## APPENDIX C PUBLIC INFORMATION AND OTHER NOTICES

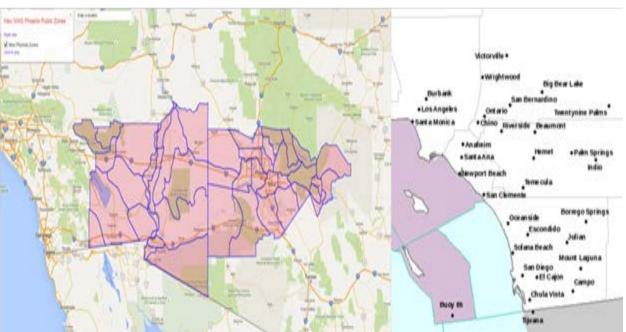


FIGURE C-1 NATIONAL WEATHER SERVICE PUBLIC ZONES

**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.

#### November 28 2018 Be Advised

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.

Potential increases in PM<sub>10</sub> concentrations may increase to moderate or unhealthy level. Imperial County Weather Synopsis

**IMPERIAL COUNTY** 

UPDATED FORECAST: PERIODS OF STRONG GUSTY WINDS FOR THURSDAY AND THURSDAY NIGHT

The NWS in San Diego has issued a WIND ADVISORY in effect from 6am Thursday through 6 am Friday for areas of south to southwest winds 25 to 35 mph with gusts to 55 mph, becoming westerly on Thursday afternoon and diminishing late Thursday night. Isolated gusts to 65 mph are possible. Winds will strengthen late tonight and Thursday, then diminish late Thursday night.

Location: Strongest winds near mountain ridge tops and along desert mountain slopes into adjacent desert areas. Nearby areas include the San Diego mountains, the San Diego deserts, and Borrego Springs.

Impacts: The winds will make driving difficult especially for motorists with high profile vehicles. Watch for broken tree limbs and downed power lines.

HIGH WINDS FORECASTED: Stronger and gusty southwest winds will develop late this afternoon (Wed) and tonight in the mountains and deserts, then become westerly Thursday afternoon and continue through Thursday night with stronger winds for coastal and valley areas mainly during the day on Thursday.

PRECIPITATION CHANCES: While most places will have at least some chance for rain, the rain shadow across Southeast California and western Arizona will keep precipitation in those places limited. The timing for the best precipitation chances will occur midday Thursday for El Centro and Southeast California and Thursday night through early Friday morning for the Phoenix area as the cold front moves from west to east.

West winds 10 to 20 mph Wednesday afternoon will increase to up to 25 to 30 mph on Thursday. The west and southwest portions of the county will have gusts 30 to 40 mph Wednesday night. Gusts on Thursday will reach 30 to 40 mph, with gusts to 50 mph in the southwest portion of the county.

#### SAN DIEGO WEATHER OFFICE

Onshore flow will strengthen today in advance of a Pacific storm that will move inland across California tonight and Thursday. Stronger and gusty southwest winds will develop late this afternoon and tonight in the mountains and deserts, then become westerly Thursday afternoon and continue through Thursday night with stronger winds for coastal and valley areas mainly during the day on Thursday. This storm is expected to bring widespread

moderate to locally heavy rainfall with the heaviest precipitation on Thursday. Another round of showers is possible for late Saturday into Sunday but with much less precipitation expected. Mostly dry on Monday and Tuesday with weak high pressure aloft and weak offshore lower level flow with locally gusty northeast winds near the coast mountain slopes. For late next Wednesday, another Pacific storm may move inland into portions of California.

#### **PHOENIX WEATHER OFFICE**

Dry conditions with above normal temperatures through Today. A cold front will move across the region Thursday into Thursday night. While most places will have at least some chance for rain, the rain shadow across Southeast California and western Arizona will keep precipitation in those places limited. However, the weather pattern takes a stark turn on Thursday as the aforementioned Pacific low makes landfall over California. While Thursday will start out fairly nice, a cold front will move through the forecast area reaching central Arizona by Thursday evening. Expect strong breezes across the region as the system approaches with gusts as strong as 30 miles per hour. The best chance for rainfall in the Phoenix metro area should occur Thursday evening into Thursday night. Expect a few lingering showers Friday mainly east of Phoenix. A much cooler and unsettled pattern will prevail this weekend and early next week, with temperatures Sunday into Monday nearly ten degrees below seasonal normal.

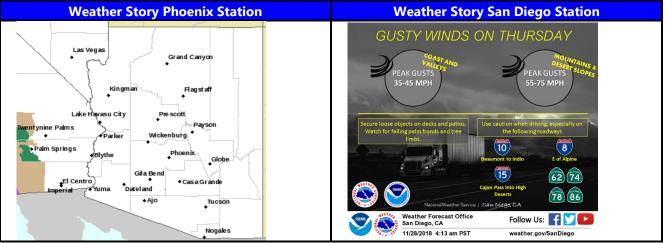


Fig C-2: A copy of the ICAPCD webpage advisory for November 28, 2018

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

## **Advisory Events**

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November 28 2018
Be Advised
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. Potential increases in PM <sub>10</sub> concentrations may increase to moderate or unhealthy level.
Imperial County Weather Synopsis
<b>IMPERIAL COUNTY</b> UPDATED FORECAST: PERIODS OF STRONG GUSTY WINDS FOR THURSDAY AND THURSDAY NIGHT
The NWS in San Diego has issued a WIND ADVISORY in effect from 6am Thursday through 6 am Friday for areas of south to southwest winds 25 to 35 mph with gusts to 55 mph, becoming westerly on Thursday afternoon and diminishing late Thursday night. Isolated gusts to 65 mph are possible. Winds will strengthen late tonight and Thursday, then diminish late Thursday night.
Location: Strongest winds near mountain ridge tops and along desert mountain slopes into adjacent desert areas. Nearby areas include the San Diego mountains, the San Diego deserts, and Borrego Springs.
Impacts: The winds will make driving difficult especially for motorists with high profile vehicles. Watch for broken tree limbs and downed power lines.
HIGH WINDS FORECASTED: Stronger and gusty southwest winds will develop late this afternoon (Wed) and tonight in the mountains and deserts, then become westerly Thursday afternoon and continue through Thursday night with stronger winds for coastal and valley areas mainly during the day on Thursday.
PRECIPITATION CHANCES: While most places will have at least some chance for rain, the rain shadow across Southeast California and western Arizona will keep precipitation in those places limited. The timing for the best precipitation chances will occur midday Thursday for El Centro and Southeast California and Thursday night through early Friday morning for the Phoenix area as the cold front moves from west to east.

West winds 10 to 20 mph Wednesday afternoon will increase to up to 25 to 30 mph on Thursday. The west and southwest portions of the county will have gusts 30 to 40 mph Wednesday night. Gusts on Thursday will reach 30 to 40 mph, with gusts to 50 mph in the southwest portion of the county.

#### SAN DIEGO WEATHER OFFICE

Onshore flow will strengthen today in advance of a Pacific storm that will move inland across California tonight and Thursday. Stronger and gusty southwest winds will develop late this afternoon and tonight in the mountains and deserts, then become westerly Thursday afternoon and continue through Thursday night with stronger winds for coastal and valley areas mainly during the day on Thursday. This storm is expected to bring widespread

moderate to locally heavy rainfall with the heaviest precipitation on Thursday. Another round of showers is possible for late Saturday into Sunday but with much less precipitation expected. Mostly dry on Monday and Tuesday with weak high pressure aloft and weak offshore lower level flow with locally gusty northeast winds near the coast mountain slopes. For late next Wednesday, another Pacific storm may move inland into portions of California.

#### **PHOENIX WEATHER OFFICE**

Dry conditions with above normal temperatures through Today. A cold front will move across the region Thursday into Thursday night. While most places will have at least some chance for rain, the rain shadow across Southeast California and western Arizona will keep precipitation in those places limited. However, the weather pattern takes a stark turn on Thursday as the aforementioned Pacific low makes landfall over California. While Thursday will start out fairly nice, a cold front will move through the forecast area reaching central Arizona by Thursday evening. Expect strong breezes across the region as the system approaches with gusts as strong as 30 miles per hour. The best chance for rainfall in the Phoenix metro area should occur Thursday evening into Thursday night. Expect a few lingering showers Friday mainly east of Phoenix. A much cooler and unsettled pattern will prevail this weekend and early next week, with temperatures Sunday into Monday nearly ten degrees below seasonal normal.

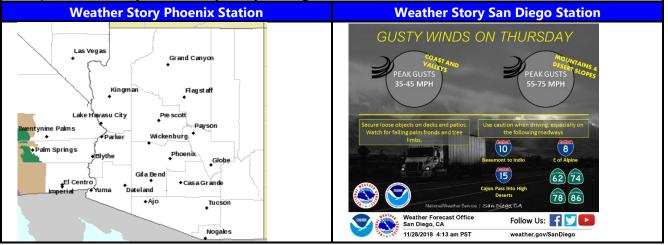


Fig C-3: A copy of the updated ICAPCD webpage advisory for November 28, 2018

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

## **Advisory Events**

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## November 28 2018

Be Advised

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.

Potential increases in PM<sub>10</sub> concentrations may increase to moderate or unhealthy level. Imperial County Weather Synopsis

#### WIND ADVISORIES

The NWS Phoenix office has issued a WIND ADVISORY IN EFFECT FROM 6 AM THURSDAY TO 6 AM PST FRIDAY. WINDS will be from the Southwest 25 to 35 mph with gusts up to 50 mph.

The NWS in San Diego has issued a WIND ADVISORY in effect from 6am Thursday through 6 am Friday for areas of south to southwest winds 25 to 35 mph with gusts to 55 mph, becoming westerly on Thursday afternoon and diminishing late Thursday night. Isolated gusts to 65 mph are possible. Winds will strengthen late tonight and Thursday, then diminish late Thursday night.

Location: Strongest winds near mountain ridge tops and along desert mountain slopes into adjacent desert areas. Nearby areas include the San Diego mountains, the San Diego deserts, and Borrego Springs.

Impacts: The winds will make driving difficult especially for motorists with high profile vehicles. Watch for broken tree limbs and downed power lines.

#### **IMPERIAL COUNTY**

UPDATED FORECAST: PERIODS OF STRONG GUSTY WINDS FOR THURSDAY AND THURSDAY NIGHT

HIGH WINDS FORECASTED: Stronger and gusty southwest winds will develop late this afternoon (Wed) and tonight in the mountains and deserts, then become westerly Thursday afternoon and continue through Thursday night with stronger winds for coastal and valley areas mainly during the day on Thursday.

PRECIPITATION CHANCES: While most places will have at least some chance for rain, the rain shadow across Southeast California and western Arizona will keep precipitation in those places limited. The timing for the best precipitation chances will occur midday Thursday for El Centro and Southeast California and Thursday night through early Friday morning for the Phoenix area as the cold front moves from west to east.

West winds 10 to 20 mph Wednesday afternoon will increase to up to 25 to 30 mph on Thursday. The west and southwest portions of the county will have gusts 30 to 40 mph Wednesday night. Gusts on Thursday will reach 30 to 40 mph, with gusts to 50 mph in the southwest portion of the county.

#### SAN DIEGO WEATHER OFFICE

Onshore flow will strengthen today in advance of a Pacific storm that will move inland across California tonight and Thursday. Stronger and gusty southwest winds will develop late this afternoon and tonight in the mountains and deserts, then become westerly Thursday afternoon and continue through Thursday night with stronger winds for coastal and valley areas mainly during the day on Thursday. This storm is expected to bring widespread

moderate to locally heavy rainfall with the heaviest precipitation on Thursday. Another round of showers is possible for late Saturday into Sunday but with much less precipitation expected. Mostly dry on Monday and Tuesday with weak high pressure aloft and weak offshore lower level flow with locally gusty northeast winds near the coast mountain slopes. For late next Wednesday, another Pacific storm may move inland into portions of California.

#### **PHOENIX WEATHER OFFICE**

Dry conditions with above normal temperatures through Today. A cold front will move across the region Thursday into Thursday night. While most places will have at least some chance for rain, the rain shadow across Southeast California and western Arizona will keep precipitation in those places limited. However, the weather pattern takes a stark turn on Thursday as the aforementioned Pacific low makes landfall over California. While Thursday will start out fairly nice, a cold front will move through the forecast area reaching central Arizona by Thursday evening. Expect strong breezes across the region as the system approaches with gusts as strong as 30 miles per hour. The best chance for rainfall in the Phoenix metro area should occur Thursday evening into Thursday night. Expect a few lingering showers Friday mainly east of Phoenix. A much cooler and unsettled pattern will prevail this weekend and early next week, with temperatures Sunday into Monday nearly ten degrees below seasonal normal.



Fig C-4: A copy of the updated ICAPCD webpage advisory containing Wind Advisories for November 28, 2018

### FIGURE C-5 IMPERIAL COUNTY WEB POSTING OF POTENTIAL ELEVATED PM CONCENTRATIONS

## **Advisory Events**

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November 29 2018 Be Advised

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.

Potential increases in PM<sub>10</sub> concentrations may increase to moderate or unhealthy level. Imperial County Weather Synopsis

#### **IMPERIAL COUNTY**

WIND ADVISORY IN EFFECT FOR THE SAN DIEGO COUNTY MOUNTAINS AND DESERTS: A WIND ADVISORY is in effect from 6 am this morning to 6 am PST Friday for the San Diego mountains and deserts. Areas of winds west 25 to 35 mph. Gusts to 45 mph becoming 55 mph in the afternoon.

WIND ADVISORY IN EFFECT FOR SOUTHWEST IMPERIAL: A Wind Advisory is in effect for southwest Imperial County from 6 am Thursday to 6 am Friday. Southwest winds 25 to 40 mph with gusts up to 55 mph are forecasted. Patchy blowing dust in the afternoon. Thursday night will have patchy blowing dust in the evening. West winds 30 to 45 mph.

On Thursday, Imperial County will have strong southwest winds 15 to 25 mph with gusts up to 35 mph. The western and southwestern portions of the County will have winds 20 to 40 mph with gusts 40 to 55 mph. Winds will remain strong on Friday and Saturday. Windy conditions may extend into Sunday.

#### SAN DIEGO WEATHER OFFICE

WIND ADVISORY IN EFFECT: A WIND ADVISORY is in effect from 6 am this morning to 6 am PST Friday for the San Diego mountains and deserts. Areas of winds west 25 to 35 mph. Gusts to 45 mph becoming 55 mph in the afternoon.

A Pacific storm system will bring widespread moderate to locally heavy precipitation for today into tonight along with strong and gusty winds. Some snow will occur in the mountains for this afternoon into tonight, mainly above 6000 feet. Some light precipitation could linger at times in San Diego County into early Saturday. Behind

the front, winds will shift to the west with strong winds and wind gusts for this afternoon into tonight in the mountains from the ridgetops and desert slopes into adjacent desert areas. Gusty west winds over the coastal waters will extend into adjacent coastal areas through this afternoon.

A weather system passing by to the north will bring another round of showers from midday Saturday through early Sunday with strong and gusty west winds in the mountains and deserts. The next round of showers is expected to reach the area by around midday Saturday with showers continuing into the evening along and west of the mountains. West winds in the mountains and deserts could be even stronger than for the system today. The rest of Sunday through Tuesday will be mostly dry with cool nights and a daytime warming trend for Monday and Tuesday. Another storm system could move through the region around Wednesday and Thursday of next week.

#### **PHOENIX WEATHER OFFICE**

Dry conditions with above normal temperatures through early Thursday. A cold front will then move across the region Thursday midday into Thursday night. By Thursday afternoon, this system will dig into the Southwest with a strong cold front pegged to move from west to east across the region. The front will push through Southeast California by midday Thursday bringing very strong winds capable of producing areas of blowing dust. As such, a wind advisory is in effect for portions of western Imperial County and Joshua Tree National Park from this morning until Friday evening. The best chance for rainfall in the Phoenix metro area should occur Thursday evening into Thursday night. Expect a few lingering showers Friday mainly east of Phoenix. A much cooler and unsettled pattern will prevail this weekend and early next week, with temperatures Sunday into Monday nearly ten degrees below seasonal normals.

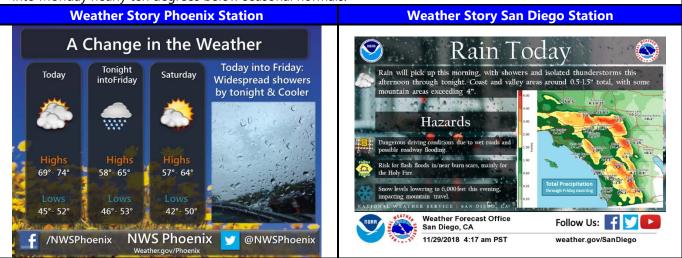
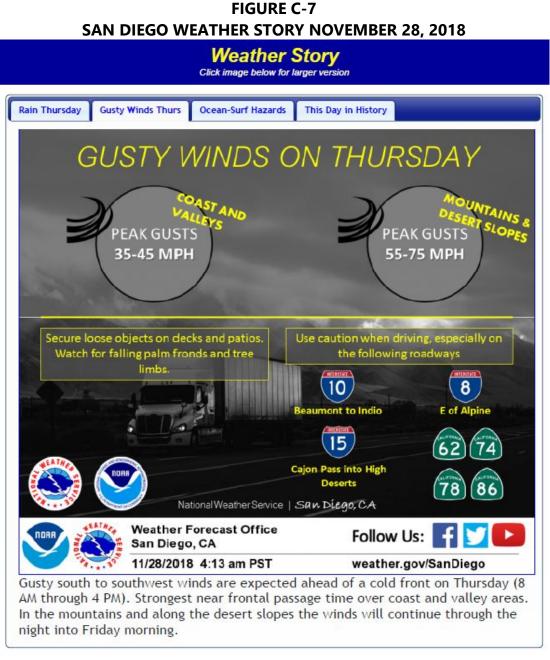


Fig C-5: A copy of the updated ICAPCD Weekend webpage advisory for November 29, 2018



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



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



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

# **FIGURE C-8**



A powerful Pacific low pressure system and associated cold front will move across the central Arizona deserts later today, bringing widespread showers to the greater Phoenix area by this evening. Showers will dissipate later tonight but continue into early Friday. Expect a notable cooling trend today into Friday, as high temperatures across the deserts fall below seasonal normal and into the low to mid 60s across the Phoenix area. <u>Hide Caption</u>



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

## FIGURE C-10 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-10:** 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-11 DAILY WEATHER AND AG BURNING INFORMATION

10		weather C	Observations at Imperia	al Airport (ASO	S) FAA/N	ws		
1000	CAL	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES				
7	AM	44	CALM	10				
8	AM	53	CALM	10				
9	AM	59	E-3	10				
10	AM	66	NE-3	9				
11	AM	70	ENE-5	9				
NC	ON	73	ESE-9	10				
1	PM	75	ESE-7	10				
2	PM	77	3	10				
3	PM	78	6	10				
4	PM	77	S-3	10				
5	PM	71	SSW-3	8				
6	PM	69	SSW-7	10				
7	PM	66	CALM	10				
	M	ax. Tempe	rature yesterday was	78 degrees				
Toda			ibility at 7:30 AM Clow	Internet	0 MB He	iaht		
	casts			1Y7 12Z 50			-	
High Today76				Local Forecast (Issued 8 AM Local)			Computer Forecast (RUC 40KM 12Z)	
Est. T	ïme M	ixina Heial	ht reaches 3000 feet				12:00 pm	
	Forecast of Maximum Mixing Height					feet	5,940	fee
	Forecast for Morning surface winds Forecast for afternoon surface winds			W 15	-20	mph mph	W 10-15 W 15-20	mpl
Fored				W 10				mp
			urface winds	W 15		mph		
Forec	ast 10	AM - 3 PN	A transport winds	W 15	-20	mph		
Commen	ts/Con	nplaints: _\	Winds could gust as	high as 30 MP	н			

**Fig C-11:** 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 November 29, 2018

### FIGURE C-12 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 genera 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.

And not a party to the matter of the A Press ation, printed and EI Centro, County per has been ratio roution by mty of Imperial, date of October 9, at the notice, of a copy, has been entire issue of said plement thereof on entalty of rrue and entalty of true and ter, or Principal Clerk of ter, or Principal Clerk of ter, or Principal Clerk of

**Fig C-12:** 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 November 29, 2018. The date for closing comments was October 20, 2019

## FIGURE C-13 IMPERIAL COUNTY COMMENTS REGARDING THE NOVEMBER 29, 2018 EE DEMONSTRATION

Awaiting Final Comment Period