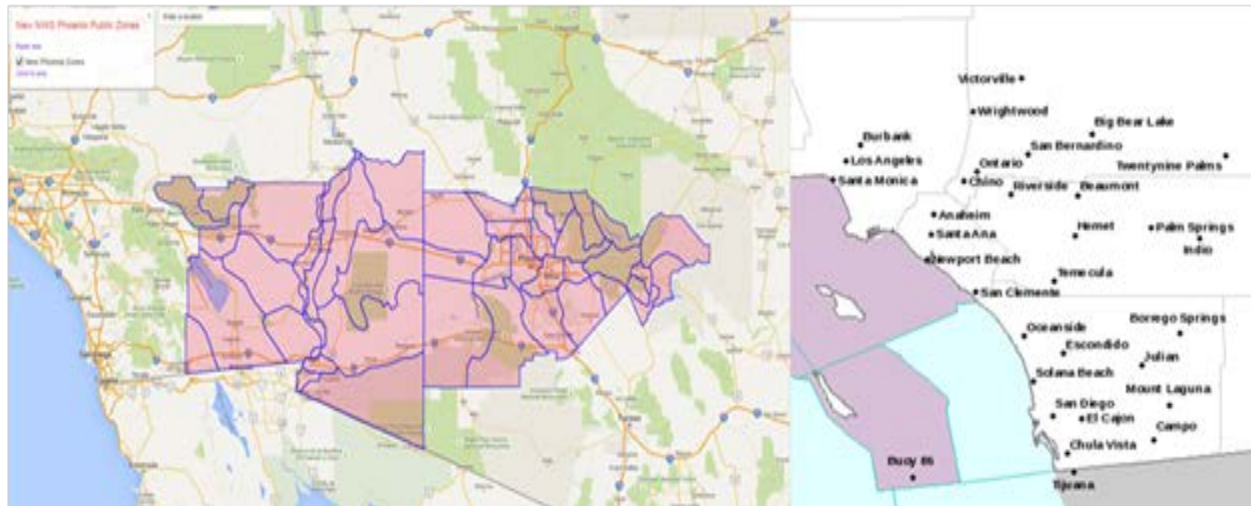


## APPENDIX C

### PUBLIC INFORMATION AND OTHER NOTICES

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



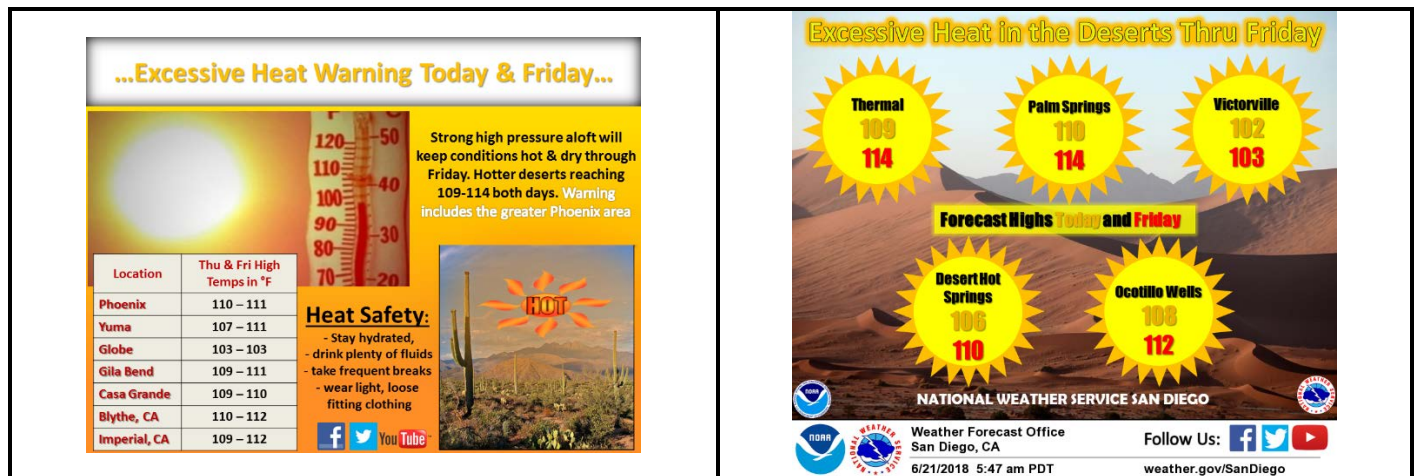
**Fig C-1:** Illustrates the public zones serviced by the National Weather Service Office in Phoenix and San Diego. Imperial County, including southeast sections of Riverside County are part of the reporting public zone areas from the Phoenix office

**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.

June 21 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>THE SUMMER SOLSTICE ARRIVES TODAY, JUNE 21 AT 3:07 a.m. PDT. This marks the longest day of the year for the Northern Hemisphere.</p> <p><b>IMPERIAL COUNTY</b>  An EXCESSIVE HEAT WARNING is now in effect for portions of Imperial County through Friday 9 pm. Temperatures could reach 115 degrees in some places. Take precautionary measures.</p> <p>WINDS: A weather disturbance passing to the north is forecasted to create breezy to windy conditions of 20 mph across Imperial County during the weekend.</p> <p><b><u>WEATHER SAN DIEGO OFFICE</u></b>  Strengthening high pressure aloft will bring warming through Friday with the marine layer and weak onshore flow keeping coastal areas cooler with areas of night and morning low clouds and fog. For the weekend a low pressure system moving through the Great Basin will strengthen the onshore flow across Southern California deepening the marine layer and spreading cooling inland. There will be slow warming for Monday through Wednesday as the onshore flow weakens. Another low pressure system will move to near the West Coast bringing a cooling trend for late next week.</p> <p><b><u>Breezy to windy conditions for the deserts this weekend</u></b>  The onshore flow created by the low pressure system will cause breezy to windy conditions in the San Diego County deserts. A zone forecast for Borrego Springs for Thursday night forecasts areas of west winds up to 15 mph with gusts to 30 mph. On Friday, west winds are forecasted to be 15 to 25 mph with gusts to 35 mph. Breezy conditions are expected on Saturday.</p> <p><b><u>WEATHER PHOENIX OFFICE</u></b>  Strong high pressure aloft will continue area-wide through Friday leading to some excessive heat with many lower desert communities exceeding the 110 degree threshold today and Friday. Some cooling is anticipated over the weekend as a weak low pressure system passes north of the region. Occasionally gusty winds can be expected Saturday ahead of the aforementioned low pressure system.</p>	
Weather Story Phoenix Station	Weather Story San Diego Station



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

### FIGURE C-3 NOAA 2018 SATELLITE SMOKE TEST PRODUCT

Saturday, June 23, 2018

DESCRIPTIVE TEXT NARRATIVE FOR SMOKE/DUST OBSERVED IN SATELLITE  
IMAGERY THROUGH 0245 UTC, June 24, 2018.

NESDIS IS INVESTIGATING THE UTILITY OF THIS TEXT NARRATIVE. IF YOU FIND THIS PRODUCT VALUABLE, PLEASE SEND AN EMAIL RESPONSE TO THE FOLLOWING ADDRESS INDICATING HOW YOU AND/OR YOUR AGENCY USE THE INFORMATION. THANK YOU. SEND EMAIL RESPONSE TO [SSDFireTeam@noaa.gov](mailto:SSDFireTeam@noaa.gov).

**SMOKE:**

Utah/Colorado/New Mexico/Northwestern Texas/Southwestern Oklahoma...

Patches of leftover thin density smoke primarily from the Trail Mountain fire in central Utah were visible moving to the southeast across portions of southwestern and south central Colorado and across the area stretching from northeastern New Mexico to southwestern Oklahoma. New thin to moderate density smoke from this fire during the afternoon spread to the east across eastern and northeastern Utah into northwestern Colorado.

Oregon/Idaho/Nevada/Utah/Wyoming...

A cluster of wildfires in north central Oregon was emitting thick smoke which spread to the south-southeast during the day. A large mass of thin to moderately dense smoke mainly from these fires covered a good portion of central, eastern and southeastern Oregon, southern Idaho, northern Nevada, northern Utah, and southwestern Wyoming.

Canada...

Wildfire activity increased during the day over central British Columbia with a couple of fires producing very dense smoke which moved off to the east-northeast with the leading edge nearly entering Alberta by late in the day.

In addition, a very extensive region of thin density smoke attributed mainly to wildfire activity in central and western Canada was seen stretching from northeastern British Columbia and the southern part of the Northwest Territories eastward to Ontario and Quebec. Thicker density smoke was noted moving west from a number of wildfires in western Ontario and eastern Manitoba. Thicker density smoke was also seen moving primarily to the north from wildfires in northern Saskatchewan.

**DUST:**

Northwestern Mexico/Southern Arizona...

A patch of moderately dense to locally thick blowing dust emanated from multiple sources over the western part of the Mexican state of Sonora in northwestern Mexico and spread to the north and northeast reaching into south central Arizona to the west of Tucson just prior to sunset.

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/data/land/fire/currenthms.jpg>

GIS: <ftp://satpsanone.nesdis.noaa.gov/FIRE/HMS/GIS/>

KML: <http://www.ospo.noaa.gov/data/land/fire/fire.kml> (fire)  
<http://www.ospo.noaa.gov/data/land/fire/smoke.kml> (smoke)

ANY QUESTIONS OR COMMENTS REGARDING THIS PRODUCT SHOULD BE SENT TO [SSDFireTeam@noaa.gov](mailto:SSDFireTeam@noaa.gov)

**Fig C-3:** The NOAA Smoke Text Product describing dust spreading from northern Mexico into southern Arizona <https://www.ssd.noaa.gov/PS/FIRE/DATA/SMOKE/2018/2018F240256.html>

**FIGURE C-4  
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-4:** 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-5 DAILY WEATHER AND AG BURNING INFORMATION

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

Date: Saturday June 23 2018

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

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	76	SE 5	10
8 AM	81	CALM	10
9 AM	88	CALM	10
10 AM	92	CALM	10
11 AM	98	CALM	10
NOON	102	S 3	10
1 PM	106	S 6	10
2 PM	108	S 6	10
3 PM	112	E 8	10
4 PM	112	E 9	10
5 PM	112	ESE 15	10
6 PM	111	ESE 13	10
7 PM	106	SE 14	10

Max. Temperature yesterday was 112 degrees

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

**Forecasts**  
**High Today** 104

Local Forecast (Issued 8 AM Local)      Computer Forecast (RUC 40KM 12Z)

Est. Time Mixing Height reaches 3000 feet	_____	11:00
Forecast of Maximum Mixing Height	_____ feet	8,500 feet
Forecast for Morning surface winds	SE 10-15 G20 mph	SE 10-15 G20 mph
Forecast for afternoon surface winds	SE 10-15 G20 mph	SE 10-15 G20 mph
Forecast for evening surface winds	S 5-10 mph	
Forecast 10 AM - 3 PM transport winds	S 5-10 mph	

Comments/Complaints: \_\_\_\_\_

Burn Hours 12-3 ARB No Burn Day \_\_\_\_\_ District called No Burn Day \_\_\_\_\_

Total actually burned today \_\_\_\_\_ acres Crops burned \_\_\_\_\_

IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT 2011      Int MC

**Fig C-5:** 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 June 23, 2018

## FIGURE C-6 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: 11324960  
Ad Number: 31574362

\* 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.

June 23, 2018 Niland-163 µg/m3;	June 26, 2018 Niland-173 µg/m3;	July 9, 2018 Brawley-230 µg/m3; Calexico-307 µg/m3; El Centro-256 µg/m3; Niland-181 µg/m3;
August 20, 2018 El Centro-162 µg/m3	October 3, 2018 Westmorland-169 µg/m3	Westmorland-185 µg/m3;
October 6, 2018 Brawley-181 µg/m3	November 29, 2018 Niland-331 µg/m3; Westmorland-286 µg/m3;	

The public and all interested parties are encouraged to review and comment on the seven Draft EE's listed above. These demonstrations provide the supporting evidence that on the days indicated for 2018 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 seven 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 20, 2019 by close of 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 Events). 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 to call our office between 8am and 5pm at (442) 265-1800 and ask for Monica N. Souci

L163 S15

**Fig C-6:** 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 June 23, 2018. The date for closing comments was October 20, 2019

## FIGURE C-7 IMPERIAL COUNTY COMMENTS REGARDING THE JUNE 23, 2018 EE DEMONSTRATION

Awaiting Final Comment Period