

APPENDIX C

PUBLIC INFORMATION AND OTHER NOTICES

FIGURE C-1
NATIONAL WEATHER SERVICE PUBLIC ZONES

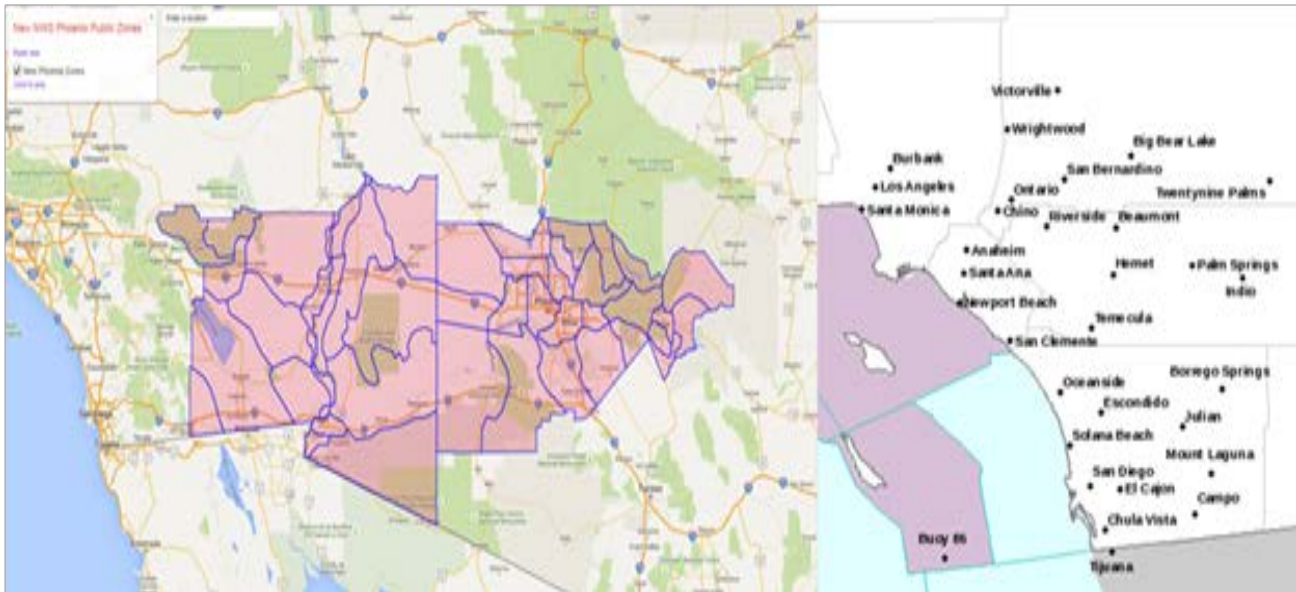


Fig C-1: Illustrates the public zones serviced by the National Weather Service Office in Phoenix and San Diego. Imperial County, including southeast sections of Riverside County are part of the reporting public zone areas from the Phoenix office

FIGURE C-2
PHEONIX WEATHER STORY

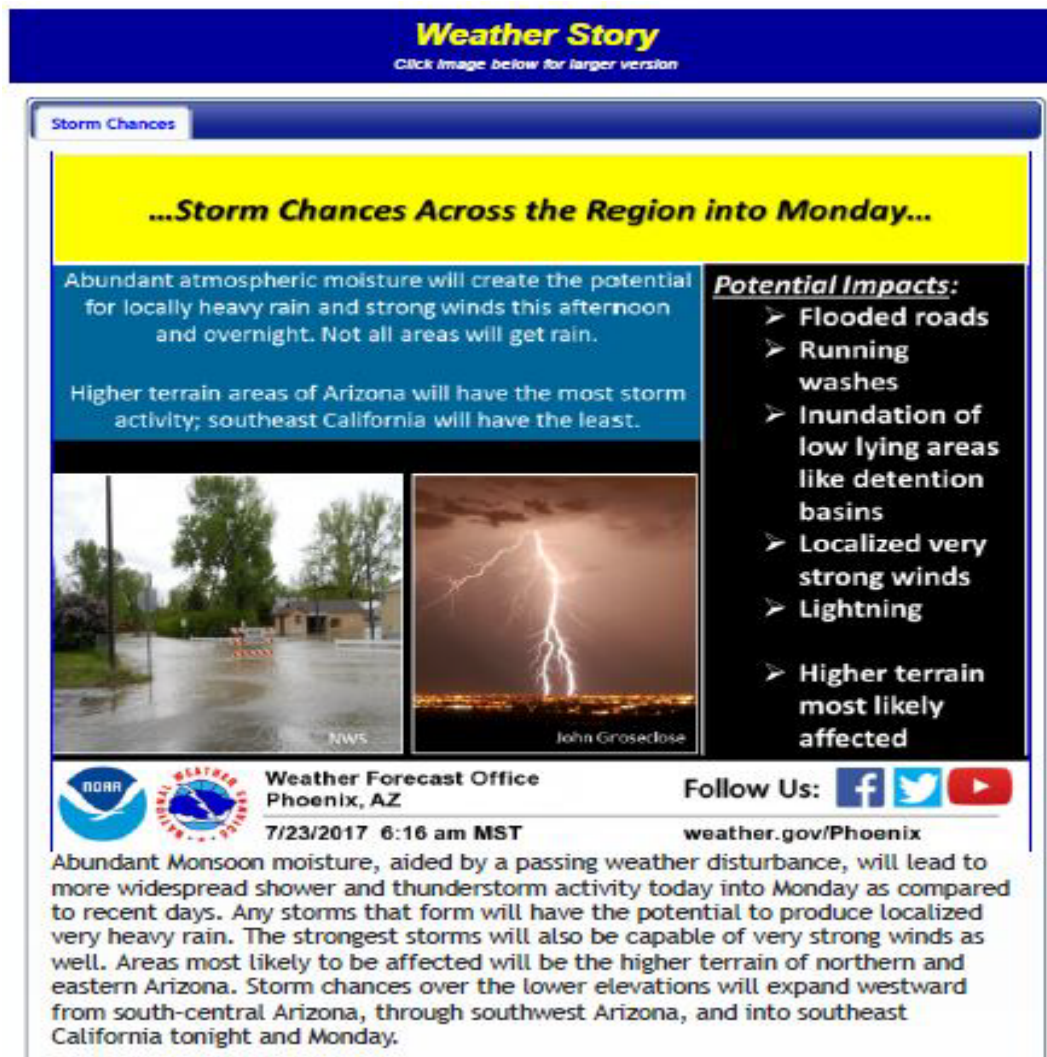


Fig C-2: Illustrates the active monsoon weather across the region on July 23, 2018

FIGURE C-3 PALMDALE WEATHER STORY

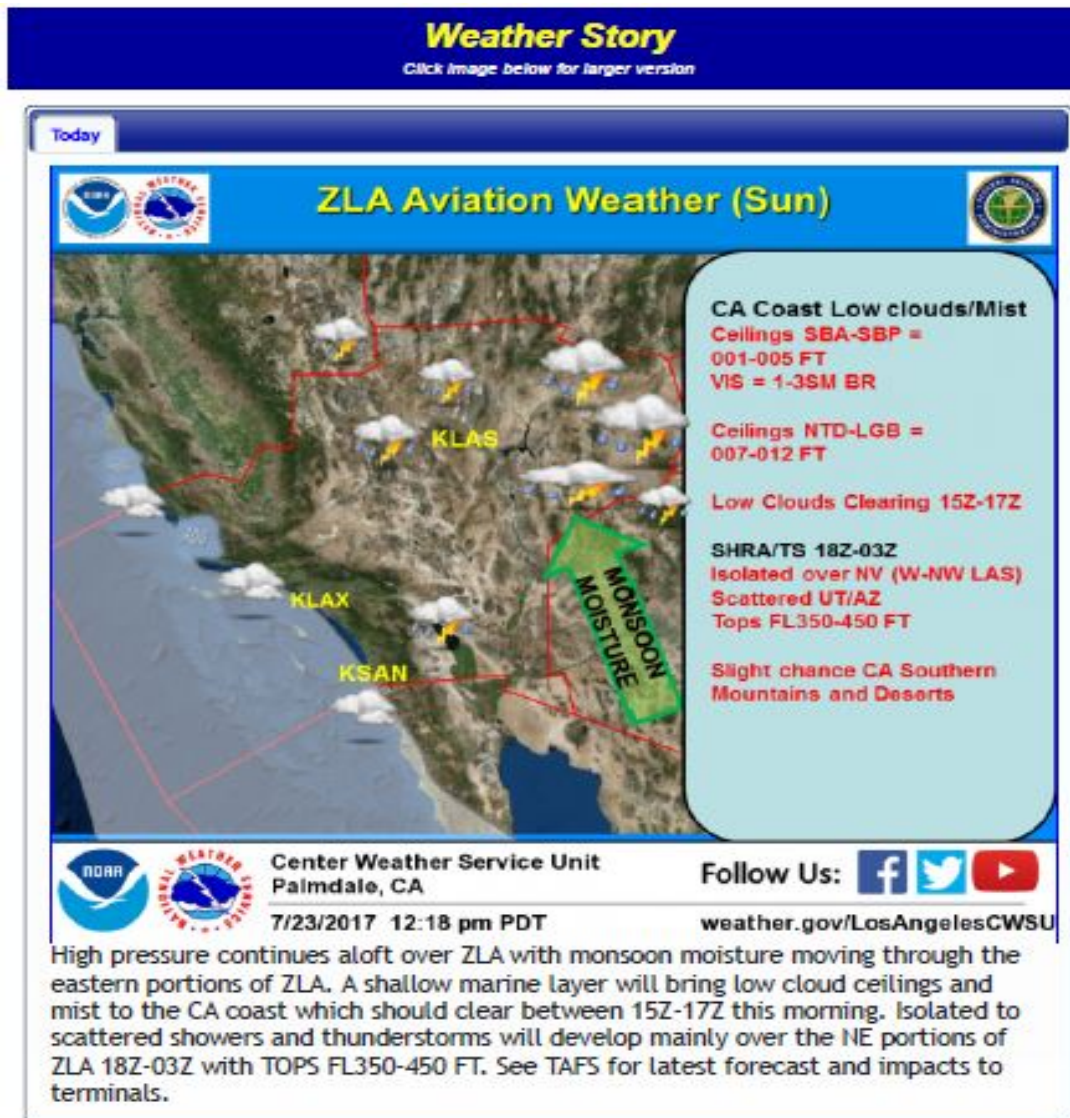


Fig C-3: Illustrates the surge of monsoon weather across the region on July 23, 2018

FIGURE C-4
SAN DIEGO WEATHER STORY

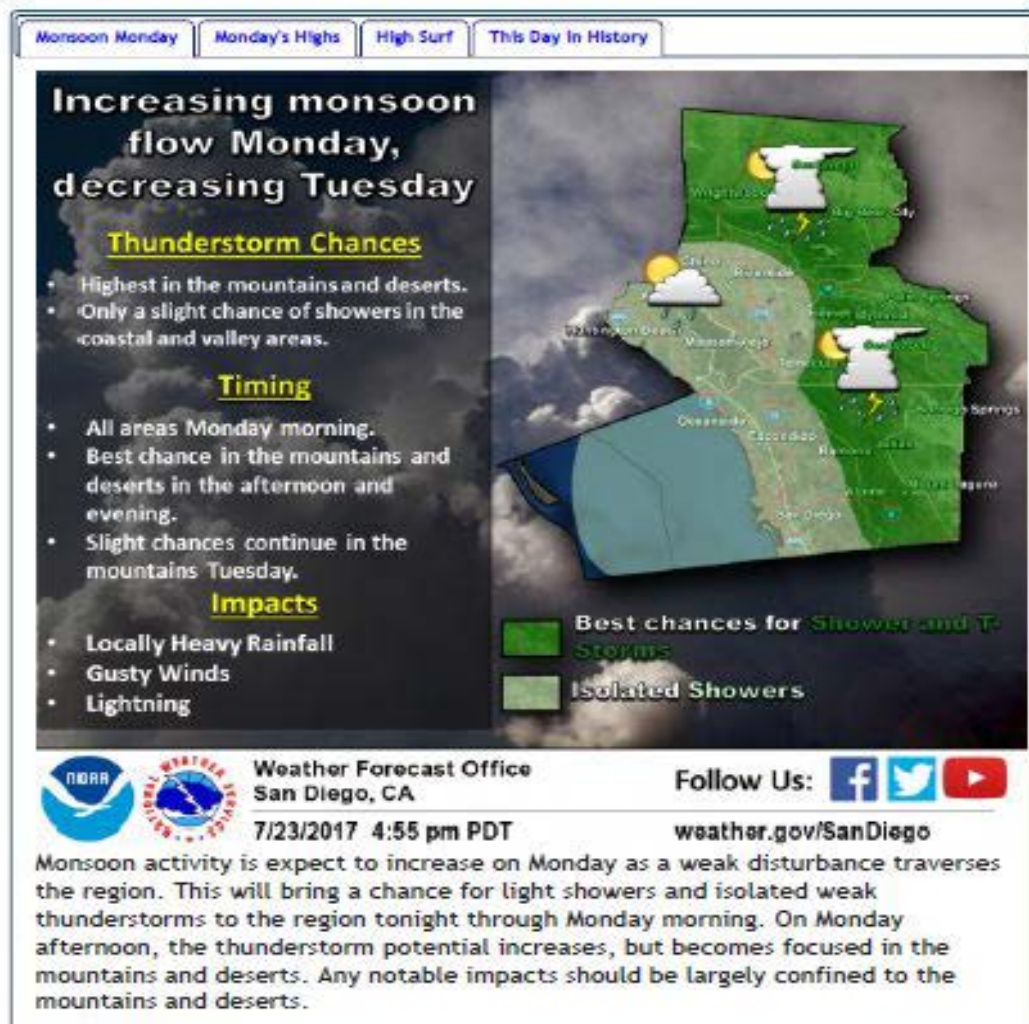


Fig C-4: Illustrates the active monsoon weather across the region on July 23, 2018

FIGURE C-5
INVERTED TROUGH BRINGS MONSOON AIR INTO THE REGION
1600 PST JULY 22, 2017

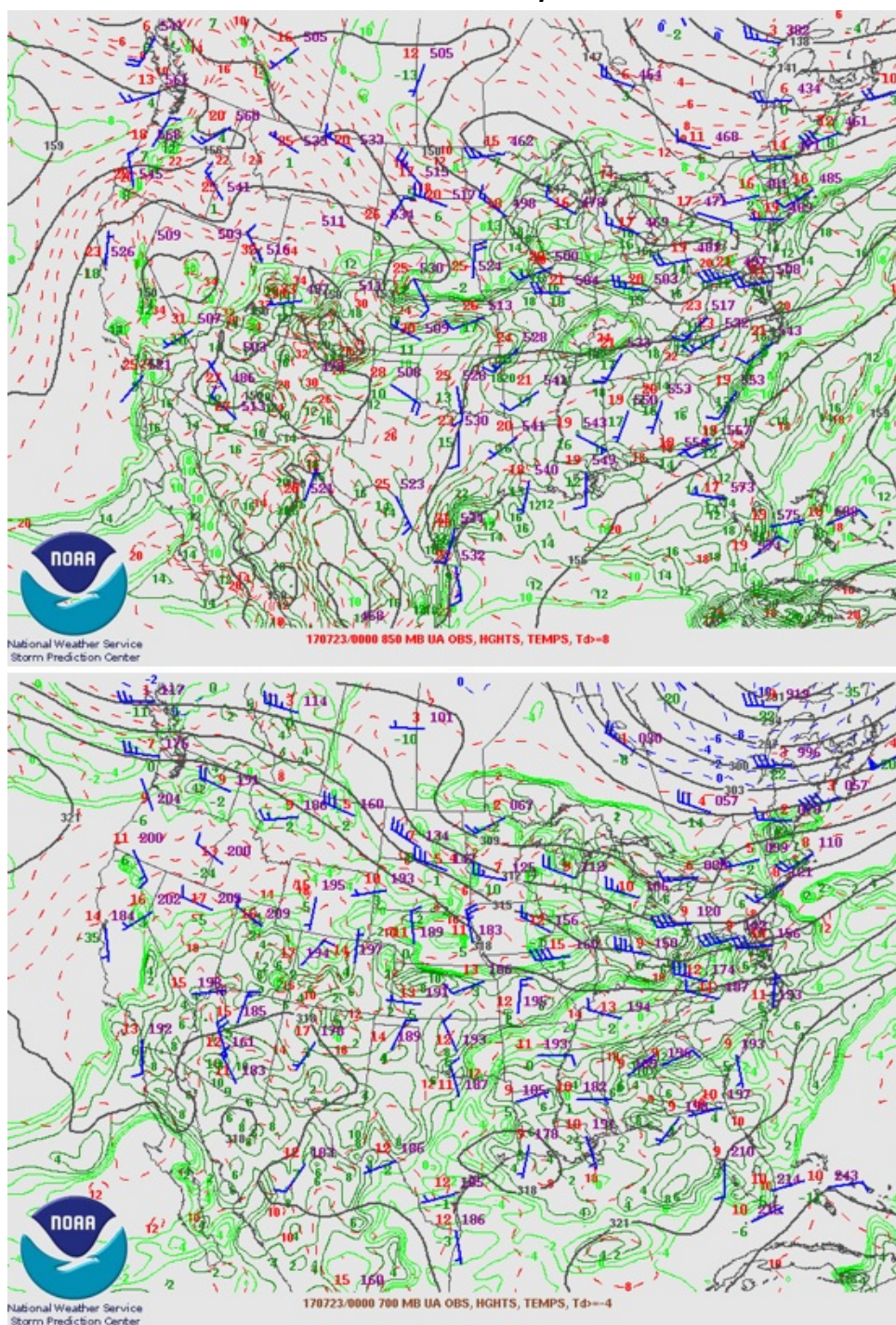


Fig C-5: An inverted trough (shown at 1600 PST July 22, 2017) brought monsoon air northward from Mexico into the southern Arizona and southeastern California. An 850mb map (top) shows the apex of the trough resting over the AZ-NM border. Bottom image shows the trough at 700 mb. Blue wind barbs depict the cyclonic rotation that funneled monsoonal air into the region. Source: Storm Prediction Center Surface and Upper Air Maps Archive; <http://www.spc.noaa.gov/obswx/map/>

**FIGURE C-6
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-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 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-7 DAILY WEATHER AND AG BURNING INFORMATION

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

Date: Sunday July 23 2017

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

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	104	ESE 18	10
8 AM	100	SE 15	10
9 AM	97	SE 11	10
10 AM	96	SSE 13	10
11 AM	95	SSE 13	10
NOON	90	SSW 3	10
1 PM	89	NE 3	10
2 PM	85	E 6	10
3 PM	85	ESE 10	10
4 PM	85	SE 9	10
5 PM	84	SE 8	10
6 PM	83	ESE 6	10
7 PM	85	SE 7	10

Max. Temperature yesterday was 100 degrees

Today's Mt. Signal Visibility at 7:30 AM YES 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	<u>12:00</u>
Forecast of Maximum Mixing Height	_____ feet <u>5,300</u> feet
Forecast for Morning surface winds	<u>SE 5-10</u> mph <u>SE 5-10</u> mph
Forecast for afternoon surface winds	<u>SSE 10-15 G25</u> mph <u>SSE 10-15 G25</u> mph
Forecast for evening surface winds	<u>SE 5-15</u> mph
Forecast 10 AM - 3 PM transport winds	<u>SSE 10-15</u> mph

Comments/Complaints: _____

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

Total actually burned today _____ acres Crops burned _____

Int MC

IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT 2011

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 July 23, 2017

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

Fig C-9: 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 July 23, 2017. The date for closing comments was **[Insert date]**

FIGURE C-9
IMPERIAL COUNTY COMMENTS REGARDING THE FEBRUARY 17, 2017 EE
DEMONSTRATION

Awaiting Final Comment Period