

APPENDIX C PUBLIC NOTICE AND OTHER NOTICES

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

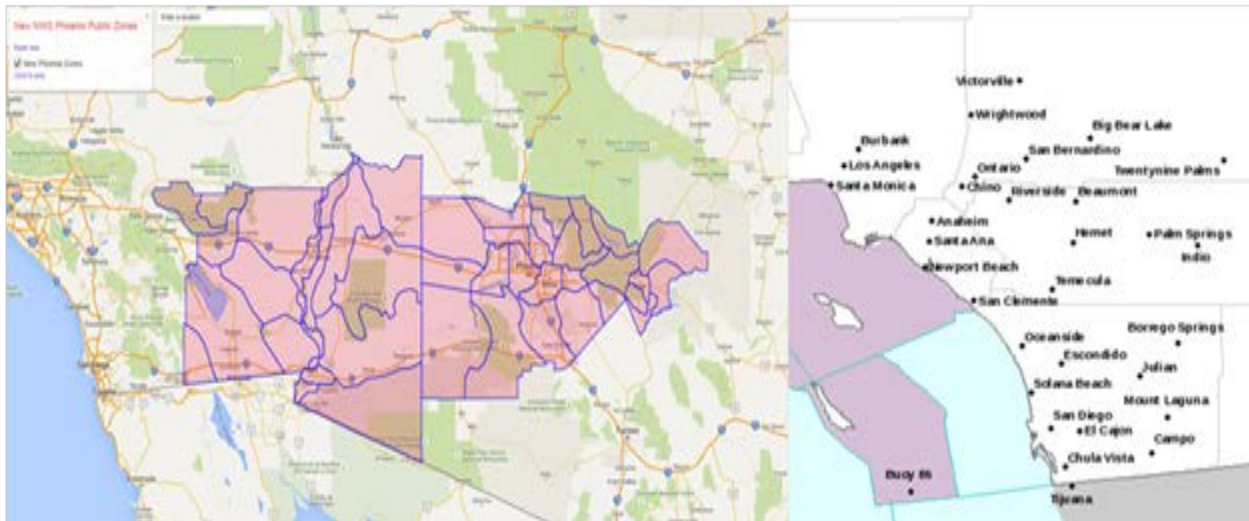


Fig C-1: Illustrates the public zones serviced by the National Weather Service Office in Phoenix and San Diego. Imperial County, including southeast sections of Riverside County are part of the reporting public zone areas from the Phoenix office

FIGURE C-2

SMOKE TEXT PRODUCT – SATELLITE SERVICES DIVISION

SATURDAY, MAY 6, 2017

5/8/2017

Smoke Text Product - Satellite Services Division

Saturday, May 6, 2017

DESCRIPTIVE TEXT NARRATIVE FOR SMOKE/DUST OBSERVED IN SATELLITE IMAGERY THROUGH 1830Z May 6, 2017

SMOKE:

Florida/Georgia...

The West Mims fire was reinvigorated today with lower humidity and gusty winds which resulted in greater smoke generation. A plume of moderately dense to dense smoke extended east from the fire along the Florida/Georgia border in the Okefenokee National Wildlife Refuge across the Jacksonville area and into the Atlantic. Another wildfire in Pasco county north of Tampa was producing moderately dense smoke which also extended to the east across nearly the width of Florida to the east coast.

Southwest and northern Mexico...

Several wildfires burning in northwest Mexico in Sonora and Chihuahua states and in southeast Arizona continue to burn this evening and produce smoke plumes which extend to the north northeast.

Northern and Central Plains...

Numerous agricultural and prescribed fires with mostly small. Localized light smoke plumes were seen this afternoon and evening over western Minnesota, the eastern Dakotas, Kansas and Oklahoma.

DUST:

California/Arizona...

A potent storm system developing over the Southwest had strong winds associated with it which were generating areas of significant blowing dust. An area of moderate to dense dust was detected sweeping eastward across far southern California into Arizona. Southerly winds ahead of this area of dust were kicking up a broad area of light to moderate dust over much of southern Arizona and part of northern Sonora. This dust was moving to the north. One particular plume that was more dense was originating from the Willcox Playa in southeast Arizona. This plume extended to the north northeast to the New Mexico border.

Nevada...

Cloud cover prevented dust detection in most of Nevada. However, surface observations indicate that there was at least some blowing dust over western Nevada due to strong winds associated with the storm system.

Ruminski

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

Unless otherwise indicated:

- Areas of smoke are analyzed using GOES-EAST and GOES-WEST Visible satellite imagery.
- Only a general description of areas of smoke or significant smoke plumes will be analyzed.
- A quantitative assessment of the density/amount of particulate or the vertical distribution is not included.
- Widespread cloudiness may prevent the detection of smoke even from significant fires.

<http://www.ssd.noaa.gov/PS/FIRE/DATA/SMOKE/2017E070631.html>

1/1

Fig C-2: The descriptive text narrative for smoke and dust observed in satellite imagery identified dust within California and Arizona on May 6, 2017

FIGURE C-3
WEATHER STORY PHOENIX OFFICE

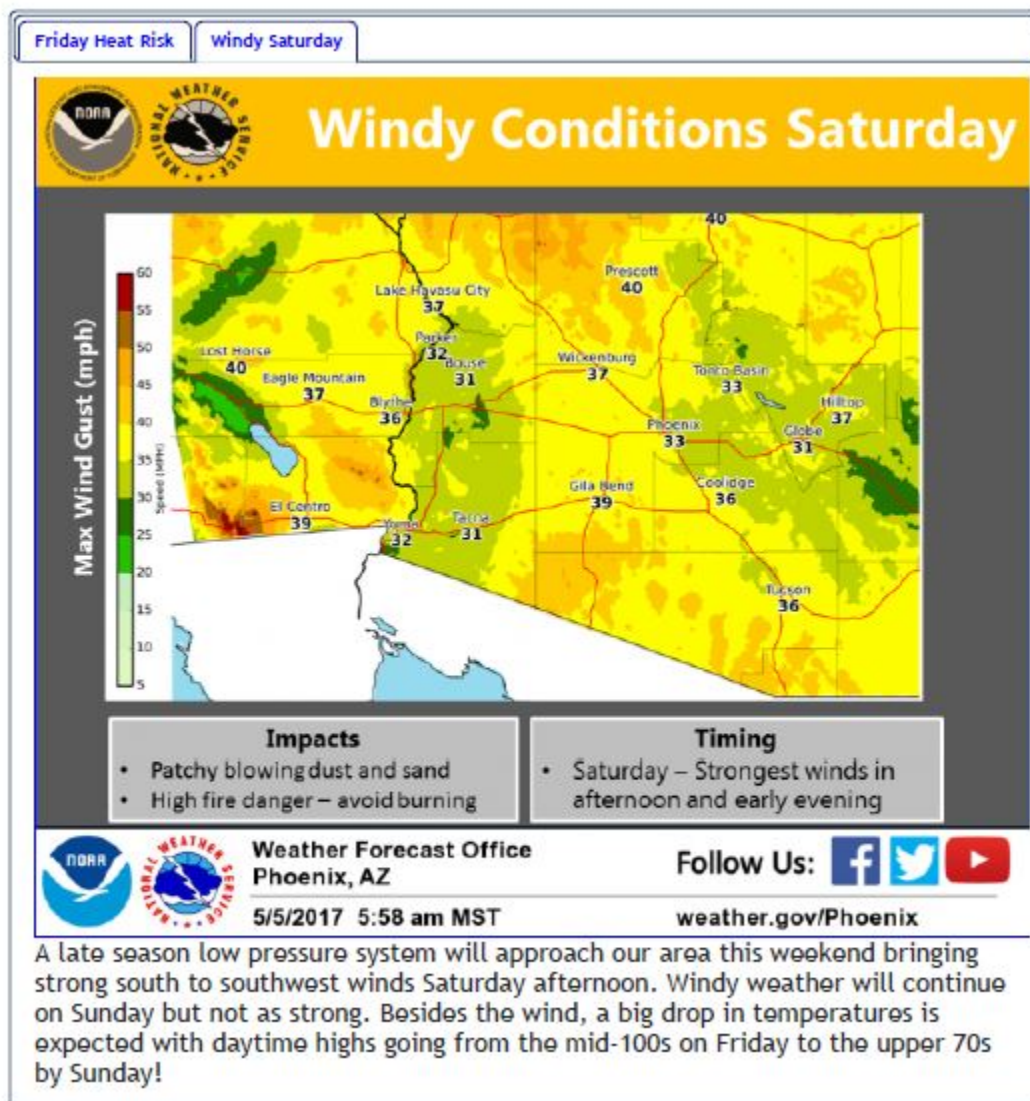


Fig C-3: Weather Story forecast issued by the Phoenix office at 0558 MST May 5, 2017

FIGURE C-4
WEATHER STORY PHOENIX OFFICE

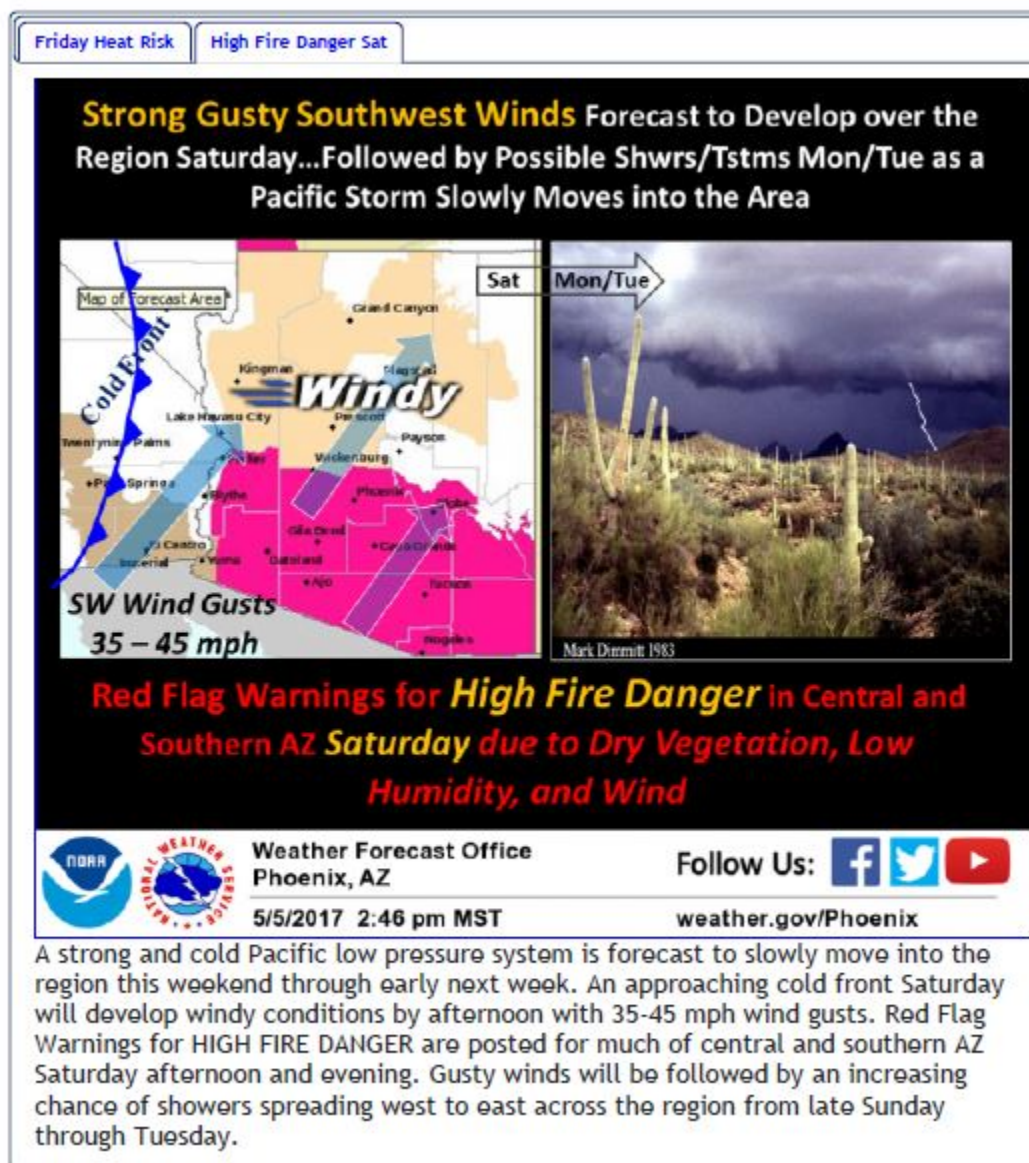


Fig C-4: Weather Story forecast issued by the Phoenix office at 1446 MST May 5, 2017

FIGURE C-5
WEATHER STORY PHOENIX OFFICE

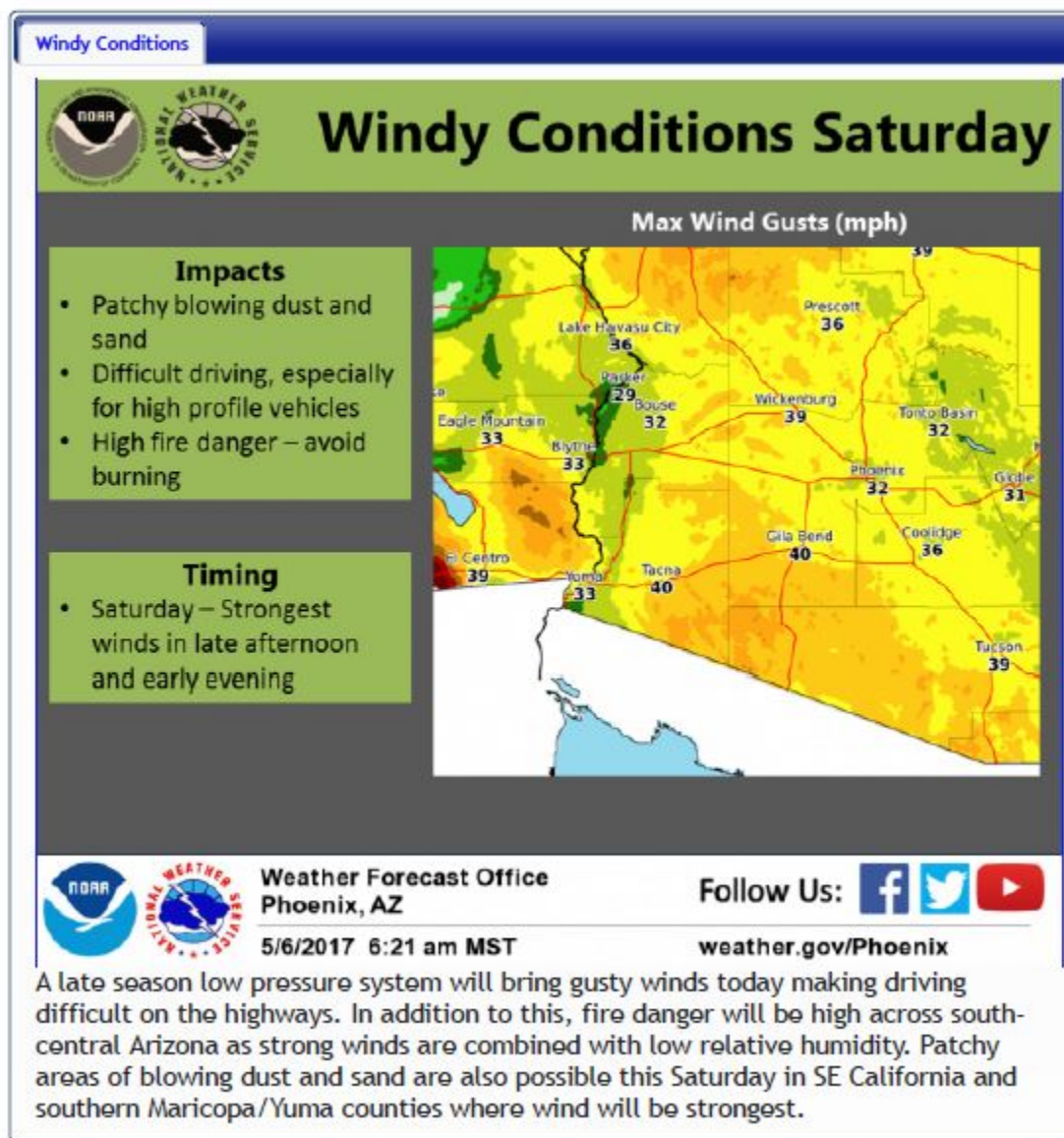


Fig C-5: Weather Story forecast issued by the Phoenix office at 0621 MST May 6, 2017

FIGURE C-6 DAILY WEATHER AND AG BURNING INFORMATION

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

Date: Saturday, May 6, 2017

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

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	75	SSE 3	10
8 AM	83	S 6	10
9 AM	89	SW 7	10
10 AM	95	SSW 6	10
11 AM	98	S 3	10
NOON	100	S 5	10
1 PM	103	ENE 8	10
2 PM	103	-	10
3 PM	105	E 11	10
4 PM	104	E-11	10
5 PM	103	ESE 13	10
6 PM	102	SE 14	10
7 PM	93	WSW 9	10

Max. Temperature yesterday was 105 degrees

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

Forecasts
High Today 89

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

Est. Time Mixing Height reaches 3000 feet	_____	10:00am
Forecast of Maximum Mixing Height	_____ feet	7280 feet
Forecast for Morning surface winds	W 15-20 mph	W 15-20 mph
Forecast for afternoon surface winds	W 20-25/G35 mph	W 20-25/G35 mph
Forecast for evening surface winds	W 20-30/G40 mph	
Forecast 10 AM - 3 PM transport winds	12-16 mph	

Comments/Complaints: Expecting high winds today.

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

Total actually burned today _____ acres Crops burned _____

Int WB

IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT 2011

Fig C-6: 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 6, 2017

**FIGURE C-7
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-7: 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-8
IMPERIAL COUNTY AFFIDAVIT OF 30 DAY PUBLIC NOTICE

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 6, 2017. The date for closing comments was September 6, 2019

FIGURE C-9
IMPERIAL COUNTY COMMENTS
REGARDING THE MAY 6, 2017 EE DEMONSTRATION

Awaiting Final Comment Period