

APPENDIX C PUBLIC INFORMATION AND OTHER NOTICES

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

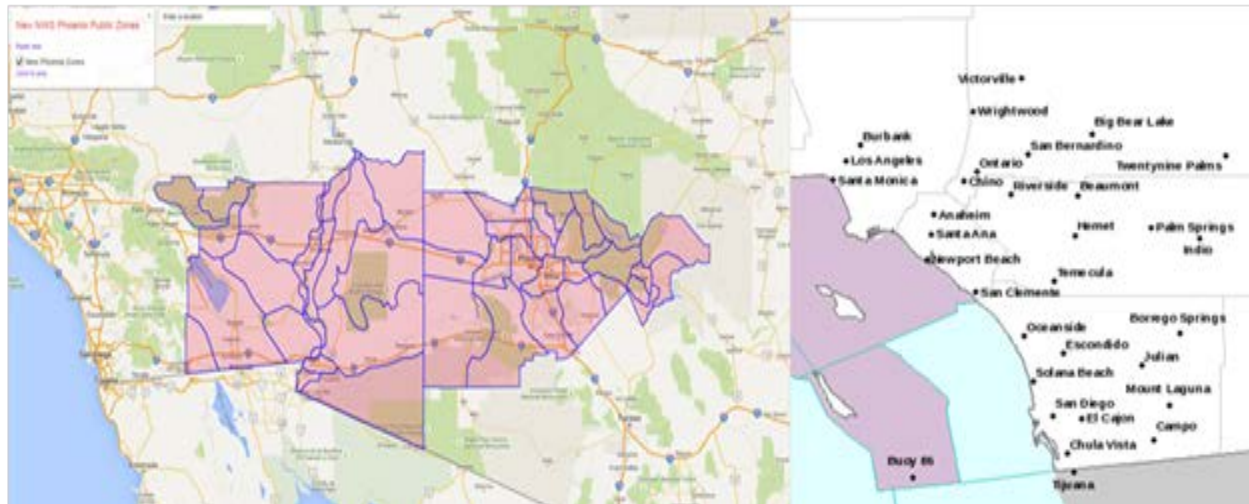


Fig C-1: Illustrates the public zones serviced by the National Weather Service Office in Phoenix and San Diego. Imperial County, including southeast sections of Riverside County are part of the reporting public zone areas from the Phoenix office

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.

October 2 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>IMPERIAL COUNTY</p> <p>Due to the fact that best heavy precipitation threats now appear confined to areas east of the Colorado river, after coordination with the Las Vegas office we have cancelled the flash flood watch for all zones west of the river. A Flash Flood Watch will remain for the Arizona zones through 5 am on Wednesday.</p> <p>Most of Imperial County will experience west winds 10 to 20 mph. The west and southwest portions of the county will have gusts 35 to 40 mph.</p> <p>SAN DIEGO WEATHER OFFICE</p> <p>Moisture aloft associated with weakening tropical storm Rosa will continue over the region through Tuesday, with a few showers or thunderstorms possible over mainly the mountains and deserts. A Pacific trough of low pressure will bring another chance of showers Wednesday through Wednesday night, along with cooler weather. Fair and seasonally cool for the remainder of the week. By the weekend, a cooler storm system from the north will bring gusty westerly winds over the mountains and deserts, deepen the marine layer and bring another chance for some light precipitation along and west of the mountains.</p> <p>PHOENIX WEATHER OFFICE</p> <p>Showers and isolated embedded thunderstorms are expected to continue today, mainly east of the lower Colorado River valley before starting to taper off from the west overnight tonight. A good chance for showers with embedded thunderstorms is anticipated on Wednesday as well. It is expected there may be widespread nuisance flooding with potential for more serious, localized flooding today into tonight. Most places will be dry Thursday and Friday before a large low pressure system develops over the western states, resulting in increasing chances for showers and possible thunderstorms mainly over south-central Arizona. It will stay quite cool this weekend into early next week.</p>	
Weather Story Phoenix Station	Weather Story San Diego Station

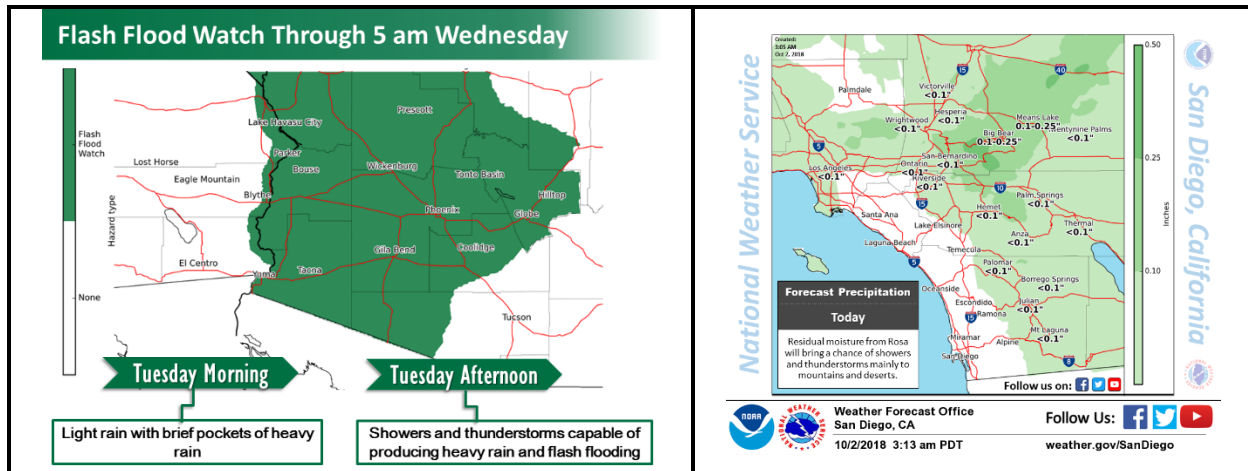


Fig C-2: A copy of the ICAPCD webpage advisory for October 2, 2018

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

Advisory Events

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October 3 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>IMPERIAL COUNTY Winds will pick up in the mountains and deserts during afternoons through the nights through Thursday. Gusts will be mostly in the 30 to 40 mph range.</p> <p>Most of Imperial County will experience southwest winds up to 20 mph during the day, increasing slightly during the night. The west and southwest portions of the county will have slightly higher winds with gust up to 30 mph.</p>	
<p><u>SAN DIEGO WEATHER OFFICE</u> A low pressure system will move through Southern California today, bringing increasing showers today into Thursday morning. There is a slight chance of thunderstorms late today. The region remains in cool northwest flow aloft through next Tuesday. A trough on Saturday night and Sunday will bring a slight chance of showers, along with brisk winds in the mountains and deserts.</p>	
<p><u>PHOENIX WEATHER OFFICE</u> More showers with embedded thunderstorms will develop today ahead of weather disturbance moving into the region from the Pacific. Drier air will finally surge into the area Thursday and Friday though temperatures will remain seasonably cool. Another cool Pacific weather system will dip into the Southwest over the weekend resulting in increased chances for showers and thunderstorms mainly over the central and eastern portions of Arizona. It will also become even cooler with afternoon highs struggling to get into the 80s in many locations, and delightful overnight lows in the 50s.</p>	
Weather Story Phoenix Station	Weather Story San Diego Station

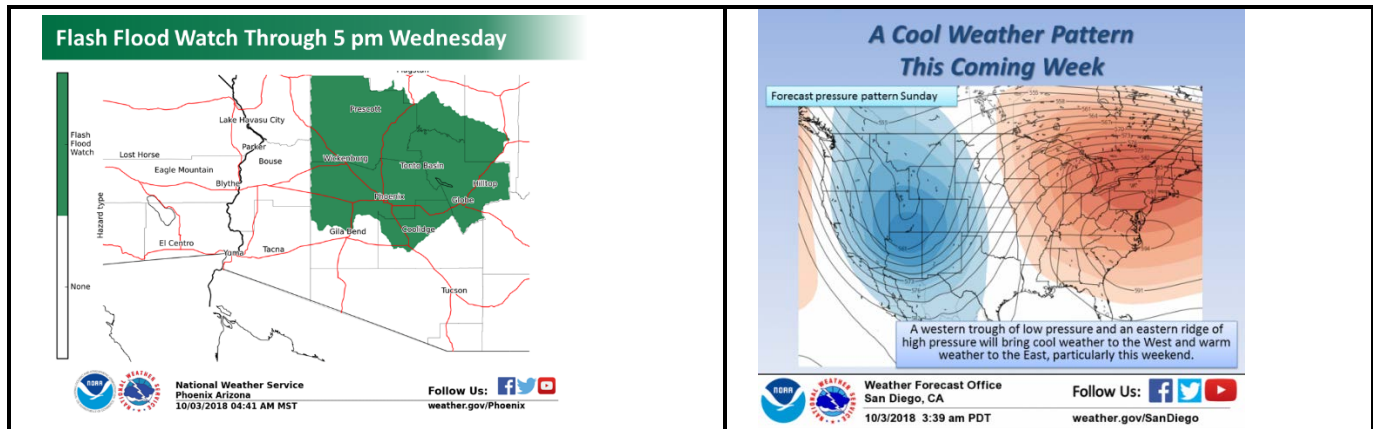


Fig C-3: A copy of the ICAPCD webpage advisory for October 3, 2018

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

Advisory Events

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October 3 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>UPDATED FORECAST - 4:00 p.m.</p> <p>IMPERIAL COUNTY</p> <p>Winds will pick up in the mountains and deserts during afternoons through the nights through Thursday. Gusts will be mostly in the 30 to 40 mph range.</p> <p>Weekend Outlook: A trough of low pressure will bring more gusty winds to the mountains and deserts this weekend.</p> <p>Most of Imperial County will experience west winds up to 20 mph during the day, increasing slightly during the night. The west and southwest portions of the county will have slightly higher winds up to 25 to 35 mph.</p> <p><u>SAN DIEGO WEATHER OFFICE</u></p> <p>A trough of low pressure will bring scattered showers and isolated thunderstorms to parts of Southern California as it moves across the region tonight. Any shower activity will end Thursday morning. Cool and unsettled weather is likely this weekend as another trough moves in from the north. This trough will bring gusty winds to the mountains and deserts this weekend, and a chance for light showers over the coastal and valley areas.</p> <p>Weekend Outlook: A much deeper trough dives into the Intermountain West this weekend. This deep trough will bring gusty winds to the mountains and deserts, and a chance for a few showers west of the mountains from strong onshore flow. Depending on the magnitude and the southern extent of the trough, there may be a period of offshore flow Monday.</p> <p><u>PHOENIX WEATHER OFFICE</u></p> <p>The potential for scattered showers and thunderstorms will continue into early Thursday morning, before drier air overspreads the region through Saturday. Another cool Pacific weather system will dip into the Southwest over the weekend resulting in increased chances for showers and thunderstorms mainly over the central and eastern portions of Arizona. It will also become even cooler with afternoon highs struggling to get into the 80s in many locations, and delightful overnight lows in the 50s.</p>

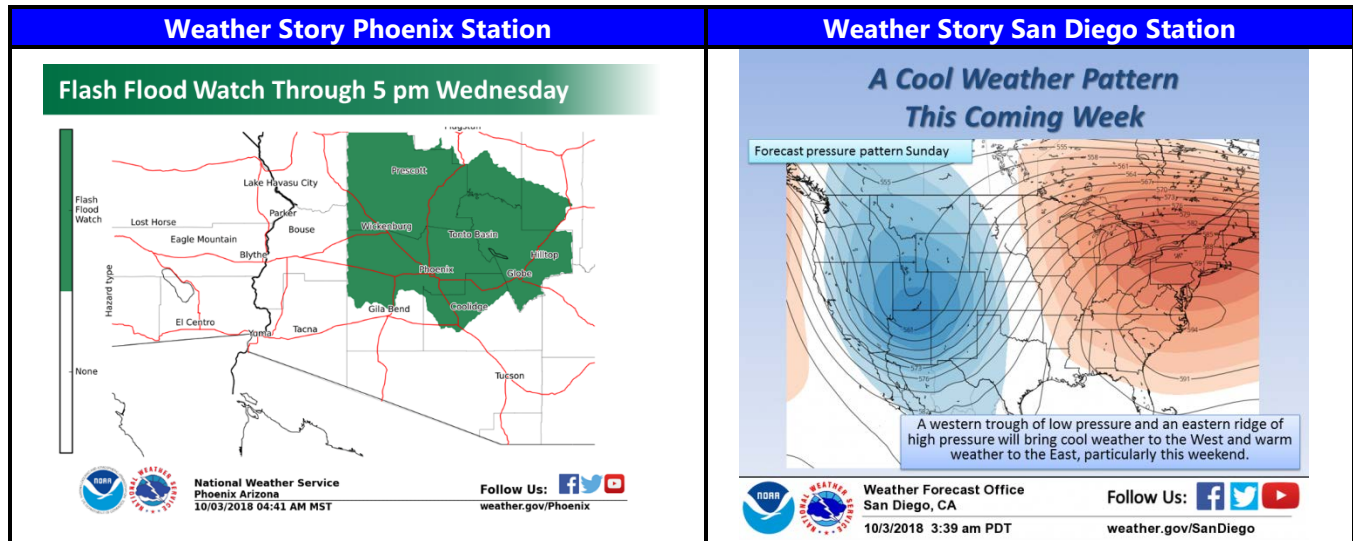


Fig C-4: A copy of the updated ICAPCD webpage advisory for October 3, 2018

FIGURE C-5

SAN DIEGO WEATHER STORY OCTOBER 2, 2018



Fig C-5: A Weather Story Forecast issued by the NWS San Diego office depicting monsoon conditions due to the remnants of Tropical Storm Rosa

FIGURE C-6 PHOENIX WEATHER STORY OCTOBER 2, 2018

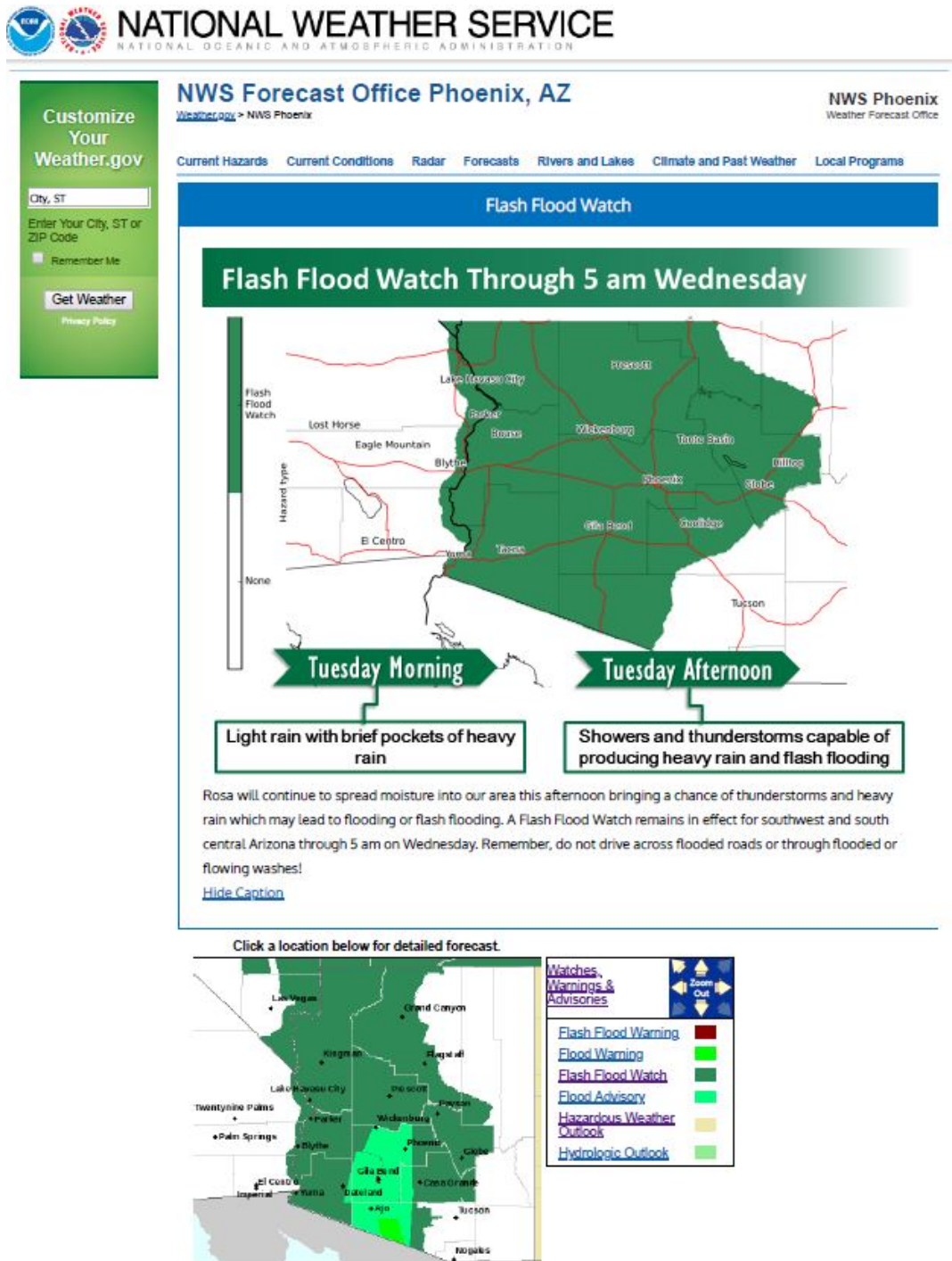


Fig C-6: A Weather Story Forecast issued by the NWS Phoenix office depicting monsoon conditions due to the remnants of Tropical Storm Rosa

FIGURE C-7
SAN DIEGO WEATHER STORY OCTOBER 3, 2018

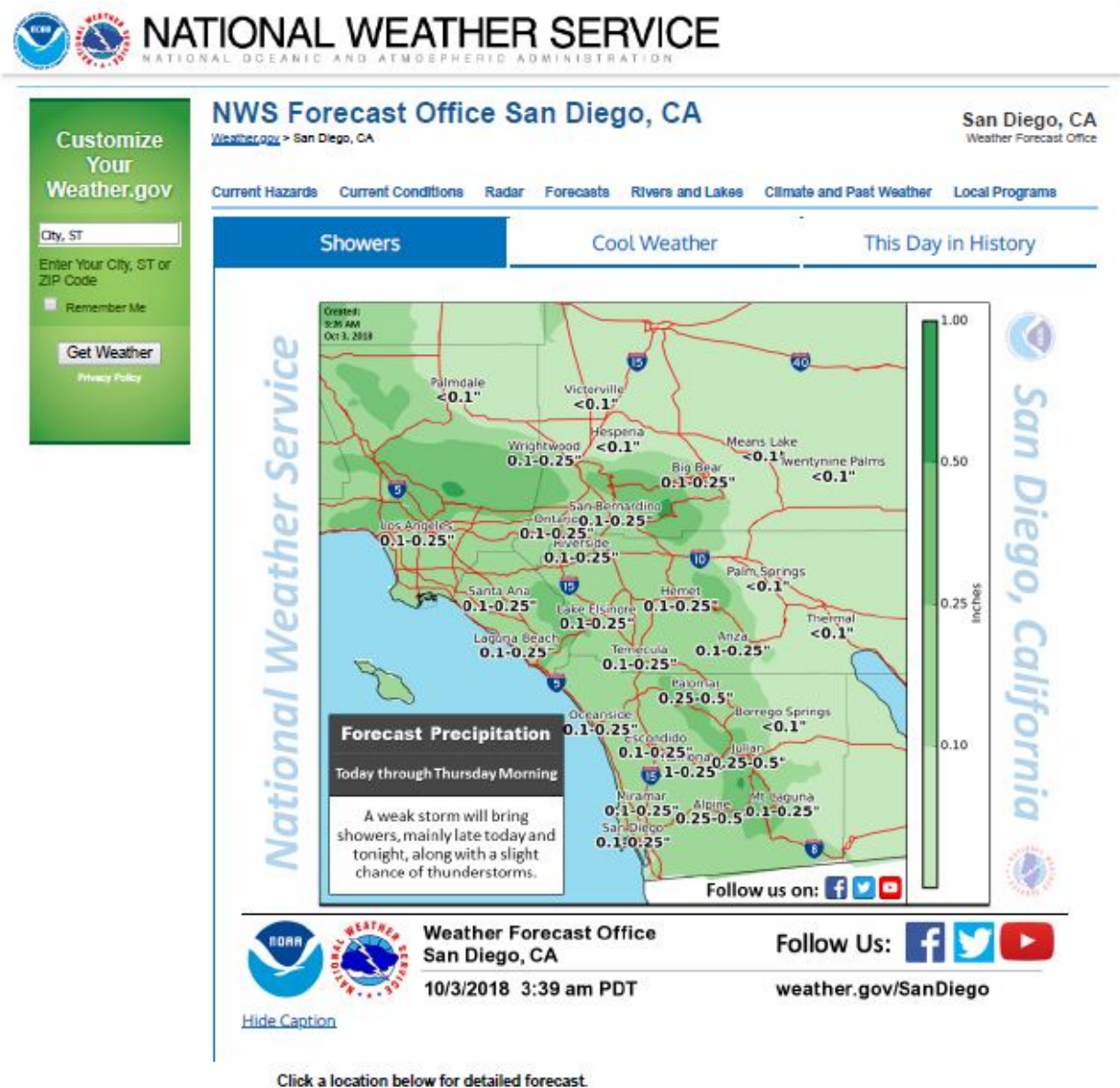


Fig C-7: A Weather Story Forecast issued by the NWS San Diego office depicting monsoon conditions during the coming week

**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 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-9 DAILY WEATHER AND AG BURNING INFORMATION

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

Date: Wednesday October 03 2018

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

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	73	W 6	10
8 AM	75	WSW 7	10
9 AM	78	W 5	10
10 AM	83	NNW 3	10
11 AM	84	CALM	10
NOON	86	N 3	10
1 PM	88	S 5	10
2 PM	89	WSW 3	10
3 PM	91	SSW 8	10
4 PM	93	SESE 9 G17	10
5 PM	92	S 10	10
6 PM	89	WSW 16	10
7 PM	85	W 15	10

Max. Temperature yesterday was 93 degrees

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

Forecasts
High Today 91 Local Forecast (Issued 8 AM Local) Computer Forecast (RUC 40KM 12Z)

Est. Time Mixing Height reaches 3000 feet	<u>-</u>	<u>10:00am</u>
Forecast of Maximum Mixing Height	<u>-</u> feet	<u>8,800</u> feet
Forecast for Morning surface winds	<u>SW 5-10</u> mph	<u>SW 5-10</u> mph
Forecast for afternoon surface winds	<u>W 10-15 G25</u> mph	<u>W 10-15 G25</u> mph
Forecast for evening surface winds	<u>W 10-15 G25</u> mph	
Forecast 10 AM - 3 PM transport winds	<u>S 5-10</u> mph	

Comments/Complaints: _____

Burn Hours _____ ARB No Burn Day _____ District called No Burn Day YES
 Total actually burned today _____ acres Crops burned _____
 IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT 2011 Int MC

Fig C-9: 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 October 3, 2018

FIGURE C-10 IMPERIAL COUNTY AFFIDAVIT OF 30 DAY PUBLIC NOTICE

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.


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 28, 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	
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 to 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-10: 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 October 3, 2018. The date for closing comments was October 20, 2019

FIGURE C-11 IMPERIAL COUNTY COMMENTS REGARDING THE OCTOBER 3 2018 EE DEMONSTRATION

Awaiting Final Comment Period