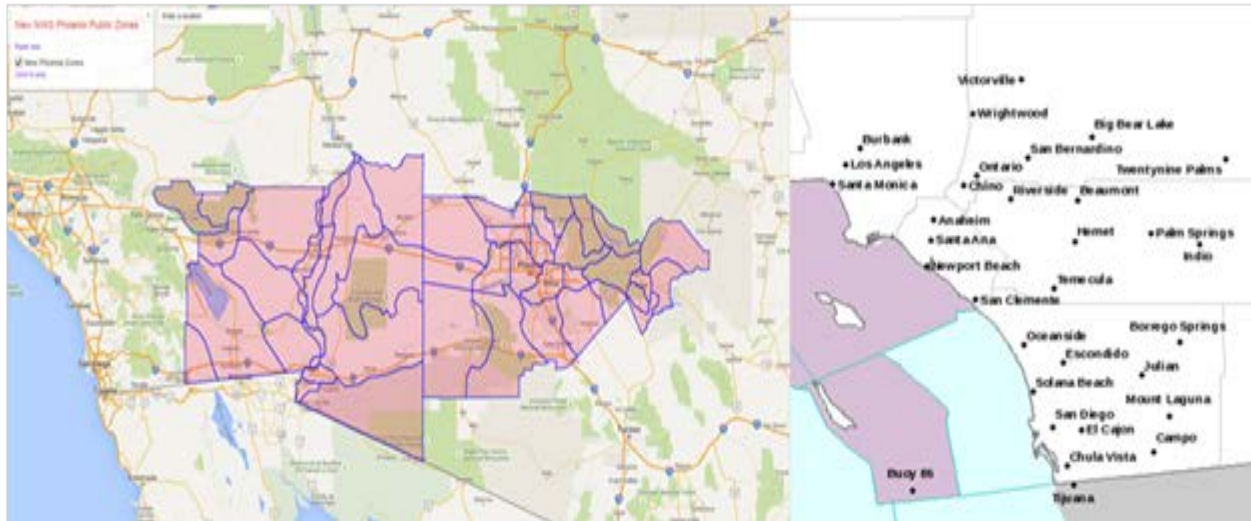


## APPENDIX C PUBLIC INFORMATION AND OTHER NOTICES

**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.

May 23 2018
Be Advised
<p><b>High wind levels have the potential to suspend particulate matter into the air. High levels of PM<sub>10</sub> 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>
Imperial County Weather Synopsis
<p><b>IMPERIAL COUNTY</b></p> <p>Winds are expected to increase across Imperial County on Friday and Saturday as a low pressure system moves through the region.</p> <p>For Wednesday, May 23, winds across Imperial County today should be light to moderate. Generally, southeast winds of 5-15 mph in the morning will become south to southwest during the night.</p> <p>Temperatures across the county will peak in the low to mid-90s.</p> <p><b><u>WEATHER SAN DIEGO OFFICE</u></b></p> <p>Seasonal weather for the latter part of May will continue with onshore flow keeping coastal and valley areas cooler with night and morning low clouds and fog lingering near the coast some afternoons. The marine layer will become a little shallower through Thursday then deepen for Friday and Saturday then become gradually shallower through early next week. There will be gusty southwest to west winds in the mountains and deserts each late afternoon through late evening, strongest on Friday and Saturday. Inland high temperatures will cool through Saturday to 10 to 15 degrees below average then warm early next week returning to around average on Tuesday.</p> <p><b><u>WEATHER PHOENIX OFFICE</u></b></p> <p>Breezy conditions are likely Friday and Saturday as a low pressure system moves into northern Arizona. Winds will increase ahead of the low on Friday and Saturday with the strongest wind gusts of 25-30 mph on Saturday. Southwestern Imperial County will see wind gusts closer to 40 mph Friday night and again Saturday evening with some patchy blowing dust a possibility. The stronger winds and continued dry conditions on Saturday should result in another day of enhanced fire danger, but for now it looks like winds will fall short of Red Flag criteria. Quiet weather is expected across the area through next week with near normal temperatures and dry</p>

conditions in the forecast. This system will hang around through the weekend keeping high temperatures in the 90s. Warmer temperatures are likely for the first part of next week with highs just over 100 degrees.

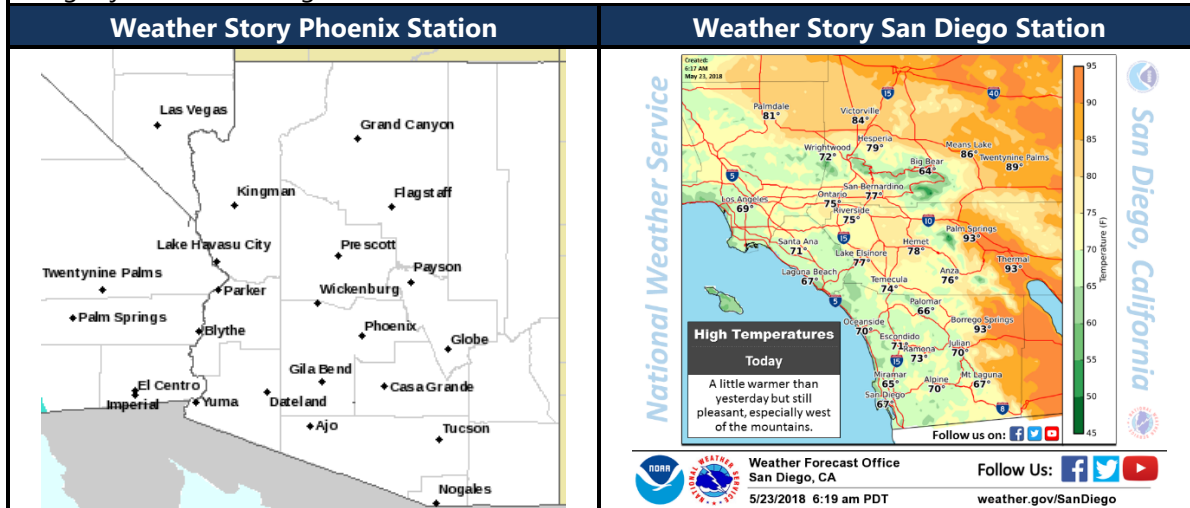


Fig C-2: A copy of the ICAPCD webpage advisory

**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.

May 24 2018
Be Advised
<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>
Imperial County Weather Synopsis
<p><b>IMPERIAL COUNTY</b></p> <p>Calm today, winds picking up for Friday.</p> <p>A trough off the California coast will deepen into Friday as it moves eastward, reaching the central California coast by Friday afternoon. As the trough approaches the Desert Southwest on Friday, winds will become breezy area wide and at times windy across southeast California. Wind gusts will approach 40 mph at times across far western Imperial County starting Friday evening with some patchy blowing dust a possibility into the Imperial Valley.</p> <p>For Thursday, May 24, winds across Imperial County will range from the southeast to the west today. Winds will be 5-15 mph, with the southwest portion of the county experiencing slightly higher winds. Temperatures on Thursday will peak in the mid to upper-90s.</p> <p>Winds will start to pick up Thursday night and increase on Friday and remain breezy into Saturday.</p> <p><b><u>WEATHER SAN DIEGO OFFICE</u></b></p> <p>A slow moving low pressure system moving inland through California will maintain a deeper marine layer and stronger onshore flow into the weekend. Into Saturday there be some drizzle for coastal and valley areas during nights and mornings with limited or no afternoon clearing towards the coast. There will be periods of stronger and gusty southwest to west winds for the mountains and deserts from Friday afternoon into Saturday evening. For Sunday through Tuesday low pressure over the western states will weaken. There will be a warming trend away from the coast with high temperatures for the deserts warming to around 5 degrees above average for Monday and Tuesday. Night and morning coastal low clouds will extend into portions of the valleys with afternoon clearing getting closer to the coast.</p> <p><b><u>WEATHER PHOENIX OFFICE</u></b></p> <p>A trough off the California coast will deepen into Friday as it moves eastward, reaching the central</p>

California coast by Friday afternoon. As the trough approaches the Desert Southwest on Friday, winds will become breezy area wide and at times windy across southeast California. Wind gusts will approach 40 mph at times across far western Imperial County starting Friday evening with some patchy blowing dust a possibility into the Imperial Valley. The lowering heights aloft will bring some slight cooling on Friday, but mainly across southeast California as highs will still reach into the upper 90s across the south-central Arizona deserts. Otherwise, quiet weather is expected across the area through next week with near normal temperatures and dry conditions in the forecast.

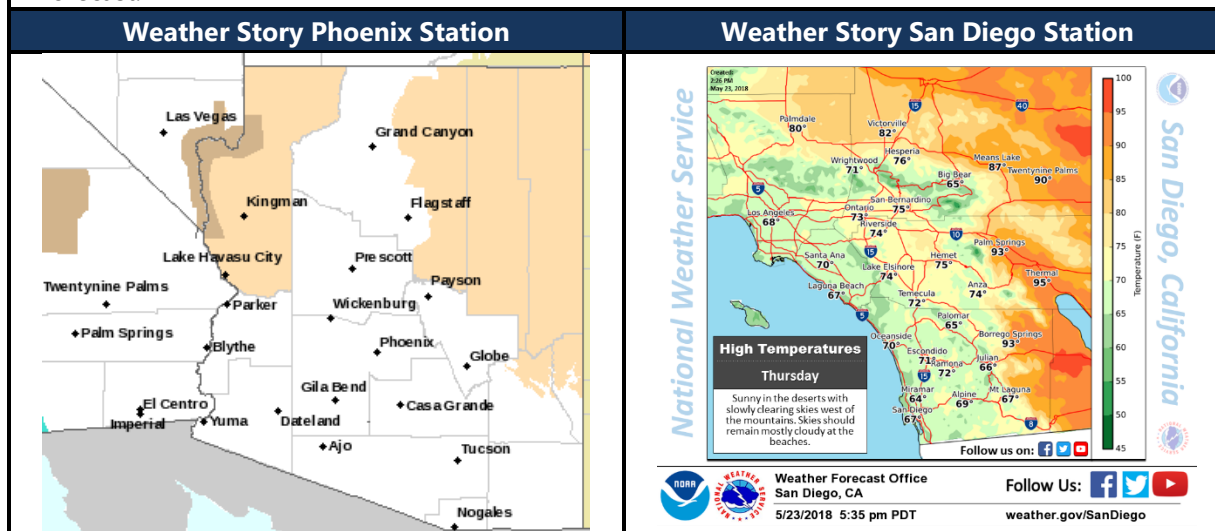


Fig C-3: A copy of the ICAPCD webpage advisory

**FIGURE C-4**  
**IMPERIAL COUNTY WEB POSTING**  
**OF POTENTIAL ELEVATED PM CONCENTRATIONS**

## Advisory Events

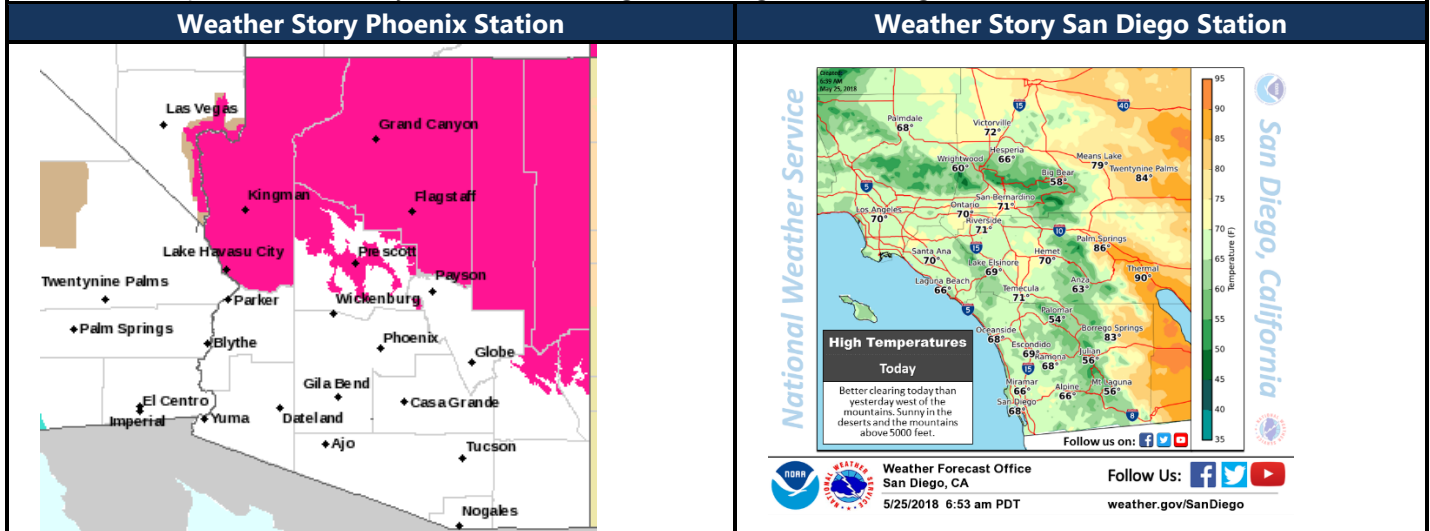
The information herein is NOT intended for use as a weather forecast. The Air District DOES NOT forecast but solely compiles information from both the Phoenix and San Diego National Weather Offices to relay information concerning potential changes in ambient air concentrations that may impact the public.

May 25 2018
Be Advised
<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>
Imperial County Weather Synopsis
<p><b>IMPERIAL COUNTY</b></p> <p>Outlook: Breezy to windy Friday, May 25, and Saturday, May 26.</p> <p>A low just off the California coast is forecast to move inland into the greater southwest starting Friday and continuing through Saturday. As gradients tighten we will see breezy to locally windy conditions develop in the afternoon, especially over wind prone areas in southwest Imperial County. Gusts over 30 mph will stir up a bit of blowing dust especially from El Centro westward for much of the night on Saturday night. The low will weaken and start to lift to the north Sunday but temperatures will stay below seasonal normals and in the 90s over the lower deserts.</p> <p>For Friday, May 25, Imperial County will experience breezy to outright windy conditions.</p> <p>The southeast portion of Imperial County and Imperial Valley will see west winds of 10-20 mph with gusts up to 30 mph by Friday evening.</p> <p>Imperial Valley will see west winds of 15-25 mph on Friday.</p> <p>The western portion of Imperial County will experience west winds of 10-20 mph in the morning increasing to 20-30 mph Friday evening. There will be instances of blowing dust during the night.</p> <p>The southwest portion of Imperial County will be windy with west winds of 20-30 mph and gusts up to 45 mph in the morning, increasing to 20-35 mph with gusts up to 45 mph by night fall. Patchy blowing dust and sand should be expected.</p> <p>Winds across Imperial County are likely to increase on Saturday, May 26.</p> <p><b><u>WEATHER SAN DIEGO OFFICE</u></b></p> <p>A low pressure system moving inland through California will continue cooler than average weather through Saturday with coastal low clouds extending onto the coastal mountain slopes with patchy night and morning</p>

drizzle. A warming trend will follow for Sunday through Tuesday with coastal low clouds only extending into portions of the valleys for Monday through Wednesday.

### **WEATHER PHOENIX OFFICE**

Near normal temperatures and dry weather will persist over the region through the holiday weekend, though breezy conditions will be common today and Saturday as a low pressure system moves into northern Arizona. Warmer temperatures are likely next week with highs reaching over 100 degrees for most communities.



**Fig C-4:** A copy of the ICAPCD webpage advisory



## FIGURE C-5 NOAA SMOKE TEXT PRODUCT MAY 25, 2018 1830 PST

Friday, May 25, 2018

DESCRIPTIVE TEXT NARRATIVE FOR SMOKE/DUST OBSERVED IN SATELLITE  
IMAGERY THROUGH 0230Z, May 26, 2018.

**SMOKE:**

New Mexico/Southern Colorado/Northwestern Texas...

A large wildfire complex in the Gila Forest of west-central New Mexico produced a dense smoke plume which fanned out to the east across western and central New Mexico. A larger surrounding area of thin density smoke mainly from this fire spread across a good portion of the remainder of New Mexico as well as southern Colorado and northwestern Texas.

**Utah...**

A significant fire was detected during the afternoon in Piute County of south central Utah which produced a large moderately dense to thick smoke plume which fanned out and moved rapidly to the north and northeast with the leading edge of the smoke reaching into far southeastern Idaho and southwestern Wyoming just before sunset.

**Northeastern US/Mid-Atlantic/North Central US/Much of Canada...**

Wildfires scattered across western and central Canada from the southwest part of the Northwest Territories and British Columbia into Manitoba were emitting plumes of moderate to thick density during the afternoon with the newer smoke generally moving to the east. Residual smoke from these fires and other fires over south central Canada were responsible for a very large area of varying density remnant smoke. This area covers Canada from the southern Northwest Territories and eastern British Columbia through southern Quebec and southeast from there into New England and the Mid-Atlantic out over the open Atlantic. The southern edge of the smoke also has shifted southward over northern Montana, North Dakota, and Minnesota.

**Mexico/Pacific Ocean...**

Seasonal fires were responsible for a large mass of thin to moderately dense smoke which covered much of southern Mexico and extended offshore to the south over the Pacific. A more narrow axis of smoke also stretched farther to the north over western and northwestern Mexico where fire activity has been more concentrated.

**DUST:**

Southwestern US...

Rather subtle areas of blowing dust were noted resulting from locally strong gusty winds over west central and central Nevada, southern California near and south of the Salton Sea, far southeastern Nevada, and northwestern Arizona.

JS

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

**Fig C-5:** Is a copy of a NOAA Smoke Text Product identifying blowing dust across southeastern California near the Salton Sea



**FIGURE C-6  
AIR QUALITY INDEX**

<b>Air Quality Index Levels of Health Concern</b>	<b>Numerical Value</b>	<b>Meaning</b>
<b>Good</b>	<b>0 to 50</b>	<b>Air quality is considered satisfactory, and air pollution poses little or no risk.</b>
<b>Moderate</b>	<b>51 to 100</b>	<b>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.</b>
<b>Unhealthy for Sensitive Groups</b>	<b>101 to 150</b>	<b>Members of sensitive groups may experience health effects. The general public is not likely to be affected.</b>
<b>Unhealthy</b>	<b>151 to 200</b>	<b>Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.</b>
<b>Very Unhealthy</b>	<b>201 to 300</b>	<b>Health alert: everyone may experience more serious health effects.</b>
<b>Hazardous</b>	<b>301 to 500</b>	<b>Health warnings of emergency conditions. The entire population is more likely to be affected.</b>

**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 effects 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: Friday May 25, 2018

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

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	69	ESE 3	10
8 AM	72	ESE 5	10
9 AM	76	CALM	10
10 AM	81	CALM	10
11 AM	83	E 6	10
NOON	86	-	10
1 PM	89	E 6	8
2 PM	92	E 11	10
3 PM	94	SSE 8/G 17	10
4 PM	96	ESE 16/G 22	10
5 PM	95	SE 13/G 25	10
6 PM	94	SE 13	10
7 PM	92	SE 13	10

Max. Temperature yesterday was 96 degrees

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

**Forecasts**

**High Today** 91 to 96

	Local Forecast (Issued 8 AM Local)	Computer Forecast (RUC 40KM 12Z)
Est. Time Mixing Height reaches 3000 feet	-	11:00 am
Forecast of Maximum Mixing Height	- feet	6,725 feet
Forecast for Morning surface winds	NW 10-20/G 52 mph	W 10-20 mph
Forecast for afternoon surface winds	NW 10-20/G 25 mph	W 10-20/G25 mph
Forecast for evening surface winds	W 10 20/G 30 mph	
Forecast 10 AM - 3 PM transport winds	W 10-20 mph	

Comments/Complaints: Breezy/Windy 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 May 25, 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:

09/20.

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: 11324959  
Ad Number: 31574360

\* Printer, Foreman of the Printer, or Principal Clerk of the Printer  
Date: 21 st day of September, 2019.  
at El Centro, California.

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

  
AIR POLLUTION CONTROL DISTRICT

**NOTICE OF AVAILABILITY  
OF THE DEMONSTRATION OF THE OCCURRENCE  
OF SEVEN EXCEPTIONAL EVENTS (EE)**

The Imperial County Air Pollution Control District (Air District) has prepared seven 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 seven Draft EE's.

<b>April 11-12, 2018</b> Niland-161 µg/m <sup>3</sup> ; Brawley-183 µg/m <sup>3</sup> ; Calxico -182 µg/m <sup>3</sup> ; El Centro-159 µg/m <sup>3</sup> ;	<b>April 16, 2018</b> Brawley-407 µg/m <sup>3</sup> ; Calxico-407 µg/m <sup>3</sup> ; El Centro-173 µg/m <sup>3</sup> ; Niland-222 µg/m <sup>3</sup> ; Westmorland-351 µg/m <sup>3</sup>
<b>April 19, 2018</b> Brawley-334 µg/m <sup>3</sup> ; Calxico-178 µg/m <sup>3</sup> ; Westmorland-186 µg/m <sup>3</sup>	<b>April 29, 2018 to May 1, 2018</b> Brawley-310 µg/m <sup>3</sup> ; Niland-243 µg/m <sup>3</sup> ; Westmorland-208 µg/m <sup>3</sup> ; Brawley-270 µg/m <sup>3</sup> ; Niland-162 µg/m <sup>3</sup> ; Westmorland-207 µg/m <sup>3</sup> ; Brawley-157 µg/m <sup>3</sup>
<b>May 11, 2018</b> Brawley-335 µg/m <sup>3</sup> ; El Centro-186 µg/m <sup>3</sup> ; Niland-215 µg/m <sup>3</sup> ; Westmorland-414 µg/m <sup>3</sup>	<b>May 25, 2018</b> Brawley-169 µg/m <sup>3</sup> ; Calxico -158 µg/m <sup>3</sup>
	<b>June 17, 2018</b> Brawley-168 µg/m <sup>3</sup>

The public and all interested parties are encouraged to review and comment on the seven Draft EE listed above. These demonstrations provide the supporting evidence that on the days indicated 2018 Air District air monitors were affected by transported elevated levels of particulate matter of aerodynamic size less than 10 microns (PM<sub>10</sub>). Winds, associated with a weather event suspended and transported PM<sub>10</sub> into the region affecting areas within San Diego, Riverside, Yuma and Imperial counties. The seven Draft EE's provide the scientific justification for the requested exclusion. 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 20, 2019 by close business.

The seven Draft EE's for the days listed above are available for download at the Air District website at <https://apcd.imperialcounty.org/public-notices/> (under Public Notices; Exceptional Event). To view a hard copy of any of the seven Draft EE's, 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 call our office between 8am and 5pm at (442) 265-1800 and ask for Monica N. Soucier.

**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 May 11, 2018. The date for closing comments was October 20, 2019

## FIGURE C-9 IMPERIAL COUNTY COMMENTS REGARDING THE MAY 25, 2018 EE DEMONSTRATION

Awaiting Final Comment Period