

**SACRAMENTO**  
COUNTY  
OFFICE OF EMERGENCY SERVICES



# 2022 Severe Weather - Heat After Action Report



**7/17/2023**

## EXECUTIVE SUMMARY

This report evaluates some of the successes of the activation as well as opportunities for improvement, some of the key successes and improvement opportunities are:

### Key Successes

On June 15, 2022 the County Board of Supervisors adopted a new Extreme Heat Hazard Annex. The updates removed specific temperature thresholds, and instead, began setting thresholds based on National Weather Service HeatRisk data, which better accounts for heat impacts on the body. The Severe Weather Guidance was activated for unusually high temperatures, which posed a risk to the public for several days. Successes included coordination calls and coordination of logistical supplies for the efficient operation of cooling centers. Partnerships with County Libraries were strengthened to allow for two consistent facilities (Southgate and Arcade Libraries) in prime locations for the unhoused to visit. Fixed SacRT routes were established in order to move residents to/between cooling centers.

### Key Improvement Areas

Transportation: Identify ways to increase ridership between encampments and cooling centers.

In-camp assistance: Identify ways to provide in-camp assistance during extreme heat events.

Fatalities: Work with Public Health and homelessness advocates in order to provide information on the effects of drug use and severe weather, as well as provide encouragement for the unhoused to sign up for Sacramento Alert.

## ACTIVATION OVERVIEW

<b>Incident Name</b>	<b>2022 Severe Weather Heat/Air</b>
<b>Incident Dates</b>	Heat Wave I – May 24-25, 2022 (NWS Heat Advisory) Heat Wave II – June 10-11, 2022 (NWS Excessive Heat Warning) Heat Wave III – June 21-22, 2022 (NWS Heat Advisory) Heat Wave IV – Aug 16-20, 2022 (NWS Heat Advisory) Heat Wave V – Sep 4-9, 2022 (NWS Excessive Heat Warning)
<b>Operational Area</b>	Sacramento County
<b>OES Region</b>	Inland Region IV
<b>Hazards</b>	Severe Weather – Heat
<b>Activation Status</b>	Duty Officer
<b>Health Officer Advisory</b>	None due to Heat or Smoke State Health Order in place for COVID
<b>Sponsor</b>	Sacramento County Office of Emergency Services
<b>Participating Organizations</b>	Located in the Appendix B
<b>Point of Contact</b>	Jason R. D'Alessio Assistant Emergency Operations Coordinator Sacramento County Office of Emergency Services dalessioj@sacoes.org (916) 874-7043 office

## CONTENTS

<b>2022 Severe Weather - Heat After Action Report</b>	<b>1</b>
<b>Executive Summary</b>	<b>ii</b>
Key Successes	ii
Key Improvement Areas	ii
<b>Activation Overview</b>	<b>iii</b>
<b>Key Chronological Events</b>	<b>6</b>
Plan Review	7
Phase II: Heat Watch	7
Phase II: Actions	8
Phase III: Heat Warning	9
Phase III: Actions	10
Public Health Emergency Department Visits Tracking	13
Air Quality Due to Wildfire Smoke	14
Coroner Report	15
<b>General Statistics</b>	<b>16</b>
Cooling Centers Utilized	16
<b>Strengths</b>	<b>20</b>
Extreme Heat Guidance	20
Partnerships	20
Transportation	20
<b>Areas for Improvement</b>	<b>21</b>
Transportation	21
In-Camp Assistance	21
Fatalities	21
<b>Media and Social Media Analysis</b>	<b>22</b>
Facebook	22
Twitter	22
<b>Earned Media</b>	<b>23</b>
<b>2-1-1 Call Volume</b>	<b>26</b>
<b>Appendix A: Improvement Plan</b>	<b>1</b>

**Appendix B: Participating Organizations .....1**  
**Appendix C: Social Media Posts.....C-1**

## KEY CHRONOLOGICAL EVENTS

### *May 23, 2022*

Initial meeting with Operational Area (OA) partners to begin planning for summer cooling center operations. Purpose of the call is to go over roles/responsibilities of each agency, severe weather guidance and a time for the NWS to provide us an overview of the summer predictions and any new information pertinent to Sacramento County.

### *May 24-25, 2022*

NWS published a Heat Advisory from 12pm on May 24<sup>th</sup> to 11pm on May 25<sup>th</sup>. Department of Human Assistance decided to open two lobbies from 2pm to 8pm.

### *June 20, 2022*

NWS published a Heat Advisory from 10am on June 21<sup>st</sup> to 10pm on June 22<sup>nd</sup>. We conducted an OA partners Weather Call. Department of Human Assistance, Citrus Heights, Elk Grove and Sacramento City opened cooling centers.

### *August 15, 2022*

NWS published a Heat Advisory from 11am on August 16 to 7pm on August 20. We conducted an OA partners Weather Call. Department of Human Assistance, Citrus Heights, Elk Grove, Galt, Folsom, Rancho Cordova and Sacramento City opened cooling centers. The California Independent System Operator issued a statewide Flex Alert for Aug. 17, from 4 p.m. to 9 p.m.

### *September 4, 2022*

NWS issued an Excessive Heat Warning from September 4 to 9. We conducted an OA partners Weather Call on September 4. SMUD did not need to initiate rotation outages, but Flex Alerts were issued each day from August 31 to September 9. Sacramento City, Sacramento County OES, Elk Grove, Galt, Citrus Heights, Folsom, Rancho Cordova and Sacramento County Department of Human Assistance opened cooling centers between August 31 and September 9.

**Plan Review**

On June 15, 2022, the Board of Supervisors adopted a new Extreme Heat Hazard Annex. The activation criteria below are based on the new plan.

<b>Phase II: Heat Watch</b>	Heat Wave I (24-25 May)	Heat Wave II (10-11 Jun)	Heat Wave III (21-22 Jun)	Heat Wave IV (16-20 Aug)	Heat Wave V (4-9 Sep)
NWS Partner Email giving an outlook for an extended period of above average temperatures	MET	MET	MET	MET	MET
The NWS Sacramento issues Extreme Heat Watch	MET	MET	MET	MET	MET
Increased EMS calls or increased emergency department visits	NOT MET	NOT MET	NOT MET	NOT MET	NOT MET
Notification to/from OES that local jurisdictions have issued a special notice (warning, alert, etc.), however EOCs have not been activated	NOT MET	NOT MET	NOT MET	NOT MET	NOT MET
NWS Experimental HeatRisk projects temperatures are substantially in the Red, Level 3	MET	MET	MET	MET	MET
Projected abnormal animal mortality rates	NOT MET	NOT MET	NOT MET	NOT MET	NOT MET
Credible predictions of power outages, electrical blackouts, or rotating blackouts. SMUD has identified industry power shortages or limitations and will be asking customers to reduce or ration their electrical usage. This will typically coincide with a CAISO Level 3 warning	NOT MET	NOT MET	NOT MET	NOT MET	MET
Extreme Heat accompanied by electrical blackouts or rotating outages within Sacramento Operational Area	NOT MET	NOT MET	NOT MET	NOT MET	NOT MET

<b>Phase II: Actions</b>	Heat Wave I (24-25 May)	Heat Wave II (10-11 Jun)	Heat Wave III (21-22 Jun)	Heat Wave IV (16-20 Aug)	Heat Wave V (4-9 Sep)
OES Duty Officer makes internal OES notifications including activating a seasonal incident in WebEOC	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
Participate in calls as needed regarding weather and power updates	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
Conduct weather coordination calls each day the watch is in effect	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
Track and fill resource requests from cooperating agencies choosing to open cooling centers	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
Sacramento County Public Health Officer may issue a Health Alert to the OA	NA	NA	NA	NA	NA
Collaborate to identify any anticipated needs or problems	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
Sacramento County DHA may institute Weather Respite Motel Program and issue motel vouchers to highly vulnerable unsheltered persons	NA	COMPLETED	NA	COMPLETED	COMPLETED



OES Duty Officer will coordinate to determine the readiness and availability of resources	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
OES will coordinate with PIOs to issue joint press releases increasing awareness of the risks from the extreme heat conditions	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
Release critical pre-scripted and event-related public safety information	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
Review criteria for cooling centers keeping in mind considerations for pets and possible 24-hour operations	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
Monitor impacts to agriculture including animal mortality, rendering plant impacts and coordination with industry. Determine potential impacts to landfills due to heat related animal mortality	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED

<b>Phase III: Heat Warning</b>	Heat Wave I (24-25 May)	Heat Wave II (10-11 Jun)	Heat Wave III (21-22 Jun)	Heat Wave IV (16-20 Aug)	Heat Wave V (4-9 Sep)
NWS issues an Extreme Heat Warning for Sacramento County	MET	MET	MET	MET	MET

The NWS Experimental HeatRisk shows Magenta, Level 4 in Sacramento County for 3 or more consecutive days	MET	MET	MET	MET	MET
NWS Partner Email for Advisory or Extreme Heat Watch or Warning AND abnormal animal mortality due to extreme heat	NOT MET	NOT MET	NOT MET	NOT MET	NOT MET
NWS Partner Email for Advisory or Extreme Heat Watch or Warning AND abnormal human medical emergencies and mortality due to extreme heat conditions	NOT MET	NOT MET	NOT MET	NOT MET	NOT MET
NWS Partner Email for Advisory or Extreme Heat Watch or Warning AND SMUD electrical emergency and/or extended power outages due to extreme heat conditions or supply constraints	NOT MET	NOT MET	NOT MET	NOT MET	NOT MET

<b>Phase III: Actions</b>	Heat Wave I (24-25 May)	Heat Wave II (10-11 Jun)	Heat Wave III (21-22 Jun)	Heat Wave IV (16-20 Aug)	Heat Wave V (4-9 Sep)
All Phase II activities	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
Sacramento County Public Health Officer may issue a Health Emergency	NA	NA	NA	NA	NA
Opening of cooling centers, if necessary	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
EOC activation, as needed	NA	NA	NA	NA	NA
Request for Local Emergency Proclamation, if applicable	NA	NA	NA	NA	NA
Confirm 2-1-1 will post cooling center	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED

locations on websites, if opened or activated					
Increase press releases and public outreach informing public of center locations and steps to take to alleviate risks of health impacts associated with extreme heat emergency conditions	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
Requests for mutual aid may occur	NA	NA	NA	NA	NA
Activate transportation plan to make cooling center more accessible	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
Activate pet resources to make cooling center more accessible	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
Establish communication with local dialysis centers, skilled nursing facilities, and long-term care facilities to monitor for possible medical impacts if there is a concern regarding potential, prolonged, or rolling power outages or blackouts	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
Monitor rendering capacity statewide	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED

Coordinate with SMUD to identify and develop procedures for assigning "Critical Infrastructure" status temporarily to Cooling Centers that could be exempted from rotating blackouts	COMPLETED	COMPLETED	COMPLETED	COMPLETED	COMPLETED
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### Public Health Emergency Department Visits Tracking

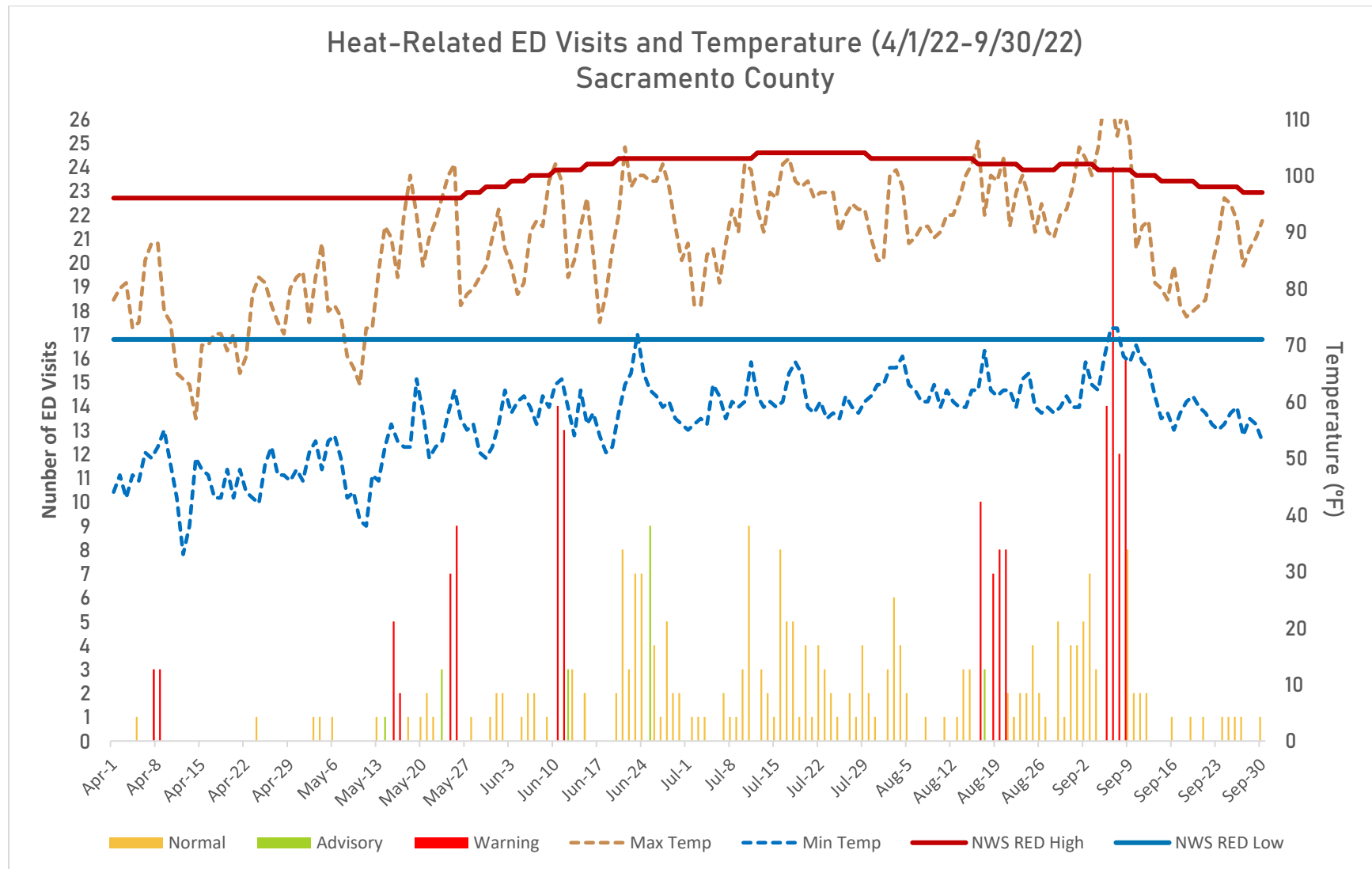
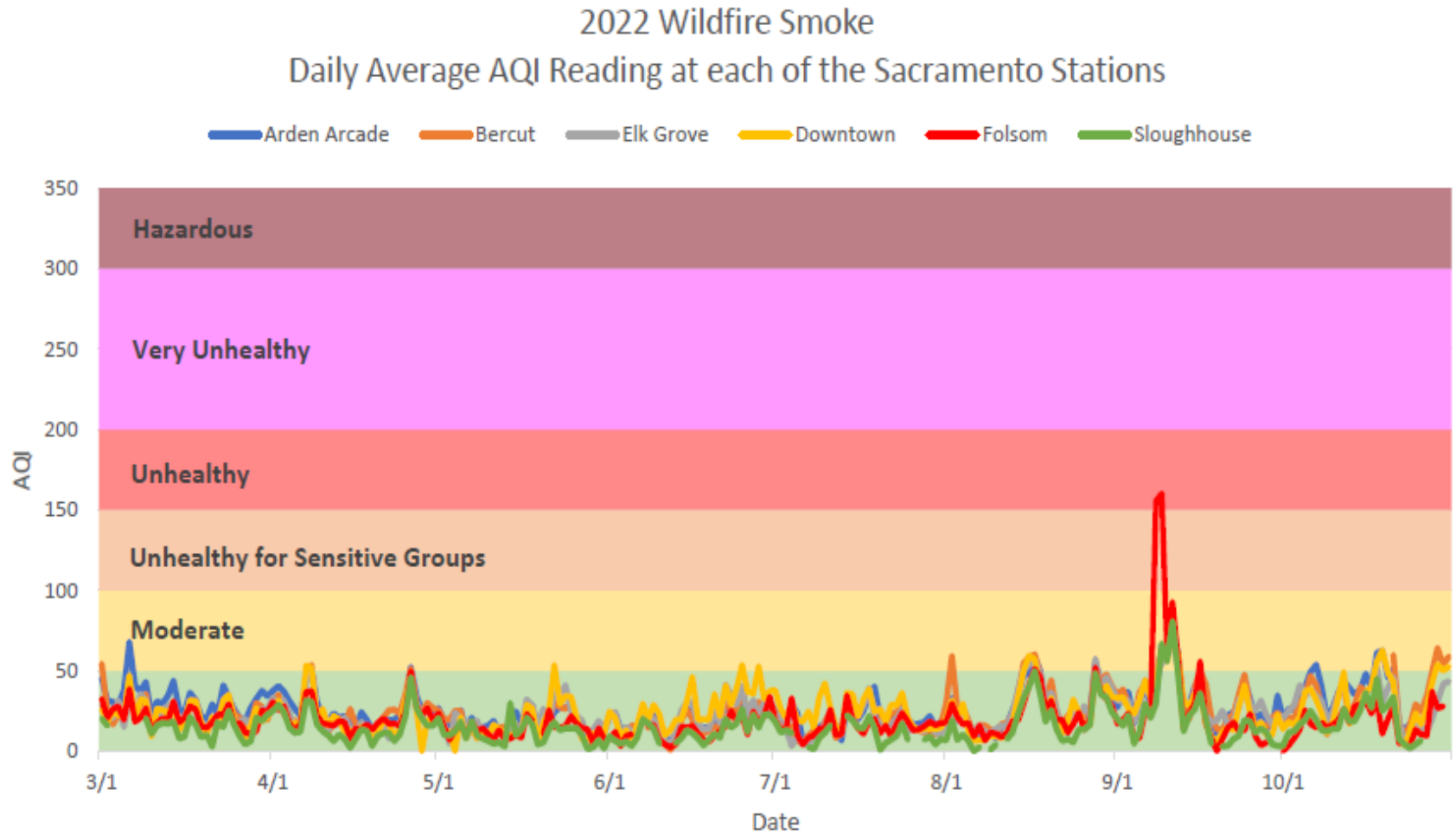


Figure 1: Chart depicting the actual temperatures and Hospital Emergency Department (ED) visits for the period of April 1<sup>st</sup> – Sep 30<sup>th</sup> 2022.

### Air Quality Due to Wildfire Smoke



## Coroner Report

At the time of publication, the County Coroner has determined that the following deaths during summer of 2022 were, or possibly were, heat related. The Coroner may verify additional deaths later and remains the official source of death reporting for Sacramento County.

Case Number	Date	Description
22-05212	9/3/22	49 year old male. Death certificate with heat stroke listed as cause of death was sent to us. The decedent apparently died on 9/3/22 and UCD Hospital failed to report it to us. He was living with his girlfriend so he had an address, but she may have kicked him out and he may have been staying in his van the day he died. He was found near the address listed for his residence at Huntsman Dr. and Parfait Dr. Cause will be listed as Hyperthermia.
22-05420	9/9/22	57 year old female that was brought in by ambulance today, 9/9/22, from her home in Antelope and died in the ER at Mercy San Juan Hospital. She had unknown medical hx. Her air conditioner stopped working at the beginning of the week and the temps in her home had been in the 90's according to witnesses. Cause will be listed as Hyperthermia.

## GENERAL STATISTICS

	Total Locations	Days Open	Visitors	Pets	Staff Hours	Volunteer Hours	Operational Costs
Cooling	15	38	1,053	96	816.5	209.5	\$36,621.50
Motel Vouchers	3	20	506	0	0	0	\$295,035

General Logistics	Quantity	Price / Per	Total Cost
Ice (Pounds)	0	TBD	\$0
Water (24-pack Cases)	28	\$9.20 / case	\$257.6
Snack (Individual Servings)	1240	\$0.24 / piece	\$297.6
Blankets	0	\$7.76 / blanket	\$0
MRE	36 (SAR)	\$51.93 / case (12)	\$155.76
Face Coverings	70 (N95 to SAR)	\$30 / carton (20)	\$54
Purchases (fans, coolers)	0	Varies	\$0
Rentals (fans, air conditioners, hand washing)	0	Varies	\$0
Staff Hours	816.5	Varies	UNK
Volunteer Hours	209.5	\$35.56	\$7,449.82

The Independent Sector [Value of a Volunteer Hour of \\$35.56 for 2021 in California](#).

## Cooling Centers Utilized

### County of Sacramento, Department of Human Assistance

Operational Cost: \$27,668

Volunteer value: \$0

Location	Days Open	Hours	Total Unique Visitors	Total Pets	Total Staff Hours	Total Volunteer Hours
DHA Lobby 1725 28 <sup>th</sup> St, Sacramento, CA 95816 <a href="#">Map to this site</a>	5/24-25	1400-2000	14	0	0	0
	6/9-11	1400-2000	91	9	34	0
	6/21-28	1600-2000 (M-F) 1400-2000 (S-S)	29	3	14	0
	7/11, 7/14-21	1400-2000	81	1	54	0
	8/14-19	1400-2000	55	0	34	0
	9/1-9	1600-2000 (R-F) 1400-2000 (Sat-W)	146	7	42	0



DHA Lobby 2700 Fulton Ave. Sacramento CA 95821 <a href="#">Map to this site</a>	5/24-25	1400-2000	6	0	0	0
DHA Lobby (F100) 5747 Watt Ave. North Highlands, CA 95660 <a href="#">Map to this site</a>	6/9-11	1600-2000 (6/9-10) 1400-2000 (6/11)	9	3	14	0
	6/21-28	1600-2000 (M-F) 1400-2000 (S-S)	34	9	18	0
	7/11, 7/14-21	1400-2000	23	1	52	0
	8/14-19	1400-2000	27	7	32	0
	9/1-9	1600-2000 (R-F) 1400-2000 (Sat-W)	70	7	42	0
DHA Lobby (SGM/V100) 2450 Florin Road , Sacramento CA 95822 <a href="#">Map to this site</a>	6/9-11	1400-2000	17	4	18	0
	6/21-28	1600-2000 (M-F) 1400-2000 (S-S)	30	0	30.5	0
	7/11, 7/14-21	1400-2000	7	0	54	0
	9/1-9	1600-2000 (R-F) 1400-2000 (Sat-W)	68	5	42	0

**County of Sacramento, Department of Human Assistance**

Motel Voucher Program

Operational Cost: \$0

Volunteer value: \$0

Date	Vouchers Issued	Households Checked In	Total People Served	Operational Cost
6/9/22-6/12/22	123	75	125	\$41,650
8/15/22-8/21/22	266	106	197	\$65,875
8/31/22-9/9/22	415	106	184	\$187,510

**County of Sacramento, Library**

Operational Cost: \$0

Volunteer value: \$5,600.70

Date	Days Open	Hours	Total Unique Visitors	Total Pets	Total Staff Hours	Total Volunteer Hours
Arcade Library 2443 Marconi Ave, Sacramento, CA 95821	6/9-11	1800-2000	7	0	0	17.5
	9/4-5	1100-2000	8	0	0	60
Southgate Library 6132 66th Ave, Sacramento, CA 95823	6/9-11	1800-2000	5	0	0	20
	9/4-5	1100-2000	20	0	0	60

**City of Sacramento**

Operational Cost: Not Provided

Volunteer value: \$0

Location	Days Open	Hours	Total Unique Visitors	Total Pets	Total Staff Hours	Total Volunteer Hours
Outreach Center 3615 Auburn Blvd	6/21-22	1200-2000	7	0	0	0
	8/15-19	1400-2200	0	0	0	0
	9/1-9	1400-2200 1200-2200 (R-F)	141	4	76	0

**Citrus Heights**

Operational Cost: \$647.5

Volunteer value: \$0

Location	Days Open	Hours	Total Unique Visitors	Total Pets	Total Staff Hours	Total Volunteer Hours
Community Center 6300 Fountain Square Dr.	6/9-10	Until 1800 (6/9) 2100 (6/10)	3	2	21	0
	6/21-24	0900-1900	9	4	28	0
	8/15-19	0900-1600	7	1	35	0
	8/31-9/2 9/5-9	0900-1600	No data reported			
Police Station Lobby 6310 Fountain Square Dr.	8/15-19	0900-2000	0	0	0	0
	8/31-9/9	0900-2100	4	0	0	0
Sylvan Oaks Library 6700 Auburn Blvd	8/31-9/9	1000-1800	No data reported			

**Elk Grove**

Operational Cost: \$7000

Volunteer value: \$853.44

Location	Days Open	Hours	Total Unique Visitors	Total Pets	Total Staff Hours	Total Volunteer Hours
Wackford Center 9014 Bruceville Rd.	6/21-27	1200-2000	18	0	56	0
	8/15-19	1400-2000	13	0	30	6
	9/1-3 & 9	1400-2000	14	6	24	8
The Center at District 56 8230 Civic Center Dr., Ste 100	9/4-8	1400-2000	27	6	30	10

**Galt**

Operational Cost: \$200

Volunteer value: \$71.12

Location	Days Open	Hours	Total Unique Visitors	Total Pets	Total Staff Hours	Total Volunteer Hours
Police Station Lobby 455 Industrial Dr	6/21-22	1600-2000	0	0	0	0
	8/15-17	1400-2000	5	0	2	2
	9/1-9	1400-2000	1	0	6	0

**Folsom**

Operational Cost: \$1106

Volunteer value: \$924.56

Location	Days Open	Hours	Total Unique Visitors	Total Pets	Total Staff Hours	Total Volunteer Hours
Folsom Public Library 411 Stafford St, Folsom	8/16-19	1000-1900	17	5	6	4
	9/2-9/9	1200-1900 (Sun-M) 1000-1900	40	12	22	22

**Rancho Cordova**

Operational Cost: Not Provided

Volunteer value: \$0

Location	Days Open	Hours	Total Unique Visitors	Total Pets	Total Staff Hours	Total Volunteer Hours
City Hall 2729 Prospect Park Dr.	8/15-19	1000-2000	0	0	0	0
	9/1-6	1400-2000	0	0	0	0
	9/8-9	1000-1900				

**Isleton**

Operational Cost: No activation

Volunteer value: No activation

Location	Days Open	Hours	Total Unique Visitors	Total Pets	Total Staff Hours	Total Volunteer Hours
			0	0	0	0

## STRENGTHS

### Extreme Heat Guidance

The update Extreme Heat Guidance proved successful during numerous heat events.

Strength 1.1: Coordination calls and coordination of logistical supplies for the efficient operation of cooling centers

### Partnerships

Strong partnerships allowed for quick communication and establishment of cooling centers with little lead time.

Strength 2.1: Partnerships with County Libraries allow for two consistent facilities (Southgate and Arcade Libraries) in prime locations for the unhoused.

### Transportation

Precoordinated routes and pickup/dropoff locations and times allowed for a predictable ride to cooling centers.

Strength 3.1: Fixed SacRT routes allowed for the movement of residents to/between cooling centers.

## AREAS FOR IMPROVEMENT

### Transportation

Regional Transit worked with the County and Sacramento City to establish bus routes and pickup locations between the different cooling centers. Busses were also used to move residents from cooling centers with high attendance to those with lower attendance in order to increase capacity. The hard part is getting those that need assistance to use the bus service.

**Improvement 1.1:** Identify ways to increase ridership between encampments and cooling centers.

### In-Camp Assistance

Based on low ridership from the unhoused, the County needs to work with CBOs, FBOs, etc. to provide some level of in-camp support to ensure those residents have appropriate water and respite from the heat.

**Improvement 2.1:** Identify ways to provide in-camp assistance during extreme heat events.

### Fatalities

There were two fatalities attributed in some part to the effects of heat. That is one more than last year.

**Improvement 3.1:** Work with Public Health and homelessness advocates in order to provide information on the effects of drug use and severe weather, as well as provide encouragement for the unhoused to sign up for Sacramento Alert.

## MEDIA AND SOCIAL MEDIA ANALYSIS

### Facebook

<b>Number of Posts</b> (Wave 1-5 Dates)	24
<b>Impressions</b>	56001
<b>Average Daily Total Reach</b>	2,257
<b>Total Engagement</b>	1,088
<b>Engagement Rate</b>	1.9%

### Twitter

<b>Number of Tweets</b>	30
<b>Impressions</b>	160,791
<b>Total Engagement</b>	4,312
<b>Extension Rate</b> The sum of retweets divided by the sum of impressions	.18%
<b>Engagement Rate</b> The sum of all actions divided by the sum of impressions	2.7%

## EARNED MEDIA

### Heat Wave I – May 24-25, 2022 (NWS Heat Advisory)

- Sacramento County opens cooling centers during high heat  
<https://fox40.com/news/local-news/sacramento-county-opens-cooling-centers-during-high-heat/>
- Beat the Heat | Cooling centers open in Sacramento County during heatwave  
<https://www.abc10.com/article/news/local/sacramento/cooling-centers-open-sacramento-county/103-35471c40-849d-42d8-a6b4-00bbe66f8586>

### Heat Wave II – June 10-11, 2022 (NWS Excessive Heat Warning)

- Several cooling centers open in NorCal for high heat through Saturday  
<https://www.kcra.com/article/sacramento-county-opens-cooling-centers-for-high-heat-through-saturday/40243422>
- Several cooling centers open in Sacramento region amid dangerously hot weather  
<https://www.capradio.org/articles/2022/06/09/several-cooling-centers-open-in-sacramento-region-amid-dangerously-hot-weather/>
- Triple-digit temperatures in Sacramento. Here's when you can expect it to cool down  
<https://www.abc10.com/article/weather/sacramento-weather-excessive-heat-wave-warning/103-b88a690b-4383-4e0e-a0f2-d82763cc84ac>
- Sacramento could break a more than 100-year-old heat record. Here's when it will cool down  
<https://www.sacbee.com/news/weather-news/article262388652.html>
- Triple Digit Heat Heading To Sacramento, Excessive Heat Warning For Friday  
<https://kfbk.iheart.com/content/2022-06-08-triple-digit-heat-heading-to-sacramento-excessive-heat-warning-for-friday/>
- Sacramento County will open cooling centers today through Saturday as triple-digit temperatures are expected  
<https://www.abc10.com/article/news/local/sacramento/sacramento-county-cooling-centers/103-3e1b5486-f601-4094-99d6-d144787fd75c>
- Sacramento County opening three cooling centers amid extreme heat. How hot will it get?  
<https://www.sacbee.com/news/weather-news/article262295532.html>
- Cooling Centers Opening In The Sacramento Area Ahead Of Triple-Digit Heat  
<https://www.cbsnews.com/sacramento/news/sacramento-area-cooling-centers-2/>
- Sacramento area, Central Valley could reach triple-digit temperatures Friday and Saturday  
<https://fox40.com/news/local-news/sacramento-area-central-valley-could-reach-triple-digit-temperatures-friday-and-saturday/>
- Northern California is reaching triple-digit temperatures. Here's how to stay safe.  
<https://www.abc10.com/article/weather/severe-weather/anyone-can-be-impacted-by-extreme-heat-heres/103-abbc9f71-dfdc-4103-8f89-bcee02c9eafa>

**Heat Wave III – June 21-22, 2022 (NWS Heat Advisory)**

- Triple-digit heat and wind return to Sacramento this week, bringing fire weather concerns <https://www.sacbee.com/news/weather-news/article262705062.html>
- Cooling centers in Northern California open this week for high heat <https://www.kcra.com/article/cooling-centers-sacramento-county-open-starting-tuesday-forecast-high-heat/40353280>
- Cooling centers | Sacramento, Roseville, Elk Grove, Manteca, San Joaquin County <https://www.abc10.com/article/news/local/sacramento/cooling-centers-sacramento-elk-grove-manteca/103-4f8e79ce-46e3-44df-9c9c-6eae04406a>
- Thousands experiencing homelessness look for places to cool off as temperatures climb in NorCal <https://www.kcra.com/article/thousands-experiencing-homelessness-cool-off-temperatures-climb-norcal/40361199>
- Sacramento region hit with another heat wave this week, cooling centers to open <https://www.capradio.org/articles/2022/06/21/sacramento-region-hit-with-another-heat-wave-this-week-cooling-centers-to-open/>

**Heat Wave IV – Aug 16-20, 2022 (NWS Heat Advisory)**

- Longest triple-digit heatwave of the year arrives in Sacramento this week <https://www.capradio.org/articles/2022/08/15/longest-triple-digit-heatwave-of-the-year-arrives-in-sacramento-this-week/>
- Triple-digit temperatures expected all week in the Sacramento region <https://fox40.com/weather/sacramento-region-weather-triple-digits-heat/>
- Cooling centers open as triple-digit heat wave settles in for Sacramento <https://www.abc10.com/article/weather/severe-weather/cooling-centers-sacramento-county/103-87a405a2-2ddf-45ef-a647-9eb9fa61bd47>
- Triple-digit heat expected to linger into Saturday <https://fox40.com/weather/triple-digit-heat-expected-to-linger-into-saturday/>

**Heat Wave V – Sep 4-9, 2022 (NWS Excessive Heat Warning)**

- Heat wave hits Northern California — here's how to stay safe and cool <https://www.capradio.org/articles/2022/09/02/heat-wave-hits-northern-california-heres-how-to-stay-safe-and-cool/>
- Spray parks, cooling centers, pool party happening this weekend as many Californians try to beat the heat <https://www.kcra.com/article/spray-parks-cooling-centers-californians-try-beat-heat/41069827>
- How can Sacramento heat turn fatal? What to know with temps above 110 <https://www.sacbee.com/news/weather-news/article265256011.html>
- SACRAMENTO COOLING CENTERS EXTENDED THROUGH FRIDAY, SEPTEMBER 9<sup>TH</sup> <https://www.rosevilletoday.com/news/sacramento/cooling-centers-sacramento/>
- With Sacramento cooling centers near-empty, volunteers step in to help unhoused amid record-setting heatwave <https://www.capradio.org/articles/2022/09/07/with->

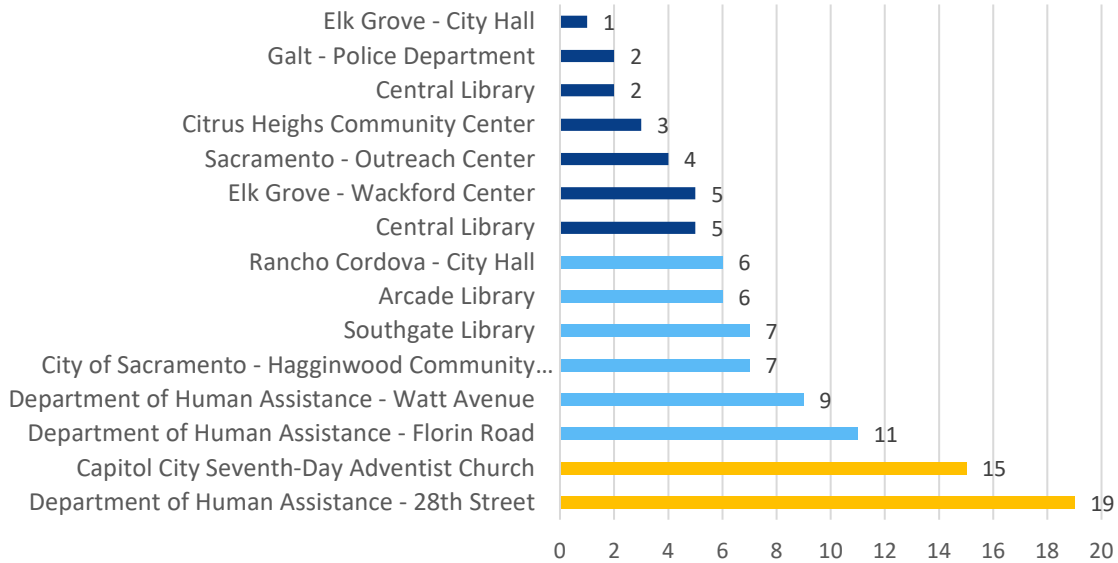


[sacramento-cooling-centers-near-empty-volunteers-step-in-to-help-unhoused-amid-record-setting-heatwave/](#)

- California heat wave forecast: Smoky skies, looking ahead on final day of triple digits  
<https://www.kcra.com/article/heat-wave-sacramento-valley-sept-9/41133734>
- Heat wave breaks local all-time record  
<https://goldcountrymedia.com/news/238840/heat-wave-breaks-local-all-time-record/>

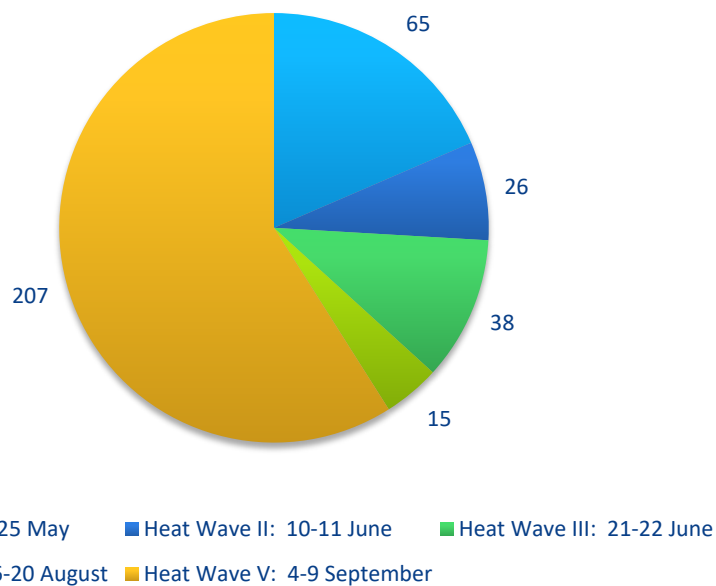
## 2-1-1 CALL VOLUME

Referrals to Cooling Centers May 24 - September 9, 2022



A total of 144 unique calls, 191 expressing need for a cooling center, with a total of 182 referrals made.

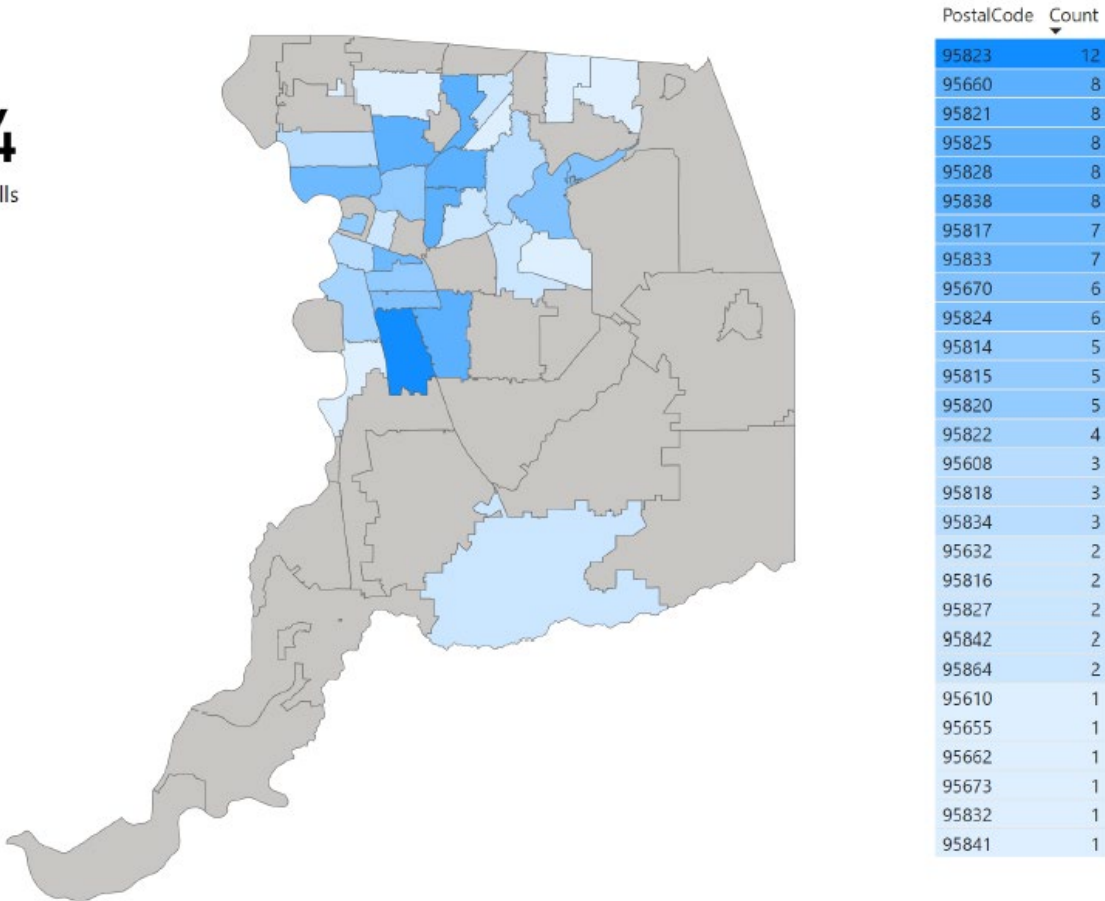
Average Daily 2-1-1 Website Views By Heat Wave



Callers by Postal Code - May 24 - September 9, 2022

144

Unique Calls



## APPENDIX A: IMPROVEMENT PLAN

This IP has been developed specifically for Sacramento County as a result of the 2022 Severe Weather.

Corrective Action Area	Issue/Area for Improvement	Corrective Action	Primary Responsible Organization	Organization POC	Start Date	Completion Date
1.1	Transportation	Identify ways to increase ridership between encampments and cooling centers.	County OES	Jason D'Alessio	Oct '22	May '23
2.1	In-Camp Assistance	Identify ways to provide in-camp assistance during extreme heat events.	County DHA	Julie Field	Oct '22	May '23
3.1	Fatalities	Work with Public Health and homelessness advocates in order to provide information on the effects of drug use and severe weather, as well as provide encouragement for the unhoused to sign up for Sacramento Alert.	Public Health & PIO	Dr. Kasirye & Kim Nava	Oct '22	May '23

## APPENDIX B: PARTICIPATING ORGANIZATIONS

- 2-1-1 Sacramento
- American Red Cross
- CalOES
- City of Citrus Heights
- City of Folsom
- City of Folsom Fire
- City of Galt
- City of Rancho Cordova
- City of Sacramento
- City of Isleton
- Cosumnes Community Services District
- Cosumnes Fire District
- County Library
- Medical Reserve Corps
- National Weather Service, Sacramento Office
- Rancho Cordova Police Department
- Regional Parks
- Wilton Fire Department
- Sacramento Self Help Housing (HART)
- ParaTransit
- Regional Transit
- Sacramento County Department of Health Services
- Sacramento County Department of Human Assistance
- Sacramento County Department of Technology 3-1-1
- Sacramento County Sheriff's Office
- Sacramento Food Bank
- Sacramento County OES
- Sacramento Metro Fire
- Sacramento Metropolitan Air Quality Management District (SMAQMD)
- Sacramento Municipal Utility District (SMUD)
- Volunteer Organizations Active in Disasters (VOAD)

## APPENDIX C: SOCIAL MEDIA POSTS

Date	Link
May 24	<ul style="list-style-type: none"> <li data-bbox="401 287 1495 359">○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid02eCjTCwQ6Ya6JUCmWWyjPpvQYswtvniyqRmZBRU7rANMw5JKkC668GdiYSQpsRvyAl">https://www.facebook.com/SacramentoCounty/posts/pfbid02eCjTCwQ6Ya6JUCmWWyjPpvQYswtvniyqRmZBRU7rANMw5JKkC668GdiYSQpsRvyAl</a></li> <li data-bbox="401 405 1295 438">○ <a href="https://twitter.com/SacCountyCA/status/1529138347335004160">https://twitter.com/SacCountyCA/status/1529138347335004160</a></li> <li data-bbox="401 485 1295 518">○ <a href="https://twitter.com/SacCountyCA/status/1529138349335715840">https://twitter.com/SacCountyCA/status/1529138349335715840</a></li> </ul>
May 25	<ul style="list-style-type: none"> <li data-bbox="401 567 1503 638">○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid0xx91G8CDkXii1F9L2A2r4bJMdkjbfJYG57oKJwBUoo3vQ3SbLRRGY2tCCnimBH5HI">https://www.facebook.com/SacramentoCounty/posts/pfbid0xx91G8CDkXii1F9L2A2r4bJMdkjbfJYG57oKJwBUoo3vQ3SbLRRGY2tCCnimBH5HI</a></li> <li data-bbox="401 684 1295 718">○ <a href="https://twitter.com/SacCountyCA/status/1529513754924302340">https://twitter.com/SacCountyCA/status/1529513754924302340</a></li> </ul>
June 8	<ul style="list-style-type: none"> <li data-bbox="401 760 1503 831">○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid02ikhBSnbNQsNxT3FkXB3EBaT7DXRTrYpDA1gkDLFrDiDQSWtmDbqBu8cC6CFnu23MI">https://www.facebook.com/SacramentoCounty/posts/pfbid02ikhBSnbNQsNxT3FkXB3EBaT7DXRTrYpDA1gkDLFrDiDQSWtmDbqBu8cC6CFnu23MI</a></li> <li data-bbox="401 877 1295 911">○ <a href="https://twitter.com/SacCountyCA/status/1534594294564020224">https://twitter.com/SacCountyCA/status/1534594294564020224</a></li> <li data-bbox="401 957 1295 991">○ <a href="https://twitter.com/SacCountyCA/status/1534594296057241600">https://twitter.com/SacCountyCA/status/1534594296057241600</a></li> <li data-bbox="401 1037 1295 1071">○ <a href="https://twitter.com/SacCountyCA/status/1534594297227448321">https://twitter.com/SacCountyCA/status/1534594297227448321</a></li> </ul>
June 9	<ul style="list-style-type: none"> <li data-bbox="401 1110 1495 1182">○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid02V8MgzNTaFUDQywgXRtYNn8fNuRKWUESbEgxiNEnAqPatVol2JwcEa6DRVaQgdVfl">https://www.facebook.com/SacramentoCounty/posts/pfbid02V8MgzNTaFUDQywgXRtYNn8fNuRKWUESbEgxiNEnAqPatVol2JwcEa6DRVaQgdVfl</a></li> <li data-bbox="401 1228 1295 1262">○ <a href="https://twitter.com/SacCountyCA/status/1534946965879812103">https://twitter.com/SacCountyCA/status/1534946965879812103</a></li> </ul>
June 10	<ul style="list-style-type: none"> <li data-bbox="401 1304 1503 1375">○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid0fyvnmGgtgzokdn8Fw4ZNBaBc15eQ9nGjRNmr6XgfGMbFwYMnowYgkkkreuvMw1KhI">https://www.facebook.com/SacramentoCounty/posts/pfbid0fyvnmGgtgzokdn8Fw4ZNBaBc15eQ9nGjRNmr6XgfGMbFwYMnowYgkkkreuvMw1KhI</a></li> <li data-bbox="401 1421 1295 1455">○ <a href="https://twitter.com/SacCountyCA/status/1535302624160776193">https://twitter.com/SacCountyCA/status/1535302624160776193</a></li> </ul>
June 11	<ul style="list-style-type: none"> <li data-bbox="401 1497 1503 1568">○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid0LTRok1vQ6NaG5gg7Bu3G5jAGtYeSyTy78NVEjKzGasFvuC7DPftux37Q87qa9UNl">https://www.facebook.com/SacramentoCounty/posts/pfbid0LTRok1vQ6NaG5gg7Bu3G5jAGtYeSyTy78NVEjKzGasFvuC7DPftux37Q87qa9UNl</a></li> <li data-bbox="401 1614 1295 1648">○ <a href="https://twitter.com/SacCountyCA/status/1535639995020627968">https://twitter.com/SacCountyCA/status/1535639995020627968</a></li> </ul>
June 20	<ul style="list-style-type: none"> <li data-bbox="401 1690 1495 1761">○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid02ibjn4AhrHiMj9cWLUxvvdVntt7p5gJYSqMvwgGJjQ1qxvcaD5fUui9UE9CFXRdEI">https://www.facebook.com/SacramentoCounty/posts/pfbid02ibjn4AhrHiMj9cWLUxvvdVntt7p5gJYSqMvwgGJjQ1qxvcaD5fUui9UE9CFXRdEI</a></li> <li data-bbox="401 1808 1295 1841">○ <a href="https://twitter.com/SacCountyCA/status/1539022524033343488">https://twitter.com/SacCountyCA/status/1539022524033343488</a></li> </ul>

<p>June 21</p>	<ul style="list-style-type: none"> <li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid02WcqMGbKu5DPwmtcxJNkb1Rs8k2iCdDZtwgeiPqTUfByUFq941ru2PxnzwSpHGAAeel">https://www.facebook.com/SacramentoCounty/posts/pfbid02WcqMGbKu5DPwmtcxJNkb1Rs8k2iCdDZtwgeiPqTUfByUFq941ru2PxnzwSpHGAAeel</a></li> <li>○ <a href="https://twitter.com/SacCountyCA/status/1539331904658214912">https://twitter.com/SacCountyCA/status/1539331904658214912</a></li> </ul>
<p>June 23</p>	<ul style="list-style-type: none"> <li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid0t5wSfCKV1LmuoseD9m29JcWVky1M7N8oUCG4h9Lafc6Phpg2kVhRuKiPUx1AEA3el">https://www.facebook.com/SacramentoCounty/posts/pfbid0t5wSfCKV1LmuoseD9m29JcWVky1M7N8oUCG4h9Lafc6Phpg2kVhRuKiPUx1AEA3el</a></li> <li>○ <a href="https://twitter.com/SacCountyCA/status/1540059666176036864">https://twitter.com/SacCountyCA/status/1540059666176036864</a></li> </ul>
<p>August 14</p>	<ul style="list-style-type: none"> <li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid02ELbx76FNYp2u6Zsyu9unSpnwFgqb3YSigfW1BUeHYVVXBUHfqJnp2GN1Fv3zMW9Yl">https://www.facebook.com/SacramentoCounty/posts/pfbid02ELbx76FNYp2u6Zsyu9unSpnwFgqb3YSigfW1BUeHYVVXBUHfqJnp2GN1Fv3zMW9Yl</a></li> <li>○ <a href="https://twitter.com/SacCountyCA/status/1558845904408289280">https://twitter.com/SacCountyCA/status/1558845904408289280</a></li> </ul>
<p>August 15</p>	<ul style="list-style-type: none"> <li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid02BQTK8a1bzEAus4NJrUDTsiNCzryuMVeRgLhoZutLzEqjnhwX8wxz5GPkRABY9Vvml">https://www.facebook.com/SacramentoCounty/posts/pfbid02BQTK8a1bzEAus4NJrUDTsiNCzryuMVeRgLhoZutLzEqjnhwX8wxz5GPkRABY9Vvml</a></li> <li>○ <a href="https://twitter.com/SacCountyCA/status/1559222544971862016">https://twitter.com/SacCountyCA/status/1559222544971862016</a></li> </ul>
<p>August 16</p>	<ul style="list-style-type: none"> <li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid06Qq8qYzZDtj8tt64sEtWQTJCG9pT9vYTCK5DYtHANeRVqT1TJNfsY6PtSZaZu9bHl">https://www.facebook.com/SacramentoCounty/posts/pfbid06Qq8qYzZDtj8tt64sEtWQTJCG9pT9vYTCK5DYtHANeRVqT1TJNfsY6PtSZaZu9bHl</a></li> <li>○ <a href="https://twitter.com/SacCountyCA/status/1559625202127949825">https://twitter.com/SacCountyCA/status/1559625202127949825</a></li> <li>○ <a href="https://twitter.com/SacCountyCA/status/1559670022871519232">https://twitter.com/SacCountyCA/status/1559670022871519232</a></li> </ul>
<p>August 17</p>	<ul style="list-style-type: none"> <li>○ <a href="https://twitter.com/SacCountyCA/status/1559960277671559169">https://twitter.com/SacCountyCA/status/1559960277671559169</a></li> </ul>
<p>August 18</p>	<ul style="list-style-type: none"> <li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid0XqiJBM3o1wbpz38N6L47j4wWc6G4rGJXC3E1AXWNzBkTrr9pEJF6it5bWQXwUpXeI">https://www.facebook.com/SacramentoCounty/posts/pfbid0XqiJBM3o1wbpz38N6L47j4wWc6G4rGJXC3E1AXWNzBkTrr9pEJF6it5bWQXwUpXeI</a></li> <li>○ <a href="https://twitter.com/SacCountyCA/status/1560370770118725632">https://twitter.com/SacCountyCA/status/1560370770118725632</a></li> </ul>
<p>August 19</p>	<ul style="list-style-type: none"> <li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid02Rx6uJBLbeDY7xXRRLFmchnh1dKsa5RrYGoUpDudoUzWj3XbFmVgJTcbBvMZ7XXFzl">https://www.facebook.com/SacramentoCounty/posts/pfbid02Rx6uJBLbeDY7xXRRLFmchnh1dKsa5RrYGoUpDudoUzWj3XbFmVgJTcbBvMZ7XXFzl</a></li> <li>○ <a href="https://twitter.com/SacCountyCA/status/1566095926698987520">https://twitter.com/SacCountyCA/status/1566095926698987520</a></li> </ul>

September 1	<ul style="list-style-type: none"><li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid0QgHGGuWo23zPBJiT86Yw3QoukfgsDtj3uRGVR8fAToNzFEA5yjSyVbBtgNRh2LnVal">https://www.facebook.com/SacramentoCounty/posts/pfbid0QgHGGuWo23zPBJiT86Yw3QoukfgsDtj3uRGVR8fAToNzFEA5yjSyVbBtgNRh2LnVal</a></li><li>○ <a href="https://twitter.com/SacCountyCA/status/1565422993018212352">https://twitter.com/SacCountyCA/status/1565422993018212352</a></li></ul>
September 2	<ul style="list-style-type: none"><li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid02DVgWPtASshYx85E7oNbRSxiWyBc141DbTA4Grr2nKej4hQCTGBs8otfUEaZgeQzVI">https://www.facebook.com/SacramentoCounty/posts/pfbid02DVgWPtASshYx85E7oNbRSxiWyBc141DbTA4Grr2nKej4hQCTGBs8otfUEaZgeQzVI</a></li><li>○ <a href="https://twitter.com/SacCountyCA/status/1565771584417124352">https://twitter.com/SacCountyCA/status/1565771584417124352</a></li></ul>
September 3	<ul style="list-style-type: none"><li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid0jvQgc1pog6nFi5y3LXbUjTQtEAXqBkd1KM6yQkVqET9aHvDL2hTABzpZKqmvHSD1">https://www.facebook.com/SacramentoCounty/posts/pfbid0jvQgc1pog6nFi5y3LXbUjTQtEAXqBkd1KM6yQkVqET9aHvDL2hTABzpZKqmvHSD1</a></li><li>○ <a href="https://twitter.com/SacCountyCA/status/1566095926698987520">https://twitter.com/SacCountyCA/status/1566095926698987520</a></li></ul>
September 4	<ul style="list-style-type: none"><li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid0367FBqF3R3wu5KKSa4xUVcxN1TPKj745NZZqzSgWwy5mXZQ4wSt4PxUH2p9cdUfvFI">https://www.facebook.com/SacramentoCounty/posts/pfbid0367FBqF3R3wu5KKSa4xUVcxN1TPKj745NZZqzSgWwy5mXZQ4wSt4PxUH2p9cdUfvFI</a></li><li>○ <a href="https://twitter.com/SacCountyCA/status/1566456052228296707">https://twitter.com/SacCountyCA/status/1566456052228296707</a></li></ul>
September 5	<ul style="list-style-type: none"><li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid02v1LH5vtYMMpny9VYKfxDYsEyJT12eu5HVdT2teJLkK3wWHRbM6UHjD517tPjqaI">https://www.facebook.com/SacramentoCounty/posts/pfbid02v1LH5vtYMMpny9VYKfxDYsEyJT12eu5HVdT2teJLkK3wWHRbM6UHjD517tPjqaI</a></li><li>○ <a href="https://twitter.com/SacCountyCA/status/1566815921208840193">https://twitter.com/SacCountyCA/status/1566815921208840193</a></li></ul>
September 6	<ul style="list-style-type: none"><li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid0w6ZrdjRK9dMdKk6UsoUs2q79oWR1pYUfnsUgbteFUplShms7BbEosuVSDCMEojWel">https://www.facebook.com/SacramentoCounty/posts/pfbid0w6ZrdjRK9dMdKk6UsoUs2q79oWR1pYUfnsUgbteFUplShms7BbEosuVSDCMEojWel</a></li><li>○ <a href="https://twitter.com/SacCountyCA/status/1567262484553433088">https://twitter.com/SacCountyCA/status/1567262484553433088</a></li><li>○ <a href="https://twitter.com/SacCountyCA/status/1567256798796861440">https://twitter.com/SacCountyCA/status/1567256798796861440</a></li><li>○ <a href="https://twitter.com/SacCountyCA/status/1567198314747265024">https://twitter.com/SacCountyCA/status/1567198314747265024</a></li></ul>
September 7	<ul style="list-style-type: none"><li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid02hHwrPWvFzxnRXCpjhDk3shFrMuNHsKyJBhnnBSunVg2EyapYYotooCC2kjBJDFzzI">https://www.facebook.com/SacramentoCounty/posts/pfbid02hHwrPWvFzxnRXCpjhDk3shFrMuNHsKyJBhnnBSunVg2EyapYYotooCC2kjBJDFzzI</a></li><li>○ <a href="https://twitter.com/SacCountyCA/status/1567586943353106432">https://twitter.com/SacCountyCA/status/1567586943353106432</a></li></ul>



September 8	<ul style="list-style-type: none"><li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid02SSc9eJxsnZXZsNiL7nf8YXBmcbjLTt4GWcrGVWzZS8bTBtbBYZRmwNUjbCcW8Yb7I">https://www.facebook.com/SacramentoCounty/posts/pfbid02SSc9eJxsnZXZsNiL7nf8YXBmcbjLTt4GWcrGVWzZS8bTBtbBYZRmwNUjbCcW8Yb7I</a></li><li>○ <a href="https://twitter.com/SacCountyCA/status/1567938361717043201">https://twitter.com/SacCountyCA/status/1567938361717043201</a></li></ul>
September 9	<ul style="list-style-type: none"><li>○ <a href="https://www.facebook.com/SacramentoCounty/posts/pfbid0VwJV2vHr7S9xJMvBJ8srN7NyMpzZK8ChCwEHihPrR8xV7wRAEAvhkAikx4Qzgn9EI">https://www.facebook.com/SacramentoCounty/posts/pfbid0VwJV2vHr7S9xJMvBJ8srN7NyMpzZK8ChCwEHihPrR8xV7wRAEAvhkAikx4Qzgn9EI</a></li><li>○ <a href="https://twitter.com/SacCountyCA/status/1568267991774527493">https://twitter.com/SacCountyCA/status/1568267991774527493</a></li></ul>

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