



Department of Water Resources

Floodplain Management

Annual Progress Report

On the Program for Public Information

Element of the Community Rating System

September 2022

by and for the PPI Committee

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Sacramento County Program for Public Information

A public outreach component of the National Flood Insurance Program
Community Rating System

Background

The focus of this program is communication of flood risk and mitigation in unincorporated Sacramento County. The Program for Public Information (PPI) is a requirement of the FEMA National Flood Insurance Program Community Rating System (CRS); in which, the County is very well rated. This rating provides up to 40 percent discount on flood insurance premiums for our constituents.

The message is important but there are so many ways to communicate these days. One might argue that we live in an age of too much communication, so how do we reach people with this message? The ways with which people communicate is so different today compared to when the County first joined CRS. The committee seeks to understand the key messages and to explore ways to make those messages resonate with the public. People should know the flood risk to their home, place of business, and any other structures of value to them. They should understand how to mitigate the flood hazard, the primary measure being flood insurance.

The PPI Committee recently met to discuss the effectiveness of outreach measures and to consider ways to revise and improve.

Only about 29 percent of properties in the FEMA Special Flood Hazard Area have flood insurance. As of July 2022, there are 6,397 National Flood Insurance Program (NFIP) policies in unincorporated Sacramento County, this is 9.7 percent less than a year ago. For most, it would be very difficult to recover from a flood if an owner is not insured.

On November 10, 2015, the Board approved the Resolution #2015-0864 continuing the County's participation in the National Flood Insurance Program Community Rating System, including continued efforts in the PPI and the Repetitive Loss Area Analysis (RLAA).

The Program for Public Information Committee

Committee Meeting Attendees 8/18/22

- Kevin Siu - County DWR (Floodplain Management Section)
- Eugene Balinski – County DWR (Floodplain Management Section)
- Matt Robinson – County DWR (Public Information Officer)
- Allison Benevento – HUB International (Local Insurance Agent)
- Joyce Dibble – Floodplain Resident and Flood Mitigation Participant (Homeowner)

- Lyn Efken – Woodside HOA Board Member (Homeowner)
- Barbara McGowan – Reclamation Districts (Flood Control)
- Kimberly Edwards – Floodplain Resident (Homeowner)
- George Booth – County DWR (Meeting Facilitator)

Additional Participants

- ❖ Cealleigh Moore – Audacy (Media)
- ❖ Lonica Magina – Floodplain Resident (Realtor)
- ❖ Joanne Lane – Floodplain Resident (Lender)
- ❖ Kathleen Schaefer – Office of the California Insurance Commissioner

Staff with PPI Roles

- Michael Johnson - County DWR (Floodplain Management Section)
- Dawn Pimentel – County DWR (CRS Coordinator)

A meeting invitation was sent to the group and asked for the committee members to participate in the 2022 PPI report for any updates that may need to be considered for future projects. During that time, County staff was drafting the 2022 annual update document. On August 18, 2022, a conference call was conducted to discuss the PPI report, review any changes, and to discuss possible items for 2023 (see Attachment M - Meeting Minutes 8/18/22). A PPI Committee meeting was then held on September 15, 2022, to finalize the annual PPI document for 2022.

PPI Committee meets at least twice: once to review the assessment and once to review the Program for Public Information document before it is sent to the governing body.

Target Areas

Target areas (focus areas or priority areas) in Sacramento County with concerns related to floods or floodplains. The target areas are:

- Federal Flood Zone Areas
- Local Flood Zone Areas
- Repetitive Loss Areas
- Areas Protected by a Levee
- Areas Protected by Dams
- Areas of recent Flood Insurance Rate Map changes (map revision areas)

Target Audience

- Property owners in the target areas
- Tenants in the target areas
- Realtors selling property in the target areas

- Insurance agents selling flood insurance in the target areas

Flood Insurance Data

The California Department of Water Resources Floodplain Management Office provided a snapshot of the policy data on July 2, 2022 (Connie Perkins-Gutowsky at Constance.PerkinsGutowsky@water.ca.gov), which was compiled into the tables below. This data is for NFIP policies only, as there is no practical way to obtain data on private flood policies.

Table 1 shows the NFIP policies comparing each flood zone designation and whether the insured structure is pre-FIRM or post-FIRM, meaning built before or after the date the County joined the NFIP and FEMA published the Flood Insurance Rate Maps (FIRM). It is important to note that some property owners pay much more for flood insurance than the averages shown here.

Table 1 - Policies by Flood Zone (pre and post FIRM)						
Flood Zone	PreFIRM 7/2/2022			PostFIRM 7/2/2022		
	Policies	Premiums	Average	Policies	Premiums	Average
Zone AE	1,468	\$ 1,251,602	\$ 852.59	536	\$ 177,578	\$ 331.30
Zone A	25	\$ 22,970	\$ 918.80	39	\$ 22,118	\$ 567.13
Zone AO	46	\$ 31,617	\$ 687.33	3	\$ 1,989	\$ 663.00
Zone AH	48	\$ 35,411	\$ 737.73	4	\$ 4,089	\$ 1,022.25
Zone AR	71	\$ 34,653	\$ 488.07	139	\$ 34,324	\$ 246.94
Zone A99	37	\$ 32,174	\$ 869.57	149	\$ 225,998	\$ 1,516.77
Zone X Std	745	\$ 526,556	\$ 706.79	391	\$ 319,392	\$ 816.86
Zone X Pref	1879	\$ 888,066	\$ 472.63	817	\$ 436,111	\$ 533.80
Sum	4,319	\$ 2,823,049	\$ 653.63	2,078	\$ 1,221,599	\$ 587.87

PreFIRM means the insured building was constructed before March 1979, thus post-Firm means after that date. Pre and Post FIRM policies enjoy up to 40 percent discount thanks to the County's exceptional FEMA rating (under the CRS program).

Table 2 compares the number of policies in each flood zone to the number last year. The year-over-year (YOY) change implies a reduction of 9.7 percent, and since 2019 a reduction of 19 percent was observed.

The PPI Committee thought the reason for fewer policies might be:

- During drought years people forget about flood risk
- Some might have found policies with an insurer other than the national program
- The economic shock of the virus over the past years leaves many short of funds

- For some the premium costs have increased forcing them to make a hard decision
- Those with paid-off mortgages are no longer forced to purchase insurance

Table 2 - Compare Total Policies by Flood Zone					
Flood Zone	7/2/2022 Policies	5/2/2021 Policies	YOY change	3/31/2019 Policies	'22-19 change
Zone AE	2,004	2143	-6.5%	2157	-7.1%
Zone A	64	67	-4.5%	64	0.0%
Zone AO	49	57	-14.0%	83	-41.0%
Zone AH	52	51	2.0%	63	-17.5%
Zone AR	210	210	0.0%	210	0.0%
Zone A99	186	190	-2.1%	257	-27.6%
Zone X Std	1,136	830	36.9%	954	19.1%
Zone X Pref	2,696	3538	-23.8%	4141	-34.9%
Sum	6,397	7086	-9.7%	7929	-19.3%

Table 3 is the number of policies, premiums, coverage last year broken out by type of structure.

Table 3 - Policy Breakdown on 5/2/21			
Structure Type	Number of Policies	Total Premium	Insurance in Force
Single Family	5,176	\$ 3,049,678	\$ 1,612,540,500
2-4 Family	315	\$ 145,613	\$ 68,554,800
All other Residential	1080	\$ 397,264	\$ 157,573,500
Non-Residential	529	\$ 931,099	\$ 196,351,500
Sum	7,100	4,523,654	2,035,020,300

Table 4 lists the number of policies, premiums, coverage this year broken out by type of structure.

Table 4 - Polcy Breakdown on 7/2/2022 and Compare YOY

Structure Type	Number of Policies	Total Premium	Insurance in Force
Single Family	4,578	\$ 2,806,046	\$ 1,436,104,400
Policies YOY change	-11.6%		
2-4 Family	288	\$ 139,050	\$ 63,541,600
Policies YOY change	-8.6%		
All other Residential	1061	\$ 397,165	\$ 162,534,800
Policies YOY change	-1.8%		
Non-Residential	483	\$ 706,076	\$ 183,925,700
Policies YOY change	-8.7%		
Sum	6,410	4,048,337	1,846,106,500
Policies YOY change	-9.7%		

It is noted (comparing tables 2, 3 and 4) that the data from the state has some minor errors when comparing the sum. This should not be deemed significant to the purpose of this report.

Table 5 shows how the average annual premium has changed year of year. It will be interesting to learn more about FEMA’s Risk Rating 2.0 and how it is affecting flood insurance rates. For example, in the Beach Stone Lakes area the premiums decreased significantly. Since NFIP requires a certain amount of revenue, if some are paying less, others must pay more. Again, averages don’t paint the full picture.

Table 5 - Premium Average Per Policy

	7/2/2022	5/2/2021
Single Family	\$ 612.94	\$ 589.20
YOY change	4.0%	
2-4 Family	\$ 482.81	\$ 462.26
YOY change	4.4%	
All other Residential	\$ 374.33	\$ 367.84
YOY change	1.8%	
Non-Residential	\$ 1,461.86	\$ 1,760.11
YOY change	-16.9%	
All Policies	\$ 631.57	\$ 637.13
YOY change	-0.9%	

Table 6 shows the number of NFIP policies based on flood zone. The “sum requiring insurance” line at the bottom is only those flood zones in which flood insurance is required (excluding zone X and AR). Since there is no area designated AR, it is assumed those properties are adjacent to the Pocket Area, thus would be in flood zone X now.

Table 6 - Compare Building Coverage 7/2/2021			
Flood Zone	7/2/2022		
	Policies	Properties	Coverage
Zone AE	2,004	6,146	32.6%
Zone A	64	746	8.6%
Zone AO	49	115	42.6%
Zone AH	52	746	7.0%
Zone AR	210	-	n/a
Zone A99	186	311	59.8%
Zone X	3,832	148,310	n/a
Sum	6,397		
Sum requiring insurance	2,355	8,064	29.2%

Again it is noted that the total sum does not quite add up, on data from the state, compared to previous tables. This should not affect the comparison for this report.

Flood Insurance Analysis

Table 7 - Flood Insurance Analysis Recommendations

	Recommendation	Messaging Action	Proposed Schedule
1	Continue reviewing and updating tables above to see if a pattern can be derived. It was noted that insurance from private companies make this hard to fully evaluate.	None	NA
2	Discussion about flood insurance policies and how to understand when it is correct.	Talk to your insurance agent.	Continue to include in CUBS mailer in the Fall
3	Continue recommending flood insurance purchase	Work with Matt Robinson (PIO) or Supervisor's office to get meetings scheduled for Outreach Project (OP) OP12/OP16.	at least one meeting for FY22/23
4	Continue outreach for correct amount of insurance coverage. The committee discussed opportunities for encouraging residents to consider obtaining minimum policy coverage or lower rate rather than having no flood insurance at all.	Talk to your insurance agent. Include this new language in our mailers and on the website.	Continue annually.
5	Residents in the Special Flood Hazard Area may need a more direct message to increase the number of policies. The committee discussed the various flood risks and determined that it is feasible to target residents by geographic risk areas.	Directed focus to Delta communities. (close this and see item 6)	See item 6.
6	Outreach to levee protected communities as part of working with Delta Communities.	Include flood insurance information	About monthly in Hood
7	Identify audience for technical assistance and discusses the best way to reach that audience.	Explaining flood insurance.	Provide this service at Front Counter (OP7)

Public meetings each fall and winter should include messaging such as the thirteen points found on the DWR handout (Attachment H).

Topics and Messages

Table 8 Desired Outcomes (see Attachment T8)

Table 8 lists the ten desired outcomes from the public outreach. These are messages that Water Resources and the PPI Committee believe are important to remind and reinforce. It is important that each homeowner, tenant, business owner and non-profit organization understand their exposure to flood risk (meaning the probability of flooding and the depth and damage that could come from that flooding). The County Office of Emergency Services provides phone and text messaging in case of an emergency but because of the proliferation of cellular telephones and the lack of information in modern day telephone directories it is important that people sign up for this (search: Sacramento Ready) service. Other messages have to do with mitigating flood risk by buying flood insurance and outreach related to keeping our water clean.

The following six are required

1. Know your flood zone
2. Buy flood insurance
3. Sign up for emergency notifications
4. Protect your property
5. Get a building permit
6. Don't dump

Additional flood related messages (up to 4) could be credited if they are related to the topics of flooding, drainage, storm water, natural floodplain functions, or flood related hazards. The PPI committee have previously identified four additional messages that are specific to Sacramento County and have been provided to the public over the years on a consistent basis ranging from public service announcements to mailers and other media. The four community specific messages below will be treated herein as topics and are numbered for CRS tracking purposes.

7. Talk to your insurance agent about Zone X coverage
8. Call 311 to report flooding
9. Keep streams and ditches clean
10. Only rain down the drain

The PPI Committee reviewed the ten current topics and messages and offered no revisions.

Know Your Flood Hazard

The target audience is encouraged to learn about and to understand their flood hazard (topic 1). The best way to learn about the flood hazard at a particular address is to contact the County Floodplain Management Section at (916) 874-7517. There is much information available at www.StormReady.org and specific questions can be asked by clicking on Flood Zone

Information. Another great resource is the County’s ALERT System on the Storm Ready page, this takes one to the stream and rain gauge web portal.

For a broader picture, review the Sacramento County Watershed Management Plan as updated September 29, 2021 and is Appendix “I” of the Sacramento County Local Hazard Mitigation Plan. It is posted on www.saccodwr.org (search “Watershed Management Plan 2021”) or click [Watershed Management Plan](#).

Flood Insurance

The homeowner’s insurance policy does not cover flood. Flood insurance is a separate policy available from the National Flood Insurance Program run by FEMA (topic 2). Federal legislation in 2012 allowed private insurers to cover flood. Since then, the California Insurance Commissioner authorized several firms to sell flood insurance in the state. To learn more, simply do an Internet search for flood insurance in California.

Risk Rating 2.0

According to FEMA’s risk-rating webpage www.FEMA.gov (search “flood-insurance risk-rating”), or visit <https://www.fema.gov/flood-insurance/risk-rating>, this new rating method is effective for new policies beginning October 1, 2021 and renewals after April 1, 2022. Risk Rating 2.0 is a transformational leap forward, built on years of data and catastrophe modeling. FEMA NFIP is maintaining features to simplify the transition to Risk Rating 2.0 by offering premium discounts to eligible policyholders. This means:

- FEMA is continuing to offer premium discounts for pre-FIRM subsidized and newly mapped properties.
- Policyholders are still able to transfer their discount to a new owner by assigning their flood insurance policy when their property changes ownership.
- Discounts to policyholders in communities who participate in the CRS will continue. Communities can continue earning NFIP rate discounts of 5% - 45% based on the CRS classification. However, since Risk Rating 2.0 does not use flood zones to determine flood risk, the discount will be uniformly applied to all policies throughout the participating community, regardless of whether the structure is inside or outside of the Special Flood Hazard Area.

Statewide, Risk Rating 2.0 is projected to reduce premiums by an average of 26.8 percent.

Flood Mitigation Measures

Flood mitigation measures (topic 4) are categorized as structural or non-structural.

Structural measures are civil works project that keep floodwater away from properties. Sacramento Area Flood Control Agency with their state and federal partners have done an incredible job improving flood control for the urban areas of the County. For more information about levees and dams, one should go to www.safca.org. Other structural measures include storm drainage improvements, detention basins, and routine maintenance of those systems. Questions regarding drainage systems should be asked via telephone number 3-1-1.

Non-structural flood mitigation measures focus on reducing the risk of flooding by raising the floor of the building so that it is safely above the base flood elevation, directing surface water away from the structure, local flood-proofing such as berms and walls. Caution must be taken to not direct your drainage problem onto an unaware neighbor. Property owners should seek advice and feel free to contact 3-1-1 with site-specific questions.

Of course, evacuation planning and flood insurance are important ‘non-structural’ flood mitigation measures also.

Evaluation

Measurements are not a requirement of the Community Rating System, still it is interesting. Though, it is difficult to know how much progress is being made because of the proliferation of private flood insurance in California. As discussed, there is no practical way to know the number of flood insurance policies that are not under the NFIP. It is believed that, like most forms of advertising, we must keep up the effort or people will simply forget about flooding. This is particularly true during years of drought.

Table 9 - Sacramento County Projects (see Attachment T9)

The Sacramento County Department of Water Resources outreach projects are listed in Table 9. There are fifteen listed projects based on input from the PPI Committee and focused on the desired outcomes listed in Table 8.

The PPI Committee reviewed Table 9, listing fifteen OP numbered projects, and determined that all of these are active and appropriate projects. The implementation, status, and recommendations can be found on the table.

Key County PPI Projects include:

- Four color brochure inserted with the County Utility Bill once each year
- Direct mail four color brochure to those addresses located in the FEMA Special Flood Hazard Area, local flood hazard area, and repetitive flood loss areas
- Storm Ready Booklet is available upon request and at various outreach projects
- Elected official flood insurance outreach at public meeting (see Attachment H)

- Social media outreach (see Attachment FRP4 Social Media Plan 2022)

Outreach Projects that were not implemented

At this time, the dam mailer has not been implemented (OP#6). The Committee thought that the dam protection area mailer should be prepared in concert with SAFCA and the City of Sacramento. The tone of the message should be congratulatory for the huge effort in improving flood control while explaining the residual risk and encouraging flood insurance.

Public meetings, particularly those where elected Board members are invited to speak about flood insurance (OP#12 and OP#16 if it is at a homeowner’s association meeting), should include the Water Resources handout (Attachment H). Board members did not participate in public meeting due to the fear of the pandemic these past two storm seasons; however, they should resume later this year.

Table 10 - Stakeholder Projects (see Attachment T10)

In addition to and in partnership with the Sacramento County Department of Water Resources, numerous other stakeholders have a sincere interest in the same goals. Table 10 lists fifteen (OP #16 to OP #30) other stakeholders and their projects that have messages that relate to this PPI. The implementation, status, and recommendations can be found in the table.

The Committee suggested that Water Resources should provide the handout (Attachment H) to each of these partners as they consider their outreach efforts for the coming storm season.

Other Public Information Initiatives

Table 11 - Crossover Activities (see Attachment T11)

Six CRS activities have a requirement for publicity of a service or regulation. The affected activities are:

- OP7 - Activity 320 (Map Information Service) explaining map information to the public
 - Activity 370 (Technical assistance) advising people who have questions about flood insurance
- O10 - Activity 350 (WEB) identify how the credited element worked, how effective it was estimated to be, and what changes were recommended for improving its effectiveness
- OP11 - Activity 360 (Flood Protection Assistance) technical assistance on property protection
- OP12 – Activity 370 (Coverage Improvement Plan) one project each year that demonstrates that the community’s elected leadership encourages people to purchase or increase their flood insurance coverage
- OP14 - Activity 370 (Flood Insurance Promotion) technical assistance on flood insurance
- OP13 - Activity 540 (Drainage System Maintenance) stream dumping regulations
- OP 7, 11, 14 - Activity 620 (Levees) discussion of flood insurance

The PPI Committee examined other public information activities in addition to outreach projects as recommended by the CRS guidance manual.

It is important that property owners understand the flood hazard that could affect their property and the chance of that happening and the extent of damage that could occur. Next, they should consider their tolerance for that risk and how to mitigate the risk. Of course, flood insurance is an important component of mitigation so a property owner or tenant can recover after a flood.

Simple equation: hazard x probability = risk

Example: if there is a 5 percent chance of \$50,000 in damage, the risk could simply be expressed as \$2,500 per year.

But, this is not the entire story because of the cyclical nature of weather patterns. It seems we get three dry years a few normal years and a couple really wet years in a nonspecific pattern. Imagine the same example being flooded twice in two years. In 2017, we had a flood on the Cosumnes River that damaged property in the Beach Stone Lakes and Franklin Pond area twice in two months (January and February).

Crossover activities, Table 11, are the various ways that the County, Realtors, emergency managers, insurance agents, and media work to help us understand flood risk. Table 11 outlines which outreach project it is closely related to, the element for credit, action required, and schedule.

The PPI Committee examined other public information activities in addition to outreach projects as recommended by the CRS guidance manual. This table outlines which CRS outreach activity and element it is closely related to, status, recommended action and schedule.

Flood Response Preparations

Every storm is different and affects people and properties in different ways. Sometimes it can become a flood emergency, thus, there is great value in drafting messages ahead of time so that they can be edited and disbursed on short notice. Table 12 lists the County's flood response preparation and the messaging in each outreach effort.

The PPI Committee recognizes that occasionally various forms of media can quickly spin up a story and it is important to control the message so that people can take necessary actions.

Table 12 – Flood Response (see Attachment T8)

Table 12 - Flood Response Preparation		
FRP#	Flood Response Preparation	# of flood related topics
1	Media kit with background information for reporters	Message: 1-6, 8
2	Radio public service announcement	Message: 2, 4, 9
3	Handouts on grant programs	Message: 4
4	Social media plan	Message: 1, 2, 4, 8, 9
5	Press release	Message: 8, 9

The listed FRP numbers in Table 12 are as follows:

1. Media Kit 2022 (Attachment FRP1)
2. Radio and TV Ads 2022 (Attachment FRP2)
3. Handouts on grant programs sample letters 2022 (Attachment FRP3, 3a, 3b)
4. Social Media Plan 2022 (Attachment FRP4)
5. Press Release 2022 (Attachment FRP5)

Table 13 – Partnering Outreach Agents (see Attachment T13)

The PPI Committee recognizes and appreciates the outreach efforts of numerous other agencies who offer similar important messaging to our public. Table 13 lists the many partners, their programs, and the apparent schedule for this year.

Annual Evaluation Update

The PPI Committee meets twice a year, to evaluate the Plan and incorporate any needed revisions. The evaluation covers:

- A review of the projects that were completed
- Progress towards the desired outcomes
- Recommendations regarding projects not completed
- Changes in the target audiences
- Review of FRP material (current and appropriate)

Staff has incorporated recommendations made by the committee. The PPI Annual Evaluation Report will be submitted to the Board of Supervisors for review and as part of the County’s cycle verification package to the Community Rating System.

Additional Outreach Discussion (Projects not on Tables)

The following activities do not show up, in the tables herein:

- High-water Jamboree October 15, 2022
- Flood Preparedness Week (typically during the last full week of October)
- Local Hazard Mitigation Plan posted at www.StormReady.org
- American River, Folsom Dam - this should be a future project
- Delta Flood Risk Reduction Plans posted at www.StormReady.org
- FEMA Grants - The County Floodplain Management staff are actively mitigating flood risk by utilizing grant funds.
- Beach Stone Lake Flood Risk Reduction Program

Levee Accreditation

There are 500 miles of levees in the County of Sacramento. At this time, no reach of levee is certified.

In 2005 FEMA issued a memorandum to its floodplain mapping staff reminding them of the requirements of code of federal regulations 44 CFR 65.10, which outlines the requirements of levee certification. In July 2006, the US Army Corps of Engineers sent a letter to Sacramento Area Flood Control Agency stating that they could no longer stand behind their levee certification. FEMA has offered a grace period allowing time to complete the urban flood protection projects including improvements to Folsom Dam and levees on the American River, the Sacramento River, those levees protecting Natomas and the urban creeks in the City of Sacramento.

The Delta areas of Hood, Courtland, and Walnut Grove were not allowed a grace period because there is no plan to bring the 'rural' levees up to federal standard. Large areas of deep floodplain were mapped by FEMA effective August 2012.

Sacramento County received a grant from California Department of Water Resources and with GEI Consultants developed flood risk reduction studies for the Delta legacy communities of Hood, Courtland, Locke and Walnut Grove. These studies looked at structural and non-structural measures (posted at www.StormReady.org). Ideas in the studies include:

1. What if the state government and the southern CA water users would value their water supply and invest in improving the levees that convey that water south?
2. What if the towns of Courtland and Walnut Grove (on Grand Island) would construct flood fight roads and acquire flood fight materials such as Muscle Wall and/or Tiger Dam that could be employed should a levee break?
3. What if Hood property owners would mitigate flood risk by raising houses?
4. What if Locke would construct a ring levee around the back of the town?

5. What if all of these communities would form a geologic hazard abatement district (GHAD) to help fund these flood risk reduction?
6. What if the GHAD could ensure a nominal amount of flood insurance for every property?

Adoption

The original document was adopted by Resolution #2015-0864 on November 10, 2015 as part of the resolution to continue participation in the National Flood Insurance Programs Community Rating System. This PPI review will be provided to management and elected supervisors of Sacramento County and will be posted on the Internet.

Attachments

- ATT FRP1 Media Kit 2022
- ATT FRP2 Radio and TV Ads 2022
- ATT FRP3 (a,b) Handouts on grant programs sample letters 2022
- ATT FRP4 Social Media Plan 2022
- ATT FRP5 Press Release 2022
- ATT H Handout and Talking Points for Public Meetings
- ATT MA PPI Committee Meeting Agenda 8/18/22
- ATT M PPI Meeting Minutes 8/18/22
- ATT T8 Desired Outcomes
- ATT T9 Sacramento County Projects
- ATT T10 Stakeholder Projects
- ATT T11 Crossover Activities

Sacramento County Stormwater Utility (Drainage)

The Department of Water Resources (DWR) is the organization primarily responsible for drainage and flood control within the urbanized and urbanizing portions of unincorporated Sacramento County. The drainage and flood control system operated and maintained by Sacramento County consists of 1,443 miles of storm drain pipe, 400 miles of creeks and open channels, 33 pump stations, and 18 detention basins. Municipalities, local reclamation, and flood control districts provide additional drainage and flood control services within their jurisdictions.

The mission of DWR is to protect the community and its waterways:

- through sound planning, construction, repair, and improvement of drainage and flood control systems
- monitoring pollutants in local creeks to protect the water quality
- educating the community on ways to keep creeks and rivers pollution free

In the event of severe flooding, staff works with the Sacramento County Office of Emergency Services (OES) to decide if the event has progressed to a point where affected residents may need to evacuate. Evacuation orders be issued by OES.

Staff also works with the Sacramento Area Flood Control Agency (SAFCA) in the development and implementation of regional flood control projects and revisions to floodplain mapping. For detailed information, please visit www.StormReady.org.

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SACRAMENTO COUNTY SANDBAG INFORMATION

Sacramento County opens two (2) sandbag distribution sites in November to allow residents in flood prone areas to discard their old sandbags and replace them with new ones. The two locations are Branch Center (3847 Branch Center Rd.), and the Orangevale Community Center (6826 Hazel Ave.) More locations may open depending on the severity of future storms and the potential of flooding, and those additional sites may close after a storm passes.

Except for the two dedicated sites, the County does not open sandbag sites during short duration or routine storm events that are typical for the Sacramento area. Due to the lead-time needed to get sites operational, it is not effective to open sandbag sites during most storms. By the time the sandbag distribution sites are operational, most storms will have passed and any localized flooding will have already occurred. In fact, if your property has a history of flooding or recurring standing water each year (such as water building up at the garage or back patio), you are encouraged to get sandbags in advance of the rainy season when Branch Center or Orangevale first open; or from your local home improvement store.

Sacramento County's sandbag sites are self-serve. Bags and sand are available at each location, but you must bring your own shovel. Sites not operated by the County of Sacramento are intended for use by residents of the jurisdiction operating the site. For example, the sandbag sites operated by the City of Citrus Heights are intended for use by the residents of Citrus Heights.

Please go to www.StormReady.org for the status of each Sacramento County managed sandbag site.

Sandbag Locations

Name	Location	Status	Staffed
County Branch Center	3847 Branch Center Rd. Sacramento CA 95827	Closed	No
Jean Harvie Senior Citizen & Community Center	14273 River Rd, Walnut Grove CA 95690	Closed	No
Jose P. Rizal Community Center	7320 Florin Mall Dr, Sacramento CA 95823	Closed	No
Orangevale Community Center	6826 Hazel Ave, Orangevale CA 95662	Closed	No
Point Pleasant United Methodist Church	3329 Point Pleasant Rd, Elk Grove CA 95757	Closed	No
Sacramento Metropolitan Fire Station #106	2200 Park Towne Cir, Sacramento CA 95825	Closed	No
Sacramento Metropolitan Fire Station #55	7776 Excelsior Rd, Sacramento CA 95829	Closed	No
Westside Park	6555 West 2nd St, Rio Linda CA 95673	Closed	No
Wilton Fire Station	10661 Alta Mesa Rd, Wilton CA 95693	Closed	No

Sacramento County Rainfall and Stream Level Information System Tutorial

Sacramento County's online Rainfall and Stream Level Information System -- also known as the ALERT (Automated Local Evaluation in Real Time) System -- provides rainfall, stream level and weather information throughout the Sacramento County region. This tutorial is designed to aid users in navigating the ALERT System website to find information pertinent to their specific area of interest.

The Home Page

The ALERT System is accessed through www.SacFlood.org. Links to the most frequently accessed reports appear on the home page under the following headings as shown below. Most users will find what they need just using links under these two headings alone.

Stream Level Summaries

Rainfall Summaries

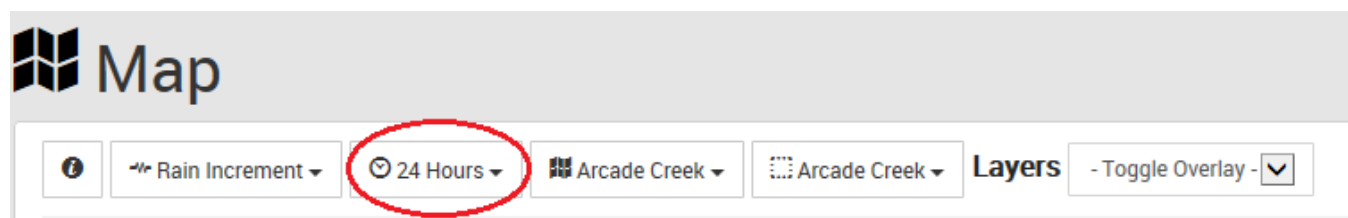
For additional information regarding these reports, see the **STREAM LEVELS** and **RAINFALL TOTALS** sections below within this document.

Links to area specific maps appear under the following headings as shown below.

Stream Level Maps

Rainfall Maps

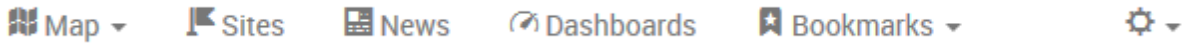
These summaries and maps are organized by watershed to make it easy to find your area of interest. Each of the "Rainfall Maps" default to show the total rainfall for the most recent 24 hours, but can be changed to show different durations by selecting a different time interval using the pull down filters at the top of the map as shown in the figure below.




At the bottom of the home page in the "For Your Information" section, you will find external links to additional sources of data. From the "Water Resources" link, residents can find a variety of flood preparedness information. The "California Data Exchange Center" is another source for hydrologic data. And the "California Nevada River Forecast Center" provides river and precipitation forecasts for the Sacramento region.

The Navigation Bar

Near the top of the home page, below the Sacramento County ALERT System logo, is the navigation bar which looks like the image below on standard computers,

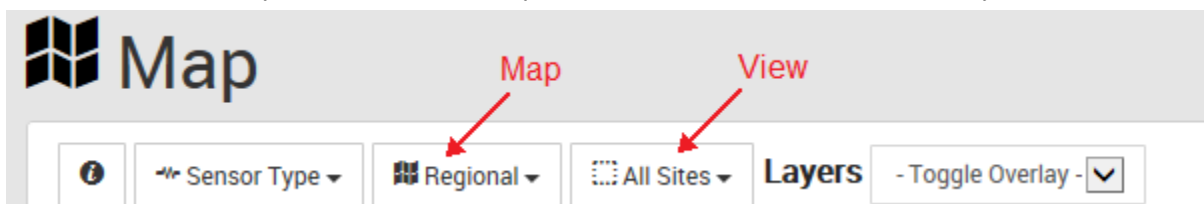


and as three lines  on a mobile device. The navigation bar provides users with alternative methods of finding data. The most useful, perhaps, being the “Map”, “Dashboards” and “Bookmarks” menus.

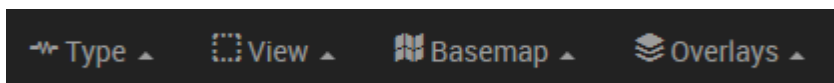
Map

There are two options under the “Map” pull-down menu: “Map” and “Pan and Zoom”.

- The “Map” option links to static maps. These are the same maps available under the “Stream Level Maps” and “Rainfall Maps” headings on the home page. The user can focus on particular areas of interest, or gauge types, etc., by using the filters “Sensor Type”, “Map” and “View” at the top of the page (see image below). “Views” are subsets of gauge sites grouped by either watershed (i.e. Arcade Creek, Dry Creek, etc.), or operating agency (i.e. Sacramento County, City of Sacramento, etc.), or data source (i.e. ALERT, ALERT2, CDEC, etc.).



- The “Pan and Zoom” option links to a zoomable map that has the same “Sensor Type” and “View” filter options as the static maps, located at the bottom of the screen. Additionally, different basemaps can be selected, such as satellite imagery, and radar can be overlain on the map. The “Sensor Type”, “View”, “Basemap” and “Overlay” filters appear at the bottom of the “Pan and Zoom” map and look like the image below.

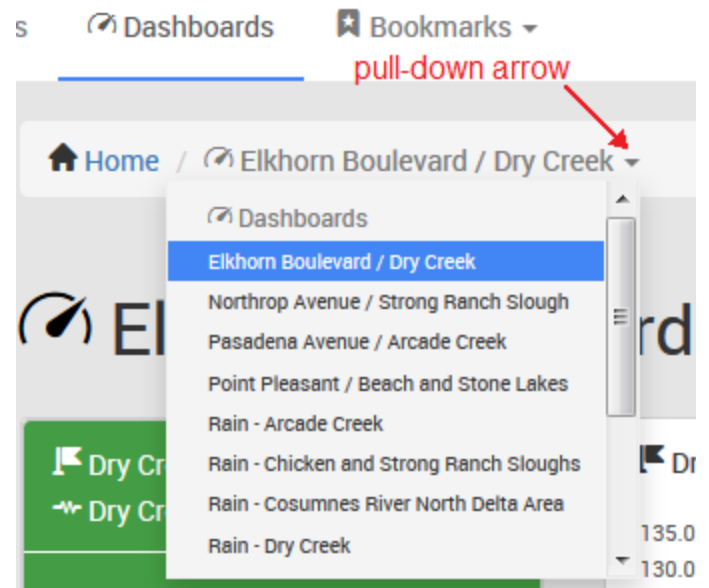


Sites

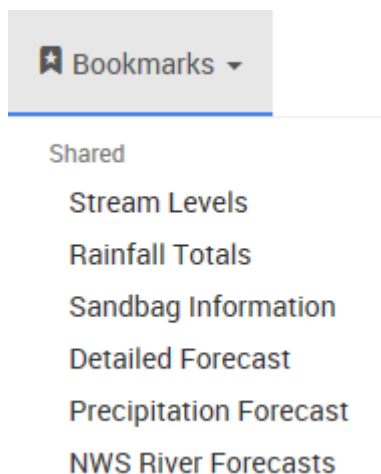
Selecting “Sites” from the navigation bar takes you to a list of all data collection sites available on the ALERT system website. This list is mostly useful if you know the name of the site that you are interested in. Filter options are the same as for maps. If you filter based on sensor type you will get a list of the most recent reading.

Dashboards

A dashboard is a visual display of the critical information and sensor data needed to understand and assess the flood risk for a particular hot spot (a “hot spot” is an area that has a history of flooding and/or is susceptible to flooding) or watershed. Rain dashboards group rain sensors by watershed and provide frequency estimates during periods of intense rainfall. To view a dashboard, select “Dashboards” from the navigation bar. The default dashboard will load. To view different dashboards, select the pull-down arrow next to the name of the loaded dashboard to bring up a list of available dashboards. Select the desired dashboard from the list.



Bookmarks

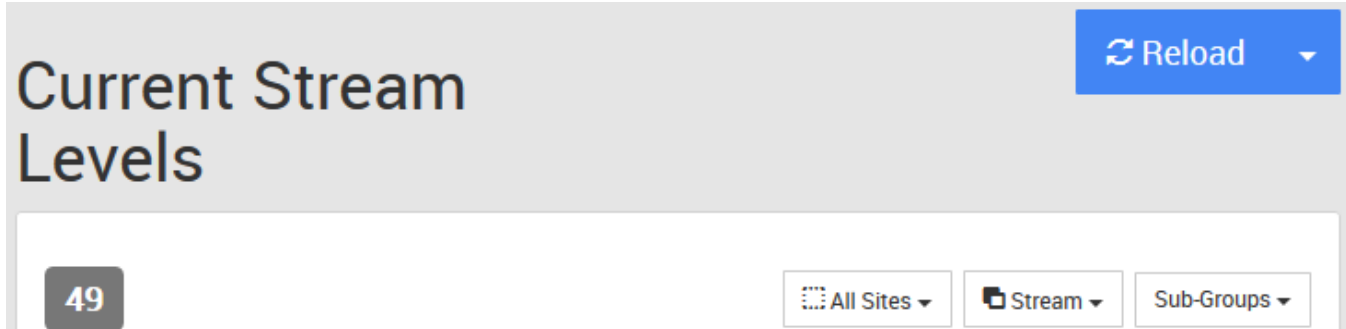


From the Bookmarks pull-down menu on the navigation bar at the top of the page, users can access additional information as explained below.

STREAM LEVELS

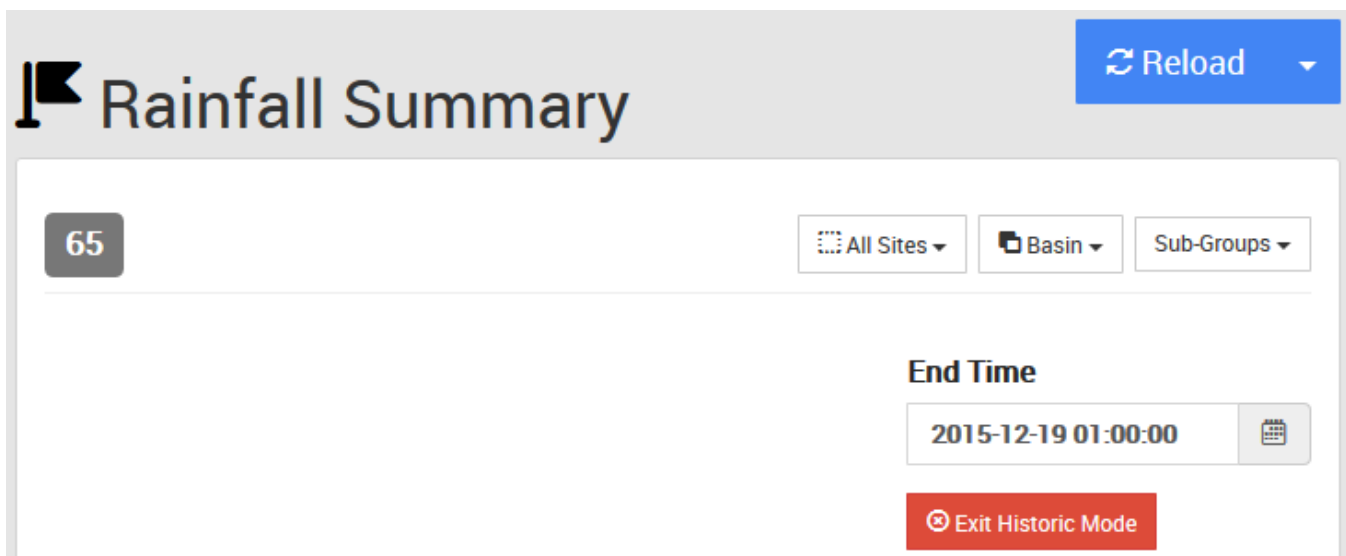
Selecting “Stream Levels” takes you to the same summaries available under the “Stream Level Summaries” heading on the home page. This information is of particular interest for residents if you live near a stream. The user can filter sensor data for specific areas by selecting their area of interest from the “Sub-Groups” pull-down menu (see below). Monitor stage indicates there is a

significant rise in the creek level. When a stream reaches monitor stage, the level in the monitor stage column will be highlighted. If the water level continues to rise, the stream can potentially reach flood stage. When a stream reaches flood stage, the level in the flood stage column will be highlighted. Graphs and other detailed information can be accessed by clicking on the “Site” or “Sensor” name for a specific stream.



RAINFALL TOTALS

Selecting “Rainfall Totals” from the Bookmarks menu takes you to the same summaries available under the “Rainfall Summaries” heading on the home page. This report gives rainfall information in increments of time ranging from 15 minutes to 24 hours. Like the “Stream Levels” page, the user can filter sensor data for specific areas by selecting their area of interest from the “Sub-Groups” pull-down menu (see below).



An additional useful feature of the “Rainfall Summary” report is the ability to view summary data for prior time periods. Edit the “End Time” below the filter pull-down menus to view past data. Click the red “Exit Historic Mode” box to return to viewing the most current data.

SANDBAG INFORMATION

The link to sandbag information is very important to any resident living near a stream or those that have experienced flooding in the past. It's important to note that all storm events are unique and any property can experience flooding. The sandbag site table displays all sites, county operated sites and/or non-county operated sites. The status column indicates if a county operated site is open or closed and provides contact information for non-county sites. If you are not sure which site is nearest your property, you can find the sites on the map link.

DETAILED FORECAST

The Detailed Forecast links to a 7-day National Weather Service weather forecast for the Sacramento area.

PRECIPITATION FORECAST

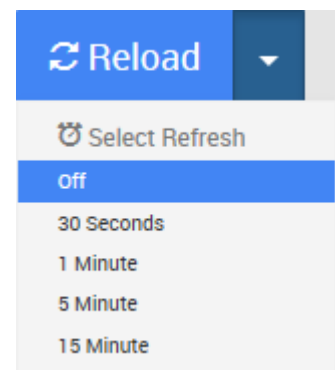
The National Oceanic and Atmospheric Administration link provides 6-day rainfall predictions by time increment and by geographic location.

NWS RIVER FORECAST

The California Nevada River Forecast Center collects rainfall and flow data from a variety of sources and uses the information to make 5-day forecasts of select river locations. When the user clicks on a location, data relative to river forecast elevation will appear for specific sensor sites.




A word regarding "Reload"




Pages that display data do not automatically refresh as data is added to the database. Most pages include a blue button labeled "Reload" near the top of the page that can be used to refresh the page with current data. Additionally, if you wish to keep a particular page open in your browser, you can select an automatic refresh rate by using the pull-down menu next to the blue "Reload" button. Timed signals are sent approximately once an hour. But during active rainy periods, data will appear in the database within 2 to 5 minutes of when it is observed.






Stormready 2022/2023

TV

<u>Video</u> StormReady.org throughout	<u>Audio</u>
<p>Call 311 if you see Localized Flooding</p>    <p>BE STORM READY</p>	<p>If you live in unincorporated Sacramento County and see localized flooding in your area... call 311...</p> <p>Calling 311 is the best way get help to stop localized flooding before it gets worse. Help us help you.</p> <p>Call 311.</p> <p>or go to StormReady.org</p>

<u>Video</u> StormReady.org throughout	<u>Audio</u>
  	<p>Just last winter Sacramento County experienced weather like we haven't seen in a long time.</p> <p>Before the next storm hits...</p> <p>Be storm ready this year by going to StormReady.org to do things like...</p> <p>... make a Storm-Ready Checklist...</p> <p>... create an Emergency Preparedness Kit...</p> <p>Find the nearest sand bags location.</p>

 <ul style="list-style-type: none">- Create a Storm-Ready Checklist...- Have an Emergency Preparedness Kit...- Clear your leaves.- Sand bags locations- Knowing when to evacuate <p>Learn how to protect your family and property from storm and flood hazard.</p>   <p>BE STORM READY</p>	<p>And other flood safety information... Clearing your leaves.</p> <p>At stormReady.org you'll learn how to protect your family and property from storm and flood hazard.</p> <p>Go to. StormReady.org. today</p> <p>Be Storm Ready</p>
--	---

Radio

Department of Water Resources Flood Insurance : 15 script

"With all the recent storms, don't get caught without protection. For peace of mind, be prepared and get flood insurance today. It takes 30 days for a flood insurance policy to take affect. Visit flood ready dot org or flood smart dot gov.

Disclaimer (read fast) This message is brought to you by the Sacramento County Storm Water Utility."

Department of Water Resources Sandbag Locations : 15 script

"Are you storm ready this coming winter? Did you know that by clearing storm drains and raking up leaves you can prevent street flooding? To find out where Sacramento County has opened free sandbag locations go to storm ready dot org."

Disclaimer (read fast) This message is brought to you by the Sacramento County Storm Water Utility.

Department of Water Resources Localized Flooding Help : 15 script

"Are you storm ready? Did you know that clogged drains are the number one cause for localized flooding? Do your part to keep drains clear by raking and disposing of your leaves and debris. Report localized flooding by dialing 3-1-1.

Disclaimer (read fast) This message is brought to you by the Sacramento County Storm Water Utility."

Michael J. Penrose
Interim Deputy County Executive

Department of Water Resources
Michael L. Peterson, Director



Ann Edwards
County Executive

County of Sacramento

February 10, 2022

Subject: Beach Stone Lakes Area Flood Hazard Mitigation
Point Pleasant Road

Mr. and Mrs. :

Yesterday, February 9, 2022, the Board of Directors of the Sacramento County Water Agency approved a resolution authorizing us to fund 100% of the cost to raise your house so that the floor will not be subject to flood damage.

I enclosed a statement of interest form. If you were to fill it out, mark [yes] and return to us, we might be in a position to apply for a FEMA grant to help with the funding of your house elevation project.

Please feel free to contact me to discuss this.

Sincerely,

George H. Booth
Floodplain Management Section
boothg@saccounty.net (916)874-6484

David Defanti
Deputy County Executive

Department of Water Resources
Michael L. Peterson, Director



Ann Edwards
County Executive

County of Sacramento

July 29, 2022

Hood, CA 95639

Subject: Phase 7 FEMA House Elevation Grant

:

In 2019, the County was asked to apply for a FEMA grant to raise your house at Blair Street, Hood, CA and we have received the grant. The grant program is to mitigate flood risk. The floor of your house is about 6 feet deep in the effective FEMA floodplain based on levee failure.

➔ Why do people raise their houses?

Reducing flood risk and increasing peace of mind, creating usable garage and storage space, potentially adding value to the house, likely reducing the cost of flood insurance for years to come.

The grant pays 75 percent of the eligible cost, the County pays the lesser of 12.5% or \$12,000. If your household qualifies as low income based on taxable income and number of people in the household, you might qualify for additional financial assistance for your house raise project. Search California HCD income limits.

Time is of the essence. This grant has limited time and money available. You should feel free to contact me and/or Eugene Balinski balinski@saccounty.gov (916) 874-2765.

Sincerely,

George H. Booth
Floodplain Management Section
boothg@saccounty.net (916)874-6484

Sacramento County Social Media Plan						
Run Schedule/Triggers	Subject with URL	Website	Author	Can it be Prescheduled?	Twitter	Facebook
As required	Know your flood risk	www.StormReady.org	Matt Robinson	Yes	For flooding call 3-1-1.	If you are experiencing neighborhood flooding, please call 3-1-1.
As required	Insure your property	www.StormReady.org	Matt Robinson	Yes	Do you qualify for a low-cost low-risk flood insurance policy? Ask your insurance agent for details. It takes 30 days for a policy to take effect.	Do you qualify for a low-cost low-risk flood insurance policy? Ask your insurance agent for details. It takes 30 days for a policy to take effect.
As required	Prepare for the storm	www.StormReady.org	Matt Robinson	Yes	Check www.StormReady.org /ALERT for the flood levels of local streams.	Do you live near a creek? You can monitor the level of neighborhood waterways on www.StormReady.org /ALERT.
Start November 1/Run once a month or before a storm hits	Protect your property; rake your leaves	www.StormReady.org	Matt Robinson	Yes	Two Sacramento County operated sandbag sites are open.	Two Sacramento County operated sandbag sites are open.
As required	Call 3-1-1 to report flooding	www.StormReady.org	Matt Robinson	Yes	Sacramento is experiencing high intensity storms. For up-to-date information, monitor local television and radio stations.	Sacramento is experiencing high intensity storms. For up-to-date information, monitor local television and radio stations. Always have a battery-powered radio in your emergency kit.

	Date to Post	T/FB	Post	Graphic Yes/No
1.	10/10	T/FB	Remember – Only rain down the drain	Y
2.	10/12	T/FB	What do you call the curbside opening that collects water from streets? Gutter? Catch basin? Storm Drain System? http://tinyurl.com/zl2z2xe	Y
5.	10/17	T/FB	Storm drainage problems are frequently caused by debris blocking water flow. Rake, sweep, & remove debris from the drain inlets.	Y
6.	10/19	T/FB	Flood concerns: Sign up for Everbridge Alerts. Get emergency alert information on your phone or email. www.Sacramento-Alert.org	N
7.	10/21	T/FB	On a typical summer day a million gallons of water goes through Sac County's drainage system. During Heavy rains? About a billion gallons.	Y
9.	10/26	T/FB	First flush: The 1st big rain after an extended dry period. Learn more how this affects creeks & rivers. http://tinyurl.com/zl2z2xe	Y
10.	10/27	T/FB	Rake your leaves and prevent localized flooding by keeping storm drains clear for early winter storms.	Y
11.	10/28	F	Sacramento County's Stormwater Utility will open four sandbag sites on November 1, 2017 The sites are for use by residents of our jurisdiction and are self-service. We supply the sand and bags.	Y
12.	10/28	T	Next Tues: 4 self-service sandbag sites will be open for Sac County's Stormwater Utility customers. Bring a shovel. We got the sand & bags.	Y
13.	10/31	T/FB	Remember to turn off your landscape irrigation as state regulations restrict watering within 48 hours of measurable rainfall.	Y
14.	11/1	FB	Four sandbag sites are open today for residents of the Sacramento County Stormwater Utility. The sites are: 1. Orangevale Community Center at 6826 Hazel Avenue 2. County Branch Center at 3847 Branch Center Road 3. Westside Park at 6555 W. 2nd Street in Rio Linda 4. Jose P. Rizal Community Center at 7320 Florin Mall Road. Remember to bring your own shovel. The sites are self-serve. For more information, please see www.stormready.org .	Y

	Date to Post	T/FB	Post	Graphic Yes/No
15.	11/1	T	4 Sac County sandbag sites are open today: http://tinyurl.com/jryojgh . Remember to bring a shovel. All sites are self-serve & 20-bag limit.	Y
16.	11/2	T/FB	Remember to turn off your landscape irrigation as state regulations restrict watering within 48 hours of measurable rainfall.	Y
17.	11/3	T/FB	Want to learn more about our region's flood history? http://tinyurl.com/hxuxhml	N
18.	11/7	T/FB	Sand bags are limited to 20 per Sac County Stormwater Utility customer. An average passenger vehicle will hold nor more than 20 sand bags.	Y
19.	11/11	T/FB	Just a few inches of water from a flood can cause tens of thousands of dollars in damage. Buy your flood insurance now!	Y
20.	11/14	T/FB	Find out how we are partnering with cities & districts to update the countywide Local Hazard Mitigation Plan. http://tinyurl.com/hq7ye5l	Y
21.	11/14	T/FB	Take our survey: What do you think are Sacramento County's biggest natural hazard risks: #flood, #quake, #drought? http://tinyurl.com/hagw7tc	Y
22.	11/22	T/FB	Remember: Flood Watch = Be Aware. Flood Warning = Take Action.	N
23.	12/9	T/FB	Find out your escape route if there's flooding: http://tinyurl.com/gt7hzz2	N
24.	12/9	T/FB	Learn more about the flood mitigation efforts in the Beach Stone Lakes area. http://tinyurl.com/hpoglkq	N
27.	12/12	T/FB	Do you qualify for a low-cost low-risk flood insurance policy? http://tinyurl.com/jafdwu4	Y
28.	12/15	T/FB	Looking for maps of the Sac County 100-year floodplain, creeks or evacuation routes? http://tinyurl.com/ha2nxe9	Y
29.	12/18	T/FB	Want to see a map of the creeks in Sacramento County? http://tinyurl.com/hoyxtme	N
30.	12/19	T/FB	Use the ALERT system during heavy storms to monitor rising stream levels in your area. https://www.sacflood.org/home.php	N
31.	1/2	T/FB	Learn the four steps to flood safety. http://tinyurl.com/zxx4d26	N


	Date to Post	T/FB	Post	Graphic Yes/No
32.	1/6	T/FB	Do you live in a flood zone? Check www.stormready.org and click on Flood Zone Information.	Y
33.			Turn Around, Don't Drown. During floods, more people are trapped and die in their vehicles than anywhere else.	Y
34	1/10	T/FB	Use the ALERT system during heavy storms to watch rising stream levels in your area. https://www.sacflood.org/home.php	Y

Social Media Examples


Twitter

Sacramento Co Water @SacCountyWater
Tweets 409 Following 16 Followers 511 Likes 2 Lists 0 Moments 0 [Edit profile](#)

Sacramento Co Water @SacCountyWater · Apr 5
Call 3-1-1 to report localize flooding in Sacramento County.




Sacramento Co Water @SacCountyWater · Apr 5
If you are worried about potential flooding, Sacramento County sandbag sites are open. Bring a shovel. We got the sand & bags. Find out where the closest open location is to you: waterresources.saccounty.net/stormready/Pag...




Sacramento Co Water @SacCountyWater · 1 Sep 2017
Not just coastal areas. Feds say over last 5 yrs, Sac County policies dropped 10%. Ask an agent about flood insurance & Be Storm Ready.

The Associated Press @AP
#APExclusive: An analysis of federal flood insurance data shows fewer Americans buying insurance in coastal areas. [apnews/p33YqyH](https://apnews.com/p33YqyH)

Sacramento Co Water @SacCountyWater · 1 Sep 2017
It takes 30 days for a new flood insurance policy to take effect. Be prepared this winter season. Remember, StormReady.org.





Sacramento County Department of Water Resources
@SacCountyDWR


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Manage Promotions

Like Follow Share ...

Sacramento County Department of Water Resources
Published by Hoeltzle [?] · October 27, 2017 · [?]

It takes 30 days for a new flood insurance policy to kick in. Learn more before the rain at StormReady.org #CAFloodPrepWeek



50 / people reached Boost Post


Like Comment Share

3 Shares

Write a comment

Sacramento County Department of Water Resources
Published by Hoeltzle [?] · October 28, 2017 · [?]


Want to learn more about the Sacramento region's flood history? <http://tinyurl.com/tauxh4r4> #CAFloodPrepWeek



67 people reached Boost Post

Sacramento County Department of Water Resources
Published by Hoeltzle [?] · March 7 · [?]

As the rain falls again, please remember to call 3-1-1 to report localized flooding in unincorporated Sacramento County.



3,054 people reached Boost Post

2.3K Views

Like Comment Share


Try Lapwai and Midway 10xms

Add a Button

Community See All

- Invite your friends to like this Page
- 487 people like this
- 524 people follow this
- Kim Lybeck News likes this or has checked in
- Build community around your Page by creating and linking a group

About See All



827 7th Street, Rm 301
Sacramento, California 95814
Get Directions
(916) 874-6801
Typically replies within a few hours
Send Message
<http://www.waterinfo.ca.gov> Promote Website

Water Utility Company · Government Organization
Hours: 8:00 AM - 5:00 PM
[Open Now](#)
Suggest Edits

Related Pages

- Sacramento County Regional Pa...
Government Organization
- Sacramento County Environmen...
Government Organization
- The Antique Company
Antique Store
- Public Utilities in Sacramento, California

Pages Liked by This Page

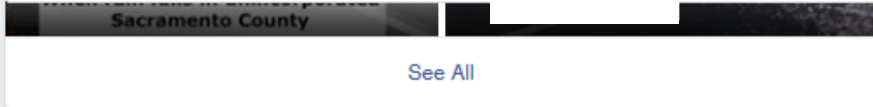
- CBS13 CBS Sacramento
- ABC10
- Be River Friendly Sacramento

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Facebook © 2018

<https://www.facebook.com/SacCountyDWR/>



Sacramento County Department of Water Resources @SacCountyDWR

- Home About Photos Videos Posts Reviews Community Create a Page

Posts



Sacramento County Department of Water Resources

March 2 at 4:11pm

As the rain falls again, please remember to call 3-1-1 to report localized flooding in unincorporated Sacramento County.



97 Views

Like Comment Share

Mehran Khan and Matt Robinson like this.

1 Share



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@SacCountyDWR

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Like
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 ...

Tina Lopez and Mehran Khan like this.

15 Shares



Sacramento County Department of Water Resources

March 1 at 10:20am · 🌐

Have you spotted a creek that is trashed with trash and could benefit from a clean-up? Sign up for the April 14th Creek Week Clean Up and join thousands of others who care about the quality of our creeks!

Like

Comment



Sacramento County Department of Water Resources

February 28 at 10:05am · 🌐

Don't forget to trash your trash! When it rains, garbage left on the ground can be washed off and dumped into a storm drain which leads to a nearby creek or river. Let's keep our roadways and waterways clean!



Like

Comment



Sacramento County Department of Water Resources

February 20 · 🌐

Make the best use of your grass clippings by leaving them on the lawn after mowing. The clippings will eventually decompose and nourish your soil!

Like

Comment

Angelica Aguilar likes this.



Sacramento County Department of Water Resources @SacCountyDWR

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Like Share ...

Sacramento County Department of Water Resources
January 19 · 🌐

Want to learn more about our region's flood history?
<http://www.waterresources.sacounty.net/.../Region%27s-Floodi...>



69 Views

Like Comment Share

L.A. Binnell, Kim Lybeck Nava and Sabrina Weiss like this.

Sacramento County Department of Water Resources
January 17 · 🌐

The rain's back. Make sure street flooding doesn't follow. Storm drainage problems are frequently caused by debris blocking water flow. Remove debris from the drain inlets. Call 3-1-1 to report street flooding in unincorporated Sacramento County.





Sacramento County Department of Water Resources @SacCountyDWR

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Sacramento County Department of Water Resources shared US National Weather Service Sacramento California's post.

January 12 · 🌐

You'll have time to clear leaves and debris before the next system rolls in. Remember, only rain down the drain.

DRY THEN UNSETTLED
NWS SACRAMENTO

THIS WEEKEND → **NEXT WEEK**

<ul style="list-style-type: none"> • Mild temperatures • Sunny, clear skies • Morning valley fog <p><small>Photo: Mike MacInosh</small></p>	<ul style="list-style-type: none"> • Rain & mountain snow • Cooler temperatures • Light to moderate winds <p><small>Photo: Brooke Bingham</small></p>
--	--

US National Weather Service Sacramento California

January 12 · 🌐

After a dry weekend with morning valley fog, an active weather pattern will be in store across NorCal beginning Monday night.

Like

Comment



Like



Sacramento County
Department of
Water Resources

@SacCountyDWR

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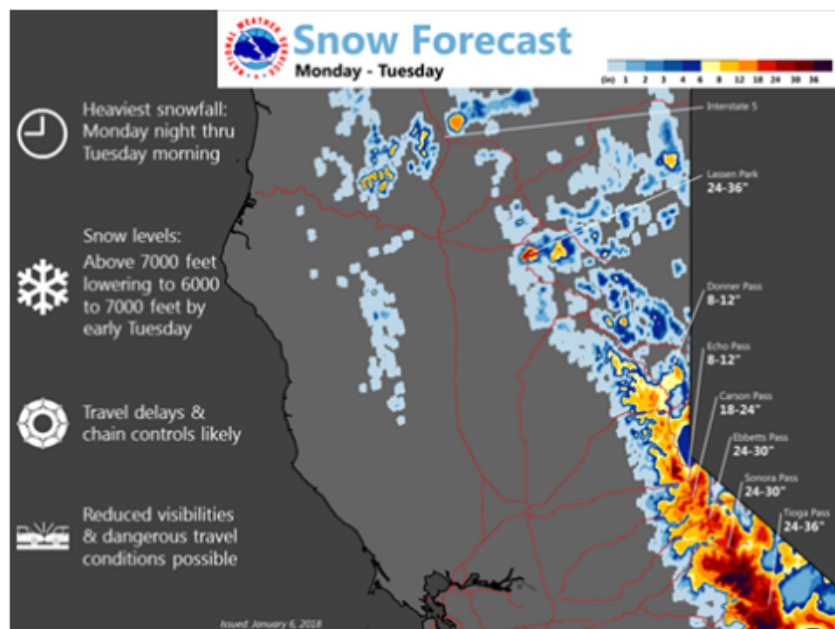
Create a Page



Sacramento County Department of Water Resources shared
[US National Weather Service Sacramento California's](#) post.

January 6 · 🌐

Take time before the storm to clear gutters and drains to avoid localized flooding. Remember to call 3-1-1 to report flooding in unincorporated Sac County.



US National Weather Service Sacramento California

January 6 · 🌐

After another dry day tomorrow, a stronger winter storm is expected to impact NorCal Monday - Tuesday. Prepare now for hazardous mountain travel!

Like

Comment



Sacramento County
Department of
Water Resources
@SacCountyDWR

- Home
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Like

Comment



Sacramento County Department of Water Resources

December 29, 2017 · 🌐

Planning to take your dog out for some exercise and get in shape for the new year? Don't forget to bring a bag to scoop up your pet's poop! It's important to keep our neighborhoods and creeks clean!



Like

Comment



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@SacCountyDWR

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Sacramento County Department of Water Resources

December 15, 2017 · 🌐

Did you know that when rainfall and runoff washes into a storm sewer/drain it empties into a creek and river without being cleaned? During the rainy season it's important to pick up trash, fix car leaks, and limit yard chemicals and other toxins that can be carried by rain water and flow into creeks and rivers. Learn more solutions at www.beriverfriendly.net



Like

Comment

Brenda L. Bongiorno likes this.



Sacramento County Department of Water Resources @SacCountyDWR

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Like Share ...



Sacramento County Department of Water Resources

November 16, 2017 · 🌐

County drainage crews quickly clear a debris pile in Strong Ranch Slew before things became worse. Household items tossed into here before the rains helped cause this clog. Report illegal dumping in unincorporated Sac County storm drains to 3-1-1.



715 Views

Like

Comment

Share

Carrie Robinson and Johnathan Davis like this.

Chronological ▾

2 Shares



Frankie Garcia Jesus Garcia

17w



Jesus Garcia Deja dormir

17w



Sacramento County Department of Water Resources added 2 new photos.

November 16, 2017 · 🌐

By machine and by hand County DWR crews clearing Strong Ranch Slew of debris. Call 3-1-1 to report drainage problems in unincorporated Sac County.



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Sacramento County Department of Water Resources

October 27, 2017 · 🌐

It takes 30 days for a new flood insurance policy to kick in. Learn more before the rain at StormReady.org #CAFloodPrepWeek



SAC COUNTY October 26, 2017

Want to learn more about the Sacramento region's flood history? <http://tinyurl.com/hxuxhtml> #CAFloodPrepWeek



Like Comment

Cooper MP likes this.

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SAC COUNTY Sacramento County Department of Water Resources October 25, 2017

Use the ALERT system during heavy storms to monitor rising stream levels in your area. <https://www.sacflood.org/home.php> #CAFloodPrepWeek





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Sacramento County Department of Water Resources

October 24, 2017 · 🌐

Prevent street flooding near your home or business by clearing storm drains before the rain starts. #NationalFoodDay #CAFloodPrepWeek



Like

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Sacramento County Department of Water Resources

September 1, 2017 · 🌐

<https://apnews.com/f76ef0bbbe184ccb8c2466e1209f731a...>

It's not just the coastal areas, the National Flood Insurance Program says the number of flood insurance policies in Sacramento County dropped 10% over the last 5 years. Talk to an insurance agent about buying flood insurance. Be Storm Ready this winter.





Like



Share



Sacramento County Department of Water Resources

September 1, 2017 · 🌐

September is Emergency Preparedness Month. Be prepared this winter season, and don't get caught without protection. For peace of mind, talk to your insurance agent about getting flood insurance today. It takes 30 days for a new policy to take effect. Visit StormReady.org to learn more.

Are you Storm Ready?



**Call 3-1-1 to report flooding in
unincorporated Sacramento County**



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Sacramento County Department of Water Resources

August 4, 2017 · 🌐

Want to learn more about which bugs are best for your garden? Stop by the Department of Water Resources booth tomorrow at Harvest Day from 8 a.m. - 2 p.m. at the Fair Oaks Horticulture Center. Stop by and get a free garden gift while supplies last. For more information, go to http://sacmg.ucanr.edu/Harvest_Day/



Harvest Day 2017

Harvest Day 2017 - Sacramento MGs

SACMG.UCANR.EDU

Like

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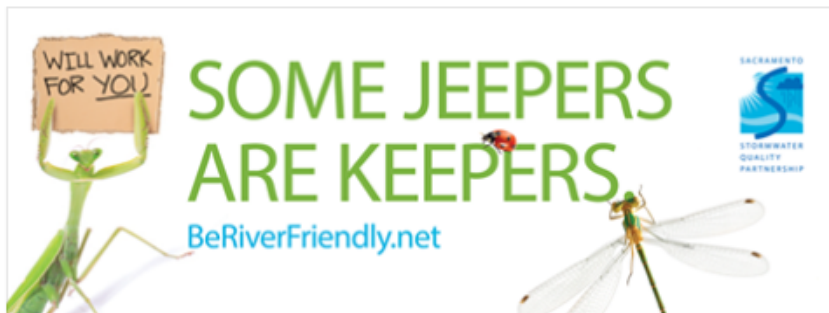
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Sacramento County Department of Water Resources

June 28, 2017 · 🌐

Are pests invading your home? Before you reach for a can of bug spray, see how good bugs and choosing the right plants can defend your home against pests. Learn more at <http://www.beiverfriendly.net/IPM/>



Like

Comment

Carrie Robinson and Thaddeus Shinsa like this.

3 Shares



Like Share ...

2 Shares



Sacramento County Department of Water Resources

May 9, 2017 · 🌐

Sprucing up the house? Remember, rinsing latex paint from 1 brush into the gutter can endanger stream habitat for a ¼ mile downstream.



Like

Comment

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Sacramento County Department of Water Resources

May 2, 2017 · 🌐

Sammy the Salmon is ready to teach your family about preventing stormwater pollution. <http://tinyurl.com/h46vbdp>



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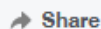
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Sacramento County Department of Water Resources

April 27, 2017 · 🌐

You can do your part to help protect our creeks & streams from pollution...without leaving your home! Remember...don't dump down the drain.



Like



Comment

2 Shares



Sacramento County Department of Water Resources

April 20, 2017 · 🌐

Creek Week volunteers needed to for some spring cleaning in Sacramento County. Find out how you can help: www.creekweek.net

**Time for a little spring cleaning!
Be a Creek Week 2017 Volunteer!**



WWW.CREEKWEK.NET

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Sacramento County Department of Water Resources

April 19, 2017 · 🌐

We have several projects in the works to improve the County's water & drainage systems. Learn more <http://tinyurl.com/mftrdqb>



Like Comment



Sacramento County Department of Water Resources

April 10, 2017 · 🌐

Creek Week volunteers needed to for some spring cleaning in Sacramento County. Find out how you can help: www.creekweek.net

Like Comment

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Sacramento County Department of Water Resources shared
US National Weather Service Sacramento California's post.

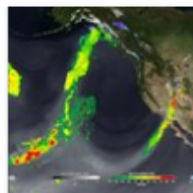
February 23, 2017 · 🌐



US National Weather Service Sacramento California

February 23, 2017 · 🌐

Check out this neat visualization from [NASA - National Aeronautics and Space Administration](#) that shows the extreme rainfall that occurred in California during the first three weeks of February 2017 and the atmospheric rivers that transported the rain to the area.



California Gets Slammed Again

This visualization combines precipitation data from the Global Precipitation Measurement (GPM) mission's...

[YOUTUBE.COM](#)

 Like

 Comment

 Share


Sacramento County Department of Water Resources

February 22, 2017 · 🌐

Snodgrass Slough at Lambert Road sensor has reached the flood stage of 13.3 ft. Follow at <http://sacflood.org>.

 Like

 Comment

Maria Socorro Rodriguez and Joy Smith like this.



Sacramento County Department of Water Resources

February 21, 2017 · 🌐

Dry Creek Bypass at Elkhorn has reached flood stage at 45.6 ft. Follow at sacflood.org.

 Like

 Comment



Sacramento County Department of Water Resources @SacCountyDWR

- Home, About, Photos, Videos, Posts, Reviews, Community, Create a Page

Like Share ...

Sacramento County Department of Water Resources February 21, 2017 · Dry Creek West at Elkhorn has reached flood stage at 45.9 ft. Follow at sacflood.org. Like Comment

Farrah McDaid Ting likes this. 1 Share

Sacramento County Department of Water Resources February 21, 2017 · Dry Creek East at Elkhorn has reached flood stage at 49.9 ft. Follow at sacflood.org. Like Comment

Tricia Bowden, Farrah McDaid Ting and Trisha Ann like this. 1 Share

Sacramento County Department of Water Resources February 21, 2017 · The Cosumnes at Wilton has reached the 71.5 ft monitor stage. Flood stage is at 73.5 ft. Follow at sacflood.org. Like Comment

Tricia Bowden, Farrah McDaid Ting and Trisha Ann like this.

Sacramento County Department of Water Resources February 20, 2017 · Cosumnes River at Michigan Bar has reached the 12.0 foot flood stage. Follow at http://sacflood.org. Like Comment

Mark ... likes this.



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Sacramento County Department of Water Resources

February 20, 2017 · 🌐

Currently 11 streams/creeks in sacflood.org are in Monitor Stage. Arcade Creek (ARC) & Deer Creek (Scott Rd) are in flood stage.

Like

Comment

Farrah McDaid Ting and Connie Bolkom like this.

4 Shares



Sacramento County Department of Water Resources

February 20, 2017 · 🌐

Dry Creek at Vernon St has reached the 119.0 ft monitor stage. Follow at sacflood.org.

Like

Comment

Farrah McDaid Ting and Ana Cutter Franklin like this.

15 Shares



Sacramento County Department of Water Resources

February 20, 2017 · 🌐

Arcade Creek at ARC sensor has reached the flood stage of 76.34 ft. Follow at <http://sacflood.org>.

Like

Comment

Cindy Pridmore, Veronica Maldonado and 2 others like this.

Chronological ▾


66 Shares



Cindy Pridmore Thank you very much for these online resources. We live along Arcade Creek and were flooded in January 1995. Although our house is now raised, we follow these gauges during every significant storm. From looking at the info posted from up and down stream we can tell how fast the creek is rising and when it looks like it has crested. Thanks again!

1y

Like Share ...

 January 10, 2017 · 🌐

Dry Creek West at Elkhorn Blvd has reached the 45.90 ft flood stage. Follow at sacflood.org.

Like Comment

 **Sacramento County Department of Water Resources**
January 10, 2017 · 🌐

Dry Creek East at Elkhorn Blvd has reached the 49.90 ft flood stage. Follow at sacflood.org.

Like Comment

1 Share

 **Sacramento County Department of Water Resources**
January 10, 2017 · 🌐

Based on gage data at Vernon Street in Roseville, it is predicted that Dry Creek flows will exceed the capacity of the creek and overtop the banks between 7:00-9:00 pm.

Area residents within the 100-yr FEMA Dry Creek floodplain are advised to take necessary precautions with valuables, such as moving them to higher ground.

Like Comment

 **Sacramento County Department of Water Resources**
January 10, 2017 · 🌐

Cosumnes River at Michigan Bar has risen again to reach the 12 ft flood stage. Follow at sacflood.org.

Like Comment

 **Sacramento County Department of Water Resources** shared Sacramento County Sheriff's Department's post.
January 10, 2017 · 🌐

 **Sacramento County Sheriff's Department** updated their status

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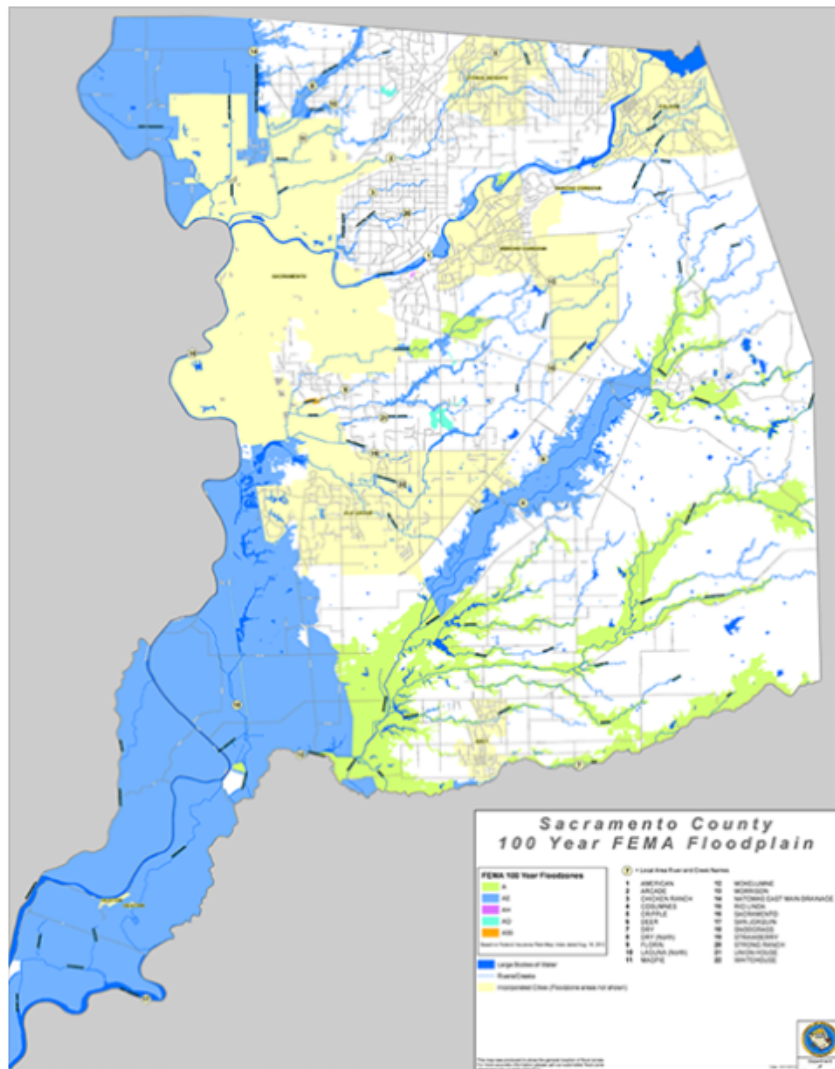
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Sacramento County Department of Water Resources

January 3, 2017 · 🌐

Do you live in a flood zone? Check www.stormready.org and click on Flood Zone Information.



👍 Like

💬 Comment

ATTACHMENT FRP4



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Comment

Diana Luiz, Sacramento County - Government and Kim Lybeck Nava like this.

1 Share



Sacramento County Department of Water Resources

December 19, 2016 · 🌐

Don't wait until the rain falls. Find out your escape route before there's flooding: <http://tinyurl.com/gt7hzz2>



Like



Comment



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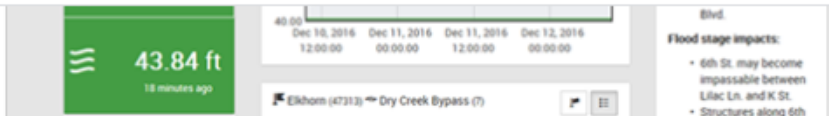
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Sacramento County Department of Water Resources

December 12, 2016 · 🌐

Do you qualify for a low-cost low-risk flood insurance policy?

<http://tinyurl.com/jafdwu4>



Like

Comment



Sacramento County Department of Water Resources

December 9, 2016 · 🌐

Use the ALERT system during heavy storms to monitor rising stream levels in your area. <https://www.sacflood.org/home.php>

SACRAMENTO COUNTY ALERT System

Map Sites News Dashboards Bookmarks

Warning! Before using information obtained from this website, special attention should be given to the date and time of the data and information being displayed. The data has NOT been verified for accuracy, and evaluation, interpretation and verification of ALERT data are the responsibility of the user.



Sacramento County Department of Water Resources

November 16, 2016 · 🌐

Learn how the innovative Cordova Creek Naturalization Project will improve the current land use & the environment. <http://tinyurl.com/gludz63>

Cordova Creek Naturalization Project



Like

Comment



Sacramento County Department of Water Resources

November 14, 2016 · 🌐

Take our survey: What do you think are Sacramento County's biggest natural hazard risks: #flood, #quake, #drought? <http://tinyurl.com/hagw7tc>

Sacramento County Department of Water Resources @SacCountyDWR

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November 14, 2016 · 🌐

A Local Hazard Mitigation Plan will help us recover faster after a disaster. Help Sac County update ours. Take part in a public meeting develop a long term plan. <http://tinyurl.com/hq7ye5l>

Local Hazard Mitigation Plan Public Meeting

6:00-7:30 p.m.



November 15
South Natomas Community Center
 2921 Truxel Rd.
 Sacramento

November 16
Laguna Creek High School, Career Room
 9050 Vincino Dr.
 Elk Grove



Like



Comment

1 Share



Sacramento County Department of Water Resources

November 9, 2016 · 🌐

Sac County residents participate in a survey to help identify & assess the natural hazard risks in our area. <http://tinyurl.com/hq7ye5l>

[Exit this survey](#)

Hazard Mitigation Survey

1.

Our community is updating our local hazard mitigation plan with a goal to be less vulnerable to disasters and to help save lives and protect property. We need your help to identify and assess the natural hazard risks in our area; such as flood, earthquake, drought, levee failure, and to determine how best to minimize or manage those risks. The results of this planning process will make our community more disaster resistant, reduce the cost of flood insurance, and will make sure our community remains eligible for FEMA federal disaster assistance.



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Sacramento County Department of Water Resources

November 4, 2016 · 🌐

A few inches of flood water can cause tens of thousands of dollars in damages. Buy flood insurance! Learn more: <http://tinyurl.com/jafdwu4>



Nearly 20% of claims come from moderate to low risk areas.



Sacramento County Department of Water Resources

November 3, 2016 · 🌐

Want to help Sac County develop a long-term plan to reduce disaster loss? Attend a Hazard Mitigation Plan mtg. <http://tinyurl.com/hq7ye5l>

**Local Hazard Mitigation Plan Public Meeting
6:00-7:30 p.m.**

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Department of Water Resources
Michael Peterson, Director

News Release

October 31, 2021

Contact: Matt Robinson
Email: robinsonma@sacounty.net
Phone: 916-874-4517

Sacramento County To Open Sandbag Locations November 1

Bags and Sand Available For Residents In Unincorporated Areas

Sacramento County, CA: On November 1, The Sacramento County Department of Water Resources (DWR) will open two sandbag sites in preparation for potential winter storms. The sandbag sites will remain open until March 31. The County opens these locations in November to allow residents in flood prone areas to gather sandbags if they believe their property would be in danger from heavy rains resulting in flooding.

DWR opens these centers in November to give residents in the unincorporated areas, an opportunity to prepare for the potential of high water if they live in flood prone areas. These sites will stay open around the clock:

Branch Center (3847 Branch Center Rd.)

Orangevale Community Center (6826 Hazel Ave.)

More locations may open depending on the severity of future storms and the potential of flooding. Those extra sites may also close after a storm passes.

Sacramento County supplies the sand and bags, but residents will need to bring a shovel. There is a 20-bag limit per visit. Residents not living in the unincorporated areas of the County will need to check with their cities for sand bag information. The public can visit www.stormready.net for more information on locations and other flood related topics.

--END--



DEPARTMENT OF WATER RESOURCES Storm Ready Topics

1. Know your flood hazard— call Sacramento County’s Flood Zone Hotline: (916) 874-7517 or go to www.stormready.org and click flood zone information.
2. Get flood insurance before you need it! --Flood insurance policies take 30 days to become effective.
3. Talk to your agent- ask them to compare FEMA rate to private flood insurance companies, ask them if an elevation certificate would help your premium rating, and ask about increased deductible.
4. Sign up for emergency and warning messages at www.Sacramento-Alert.org
5. Go to www.stormready.org to learn more about flood risk, and click on ALERT System to see real time rain and stream gauge information.
6. Driving through flood water is dangerous – “Turn Around, Don’t Drown” is more than a catchy slogan.
7. Rake leaves - the number one cause of localized flooding is plugged storm drains.
8. If flood-fighting is appropriate to keep water out of your building, be prepared with supplies such as sandbags.
9. For FEMA flood insurance and flood risk information call 874-6484.
10. Build responsibly - get a permit.
11. Protect natural floodplain functions by keeping streams and ditches clean, do not put trash or chemicals in the gutter, drain, or stream.
12. Call 3-1-1 to report flooding, obtain drainage advice, report drainage issues or stream polluters.
13. Only rain down the drain (don’t dump pollutants such as paint or oil down the drains; it flows to the river)

Program for Public Information and Promotion of Flood Insurance (PPI)

Meeting Agenda

Location: Skype

Date: Aug. 18 2022

Time: 3:00 pm (45 minutes)

Thank you for participating in the County's PPI committee.

- I. Introduction of attendees
- II. Discussion
 - a. Risk Rating 2.0
 - Are we gaining or losing policies due to RR2.0?
 - Is PRP available under RR2.0? revise Topic #7 accordingly
 - b. Isleton's proposed GHAD
 - c. What if people in shade Zone X had some flood coverage?
- III. Review updates to Tables 1 and 2, compare to last year
- IV. Review and edit Aug 2021 Annual Progress Report
- V. Review the projects in the PPI
 - a) Which projects were implemented for this reporting period
 - b) Discuss why some projects were not implemented
 - c) What should be changed
- VI. Report to PPI committee Table 7 – Crossover Activities updates or changes to Recommendation/Action and Schedule
 - a) Outreach brochures
 - b) Realtors and Insurance Agents
- VII. Flood Response Preparation (brief overview)
 - Att 1 Media Kit
 - Att 2 Radio and TV Ads
 - Att 3 HMGP grant invitation
 - Att 4 Social Media
 - Att 5 Press Release Sample
- VIII. Discussion and comments

Program for Public Information - Meeting

Location: Conference Call

Date: August 18, 2022

Time: 3:00pm

Invitees:

Irene.Sabourin@hubinternational.com; allison.benevento@hubinternational.com; Robinson. Matthew <Robinsonma@saccounty.gov>; cealleigh.moore@audacy.com; Balinski. Eugene <balinskie@saccounty.gov>; Siu. Kevin <siuk@saccounty.net>; Johnson. Michael <johnsonm@saccounty.gov>; Pimentel. Dawn <pimenteld@saccounty.gov>; Sloan. Rebecca <SloanR@saccounty.gov>; naval@saccounty.net; seebogierun@aol.com; Dibble 4301 Lelia Dr <redibble@gmail.com>; email@timhodgson.us; wdeltagigi@aol.com; mora.lonica@gmail.com; jemclea@gmail.com; cclat@frontiernet.net; BMCGowan@dcceng.net; landhsaberin@gmail.com; Stacia Olson <s.olson@californiadeltaliving.com>; Stanley6451@gmail.com; kimberlyedwards00@comcast.net; Moreno. Mario <modfromhood@yahoo.com>; Kathy Schaefer <kkschaefer@ucdavis.edu>

Attendees:

PPI Committee in Attendance:

- Kevin Siu- County DWR (CRS Coordinator, Floodplain Management Section)
- Matt Robinson – County DWR (Public Information Office)
- Allison Benevento – HUB International (Local Insurance Agency)
- Joyce Dibble – Sherman Island Flood Mitigation (Homeowner)
- Lyn Efken – Woodside HOA Board (Homeowner)
- Barbara McGowan – Reclamation Districts (Flood Control)
- Kimberly Edwards – Woodside Flood Victim (Homeowner)

Other Committee Members:

- Cealleigh Moore – Audacy (Media)
- Lonica Magina – Beach Stone Lakes floodplain resident (Realtor)
- Joanne Lane – Beach Stone Lakes floodplain resident (Lender)

Other Attendees:

- Eugene Balinski – County DWR (CRS)
- George Booth – County DWR (Facilitator)
- Bill Sessa – Woodside Homeowner (Homeowner)
- Tamara Camara – Woodside HOA Admin (Repetitive Loss Properties)

Discussion

- Community Rating System (CRS) summary – Sacramento County is at a Class 2, which translates to a 40% discount on flood insurance via National Flood Insurance Program (NFIP).
- Comparison of the number of flood insurance policy through the years show a net loss of NFIP flood insurance policies. Private flood insurance policy's competitive rates appear to be the cause of this loss.
- Of all the people that need flood insurance, only 29% have coverage. Some people don't realize the need. While some of those with their homes paid off elect not to have coverage.
- Addition of floodplain/ floodway coming to properties along Arcade Creek due to a FEMA re-map.
- Provided a Risk Rating 2.0 summary
 - Residents of Woodside and Point Pleasant (\$4,600 to \$645) both have shared that they are paying significantly less for flood insurance.
 - FEMA appears to be dropping rates to compete with private insurers.
- City of Isleton forming Geological Hazard Abatement District (GHAD)
 - This will be the first time a GHAD has been formed for flood mitigation purposes. The hope is that this will provide more affordable flood insurance and funds for flood fighting materials.
- County Outreach Efforts
 - Matt Robinson shared outreach plan starting in October (during Flood Preparedness Week).
 - Information shared via Comcast, Odyssey Radio, Lotus Radio (Spanish), social media, billboards, and mailers.
 - The messaging details include: flood zone details, raking leaves, preparedness, talking with insurance agents (30 days for policy to take effect), don't drive through floodwaters, and to call 311 to report localized flooding.
- Short discussion on the potential for the 500-year event that has been reported on the news. Top disaster in California is now flooding, not earthquakes.

Open Discussion

- For Delta communities, flood insurance coverage is poor for the amount of money spent.
- Woodside has started a separate flood account. Insurance rates had been very high with FEMA, but are now seeing a major reduction with Risk Rating 2.0.
- Joyce Dibble's elevated her home on Sherman Island (southern tip of Sacramento County). "Flood insurance cost went way down, it is about 1/10 of what it was before we raised the house." Flood insurance went from \$4,000 to \$450 per year.
- How to find a balance between realtors and insurance agents? We want to respect a realtor's desire to sell property, but also if buyer calls and asks for flood history, we need to give. The PPI is to be informative but we don't want to cause unnecessary alarm for example in the levee protected urban areas.

Table 8 - Desired Outcomes

Topic # (see above)	Message Used (example)	Desired Outcome	Measurement (PPI committee)	Progress Made? (y/n)
1	Know your flood zone (call, fax, visit, or log on)	Increase in the number of flood insurance policies	<i>Increase in the number of flood insurance policies</i>	No
2	Buy flood insurance now!	Understanding flood risk	<i>Increase number of flood insurance policies</i>	No
3	Sign up for emergency notifications	Community becomes more proactive	<i>New people signing up for emergency notifications</i>	Yes
4	Protect your property; rake your leaves	Responsible community efforts to keep storm drains clear	<i>Decrease number of flood calls due to storm drains blocked by debris.</i>	Yes
5	Get a building permit	Decrease in the number of building permit violations	<i>Reduction in the number of building permit violations</i>	Yes
6	Don't dump	Reduce number of violations	<i>Reduced number of violations</i>	Yes
7	Talk to your insurance agent about Zone X coverage	Increase in Zone X flood insurance policies	<i>Increase in the number of flood insurance policies</i>	No
8	Call 311 to report flooding	County is made aware of areas where flooding is occurring	<i>Decrease in overall County staff response time</i>	Yes
9	Keep streams and ditches clean	Cleaner waterways	<i>Increased number of participants in creek stewardship</i>	Yes
10	Only rain down the drain	Responsible community efforts to ensure only rain water enters the storm drain system	<i>Decrease in Notice of Violations related to illicit discharges</i>	Yes

ATTACHMENT T9

Table 9 - Sacramento County Projects

Organization	OP#	Project	Subject Matter	Frequency	Outreach Classification	Target Audience	Implemented (Y/N)	Date Completed	Status	Recommendations
Sacramento County Water Resources Department	1	CUBS Mailer (entire County)	Message: 1, 3-6, 8, 9	Fall	Targeted outreach	All County Residents	Y	fall each yr	Completed	No changes
	2	Direct Mailer-SFHA	Message: 1, 3-6, 8, 9		Targeted Outreach	Federal Flood Zones	Y	fall each yr	Completed	No changes
	3	Direct Mailer-Local Flood Zones Areas	Message: 1, 3-6, 8, 9	Fall	Targeted Outreach	Local Flood Zones	Y	fall each yr	Completed	No changes
	4	Direct Mailer-Repetitive Loss Areas	Message: 1, 3-6, 8, 9	Fall	Targeted Outreach	Repetitive Loss Areas	Y	fall each yr	Completed	No changes
	5	Levee-Protected Area Mailer		Fall	Targeted Outreach	Areas Protected by Levees	Y	done by STK	done by the State on annual basis (see OP19)	No changes
	6	Dam-Protected Area Mailer		Fall	Targeted Outreach	Areas Protected by Dam	N	On hold	Design developed, not feasible to do mailing	Re-evaluate in 2023-25 as SAFCA work wraps up
	7	Map information service (Front Counter)	Message: 3-5	Year-round	General Outreach	All County Residents	Y	Service provided	Daily Mon to Fri	No changes
	8	Storm Ready Booklet	Message: 1, 3-6, 8	Year-round	Informational Material	All County Residents	Y	continuous	Used at least 3 times	No changes
	9	Storm Drain Stencil	Message: 6	Year-round	General Outreach	All County Residents	Y	Requirement for new installations	Continuous	No changes
	10	Storm Ready website [Flood protection information (web)]		Year-round	(discuss for cross-over)	All County Residents	Y	Review monthly	review done at least monthly	minor updates
	11	Flood protection assistance (advice, visit, financial asst. advice)		Year-round	(discuss for cross-over)	All County Residents	Y	On call	Continuous	No changes
	12	Elected Official-Flood insurance promotion	Message : 1-10	TBD at least once per year	General Outreach	All County Residents	N	fall each yr	Email reminder with Att H	Ask Supervisor for annual meeting
	13	Posting "No Dumping" signs	Message: 6, 8	Year-round	General Outreach	All County Residents	Y	Signs are posted, replace if damaged	Continuous	No changes
	14	Technical (Flood Insurance) Assistance	Message: 1	Year-round	General Outreach	All County Residents	Y	Service provided	Publicize in OP01	No changes
	15	Social Media	Message: 1-5, 7-10	Year-round	General Outreach	All County Residents	Y	Continuous	On schedule	Aim for consistency and documenting as posts are done

ATTACHMENT T10

Table 10 - Stakeholder Projects

OP#	Organization/Stakeholder	Project	Subject Matter	Frequency	Outreach Classification	Target Audience	Number of times per year	Status	Recommendations
16	Homeowner's Association	Association meeting	Message: 1-6, 8	Once a year	General Outreach	All County Residents	1	resuming post-pandemic	Continue looking for additional meetings Share Attachment H with stakeholder
17	Effie Yeaw Nature Center	educational tours, website	<i>*has not been scored</i>	Year-round	General Outreach	All County Residents	5+	Many outreach events	Share Attachment H with stakeholder
18	Sacramento Stormwater Quality Partnership	events	Message: 6, 9, 10	Year-round	General Outreach	All County Residents	4+	Ongoing efforts conducted by STK	Share Attachment H with stakeholder
19	Department of Water Resources' (DWR) FloodSAFE California Initiative	Levee Mailer	Message: 1-3, 5, 9	Fall	Targeted Outreach	Areas Protected by Levees	1	mailers by the State	Share Attachment H with stakeholder
20	Sacramento Association of Realtors	member newsletter	<i>*has not been scored</i>	Year-round	Informational Material	All County Residents	1	by the City of Sac.	Get copy from City Share Attachment H with stakeholder
21	Sacramento Area Creeks Council	Tours & Clean-up Event (multiple locations)	Message: 9	April	General Outreach	All County Residents	3	Ongoing efforts conducted by STK	Share Attachment H with stakeholder
22	U.S. Fish & Wildlife Service (Stone Lakes National Wildlife Refuge)	tours	Message: 6	Year-round	General Outreach	All County Residents	5+	Ongoing efforts conducted by STK	Share Attachment H with stakeholder
23	Sacramento County Parks and Recreation District	Dog Waste Stations w/Mutt Mitts	Message: 10	Year-round	General Outreach	All County Residents	1	Ongoing efforts conducted by STK	Share Attachment H with stakeholder
24	Sacramento Valley Conservancy (Deer Creek Hills)	tours	Message: 6	Year-round	General Outreach	All County Residents	5+	Ongoing efforts conducted by STK	Share Attachment H with stakeholder
25	Cosumnes River Preserve	tours	Message: 6	Year-round	General Outreach	All County Residents	5+	Ongoing efforts conducted by STK	Share Attachment H with stakeholder
26	Sacramento Splash	tours	Message: 6	Year-round	General Outreach	All County Residents	5+	Ongoing efforts conducted by STK	Share Attachment H with stakeholder
27	American River Flood Control District	public meetings, mailer	Message: 1, 2, 4, 6	Year-round	Informational Material	SFHA residents along American River	2	They also do an annual mailer.	Reach out to the district Share Attachment H with stakeholder
28	Water Education Foundation	tours, lectures	Message: 1, 4, 5, 6	Year-round	Informational Material	School-Aged Children	5+	Ongoing efforts conducted by STK	Share Attachment H with stakeholder
29	Sacramento Regional County Sanitation District	tours	Message: 6, 9, 10	Year-round	General Outreach	All County Residents	5	Ongoing efforts conducted by STK	Share Attachment H with stakeholder
30	American Red Cross Sierra-Delta Chapter	trainings, community events, social media messaging, website, telephone/tablet applications	Message: 1-3	Year-round	General Outreach	All County Residents	3	Ongoing efforts conducted by STK	Share Attachment H with stakeholder

Table 11 - Crossover Activities

	Element	Discussion/Review	Status	Recommendation /Action	Schedule
OP 7	320 MI	Map information service	Front Counter service	No changes recommended	NA
OP20	340 DFH	The PPI states that real estate agents' should (or have agreed to) advise house hunters about the flood hazard	City of Sac has developed 2 handouts for this and coordinated information with County staff	The brochures are still current	Continue to hand out
	340 REB	The PPI states that real estate agents' should give house hunters a REB brochure			
OP10	350 WEB1	The website covers the following additional topics that are listed in the PPI	Seasonal messaging	No changes recommended	NA
		7. Check out a low cost preferred risk policy	Fall Message		
		8. Call 311 to report flooding	Winter Message		
		9. Keep streams and ditches clean	Spring and Summer Message		
	10. Only rain down the drain	Fall Message			
350 WEB2	The website has the following flood warning, safety, and evacuation information described in the PPI	Inundation and evacuation maps have been done and posted.	No recommended action at this time.	Completed Winter 2017	
OP11	360 PPA	The PPI discusses how the community's property protection service should be conducted	This service is publicized in OP 1-4, 8, and 10. (SWU fund) done by Floodplain Manager	No changes recommended	NA
	360 PPV	The PPI discusses site visits as part of the community's property protection service		No changes recommended	NA
	360 FAA	The PPI discusses how the community's financial assistance advisory service should be conducted		No changes recommended	NA
All OPs with messages 2 or 7; specifically OP12	370 CPI	Projects that will promote flood insurance.	Supervisors regularly make meeting presentations throughout the community.	OP12- 'talking points' for the Supervisor and a handout be made available for the residents if requested.	As opportunity arrises
	Message 2	Insure your property			
	Message 7	Check out a low cost Preferred Risk Policy			
OP13	540 SDR	The PPI discusses how the community should/will publicize the stream dumping regulations	Regulations prohibit; signs are posted by creeks/rivers.	No changes recommended	NA