

APPENDIX C PUBLIC INFORMATION AND OTHER NOTICES

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

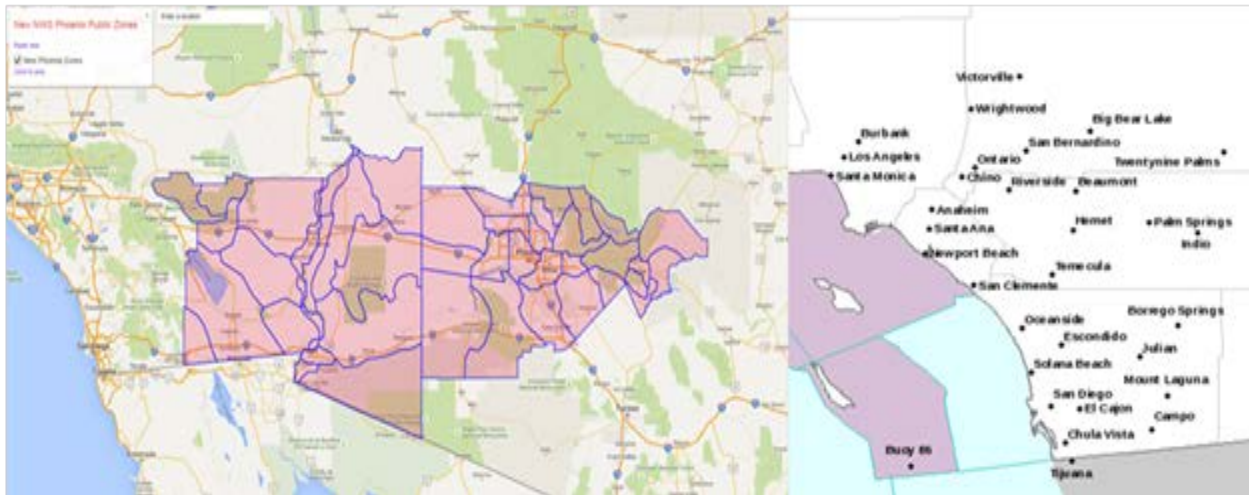


Fig C-1: Illustrates the public zones serviced by the National Weather Service Office in Phoenix and San Diego. Imperial County, including southeast sections of Riverside County are part of the reporting public zone areas from the Phoenix office

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 4 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 On Saturday a deep trough digs southward across California. It will certainly boost winds in the mountains and the deserts especially late Saturday.</p> <p>Most of Imperial County will experience west winds up to 20 mph during the day. The southwest portion of the county will have gusts up to 30 mph in the morning.</p>	
<p><u>SAN DIEGO WEATHER OFFICE</u> Showers will end this morning as a trough of low pressure moves east out of the region. Fair weather will follow before a colder, deeper low pressure system drops into the West. That will bring cooler weather, some strong winds to the mountains and deserts and a small chance of showers late Saturday into early Monday. A cool but fair weather pattern is projected for next week.</p>	
<p><u>PHOENIX WEATHER OFFICE</u> The potential for a few showers and thunderstorms will continue this morning mainly north of Phoenix, before drier air overspreads the region through early Saturday. Temperatures will remain unseasonably cool today and likely through next week as the synoptic pattern keeps persistent troughing across the Southwestern U.S. Forecast highs through Saturday run between 5 and 10 degrees below normals while overnight lows may dip down to around 60 degrees across the coolest deserts. 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 overnight lows in the 50s.</p>	
Weather Story Phoenix Station	Weather Story San Diego Station

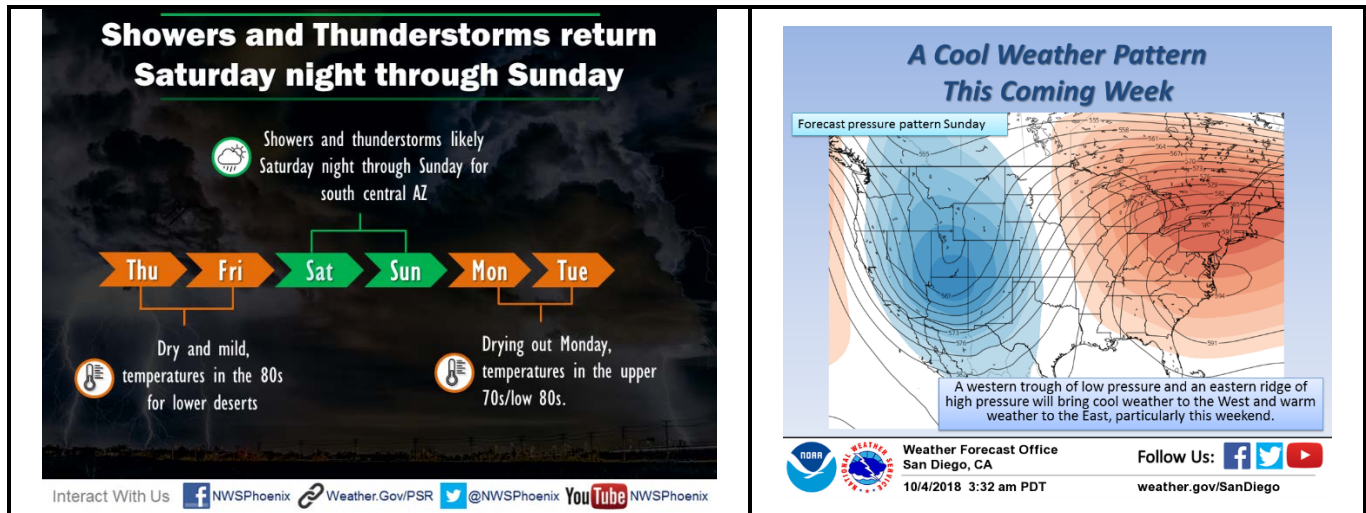


Fig C-2: A copy of the ICAPCD webpage advisory for October 4, 2018

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.

October 5, 2018 to October 6, 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 style="color: red;">Potential increases in PM₁₀ concentrations may increase to moderate or unhealthy level.</p>	
Imperial County Weather Synopsis	
<p>IMPERIAL COUNTY Saturday afternoon through Saturday night- A tightening pressure gradient will strengthen onshore flow Saturday, generating westerly wind gusts of 40-60 mph and local gusts to 65 mph over the desert mountain slopes and into adjacent desert areas.</p> <p>Overall, winds will favor the west - High clouds will increase late Saturday morning. Westerly winds will also become dominant late Saturday morning, with a few gusts above 10 kts possible by the end of the TAF period.</p> <p>SAN DIEGO WEATHER OFFICE At 9 AM PDT, water vapor satellite imagery displayed a shortwave trough moving across southern CA, and another trough moving into the Pacific Northwest. This resulted in a few light showers overnight in San Diego County.</p> <p>The trough over the Pac NW will dive southeast through the weekend, with a closed low developing over AZ by late Sunday.</p> <p>WINDY SATURDAY - see above under Imperial County</p> <p>SNOW SUNDAY What possible SNOW above 8000 feet - associated with a wave moving across the area Sunday from the low to the east.</p> <p>Northerly winds quickly develop Sunday morning from the passage of the trough, with strongest gusts of 35-45 mph along the southwest-facing slopes of the San Bernardino County mountains through Monday morning.</p> <p>Next week watch for some impact from remnants from Sergio</p> <p>PHOENIX WEATHER OFFICE Drier air will temporarily be in place through early Saturday, but another cool Pacific weather system will then dip into the region beginning Saturday night. This system will bring good chances for showers and thunderstorms mainly over the central and eastern portions of Arizona. It will also bring even cooler temperatures with afternoon highs struggling to get into the 80s in many locations on Sunday and Monday and overnight lows in the 50s. Temperatures will remain below normal for all of next week with rain chances returning late next week.</p>	
Weather Story Phoenix Station	Weather Story San Diego Station

Fig C-3: A copy of the updated ICAPCD Weekend webpage advisory for October 5 through October 6, 2018.

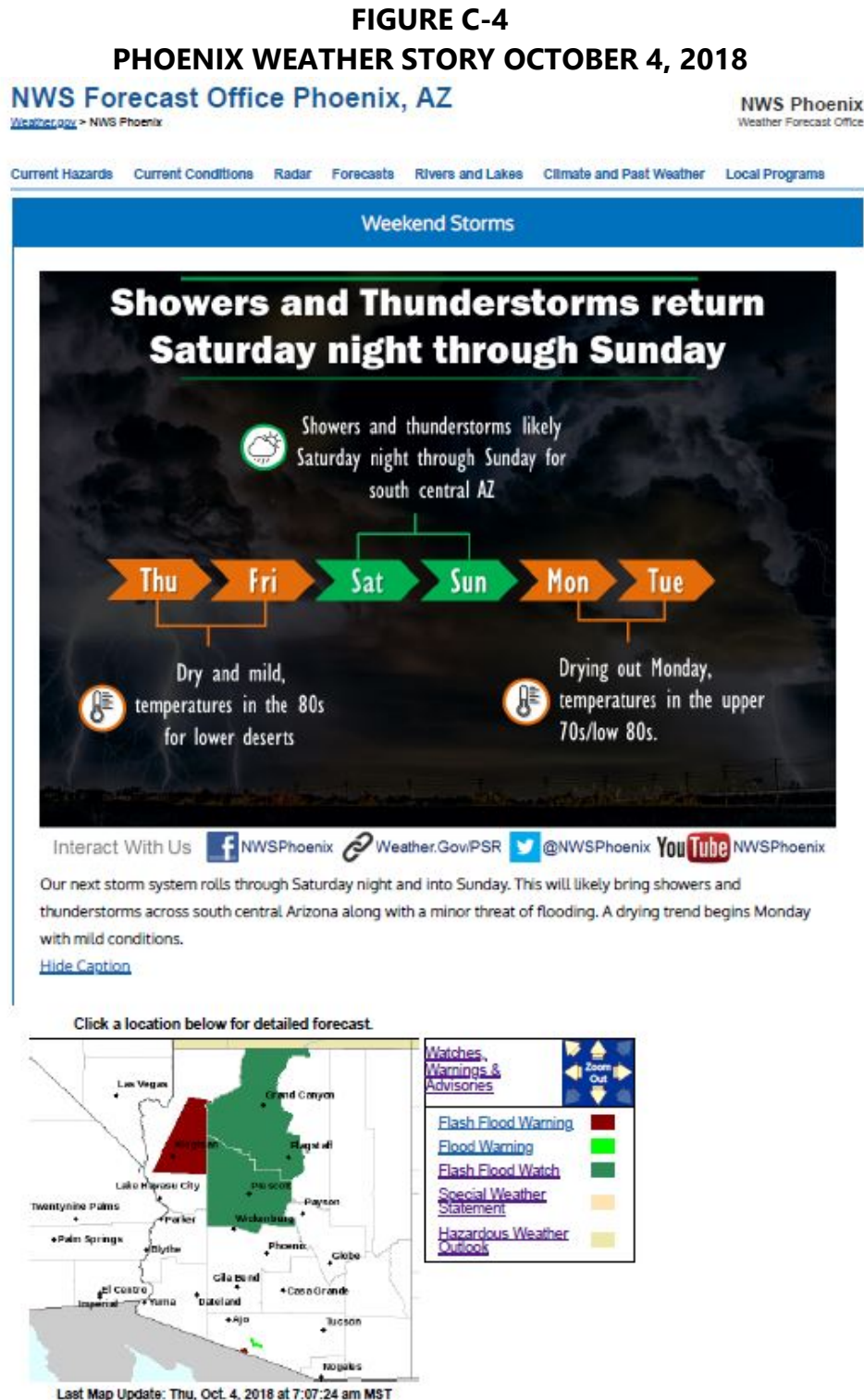


Fig C-4: A Weather Story Forecast issued by the NWS Phoenix office depicting the conditions from the approaching weather system

FIGURE C-5
SAN DIEGO WEATHER STORY OCTOBER 5, 2018



Fig C-5: A Weather Story Forecast issued by the NWS San Diego office depicting the conditions from the approaching weather system

FIGURE C-6
SAN DIEGO WEATHER STORY OCTOBER 5, 2018



Fig C-6: A Weather Story Forecast issued by the NWS San Diego office depicting the conditions from the approaching weather system

FIGURE C-7
SAN DIEGO WEATHER STORY OCTOBER 6, 2018



Fig C-7: A Weather Story Forecast issued by the NWS San Diego office depicting the conditions from the approaching weather system

FIGURE C-8
SAN DIEGO WEATHER STORY OCTOBER 6, 2018

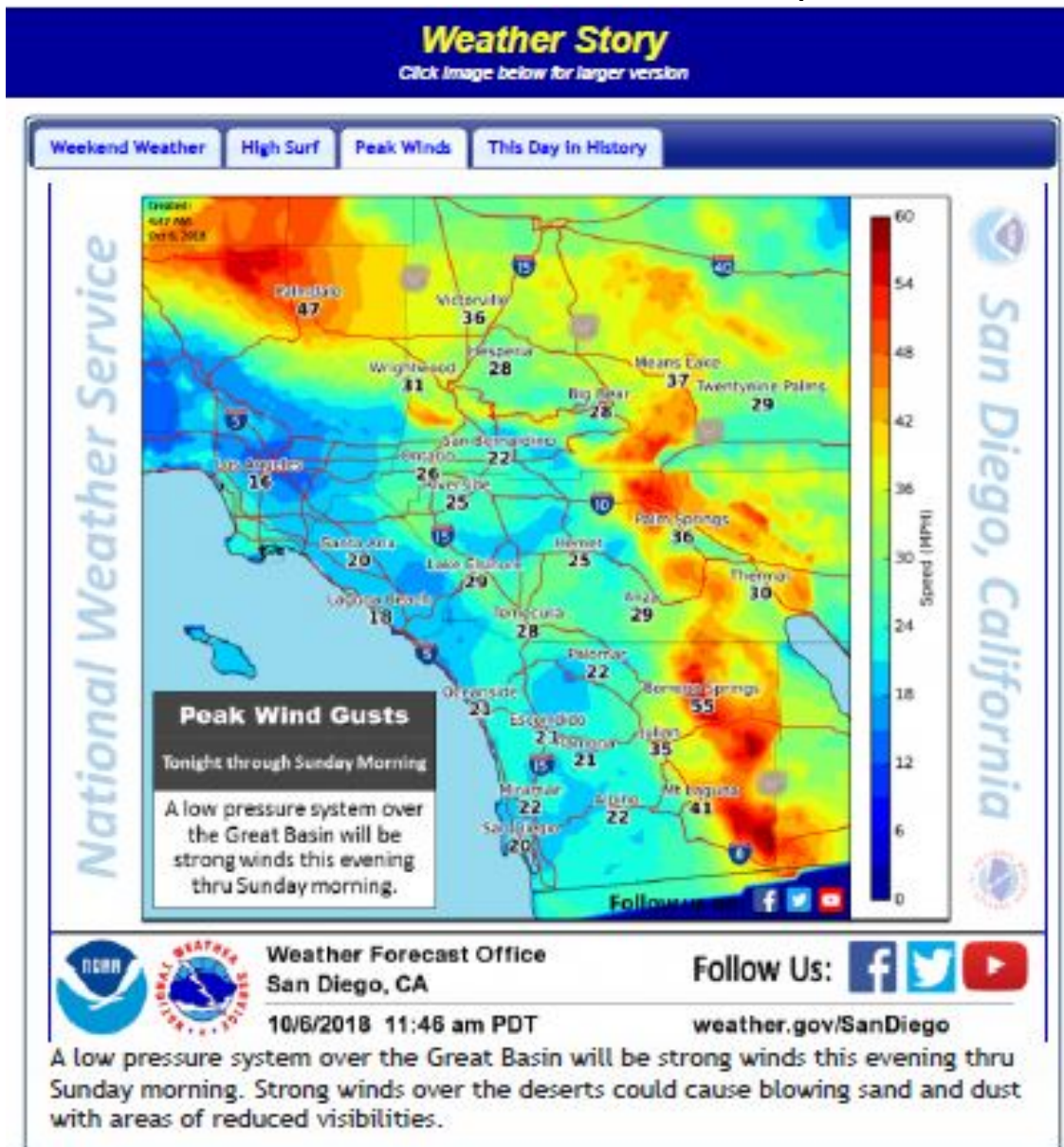


Fig C-8: A Weather Story Forecast issued by the NWS San Diego office depicting the conditions from the approaching weather system

FIGURE C-9
SAN DIEGO WEATHER STORY OCTOBER 6, 2018

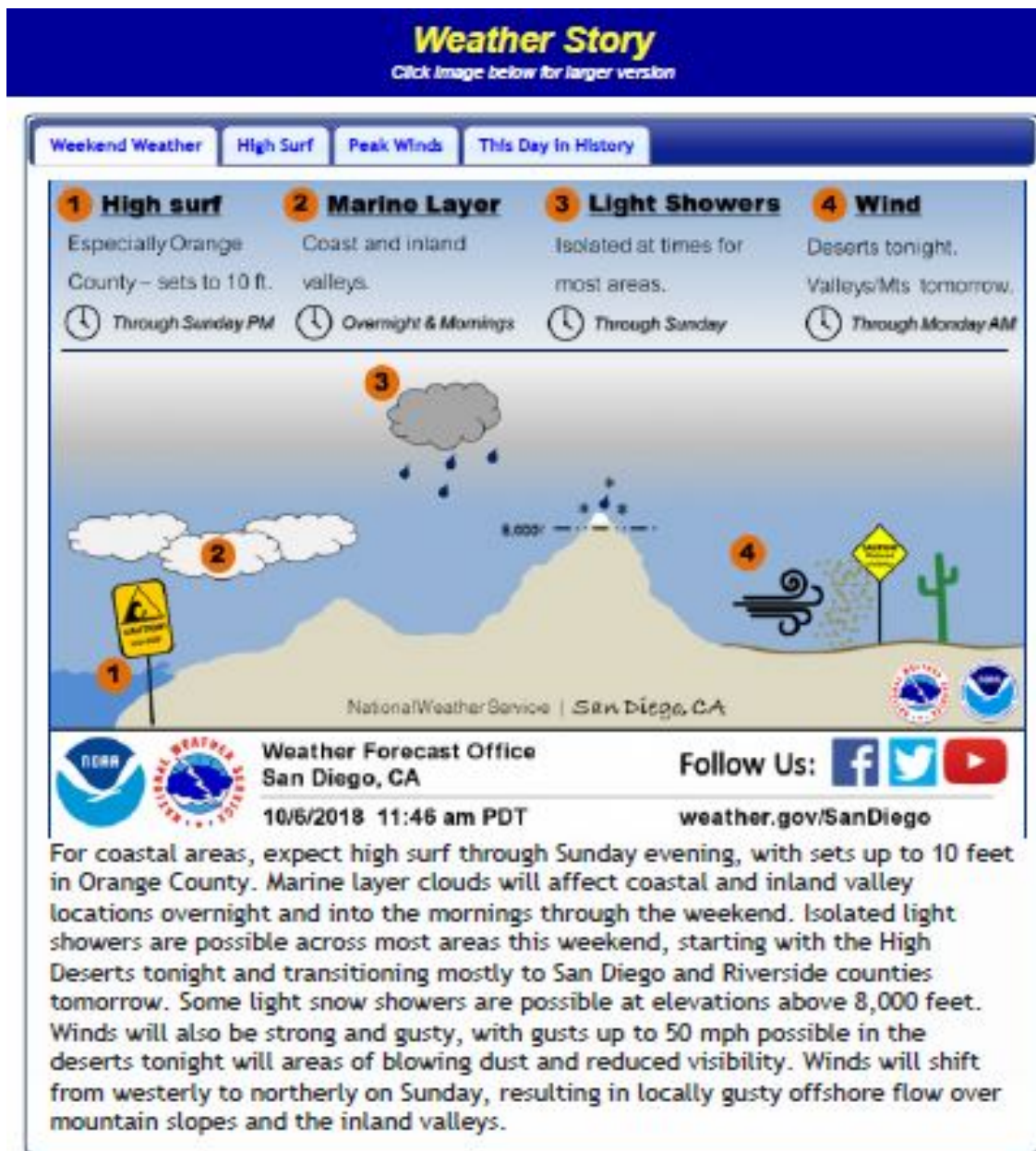


Fig C-9: A Weather Story Forecast issued by the NWS San Diego office depicting the conditions from the approaching weather system

FIGURE C-10 PHOENIX WEATHER STORY OCTOBER 6, 2018

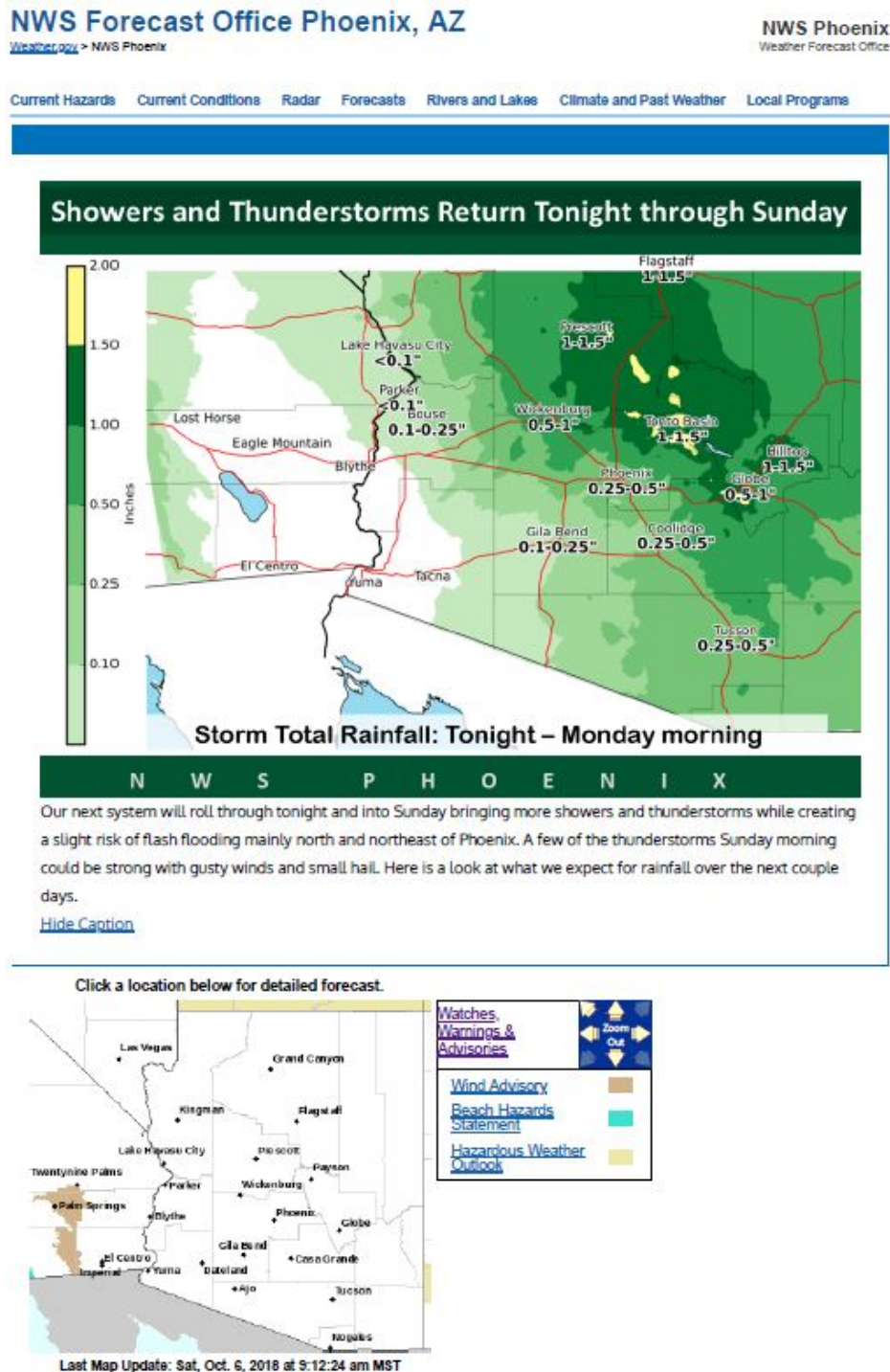


Fig C-10: A Weather Story Forecast issued by the NWS Phoenix office depicting the conditions from the approaching weather system

FIGURE C-11
AIR QUALITY 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-11: 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-12

DAILY WEATHER AND AG BURNING INFORMATION

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

Date: Saturday October 06 2018

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

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	66	W-8	10
8 AM	71	W-7	10
9 AM	77	WNW-13	10
10 AM	80	NNW-13	10
11 AM	82	NNW-10	10
NOON	84	NNW-5	10
1 PM	87	NNW-9	10
2 PM	88	WNW-10	10
3 PM	88	NW-8	10
4 PM	90	6	10
5 PM	89	NNW-5	10
6 PM	88	NW-6	10
7 PM	83	CALM	10

Max. Temperature yesterday was 90 degrees

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

Forecasts
High Today 92

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

Est. Time Mixing Height reaches 3000 feet	<u>-</u>	<u>9:00 AM</u>
Forecast of Maximum Mixing Height	<u>-</u> feet	<u>8,910</u> feet
Forecast for Morning surface winds	<u>WSW 5-10</u> mph	<u>WSW 5-10</u> mph
Forecast for afternoon surface winds	<u>WSW 15-20</u> mph	<u>WSW 15-20</u> mph
Forecast for evening surface winds	<u>WSW 15-20</u> mph	
Forecast 10 AM - 3 PM transport winds	<u>WSW 15-20</u> mph	

Comments/Complaints: Winds could gust as high as 25 mph

Burn Hours _____ ARB No Burn Day _____ District called No Burn Day XXX

Total actually burned today _____ acres Crops burned _____

Int FG

IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT 2011

Fig C-12: 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 6, 2018

FIGURE C-13 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-286 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-298 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-13: 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 6, 2018. The date for closing comments was October 20, 2019

FIGURE C-14 IMPERIAL COUNTY COMMENTS REGARDING THE OCTOBER 6 2018 EE DEMONSTRATION

Awaiting Final Comment Period