

**ROSS VALLEY FIRE DEPARTMENT
STAFF REPORT**

For the meeting of: January 14, 2015

To: Board of Directors

From: Mark Mills, Fire Chief *MM*

Subject: Storm Operations

RECOMMENDATION:

Receive and file.

BACKGROUND:

During the week of December 10, 2014, a storm warning was issued for most of Northern California, including all of Marin County. The storm was predicted to dump up to 10 inches of rainfall over the area during the three-day period (Attachment A). The ground was already saturated from previous rainfall. Due to the predicted amounts of rainfall and winds, preparations were begun at the local and state levels.

The department participated in meetings with three Town managers and police chiefs to review the storm operations guide and activation points for emergency warnings to the public. The department also participated in multiple teleconferences with Marin County OES and the Marin County Fire Chief's Association to coordinate resources and develop incident action plans throughout Marin County.

The department developed an Incident Action Plan (Attachment B) that outlined the operational priorities, staffing assignments, communications plan, and a medical plan. The IAP as it is commonly denoted, was designed to be integrated into the overall Marin County IAP that outlined the same resources for all jurisdictions.

The department staff met internally to review the storm operations guide and activation points for deploying door dams and relocating low-lying equipment. The Chief Officer's staff (Chief Mills, BC Hanson, BC Stasiowski, BC Mahoney) made the operational decision to up-staff the department in order to prepare for the event and to handle the anticipated call volume.

In order to maintain a ready reserve force of firefighters, in the event that the storm caused enough damage to stretch more than a few days, 2/3 of the staff was recalled. This would leave roughly 1/3 of the department ready for relief operations if needed. All four stations

AGENDA ITEM # 5
Date 1/14/15

staffed an additional engine with two personnel, a third person on the lead engine, and three chiefs were on duty.

During the storm event, in addition to normal daily operations, the department staff installed all of the door dams, moved all electrical and sensitive equipment from the floor levels, and relocated all vehicles to safe location. During the 24 hour storm period, the staff responded to 32 calls for assistance. Due to the high winds and weak soil conditions, the most common calls were for downed trees and power lines.

DISCUSSION:

All operations were conducted safely, resulting in no injuries or accidents. The only deficit identified during the storm event was the performance of the web site and the creek gauges. The web site received four times the number views previously recorded during the December 2012 storm. Staff was able to increase bandwidth allocated to the web site quickly after the problem was identified. Long-term solutions to the issue will be discussed as part of the mid-year budget deliberations.

FISCAL IMPACT:

The financial impact to the department was \$15,245.00 in additional overtime costs and \$245 in supplies. Depending on the Emergency Declaration declared by Marin County, some funds may be reimbursed.

Attachment A

FLASH FLOOD WATCH IN EFFECT FROM THIS EVENING THROUGH LATE THURSDAY NIGHT / EARLY FRIDAY MORNING

HIGH WIND WARNING IN EFFECT FROM 10 PM THIS EVENING THROUGH 10 PM THURSDAY

HIGH SURF ADVISORY IN EFFECT FROM THIS EVENING THROUGH LATE THURSDAY NIGHT / EARLY FRIDAY MORNING

Current weather-related advisories, watches, and warnings regarding the upcoming storms for this week may be viewed at:

http://www.wrh.noaa.gov/mtr/fastpage/wwa_bc.php?wfo=mtr

SYNOPSIS


Light rain has already begun in Sonoma County and will soon spread south and eastward into Marin County this evening. The storm track has slowed slightly and predictions now are that the peak intensity of the storm should arrive in the most heavily populated areas of eastern Marin County near daybreak Thursday morning and will persist into mid-day Thursday. However, moderate to heavy rain is still expected overnight tonight as well, especially over western Marin. Rain will continue for the remainder of Thursday and will taper-off late afternoon to early evening. The latest models are indicating larger rain volumes over the North Bay of up to 5 to 7 inches with isolated amounts up to 10 inches in the most rain prone locations in the hills. Very strong winds continue to be predicted during this event as well as high surf. The wind will begin to taper-off late afternoon. For more detail, see the Discussion below.




Refer to the Marin County Watershed Programs Flood Preparedness website for information on preparing:

http://www.marinwatersheds.org/flood_preparedness.html


PRECIPITATION OUTLOOK

Wed, Dec 10: Rain beginning late afternoon in the North Bay, intensifying throughout the Bay Area into Wednesday night. Expect periods of heavy rain overnight into Thursday morning.

Approximately 1" to 2" of precipitation, especially in western Marin. 

Thu, Dec 11: Heavy rain. Approximately 4" to 5" of rain is expected in the North Bay valleys and urban areas, with up to 10" in the coastal ranges. Isolated thunderstorms are possible with this system.   

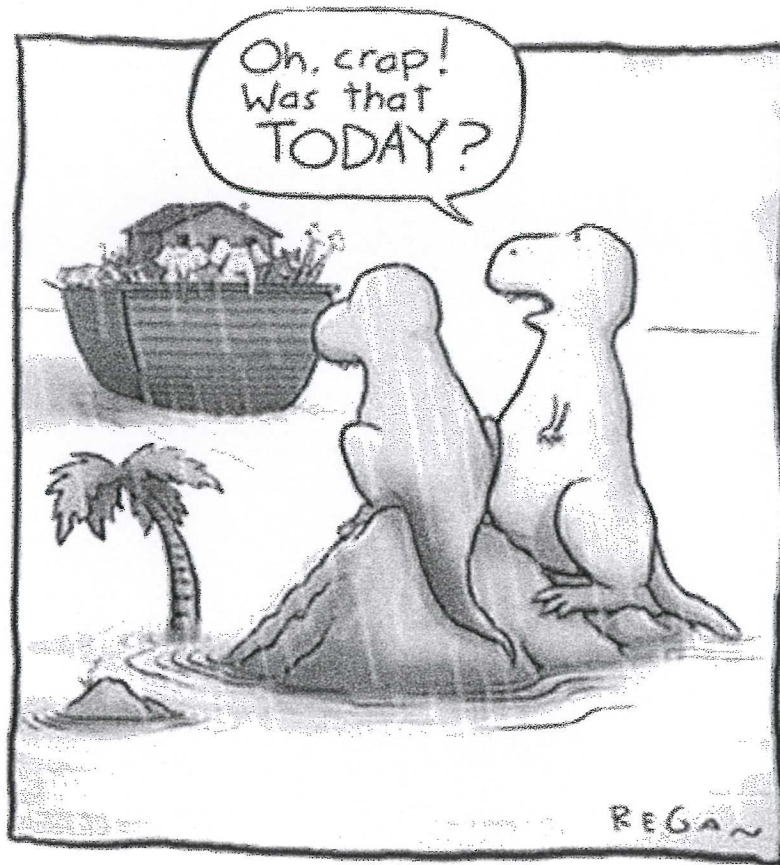
Fri, Dec 12: Showers –additional accumulation of 0.5" – 1". 

Sat, Dec 13: Mostly sunny – normal temperatures. 

Total forecast precipitation amounts for the week (from 4am Dec 10th to 4am Dec 13th): Up to 5"-7" in the low-lying areas, and up to 10" in isolated areas of the coastal ranges.

Attachment B

INCIDENT ACTION PLAN
DECEMBER STORM 2014



DECEMBER 10 -11, 2014

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: 2014 Winter Storm 1	2. Operational Period:	Date From: 12/10/2014 Time From: 1900	Date To: 12/11/2014 Time To: 1900															
3. Objective(s): Provide a coordinated response to any storm related call. Prioritize calls based upon life, property and environment. Coordinate with all cooperating agencies to minimize duplication of resources, utilize one resource ordering point, prioritize calls county wide through multiple jurisdictions and agencies, and track resources.																		
4. Operational Period Command Emphasis: Due to predicted rains, heavy winds and strong tidal influences there is an expectation of flooding, debris flows, flash floods, and wind related events. Provide for public safety and identify areas prone to flooding to initiate early evacuations. Use special operations for any water rescue event.																		
General Situational Awareness Moving water is extremely powerful and is often underestimated. Use caution when operating in any flooded areas. Consider water rescue resources for any water rescue situation. Expect trees into power lines and structures. All power lines are to be considered live until PG&E has isolated them. Request US&R operations for any complicated structure damage caused by trees.																		
5. Site Safety Plan Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Approved Site Safety Plan(s) Located at: _____																		
6. Incident Action Plan (the items checked below are included in this Incident Action Plan): <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> ICS 203</td> <td><input type="checkbox"/> ICS 207</td> <td style="text-align: right;"><u>Other Attachments:</u></td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 204</td> <td><input type="checkbox"/> ICS 208</td> <td><input type="checkbox"/> _____</td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 205</td> <td><input type="checkbox"/> Map/Chart</td> <td><input type="checkbox"/> _____</td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 205A</td> <td><input type="checkbox"/> Weather Forecast/Tides/Currents</td> <td><input type="checkbox"/> _____</td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 206</td> <td></td> <td><input type="checkbox"/> _____</td> </tr> </table>				<input type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 207	<u>Other Attachments:</u>	<input checked="" type="checkbox"/> ICS 204	<input type="checkbox"/> ICS 208	<input type="checkbox"/> _____	<input checked="" type="checkbox"/> ICS 205	<input type="checkbox"/> Map/Chart	<input type="checkbox"/> _____	<input checked="" type="checkbox"/> ICS 205A	<input type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/> _____	<input checked="" type="checkbox"/> ICS 206		<input type="checkbox"/> _____
<input type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 207	<u>Other Attachments:</u>																
<input checked="" type="checkbox"/> ICS 204	<input type="checkbox"/> ICS 208	<input type="checkbox"/> _____																
<input checked="" type="checkbox"/> ICS 205	<input type="checkbox"/> Map/Chart	<input type="checkbox"/> _____																
<input checked="" type="checkbox"/> ICS 205A	<input type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/> _____																
<input checked="" type="checkbox"/> ICS 206		<input type="checkbox"/> _____																
7. Prepared by: Name: Mark Mills		Position/Title: IC	Signature: _____															
8. Approved by Incident Commander:		Name: Mark Mills	Signature: _____															
ICS 202	IAP Page	Date/Time: 12/10/2014 12:00 AM																

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: 2014 Winter Storm 1		2. Operational Period: Date From: 12/10/2014 Time From: 1900		Date To: 12/11/2014 Time To: 1900	
3. Incident Commander(s) and Command Staff:			7. Operations Section:		
IC/UCs	Mark Mills	Chief	Dave Stasiowski		
		Deputy			
Deputy		Staging Area			
Safety Officer		Branch	Ross Valley Fire		
Public Info. Officer		Branch Director	Dan Mahoney		
Liaison Officer		Deputy			
4. Agency/Organization Representatives:			Division/Group	Fairfax	Arenas
Agency/Organization	Name	Division/Group	San Anselmo	Grasser	
OES	Chris Riley	Division/Group	Ross	Hoggan	
Marin Co. SO	Captain Dave Augustus	Division/Group	Sleepy Hollow	Standfield	
Central Marin PD	Chief Cusimano	Division/Group			
Fairfax PD	Chris Morin	Branch	C o u n t y F i r e		
Ross PD	Erik Masterson	Branch Director	Mark Brown		
		Deputy			
5. Planning Section:			Division/Group	Water Rescue	Kia Pasqualle
Chief		Division/Group	Marin City	Greg Cornett	
Deputy		Division/Group	Woodacre	John Payne	
Resources Unit		Division/Group	Hicks Valley	Jim Boggeri	
Situation Unit		Division/Group	Pt. Reyes	Randy Engler	
Documentation Unit		Branch			
Demobilization Unit		Branch Director			
Technical Specialists		Deputy			
		Division/Group	Tomales	Mark Burbank	
		Division/Group	Throckmorton	Ben Ghisletta	
		Division/Group			
6. Logistics Section:			Division/Group		
Chief		Division/Group			
Deputy		Air Operations Branch			
Support Branch		Air Ops Branch Dir.			
Director					
Supply Unit					
Facilities Unit		8. Finance/Administration Section:			
Ground Support Unit		Chief			
Service Branch		Deputy			
Director		Time Unit			
Communications Unit		Procurement Unit			
Medical Unit		Comp/Claims Unit			
Food Unit		Cost Unit			
9. Prepared by: Name: Mark Mills		Position/Title: IC		Signature: _____	
ICS 203	IAP Page	Date/Time: 12/10/2014 12:00 PM			

ASSIGNMENT LIST (ICS 204)

1. Incident Name: 2014 Winter Storm 1		2. Operational Period: Date From: 12/10/2014 Date To: 12/11/2014 Time From: 1900 Time To: 1900		3. Branch: Ross Division: Station 18 Group: Staging Area:	
4. Operations Personnel:		<u>Name</u>		<u>Contact Number(s)</u>	
Operations Section Chief:		Dave Stasiowski		415-601-9096	
Branch Director:				XXX-XXX-XXXX	
Division/Group Supervisor:				XXX-XXX-XXXX	
5. Resources Assigned:			# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader				
Engine 18	Hoggan	3	415-747-2366		
	Gutierrez				
	Conway				
Engine 23	Popken	2	415-747-2365		
	Van Dyke				
Unit 18	Rosecrans	1	415-747-2365		
6. Work Assignments:					
7. Special Instructions:					
8. Communications (radio and/or phone contact numbers needed for this assignment):					
Name	/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)			
Hoggan	/	Cell – 415-819-6619			
Popken	/	Cell – 415-686-9549			
Rosecrans	/	Cell – 415-847-3654			
	/				
9. Prepared by: Name: Dave Stasiowski		Position/Title: Operations		Signature: _____	
ICS 204	IAP Page	Date/Time: 12/10/2014 1:00 PM			

ASSIGNMENT LIST (ICS 204)

1. Incident Name: 2014 Winter Storm 1		2. Operational Period: Date From: 12/10/2014 Date To: 12/11/2014 Time From: 1900 Time To: 1900		3. Branch: San Anselmo Division: Station 19 Group: Staging Area:	
4. Operations Personnel:		<u>Name</u>	<u>Contact Number(s)</u>		
Operations Section Chief:		Dave Stasiowski	415-601-9096		
Branch Director:			XXX-XXX-XXXX		
Division/Group Supervisor:			XXX-XXX-XXXX		
5. Resources Assigned:			# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader				
Engine 19	Grasser	3	415-601-9090		
	Galli				
	Norienus				
Engine 22	Wilson	2	415-755-8244		
	Birmingham				
Unit 19	Poppe	1	415-279-4686		
6. Work Assignments:					
7. Special Instructions:					
8. Communications (radio and/or phone contact numbers needed for this assignment):					
Name	/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)			
Grasser	/	Cell – 415-328-4514			
Wilson	/	Cell – 415-717-5139			
Poppe	/	Cell – 415-250-5660			
	/				
9. Prepared by: Name: Dave Stasiowski Position/Title: Operations Signature: _____					
ICS 204	IAP Page	Date/Time: 12/10/2014 1:00 PM			

ASSIGNMENT LIST (ICS 204)

1. Incident Name: 2014 Winter Storm 1		2. Operational Period: Date From: 12/10/2014 Date To: 12/11/2014 Time From: 1900 Time To: 1900		3. Branch: Sleepy Hollow Division: Station 20 Group: Staging Area:	
4. Operations Personnel:		<u>Name</u>	<u>Contact Number(s)</u>		
Operations Section Chief:		Dave Stasiowski	415-601-9096		
Branch Director:			XXX-XXX-XXXX		
Division/Group Supervisor:			XXX-XXX-XXXX		
5. Resources Assigned:			# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader				
Engine 20	Standfield	3	415-601-9091		
	Read				
	Creedon				
Engine 362	Dow	2	415-205-2212		
	Drumm				
6. Work Assignments:					
7. Special Instructions:					
8. Communications (radio and/or phone contact numbers needed for this assignment):					
Name	/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)			
Standfield	/	Cell – 415-686-1062			
Dow	/	Cell- 415-497-7823			
	/				
	/				
9. Prepared by: Name: Dave Stasiowski Position/Title: Operations Signature: _____					
ICS 204	IAP Page	Date/Time: 12/10/2014 1:00 PM			

ASSIGNMENT LIST (ICS 204)

1. Incident Name: 2014 Winter Storm 1		2. Operational Period: Date From: 12/10/2014 Date To: 12/11/2014 Time From: 1900 Time To: 1900		3. Branch: Fairfax Division: Station 21 Group: Staging Area:	
4. Operations Personnel:		<u>Name</u>		<u>Contact Number(s)</u>	
Operations Section Chief:		Dave Stasiowski		415-601-9096	
Branch Director:				XXX-XXX-XXXX	
Division/Group Supervisor:				XXX-XXX-XXXX	
5. Resources Assigned:			# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader				
Engine 21	Arenas	3	415-601-9092		
	Hanson				
	Barscoccioni				
Engine 621	Illingworth	3	415-601-9093		
	Jamotte				
	Greenblatt				
6. Work Assignments:					
7. Special Instructions:					
8. Communications (radio and/or phone contact numbers needed for this assignment):					
Name	/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)			
Arenas	/	Cell – 707-225-7476			
Illingworth	/	Cell- 415-497-5137			
	/				
	/				
9. Prepared by: Name: Dave Stasiowski Position/Title: Operations Signature: _____					
ICS 204	IAP Page	Date/Time: 12/10/2014 1:00 PM			

1. Incident Name: December Storms		2. Operational Period: Date From: 12/10/14 Date To: 12/11/14 Time From: 2000hrs Time To: 2000hrs		3.	
4. Operations Personnel: Name _____ Contact Number(s) _____ Operations Section Chief: Chris Martinelli _____ Branch Director: _____ Division/Group Supervisor: Kai Pasquale _____				Branch: _____ Division: _____ Group: Water Rescue Staging Area: _____	
5. Resources Assigned:			# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader				
11B1		6			
11B2		6			
11R8					
11R9					
6. Work Assignments: Responsible for all water rescue calls within the county. All requests for water rescue will go through the Woodacre ECC. Use of the Coastal response plan should be put into place during water rescue events. All water rescue events will be coordinated through operations and the water rescue group supervisor.					
7. Special Instructions; Keep updated on current and predicted weather. Maintain situational awareness. Use caution when operating in flooded or moving water. Consider all power lines live. Use normal communication unless system becomes overloaded. Once system is overloaded use the VHF overlay. V-fire 22 Marine 21A, Marine 22A, and Marine 83A should be used for coastal rescues.					
8. Communications (radio and/or phone contact numbers needed for this assignment): Name/Function _____ Primary Contact: indicate cell, pager, or radio (frequency/system/channel) _____ H5 _____ /Command _____ MERA _____ H4 _____ /TAC _____ MERA _____ CDF TAC 1 _____ /TAC _____ VHF _____					
9. Prepared by: Name: Jeremy Pierce _____ Position/Title: Battalion Chief _____ Signature: _____					
ICS 204		IAP Page _____		Date/Time: 12/9/14 2000hrs _____	

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name: 2014 Winter Storm 1	2. Date/Time Prepared: Date: 12/10/2014 Time: 1200	3. Operational Period: Date From: 12/10/2014 Time From: 1900 Date To: 12/11/2014 Time To: 1900
---	---	---

4. Basic Radio Channel Use:

Zone Grp.	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	TX Tone/NAC	Mode (A, D, or M)	Remarks
F	2	Control	F Group							
F	4	Tac	F Group							
F	5	Command	F Group							
1	2	Command & Control	Comm/OES							
1	9	Tac	VFIRE 24							
1	15	Tac	VTAC 12							

5. Special Instructions:
 Secondary F Talk group – Control F3, Tac F8 / F9
 Command CA CMD

6. Prepared by (Communications Unit Leader): Name: Dave Stasiowski	Signature: _____
ICS 205	Date/Time: 12/10/2014 12:00 AM

MEDICAL PLAN (ICS 206)

1. Incident Name: 2014 Winter Storm 1		2. Operational Period:	Date From: 12/10/2014 Time From: 1900	Date To: 12/11/2014 Time To: 1900			
3. Medical Aid Stations:							
Name	Location	Contact Number(s)/Frequency	Paramedics on Site?				
Station 18	33 Sir Francis Drake Blvd	(415) 453-7434	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Station 19	777 San Anselmo Ave	(415) 258-4686	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Station 20	150 Butterfield Rd	(415) 258-4620	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Station 21	142 Bolinas Rd	(415) 258-4621	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
			<input type="checkbox"/> Yes <input type="checkbox"/> No				
			<input type="checkbox"/> Yes <input type="checkbox"/> No				
4. Transportation (indicate air or ground):							
Ambulance Service	Location	Contact Number(s)/Frequency	Level of Service				
Medic 18(Station 18)	33 Sir Francis Drake Blvd	(415) 446-4440	<input checked="" type="checkbox"/> ALS <input type="checkbox"/> BLS				
Medic 96 (Woodacre)	33 Castle Road Woodacre	(415) 488-4321	<input checked="" type="checkbox"/> ALS <input type="checkbox"/> BLS				
Medic 14 (Corte Madera)	342 Tamalpais Drive	(415)927-5083	<input checked="" type="checkbox"/> ALS <input type="checkbox"/> BLS				
			<input type="checkbox"/> ALS <input type="checkbox"/> BLS				
5. Hospitals:							
Hospital Name	Address, Latitude & Longitude if Helipad	Contact Number(s)/ Frequency	Travel Time		Trauma Center	Burn Center	Helipad
			Air	Ground			
Marin General Hospital	250 Bon Air Road Greanbrea			8 Min	<input checked="" type="checkbox"/> Yes Level: 3	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Kaiser Terra Linda	820 Las Gallinas Ave Terra Linda			8 Min	<input checked="" type="checkbox"/> Yes Level: 3	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
					<input type="checkbox"/> Yes Level: _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes Level: _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes Level: _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. Special Medical Emergency Procedures: Contact dispatch immediately and order appropriate resources. Start medical care with onsite EMT's and Paramedics.							
<input type="checkbox"/> Check box if aviation assets are utilized for rescue. If assets are used, coordinate with Air Operations.							
7. Prepared by (Medical Unit Leader): Name: Arenas Signature: _____							
8. Approved by (Safety Officer): Name: _____ Signature: _____							
ICS 206	IAP Page	Date/Time: Date					

SAFETY MESSAGE/PLAN (ICS 208)

1. Incident Name: 2014 Winter Storm 1	2. Operational Period:	Date From: 12/10/2014 Time From: 1900	Date To: 12/11/2014 Time To: 1900
3. Safety Message/Expanded Safety Message, Safety Plan, Site Safety Plan: Use caution when driving during heavy rains. Slick roadways and standing water can make for dangerous driving conditions. Remember to reduce speeds and turn off engine retarder in the rain. While clearing trees be aware of downed power lines. Water rescue operations are low frequency high risk events. Call for trained personnel for the rescues. All personnel must wear all PPE when operating near water events. Moving water has tremendous power and can move heavy objects quickly. High winds can cause major damage to forested areas. When operating in heavily forested areas with large amounts of debris coming down, do not hesitate to disengage and retreat to safe areas.			
4. Site Safety Plan Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Approved Site Safety Plan(s) Located At:			
5. Prepared by: Name: Mark Mills		Position/Title: IC	Signature: _____
ICS 208	IAP Page	Date/Time: Date	



NATIONAL WEATHER SERVICE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HAZARDOUS WEATHER CONDITIONS

High Wind Warning in effect from December 10, 10:00 PM PST until December 11, 10:00 PM PST
Flash Flood Watch in effect from December 10, 09:00 PM PST until December 12, 04:00 AM PST
 Hazardous Weather Outlook

Fairfax CA

7 Day Forecast

For More Weather Information:
[San Francisco Bay Area/Monterey, CA](#)
[Local Forecast Office](#)

THIS AFTERNOON	TONIGHT	THURSDAY	THURSDAY NIGHT	FRIDAY	FRIDAY NIGHT	SATURDAY	SATURDAY NIGHT	SUNDAY
60%	80%	100%	100%	80%	40%			
Rain Likely High: 63 °F	Heavy Rain Low: 55 °F	Heavy Rain High: 61 °F	Heavy Rain Low: 48 °F	Showers High: 59 °F	Chance Showers Low: 44 °F	Mostly Sunny High: 58 °F	Partly Cloudy Low: 44 °F	Partly Sunny High: 59 °F

Detailed Forecast

This Afternoon	Rain likely, mainly after 5pm. Mostly cloudy, with a high near 63. South southeast wind around 8 mph. Chance of precipitation is 60%. New precipitation amounts of less than a tenth of an inch possible.
Tonight	Rain. Some of the storms could produce heavy rainfall. Low around 55. Breezy, with a south wind 11 to 16 mph increasing to 24 to 29 mph after midnight. Winds could gust as high as 41 mph. Chance of precipitation is 80%. New rainfall amounts between 1 and 2 inches possible.
Thursday	Rain and possibly a thunderstorm. Some of the storms could produce heavy rainfall. High near 61. Breezy, with a south wind 23 to 28 mph decreasing to 15 to 20 mph in the afternoon. Winds could gust as high as 40 mph. Chance of precipitation is 100%. New rainfall amounts between 3 and 4 inches possible.
Thursday Night	Rain and possibly a thunderstorm. Some of the storms could produce heavy rainfall. Low around 48. Calm wind becoming south around 8 mph after midnight. Chance of precipitation is 100%. New rainfall amounts between a half and three quarters of an inch possible.
Friday	Showers and possibly a thunderstorm. High near 59. Calm wind becoming south southwest around 6 mph in the afternoon. Chance of precipitation is 80%. New rainfall amounts between a tenth and quarter of an inch, except higher amounts possible in thunderstorms.
Friday Night	A 40 percent chance of showers. Mostly cloudy, with a low around 44. New precipitation amounts of less than a tenth of an inch possible.
Saturday	Mostly sunny, with a high near 58.
Saturday Night	Partly cloudy, with a low around 44.
Sunday	Partly sunny, with a high near 59.
Sunday Night	A chance of rain. Mostly cloudy, with a low around 46.
Monday	Rain likely. Mostly cloudy, with a high near 58.
Monday Night	Rain likely. Mostly cloudy, with a low around 47.
Tuesday	Showers likely. Mostly cloudy, with a high near 59.

Topographic Click Map For Forecast



Disclaimer Esri. HERE. DeLorme.
 + Requested Location Forecast Area
 Lat/Lon: 37.99°N 122.58°W Elevation: 276 ft

ABOUT THIS FORECAST

Point Forecast: Point Forecast: Fairfax CA
 37.99°N 122.58°W (Elev. 276 ft)
Last Update: 2:40 am PST Dec 10, 2014
Forecast Valid: 2pm PST Dec 10, 2014-6pm PST Dec 16, 2014
[Forecast Discussion](#)

[KML](#) [JSON](#)

RADAR & SATELLITE IMAGES

