.</b></p> <p><b>Potential increases in PM<sub>10</sub> concentrations may increase to moderate or unhealthy level.</b></p>
<b>Imperial County Weather Synopsis</b>
<p>STRONG BUT FAST-MOVING STORM SYSTEM TO MOVE THROUGH SOUTHERN CALIFORNIA THIS WEEKEND.</p> <p><b>IMPERIAL COUNTY</b>                  Mostly sunny conditions with light winds in the morning will turn cloudy with increasing winds by Friday afternoon. However, highs will be 70 to 75. Light southwest winds in the morning will increase to 10 to 20 mph in the afternoon with gusts up to 30 mph. Friday night will be partly cloudy with a slight chance of measurable rain of 20 percent. Temperatures will drop Friday night to 48 to 58 degrees, while winds will increase to 20 to 30 mph. Gusts may reach up to 40 mph. For Saturday, skies will clear somewhat but it will remain windy across southeast California and Imperial County. West winds will be 20 to 30 mph with gusts up to 40 mph. Highs will only reach 58 to 63 degrees. Saturday night will be clear, windy and colder. Lows will drop to 39 to 49 degrees. Westerly winds will remain strong up to 15 to 25 mph in the evening and decreasing to 5 to 10 mph after midnight. Gusts will be up to 40 mph in the evening. On Sunday things should settle down. Winds should lessens and temperatures should start to climb a bit into next week.</p> <p><b><u>SYNOPSIS FROM THE SAN DIEGO OFFICE</u></b>                  Through Saturday a low pressure system will move inland through California and into Arizona bringing stronger onshore flow with cooling. There will be strong gusty west winds in the mountains and deserts and scattered mostly light showers along and west of the mountains for Friday afternoon into Saturday morning. Rainfall is expected to range from less than one tenth inch near the coast to one tenth to one quarter inch in the mountains with local amounts to around one half inch. Snow levels above 7000 feet will lower to around 5500 to 6000 feet during the late afternoon to around 4500 feet during the evening and around 3500 feet by Saturday morning with a few inches of snowfall mostly above 4500 feet. Sunday through Wednesday will see a drying and warming trend.</p> <p><b><u>SYNOPSIS FROM THE PHOENIX OFFICE</u></b>                  High pressure will prevail across the region today with above normal temperatures and dry conditions. A notable storm system will move into the Southwest later today and into Saturday. While it still does not look like a very wet system, it will result in increasing winds and a significant drop in temperatures. Breezy</p>

southwest to west winds develop over the western deserts Friday afternoon with some windy conditions over favored higher terrain locations in far SE California, such as Joshua Tree NP. Winds should stay below wind advisory thresholds. After a cool Saturday and Sunday, temperatures will slowly rebound heading into the first part of next week.



**Fig C-3:** 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-4**  
**SAN DIEGO NWS WEATHER STORY JANUARY 18, 2018**

**Weather Story**  
 Click image below for larger version

High Surf
Weak Storm Friday
Precip Forecast
This Day in History

# Light Showers Friday

**Impact - Low**

**Coast and Valleys**

- Scattered Light Rain Showers
- Rain Amounts: Trace - 0.15 inches
- Possible Hazardous Commute due to wet roads

**Mountains**

- Light Snow Showers above 5,000 - 6,000 ft
- Precipitation Amounts: 0.05 - 0.25 inches, locally 0.50 inches
- Hazardous travel conditions due to wet roads and strong winds

**Deserts**

- Measurable rain not forecast, breezy winds expected



NWS San Diego, California

Follow us on:








**Weather Forecast Office**  
 San Diego, CA

1/18/2018 3:35 am PST

**Follow Us:**





[weather.gov/SanDiego](http://weather.gov/SanDiego)

A trough of low pressure will bring some light precipitation over and west of the mountains on Friday, as well as strong winds in the mountains and desert slopes.

**Fig C-4:** Illustrates the strong winds forecast on the desert mountain slopes

### FIGURE C-5 SAN DIEGO NWS WEATHER STORY JANUARY 19, 2018

#### NWS Forecast Office San Diego, CA

[Weather.gov](#) > San Diego, CA

San Diego, CA  
Weather Forecast Office

[Current Hazards](#) [Current Conditions](#) [Radar](#) [Forecasts](#) [Rivers and Lakes](#) [Climate and Past Weather](#) [Local Programs](#)

## Light Showers This afternoon through Late Tonight

**Impact - Low**

**Coast and Valleys**

- Scattered Light Rain Showers
- Rain Amounts: Trace - 0.15 inches
- Possible Hazardous Commute due to wet roads

**Mountains**

- Light Snow Showers, with 1-2 inches of snow above 4,500 feet and up to 4 inches of snow above 6,000 feet
- Snow level as low as 3500 feet by early Saturday morning.
- Precipitation Amounts: 0.10 - 0.50 inches
- Hazardous travel conditions due to slick roads and strong winds

**Deserts**

- Mostly trace amounts of precipitation at best with gusty winds

NWS San Diego, California Follow us on: [f](#) [t](#) [v](#)



Weather Forecast Office  
San Diego, CA

1/19/2018 7:51 am PST

Follow Us: [f](#) [t](#) [v](#)

[weather.gov/SanDiego](http://weather.gov/SanDiego)

A trough of low pressure will bring some light precipitation over and west of the mountains on this afternoon through late tonight, as well as strong winds in the mountains and desert slopes. Hazardous travel conditions will be possible in some areas due to wet/slick roads.

**Fig C-5:** Describes the low pressure system forecast to bring strong winds

**FIGURE C-6  
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-6:** 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-7 DAILY WEATHER AND AG. BURNING INFORMATION

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

Date: Saturday, January 20, 2018

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

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	46	CALM	10
8 AM	53	CALM	10
9 AM	60	SE 3	10
10 AM	64	SE 3	9
11 AM	69	E 5	10
NOON	72	E 9	10
1 PM	75	ESE 10	10
2 PM	77	SE 8	10
3 PM	79	SE 8	10
4 PM	77	SE 10	10
5 PM	74	S 8	10
6 PM	67	WSW 7	10
7 PM	67	W 16/G 21	10

Max. Temperature yesterday was 80 degrees

Today's Mt. Signal Visibility at 7:30 AM Clear NKX 12Z 500 MB Height \_\_\_\_\_  
 1Y7 12Z 500 MB Height \_\_\_\_\_

**Forecasts**  
**High Today** 61 to 66      Local Forecast (Issued 8 AM Local)      Computer Forecast (RUC 40KM 12Z)

	10:00 am	10:00 am
Est. Time Mixing Height reaches 3000 feet	<u>11,500</u>	<u>9,842</u>
Forecast of Maximum Mixing Height	<u>11,500</u> feet	<u>9,842</u> feet
Forecast for Morning surface winds	<u>W 15-25/G 35</u> mph	<u>W 10-20</u> mph
Forecast for afternoon surface winds	<u>W 15-25/G 35</u> mph	<u>W 10-20</u> mph
Forecast for evening surface winds	<u>W 5-10/G 20</u> mph	
Forecast 10 AM - 3 PM transport winds	<u>WNW 20-25</u> mph	

Comments/Complaints: Windy/Breezy today in Imperial County!!!

---

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 CM

**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 January 10, 2018

**FIGURE C-8  
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)**

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.

<u>January 20, 2018</u> Brawley-163 µg/m3; Calexico -225 µg/m3	<u>February 11, 2018</u> Calexico-172 µg/m3;
<u>February 19, 2018</u> Brawley-224 µg/m3; Calexico-182 µg/m3; El Centro-230 µg/m3; Niland-193 µg/m3	

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 the 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.

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**). View a hard copy of any of the four Draft EE's, please visit the Air Pollution Control District office at 1015 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.

L150 S9

**Fig C-8:** 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 January 20, 2018. The date for closing comments was October 10, 2019

**FIGURE C-9  
IMPERIAL COUNTY COMMENTS REGARDING THE JANUARY 20, 2018 EE  
DEMONSTRATION**

Awaiting Final Comment Period