

WOODWARD INCIDENT CA-RNP-12009 (PPNF62) IAP Sunday, August 30, 2020



Fatigue

Accumulated (Chronic) Fatigue is defined as fatigue from which normal rest does not produce recovery. Accumulated fatigue is often caused by extended periods of activity with inadequate recovery periods, which results in decreased productivity, compromised immune function, and reduced alertness. Fatigued workers perform poorly, behave carelessly, tolerate greater errors and become inattentive.

Extended fire assignments and long fire seasons often lead to abnormal levels of fatigue in fire fighters.. Fatigue creates an inability to remain focused and distracts individuals from their assigned duties. Divided attention and the diminished capacity to concentrate is a safety hazard that may put you and others at risk.

Recognizing signs of fatigue is critical to avoiding personal injury, lost workdays, and decreased team efficiency. Supervisors must attempt to recognize, pursue, and mitigate symptoms of fatigue. Some signs of fatigue are:

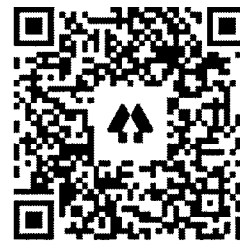
- Decreased motivation and low morale.
- Increased irritability and depression.
- Confused, poor problem solving.
 - Poor abstract thinking
 - Poor attention/decisions
 - Poor concentration/memory
- Altered state of alertness.
- A marked increased or decreased awareness of surroundings.

COVID-19 Hotline (415) 246-4136

Signs of COVID-19

- New loss of smell or taste
- Fever
- Cough, shortness of breath
- Muscle pains/aches, More than normal
- Vomiting/diarrhea

Provides Access to IAP,
Incident maps, Incident
Briefings, Incident
evacuation plans, and
Checkin/Demob
informaton



Woodward Incident Links

Please submit photos and videos to 2020.woodward@fire.net

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INCIDENT OBJECTIVES	1. INCIDENT NAME Woodward	2. DATE 8/29/2020	3. TIME 1930
<p>4. OPERATIONAL PERIOD</p> <p>Values of Concern:</p> <ul style="list-style-type: none"> • Neighboring communities and private residences including Inverness, Pt. Reyes Station, Sea Haven, Olema, Laguna, and park headquarters in Bear Valley, Ranches and Bolinas. • Mountain Vision Communication Site that serves the FAA, Marin County, NPS, and other entities. • High power transmission lines providing power to Novato and the Bay Area. • Highway 1 providing a main thoroughfare. • Many historic, natural, cultural and recreational values within the park including historic buildings and multiple T&E species. • Federally designated wilderness – Phillip Burton Wilderness. • Economic values associated with park partners, concessionaires, ranches and local businesses. <p>Management Objectives:</p> <ul style="list-style-type: none"> • Provide for emergency personnel and public safety at all times through the utilization of a deliberate risk-informed approach, with avenues for feedback from personnel. Also, ensure COVID-19 precautions and best practices are met by following agency, team and county guidance. • Ensure coordinated, timely and accurate release of public information. When possible utilize virtual platforms. • Foster and maintain relationships with the public, cooperators and stakeholders. • Maintain fiscal accountability by making good risk-informed decisions. <p>Operational Objectives:</p> <ul style="list-style-type: none"> • Under the full suppression strategy, utilize direct and indirect tactics to minimize fire size. As feasible, utilize minimum impact suppression tactics in the Phillip Burton Wilderness. • Protect the values of concern identified above by suppressing the wildfire, utilizing point protection of structures when necessary and strategies and tactics which result in minimal impact to resource values. • Identify and utilize primary and alternate containment opportunities considering risk, resource availability, and probability of success. • Cooperating with Marin County Fire Department, refine and further develop a population protection plan for the surrounding communities. <p>Commander's Intent:</p> <p>It is my expectation that we as an organization will meet the following Leader's Intent as well as the above objectives:</p> <ul style="list-style-type: none"> • TASK: Ensure all incident strategies and actions reflect a commitment to public, responder, and aviation safety through using the risk management process as outlined in the IRPG and the aviation risk assessment process. If you cannot mitigate a tactical hazard to an acceptable level of risk, do not implement the corresponding tactical action until such time as the risk can be satisfactorily mitigated before re-engaging. Ensure that Commanders intent is clearly communicated and understood. PURPOSE: To manage risk in all incident actions. END STATE (Outcome): No serious illnesses, injuries or deaths. • TASK: Coordinate incident management activities with our requesting and cooperating agencies including but not limited to suppression actions and support needs. PURPOSE: To ensure incident management activities are aligned with the overall goals and direction provided by the requesting and cooperating agencies. END STATE (Outcome): The mission assignment is resolved to the satisfaction of requesting and cooperating agencies. • TASK: Coordinate closely with resource advisors, or designated agency representative, on all operational activities. PURPOSE: To ensure that suppression impacts to natural and cultural resources are kept to a minimum. END STATE (Outcome): To the greatest extent feasible, resource values have received no detrimental impacts. • TASK: Treat all incident personnel, cooperators, and local publics with dignity and respect creating a "no tolerance" atmosphere for harassment, alcohol, or illegal drug use. PURPOSE: To create an environment that is based on solid relationships and is conducive to efficient accomplishments. END STATE (Outcome): All people associated with the incident felt valued and were able to contribute to a positive outcome in the management of the incident. 			
8. Attachments: SEE ATTACHED			
9. PREPARED BY (PLANNING SECTION CHIEF) <i>IS/ Jane Ingebretson</i>	10. APPROVED BY (INCIDENT COMMANDER) <i>IS/ Doug Turman</i>		

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: Woodward		2. Operational Period: Date From: 8/30/2020		Date To: 8/31/2020	
		Time From: 0800		Time To: 0800	
3. Incident Commander(s) and Command Staff:			7. Operation Section:		
IC/UC's	Doug Turman, Scott Schuster (T), Aaron Thompson (T)	Operations	Mike Granger, Brandon Cichowski, Joey Gallion (T), Bret Lewis (T)		
Deputy	Wally Bennett	Deputy Operations			
Safety Officer	Dan LeCrone, Gerald Vickers, Shannon Bowman	Night Ops	Tom Cable		
Information Officer	Mary Rasmussen, Kimberly Nelson (Virtual)	Staging Area			
Liaison Officer	Cornie Hudson, Licette Hammer (T), Jason Brey (T)	Branch	I	Eric Kurtz, Greg Campbell (T)	
Covid Taskforce		Division/Group	C	Jonathan Clark, Nick Chavira (T)	
LOFR	Anna Stull	Division/Group	E	Kevin Beck	
Medical Advisor	Dr. Henry Sebold	Division/Group	Z	Keith Kelley	
Safety Officer	Todd Payne				
4. Agency/Organization Representatives:					
Agency/Organization	Name				
NPS	Dan Foster				
Point Reyes National Seashore Park Sup	Carey Feierabend				
MRN Line Officer	Jason Weber				
Marin County OES	Woody Baker-Cohn	Branch	II	Don Sorensen, Jess Register (T)	
Marin County Sheriff	Brenton Schneider	Division/Group	T	Jonathan Moore	
DPW	Michael Frost	Division/Group	W	Darren Bridges, Jacob Miller (T)	
CHP		Group	VEDANTA CONTINGENCY	Bret Lewis, Graham Groneman	
Bolinas Fire	George Krakauer				
Inverness Fire	Jim Fox	Branch	Structure	Roger Goldman, Chris Johnson (T)	
Marin H&HS	Dr. Lisa Santora	Division/Group	Group	Kirk Kraft, Todd Overshiner	
Marin Humane	Cindy Machado				
PG&E	Jim Wickham				
5. Planning Section:		Branch	Night		
Chief	Trini Garrison, Jane Ingebretson	Division/Group	Night	Dale Schmidt	
Resource Unit	Garrett Schairer, Cody Lamb (T)				
Situation Unit	Valentijn Hoff, Andy Reed (T)				
Resource Adviser	Cedar Drake				
Demobilization Unit	Rebecca Bulls				
LTAN	Tim Bumgarner				
GIS Unit	Steve Snell, Mike Assenmacher (T), Jessica Zarate (T) (Virtual)				
Fire Behavior	Warren Appelhans, Jon Trapp				
Meteorologist	Jeremy Michael				
Air Resource Advisor	Jenny Perth				
Status/Check In	Rita Bennett (T)	Air Operations Branch		Director: Lori Clark	
ITSS	Steve Simon, Dennis Schultz, Geri Mason (Virtual)	Air Support Group Supervisor		Laura Barrett, Kyle Stump (T)	
Training Specialist	Brad Smith (Virtual)	Helibase Manager			
HRSP	Debby Hassel (Virtual)				
6. Logistics Section			8. Finance/Administration Section:		
Chief	Ruth Lewis, Harv Skjerven, Ryan Pitts (T)	Chief	Sarah Lee, Deanna Crawford (T)		
Supply Unit	Steve Blatt	Time Unit	Claire Wood (T); Ryan Patrick (T) (Virtual)		
Facilities Unit	Shawn Heinert	Procurement Unit			
Ground Support Unit	Don Despain, Charles Long (T)	Comp/Claims Unit	Suzanne Vernon, Erin Lally (T)		
Communications Unit	Kary Mavencamp, John Beck (T)	Cost Unit	Colin Sorenson (Virtual)		
Medical Unit	Terry Stevenson				
Food Unit	Heather Mclean				
Prepared By: Name:	Trini Garrison, Jane Ingebretson	Position/Title:	PSC	Signature:	<i>Trini Garrison</i>
ICS 203		Date/Time:	8/29/2020	2300 hours	NIMS IAP



Woodward Fire Weather Forecast



FORECAST NO: 6
PREDICTION FOR: Sunday Day/Night
SHIFT DATE: 8/30
FORECAST ISSUED: 8/29/2020 at 2000

NAME OF FIRE: Woodward
UNIT: CA-RNP
SIGNED: Jeremy Michael
Incident Meteorologist

WEATHER DISCUSSION: The marine layer is hovering near ridgetops this morning. Expect very similar conditions to yesterday with marine/stratus erosion beginning around Division Echo/Tango around 1100 hrs. There could be a little more clearing for a couple hours later this afternoon in northern Division Whiskey. Elsewhere across the fire, the marine layer will remain in place. Monday appears to be a transition day as strong high pressure builds into the region. This will lead to a gradual squashing of the marine layer, which will result in gradual warming and drier RH. The marine layer will also erode sooner with some drying on ridgetops each evening and night.

WEATHER FORECAST SUNDAY:

WEATHER: Stratus/fog in the morning, especially near the coast. Sunny skies where marine layer erodes.

TEMPERATURES: Highs 56-62 near the coast/ridges and 65-71 inland.

HUMIDITY: 80-95% near the coast and 55-70% inland.

20 FT WINDS: Terrain driven/light in the morning. South to south-southwest 4-9 mph, gusts up to 17 mph.

MARINE LAYER DEPTH/TIMING: Around 1100-1300 ft. Eroding in Div. Echo/Tango 1100-1200 hrs. The rest of the fire should remain under the marine layer the entire day.

SUNDAY NIGHT:

WEATHER: Clear, dry, and somewhat warm above the inversion, with fog/stratus below.

TEMPERATURES: 51-59 degrees.

HUMIDITY: Valleys and coast: 90-100%. Ridgetops: Could drop as low as 45%.

20 FT WINDS: Southwest to west 5 mph, gust to 10 mph across ridges. Lighter winds under inversion.

MARINE LAYER DEPTH/TIMING: Around 900-1100 ft, moving in between 1900-2100 hrs.

EXTENDED FORECAST: Marine layer constant until Mon, shallower the rest of the week. Warmer and drier weather.

MONDAY AND MONDAY NIGHT: Marine layer 900 ft eroding around 1100 hrs. Max temps 62-72°F. Min RH 50-60%. Higher RH near coast. Generally south 4-8 mph, gusts to 17 mph. Min Temps 53-63°F. Max RH valleys 90-100% and ridgetops above marine layer 40-60%

TUESDAY AND WEDNESDAY: Marine layer shallower by Tuesday. Highs 60s/70s with Min RH 45-65%. Marine layer around 500 ft. Overnight lows 54-64°F with max RH 85-95% valleys/coast and 40-60% ridgetops. Favoring southerly Tuesday, increasing and switching out of the northwest with breezy conditions possible.

Location Definitions: Inland = Div. Echo and Tango, northern Div. Charley and northern Div. Whiskey.
Coast = Div. Zulu, southern Div. Whiskey and southern Div. Charley.

Please submit observations to IMET/FBAN or text observations to (304) 886-2331

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: #8

TYPE OF FIRE: Wildland Fire

FIRE NAME: Woodward

OPERATIONAL PERIOD: Day 08/30/2020

DATE ISSUED: 8/29/2020

TIME ISSUED: 2000

UNIT: Point Reyes National Seashore

SIGNED: /S/ Jon Trapp (FBAN)

INPUTS

WEATHER SUMMARY:

****See attached Fire Weather Forecast****

OUTPUTS

FIRE BEHAVIOR

GENERAL:

*** This forecast is mostly the same as yesterday as the weather and fuels will be similar ***

Factors that contribute to increased fire activity: 1) **Dissipation of the marine layer** 2) Look for slopes where sunlight penetrates to the ground and start heating fuels. 3) Pay attention to the division hourly weather observations – Fire activity has been picking up when RH is below 50%. 4) Watch for wind and slope alignment.

Timber fuels: If the marine layer clears, expect short crown runs in the timber with spotting distances of half a mile. Unburned pockets will continue to burnout in the interior and produce spot fires. 1,000 hour and 100 hours fuels are ready to burn with ERC is at record high for the area.

Shrub fuels: If the marine layer clears, fire will move faster in shrub and grass fuel types. One hour fuels will become available to burn quickly after marine layer clears.

SPECIFIC:

DIVS T/E: Fire activity can pick up quickly if the marine layer clears and RH drops. SW winds will be pushing a flanking/head fire, with Rates of Spread up to 24 Chains per Hour with 11 foot Flame Lengths in understory fuels. Probability of Ignition: 30-40%

DIVS W/C/Z: Expected to remain under the marine layer throughout the operational period.

Structure Protection Group: If main fire gets into the canopy, SW winds can carry fire embers up to half a mile toward area with structures. Listen for coms indicating torching activity.

AIR OPERATIONS:

Stay alert to the various air operations that could be overhead – buckets, PSD, scoopers, retardant, etc.

SAFETY

Weather pattern has been persistent, but don't get complacent. Continue to watch for factors that will contribute to increased fire activity. Report increased fire activity to other resources on your division.

SAFETY MESSAGE

Woodward Fire

August 30, 2020

Fatigue

Accumulated Fatigue often caused by long periods of stress with inadequate recovery periods. Been a long fire season especially in California add dealing with Covid since February and adjusting life styles the stress and work load has been here for some time.

Indicators

- ✓ Decreased motivation
- ✓ Increased Irritability
- ✓ Trouble with concentration/attention

Mitigation

- Take periodic rest breaks
- Eat well- balanced meals
- Hydrate
- Try to get adequate rest

Mop up and roll out

One of the 5 common denominators on tragedy or near miss fires is fires innocent in appearance then when fire weather and fire behavior come together causes a sudden flare ups or extreme fire behavior even in the mop-up stage.

Steep slopes out there and dynamics have changed. Things that have been holding material in place have burned away and rocks, logs, trees are coming down

Let's keep our head in the game, ear to the radio, and eyes all around

If you hear something say something

Turman's Safety Team Northern Rockies Safety Team 2

DIVISION ASSIGNMENT LIST				1. Branch I		2. Division C		
3. Incident Name Woodward				4. Operational Period Date: 8/30/2020 Time: 0800 - 0800				
5. Operations Personnel								
Operations		Mike Granger, Brandon Cichowski, Joey Gallion (T), Bret Lewis (T)			Division Supervisor		Jonathan Clark, Nick Chavira (T)	
Branch Director		Eric Kurtz, Greg Campbell (T)			Safety Officer		Dan LeCrone, Gerald Vickers, Shannon Bowman	
6. Resources Assigned this Period								
Strike Team/ Task Force/ Resource Designator		Order for	14 th Day	21 st Day	30 th Day	Leader	Number of persons	Comments
C-7 CRW MRN TAM 3						WATSON, MATTHEW	12	
C-29 HC1 SILVER STATE IHC			9/3			KELLY, KEVIN	22	
C-30 HC1 REDDING IHC			9/11			MALLIA, DAN	18	
E-76 DOZ2 UPPER VALLEY CONTRACTING			9/3			OLSON, GARRETT	2	
E-127 WT1 JACKSON VALLEY 6140			9/11			MAKEMSON, RANDY	2	
O-72 EMPF MEDIC			9/4			O'CONNOR, JAMES	1	
O-11.62 SOF2 LOVAN			9/4			LOVAN, STAN	1	
O-89 REAF SULLIVAN			9/10			SULLIVAN, CHRISTINE	1	
O-146 REAF REHLAENDER			9/2			REHLAENDER, WENDE	1	
O-159 REAF KEELER			9/11			KEELER, KEVIN	1	
O-162 ARCH WRIGHT			9/11			WRIGHT, JASON	1	
6. Control Operations/Work assignments: Task: Hold and improve control lines on DIV-C to the DIV-Z break. Continue to support crews with hose lay to help secure slop overs. Maintain situational awareness to provide for firefighter safety throughout the shift. Purpose: Minimize the fire spread and protect the population along with private and public property by stopping the spread of fire north/west into populated areas. End State: The fire is contained by adequate control lines. All responders safely returned from their assignments. Injuries to the public and responders were minimized. Community and the regional economy returned to normal. Infrastructure remains intact.								
7. Special Instructions: Channels 3 & 4 are programmed but not active...do not use. C-7 CRW MRN TAM3 designated as lighting crew.								
9. Division/Group Communication Summary								
See Communications Plan								
Prepared by (Resource Unit Leader) <i>Cody Eul RESC (T)</i>		Approved by (Planning Section Chief) <i>Kevin Miller (PS207)</i>			Date 8/29/2020		Time 2000	

DIVISION ASSIGNMENT LIST		1. Branch I			2. Division E		
3. Incident Name Woodward		4. Operational Period Date: 8/30/2020 Time: 0800 - 0800					
5. Operations Personnel							
Operations		Mike Granger, Brandon Cichowski, Joey Gallion (T), Bret Lewis (T)			Division Supervisor		Kevin Beck
Branch Director 3616C		Eric Kurtz, Greg Campbell (T)			Safety Officer		Dan LeCrone, Gerald Vickers, Shannon Bowman
6. Resources Assigned this Period							
Strike Team/ Task Force/ Resource Designator	Order for	14 th Day	21 st Day	30 th Day	Leader	Number of persons	Comments
C-16 HC2IA PA-PAS ANTHRACITE		9/4			BAKER, ANDREW	20	
E-1 STC KNF 3600C		9/3			LECKNESS, MIKE	27	5 Type 3 Engines
E-131 S/T LNF 3616C		9/11			MAYER, DEBBIE JOHNSON, JOE	26	5 Type 3 Engines
E-20 WT1 MRN 1592		9/1			PUCHIR, MARK	2	
E-63 CHIP DUSTIN BROWN		9/10			WITHERS, DENNIS	2	
O-11.62 SOF2 LOVAN		9/4			LOVAN, STAN	1	
O-89 REAF SULLIVAN		9/10			SULLIVAN, CHRISTINE	1	
O-146 REAF REHLAENDER		9/2			REHLAENDER, WENDE	1	
O-159 REAF KEELER		9/11			KEELER, KEVIN	1	
O-162 ARCH WRIGHT		9/11			WRIGHT, JASON	1	
6. Control Operations/Work assignments:							
Task: Continue improving completed dozer line with hand crews from the Horse Trail to Limantour Road. Continue to improve all control lines for firing operations.							
Purpose: To minimize the fire spread and protect the population along with private and public property by stopping the spread of fire north into populated areas.							
End State: The fire is contained by adequate control lines. All responders have safely returned from their assignments. Injuries to the public and responders were minimized. The community and the regional economy returned to normal. Infrastructure remains intact.							
7. Special Instructions:							
Identify potential medical evacuation spots and clear with air ops.							
Channels 3 & 4 are programmed but not active...do not use.							
9. Division/Group Communication Summary							
See Communications Plan							
Prepared by (Resource Unit Leader) <i>Corey C. RES (T)</i>		Approved by (Planning Section Chief) <i>Scott Miller (PSC201)</i>			Date 8/29/2020		Time 2000

DIVISION ASSIGNMENT LIST			1. Branch II			2. Division T		
3. Incident Name Woodward			4. Operational Period Date: 8/30/2020 Time: 0800 - 0800					
5. Operations Personnel								
Operations		Mike Granger, Brandon Cichowski, Joey Gallion (T), Bret Lewis (T)			Division Supervisor		Jonathan Moore	
Branch Director		Don Sorenson, Jess Register (T)			Safety Officer		Dan LeCrone, Gerald Vickers, Shannon Bowman	
6. Resources Assigned this Period								
Strike Team/ Task Force/ Resource Designator	Order for	14 th Day	21 st Day	30 th Day	Leader	Number of persons	Comments	
C-21 CRW21A FIRESTORM 1		9/3			LOWE, GRAHAM	18		
A-11 CHESTER HELITAK					HUTCHINSON, JOSH	5		
E-3 T/F XMR 2141		9/5			DAGUE/ILLINGWORTH	22	2 T3 / 3 T1 engines	
E-99 ENG6 B&B FIRE E-75		9/9			BAILEY, TIM	3		
E-100 ENG6 DIAMOND 628		9/9			WESLEY, TOM	3		
E-103 ENG6 LITTLE PEND ORIELLE E-561		9/9			SCHNEIDER, RUSSELL	3		
E-101 ENG6 HI COUNTRY 1030		9/9			CONGER, JOHN	3		
E-95 ENG6 BIG STATE 65		9/9			MARTIN, TYLAND	3		
E-102 ENG6 J3 ENGINE 10		9/9			STIGEN, ROBERT	3		
E-94 ENG4 TOWER MN 828		9/11			KUIKEN, TYLER	4		
E-97 ENG6 TWIN LAKES MI 56		9/11			BILBEY, LESLIE	2		
E-2 DOZ2 EMERSON		9/4			COOK, KEVIN	2		
E-19 W/T2 SNB 890		9/1			BISSON, TOBY	2		
O-19 TFLD WATERS		9/4			WATERS, JECOBIE	1		
O-152 FMOD PAC. RIDGELINE		9/11			COATES, BRIAN	2		
O-91 SOF2 TESAR		9/7			TESAR, CHRIS	1		
O-161 REAF REINER		9/10			REINER, DAPHNA	1		
O-162 ARCH WRIGHT		9/10			WRIGHT, JASON	1		
6. Control Operations/Work assignments:								
<p>Task: Ensure hazards are identified and mitigated prior to engaging in all actions. Hold fire west of Bear Valley Trail and visitor center. Mop up along Bear Valley Trail. Continue burn out operations to T/E break.</p> <p>Purpose: Keep fire west of Bear Valley Trail and provide containment line to protect structures around the Point Reyes Visitor Center.</p> <p>End State: Fire is contained to the west of Bear Valley Trail and along dozer line to DIV T/E break. Values are protected at the Point Reyes Visitor Center.</p>								
7. Special Instructions:								
<p>Watch Outs: Poison oak and poison sumac. Working around machinery. Use caution on narrow, windy roads. Steep, rugged terrain. Drought stressed trees with snags in fire area. Maintain Situational awareness and ensure LCES.</p> <p>Channels 3 & 4 are programmed but not active...do not use.</p>								
9. Division/Group Communication Summary								
See Communications Plan								
Prepared by (Resource Unit Leader) <i>Cody K. RESC (T)</i>			Approved by (Planning Section Chief) <i>David [Signature]</i>			Date 8/29/2020		Time 2000

DIVISION ASSIGNMENT LIST			1. Branch II		2. Division W		
3. Incident Name Woodward			4. Operational Period Date: 8/30/2020 Time: 0800 - 0800				
5. Operations Personnel							
Operations		Mike Granger, Brandon Cichowski, Joey Gallion (T), Bret Lewis (T)			Division Supervisor		Darren Bridges, Jacob Miller (T)
Branch Director		Don Sorenson, Jess Register (T)			Safety Officer		Dan LeCrone, Gerald Vickers, Shannon Bowman
6. Resources Assigned this Period							
Strike Team/ Task Force/ Resource Designator	Order for	14 th Day	21 st Day	30 th Day	Leader	Number of persons	Comments
STG MRN 9151G					GILBERT, CHRIS	1	
TFC 1					GILBERT/BABIN	14	
TFC 2					TRIBULET/MASSUCCA	14	
C-9 CRW2 3B'S FORESTRY INC		9/4			MARLOW, MICHAEL	20	
C-8 CRW2 PACIFIC OASIS INC.		8/30			PINDELL, ZANE	20	
O-91 SOF2 TESAR		9/7			TESAR, CHRIS	1	
O-97 EMPF MEDIC		9/1			BUI, CALVIN	1	
O-161 REAF REINER		9/10			REINER, DAPHNA	1	
O-162 ARCH WRIGHT		9/10			WRIGHT, JASON	1	
O-153 FMOD PAC. RIDGELINE		9/11			HOLSTAD, SAM	2	
6. Control Operations/Work assignments: Task: Burn out Bear Valley TR from DP 15 to DP10. Continue mop up and monitoring on direct handline from Coast Trail to Baldy Trail. Monitor for spot fires and slopovers between Coast Trail and Baldy TR and along Bear Valley TR. Mitigate snags that may compromise line. Purpose: Prevent fire from crossing Bear Valley Trail and spreading to the south. Continue mop up along hand line End State: Keep fire contained along handline from Coast TR to Baldy TR, Baldy TR to DP15 and along Bear Valley Trail from DP15 to DP10 and protect values in the park.							
7. Special Instructions: Watch Outs: Poison oak, poison sumac, stinging nettle, bees. Heightened awareness for fire weakened snags and draught stressed trees throughout the fire area, along hand line and Bear Valley TR. Working around machinery and felling operations. Use caution on narrow, windy roads. Steep, rugged terrain. Maintain Situational Awareness and ensure LCES. Channels 3 & 4 are programmed but not active...do not use. STG MRN 9151G designated as lighting crew							
9. Division/Group Communication Summary							
See Communications Plan							
Prepared by (Resource Unit Leader) <i>Codey E. Reese (T)</i>			Approved by (Planning Section Chief) <i>Scott</i>			Date 8/29/2020	Time 2000

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1. INCIDENT NAME: Woodward	2. OPS PERIOD DATE: 08/30/2020	START TIME: 0800	END TIME: 2000	(Petalumna) SUNRISE: 0638	SUNSET: 1942
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3. Risk Assessment Mitigations, Special Instructions, and Remarks:
Hazards: Visibility – smoke and marine fog Mitigation: Ensure visibility is within acceptable limits to safely conduct flight operations
HAZARD: External loads (water bucket) over high traffic routes (Hwy 101); discuss best options for safest routes & potential off-helispot locations for bucket attachment
Situational Awareness: good planning is essential to stay ahead of the game. If needed, take a pause, re-evaluate and re-align.
SPECIAL INSTRUCTIONS for SUNRISE/SUNSET: Smokey conditions will decrease visibility; aviation operations will terminate at sunset (use last ½hr for RTB--exceptions allowed—managers must communicate intent)
With the "One Module concept" for COVID mitigation – Communication is critical. Attend Zoom Briefing daily at 0700; contact AOBD or ASGS with any follow-up questions

4. READY ALERT
MEDEVAC A/C
H-551 short haul/rappel capable

5. TFR: # 07637 AREA BOUNDED BY
 380552N/1225713W (POINT REYES VOR/DME PYE268004.2) TO 380925N/1225042W (POINT REYES VOR/DME PYE356004.8) TO 380540N/1224243W (POINT REYES VOR/DME PYE066007.4) TO 380056N/1224058W (POINT REYES VOR/DME PYE097009.6) TO 375628N/1224611W (POINT REYES VOR/DME PYE134009.5) TO POINT OF ORIGIN SFC-7000FT
 Frequency: 125.5250
https://tfr.faa.gov/save_pages/notam_actual_0_7637.html

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	type	Freq.	8. FIXED-WING Avail/ Type/ Make-Model/ N#
AOBD	Lori Clark	406.370.1710	TFR	AM	125.5250	AIRTANKERS- Order through Air Attack
Deputy AOBD	Laura Barrett	208-983-8154	FW Air Tactical	FM TXRX	170.3875	CL 415 (2 @ Santa Rosa) • CL 415 Manager: JR Sullivan: 210-396-3304
ASGS -1	Kyle Stump	208-816-3141	RW Air Tactical	AM	132.725	HLCO Platform: N839PA
HEB1	On Order - Critical		AG Primary	FM TXRX	166.9375	
			AG Secondary	FM RX/TX	166.600	
ATGS	John Pollard (199KQ)	208-661-7706	CALCORD (California On-Scene Coordination Frequency)	FM RX/TX	RX:156.0750 Tone: T6-156.7 TX: 156.0750	ATGS AIRCRAFT: Kodiak 100; N199KQ Order relief through Woodacre ECC 415-473-6717 E-Mail Costs to: 2020.woodward.finance@firenet.gov or colin.sorenson@firenet.gov
HLCO	Travis Will	208-841-1898				Helibase Records: petalumabhb@gmail.com ** password protected
Helibase: Satellite Base:	Petaluma (069) Gness Field (KDVO)	707-775-9816				All Maps/IAPs found on the ftp site. Water Tender: Contact Petalumna HB for A/C wash needs VISIBILITY CAMERAS: http://www.alertwildfire.org/northbay/?camera=Axis-Vision
UAS Operator	Joe Suarez	559-285-9128	Air Guard	FM RX/TX	168.625	*Aerial Ignition Plan (MASP) approved for use of helicopter or UAV for PSD operations
HMGB-721HT	Burl Wade	208-596-7487				
HMGB -720HT	Jael Constantino	619-536-3480				
HMGB -H-510	Tyler Williams	530-592-8859	Chester HT			
HMGB -205GH	Joe Rodriguez	707-900-1691				
HMGB -H-551	Heather Wonenberg	209-347-7546	Yosemite HT			

9. HELICOPTERS (Assigned)

FAA N#	TY	MAKE/ MODEL	BASE	AVAIL	REMARKS	FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	REMARKS
721HT	1	Sikorsky - CH54B	Petaluma	0900	Tanked	N392AC		CL-415	Santa Rosa	1000	T-261 (Scooper)
720HT	1	Sikorsky CH54B	Petaluma	0900	Tanked	N386AC		CL-415	Santa Rosa	1000	T-262 (Scooper)
212BT	2	Bell 212HP	Petaluma	0900	Bucket; Call sign H-510	UAS					
205GH	2	UH1H	Gross Field	0900	Tank/Bucket	UR335	3	Matrice 600	Reyes Point Station	0700	IR, Mapping, PSD
N551HQ	2	Bell 205	Gross Field	0900	Call sign H-551; Short haul capable/ bucket	HCLO					
						N386PA	3	AS350B3	Petaluma	0900	ETA 1300 8/30

9.a Other Aircraft

ICS 220 Continued

10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.											
		Aircraft	NAME OF PERSONNEL OR CARGO (if applicable) or instructions for tactical aircraft		MISSION START	FLY FROM	FLY TO				
All Helicopters			Water Drops as requested								
UAS			Mapping/IR/PSD as requested								
TBD			Aerial Ignition - PSD								
Helibase/Helisports/ dipsties											
Location NAME		LATITUDE	LONGITUDE	Elevation	HIGE/HOGE	REMARKS / HAZARDS					
BEAR VALLEY HELISPOT		38° 2.326'	122° 47.95'	40'	HOGE	@ VISITORS CENTER					
H1		38 02.41'	122 49.65'	1065'	HOGE	N SIDE OF FIRE					
DP 10		38 01.15'	122 48.05'	420'	HOGE						
TRIANGLE		38 06.65'	122 46.42'	743'	HOGE	Freshwater dipstie E of fire					
GREEN		38 03.89'	122 47.96'	541'	HOGE	Freshwater dipstie E of Ck Dip					

INCIDENT RADIO COMMUNICATIONS PLAN

1. Incident Name: **WOODWARD** 2. Date/ Time Prepared: **8/29/2020 1930** 3. Operational Period Date/Time: **8/30/2020 to 8/31/2020 0600-0600**

Mode: W=Wideband Analog, N=Narrowband Analog, D=Digital, M=Mixed

Channel	DISPLAY	Frequency	Tone	Mode	Assignment	Remarks
1	PRNSS LTH	Rx 171.1625 Tx 164.0875	110.9	N	DIV C/Z/W	LIGHTHOUSE
2	PRNSS BRN	Rx 169.7125 Tx 162.1625	110.9	N	DIV T/E	MT BARNABE
3	CMD 1	Rx 169.7500 Tx 167.1000	167.9	N	UNASSIGNED	**NOT ACTIVE**
4	CMD 2	Rx 167.9125 Tx 164.8125	167.9	N	UNASSIGNED	**NOT ACTIVE**
5		Rx Tx				
6	TAC 1	Rx 168.0500 Tx 168.0500	167.9	N	DIV C	NIFC TAC 1
7	TAC 2	Rx 168.6000 Tx 168.6000	167.9	N	DIV E	NIFC TAC 3
8	TAC 3	Rx 166.7250 Tx 166.7250	167.9	N	STRUCTURE/NIGHT	NIFC TAC 5
9	TAC 4	Rx 166.7750 Tx 168.2500	167.9	N	DIV Z/T	NIFC TAC 6
10	TAC 5	Rx 168.2500 Tx 168.2500	167.9	N	DIV W/Vedanta Contingency	NIFC TAC 7
11		Rx Tx				
12		Rx Tx				
13	A/G PRIMARY	Rx 166.9375 Tx 166.9375	NONE	N	ALL DIVS	AIR TO GROUND
14	A/G SECONDARY	Rx 166.6000 Tx 166.6000	NONE	N	ALL DIVS	AIR TO GROUND
15	CALCORD	Rx 156.0750 Tx 156.0750	156.7	N	ALL DIVS	
16	AIRGUARD	Rx 168.6250 Tx 168.6250	NONE	N	ALL DIVS	Emergency Air Contact
17		Rx Tx				
18		Rx Tx				
19		Rx Tx				
20	AIRGUARD	Rx 168.6250 Tx 168.6250	NONE	N	ALL DIVS	Emergency Air Contact

5. Prepared by (Communications Unit): **Kary Mavencamp, COMIL** CONTROLLED UNCLASSIFIED INFORMATION

MEDICAL PLAN (ICS 206 WF)

Controlled Unclassified Information//Basic

1. Incident/Project Name	2. Operational Period
WOODWARD FIRE	8/30/20 0800 - 0800

3. Ambulance Services				
Name	Address	Phone	Advanced Life Support (ALS)	
			Yes	No
P-24 NorCal ALS	Staging Red Barn-Incident Ambulance	Command	Yes	
Marin County Fire M94	4 th and B. Pt Reyes CA	415-473-6717	Yes	
Marin County Fire M96	33 Castle Rock, Woodacre, CA	415-473-6717	Yes	
Marin County Fire M97	32 Belvedere Ave. Stinson Beach, CA	415-473-7235	Yes	

4. Air Ambulance Services		
Name	Phone	Type of Aircraft & Capability
REACH 1	800-252-5050	Sonoma County Airport, 2200 Airport BLVD, Santa Rosa
HENRY 1	707-565-22121	Sonoma County Airport, 2200 Airport BLVD, Santa Rosa

5. Hospitals								
Name Complete	GPS Coordinate Standard		Travel Time		Phone	Helipad		Level of care Facility
	Lat:	Long:	Air	Gnd		Yes	No	
JOHN MUIR HEALTH Walnut Creek, CA	37' 56 .8682	122' 32 .1681	Min.	Min.	925-939-5800	Yes	<input type="checkbox"/>	Level 2
			15	50		■		
SANTA ROSA MEMORIAL Santa Rosa, CA	38' 5 .9618	122' 33 .5887	Min.	Min.	707-525-5300	Yes	<input type="checkbox"/>	Level 2
			15	45		■		
UC DAVIS MEDICAL CENTER Sacramento, CA	38' 0 .2621	122' 33 .2501	Min. ²²⁰	Min	9167342011	Yes	<input type="checkbox"/>	Level 1
				90		■		

<p>1. YOU: Assign somebody to care for the victim to the best of their ability.</p> <p>2. Radio: Woodward Communications</p> <p>3. Initiate 8 Line in your IAP or IRPG</p> <p>4. Severity; RED, Yellow, Green</p> <p>5. Briefly describe emergency.</p> <p>6. State exact location.</p> <p>7. If you think that the victim may need AIR EVAC, ask for it.</p>	<p>1. DIVISION or TFLD: Designate Incident Commander of Incident Within an Incident-ICIWI to take command.</p> <p>2. Initiate 8 Line Incident Report in IAP or IRPG.</p>	<p>1. MEDICAL: Div. Medic, go to site Assume patient care Communicate with ICIWI.</p>	<p>1. HELIBASE: Consider launching to site based on patient and size-up. Paramedic with ALS equipment Staging at Heli Base.</p>
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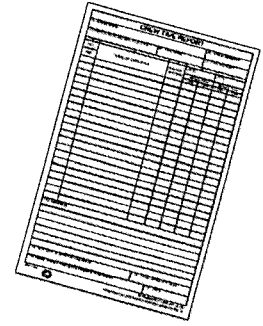
7. Name & Location	Remote Camp Location(s)		
8. Prepared By (Medical Unit Leader) Terry Stevenson	9. Date/Time 8/30/20	10. Reviewed By (Safety Officer) Dan Le Crone, Gerald Vickers	11. Date/Time 8/30/20

Woodward fire ICP

Phone List

SAFETY	415-488-4067
OPERATIONS	415-488-4029
AIR OPERATIONS	415-488-4032
DEMOB	415-488-4023
PLANS	415-488-4027
CHECK-IN	707-775-8380 / 415-488-4051
FINANCE	415-488-4048
ICP	415-488-4045

HOW TO SUBMIT YOUR TIME



Resources have three options:

1. Fill out your CTR/Shift Ticket, have your supervisor sign it, and Division will forward it to Planning Ops who will give it to Finance.
2. Fill out your CTR/Shift Ticket, have your supervisor sign it, take a picture of it, and email it to Finance with the word **Time** in the subject line: 2020.woodward.finance@firenet.gov.
3. Fill out an electronic CTR/Shift Ticket, email it to your supervisor to sign, and then email it to Finance with the word **Time** in the subject line: 2020.woodward.finance@firenet.gov.

Include a contact email and cell phone in the remarks!

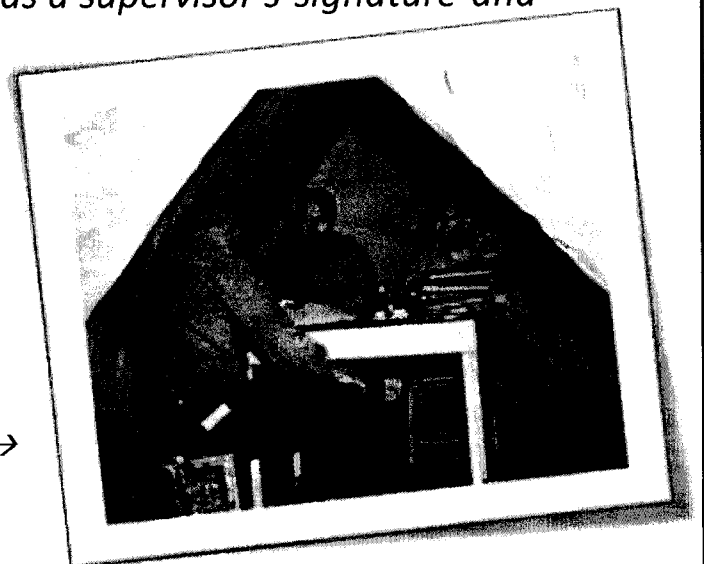
Please do not wait to turn in your time. We never know when resources could be moved to a higher priority fire and that will really slow down the reassignment process. We want to make this as smooth as possible for you.

Note: Ensure your CTR or Shift ticket has a supervisor's signature and shows meal breaks.

Thank you,

Your Finance Section

Picture of Poverty Flats Finance Section 1961 - →



Woodward Fire Resource Advisor Message

WHENEVER POSSIBLE:

- ❑ Employ Minimal Impact Strategies and Tactics (MIST) when conducting operations in the Phillip Burton Wilderness.
- ❑ Avoid cutting any trees greater than 18 inches diameter at breast height or wildlife trees with large cavities or deformities
- ❑ Avoid bucket drops in freshwater ponds, wetlands, and streams

Consult with Fireline Resource Advisors (REAFs) before:

- ❑ working in an area flagged off with sensitive resource flagging
(yellow + red-polka dots)
- ❑ conducting fire operations in known noxious weed infestations
- ❑ transporting slash material beyond the area it was cut
- ❑ establishing new camps, staging areas, safety zones, helispots, etc.
- ❑ discharging water on roads or at stream crossings
- ❑ constructing dozerline within 100 feet of dry of stream channels

PLEASE PACK OUT ALL GARBAGE

**Thank you for your *commitment* and *dedication* in preserving
valuable natural and cultural resources**

Woodward Fire

SOD Decontamination

Sudden Oak Death (SOD) is one of several fungal pathogens present in vegetation and soils at Point Reyes that results in mortality of many Oak species. SOD is widespread throughout the Woodward Fire area and is spreading rapidly throughout California and Oregon.

In order to prevent the spread of SOD beyond the fire area, all fireline personnel are required to conduct SOD decontamination prior to demobing from the incident.

WHAT IS INVOLVED?

- Brushing soil off boots & tools
- Spraying boot soles, hand tools, and chainsaws with rubbing alcohol

A staffed incident SOD decontamination station is located adjacent to the incident WEED WASH station at the Point Reyes Headquarters Maintenance Yard.

GPS: "1 Bear Valley Rd.Olema, CA"

Look for signs for Weed Wash/SOD Decon

Hours of Operation 0800 - 1800

QUESTIONS?

Woodward Lead READ @ 360.630.3231

08/30/2020

TENTATIVE RELEASE

WOODWARD US-CA-RNP-012009

CREWS

C-8

0800

(HC2)

17058 - PACIFIC OASIS INC.

Woodward Fire

Demobilization Check-out

Due to Covid-19 safety precautions, we will be using virtual approvals instead of obtaining signatures on a paper copy of the ISC-221 form.

All departing resources will complete the Demobilization Check-out process by the contact methods listed below. The unit's approving official will notify the Demob unit of your clearance.

Weed Wash and SOD Decon Stations- located at Point Reyes Visitor Center

Supply - located near ICP entrance

Communications - located in the trailer at the west end of ICP main building

Facilities - window service at the east end of ICP main building on the lower level

Ground Support (vehicle inspections)- located at the east end of ICP parking lot

Time - contactless only service - submit all records to 2020.woodward.finance@firenet.gov

Documentation - Contactless only - submit all records to 2020.woodward.plans@firenet.gov

Demob - contactless only service - Please confirm ETAs prior to departing ICP using the QR code below to ensure that IROC will be accurately updated of your release from the incident.

****Any resource requiring commercial air travel, must make those arrangements with the Demob unit at least 72 hours in advance.****

Please contact the Demob Unit if you need assistance! Your feedback is welcome!

Rebecca Bulls
Demobilization Unit Leader (DMOB)
Northern Rockies Incident Management Team 2
Desk: 415-488-4023
Cell: 703-939-1932
2020.woodward.dmob@firenet.gov



Actual Release Data Entry



HUMAN RESOURCE MESSAGE

There is zero tolerance for drugs and alcohol on this fire incident.



Everyone you meet is fighting
a battle you know nothing
about.

Be kind! Be Nice! Always!

Debby Hassel, HRSP (*Virtual*)

(406) 274-7985

hrspfire@gmail.com

Woodward Fire Incident Training Program

A TNSP is assigned to this incident and will be performing the majority of duties "virtually".

To receive documented credit for your assignment, scan the QR Code below to access and complete the Trainee Registration Form. Once registered you will receive additional instructions via text. For training related questions, call Brad Smith (TNSP) at 209-770-4809 or email bsmith.murfire@gmail.com



<https://forms.office.com/Pages/ResponsePage.aspx?id=4F2CSwVwPUuaFHhBHyhmAyNRz07Nxa9Bj-Jjhni43T9UOUtMOUhGOVA4QzlVWIFVRkJXTTg2RTJCMY4u>

MEDICAL PLAN (ICS 206 WF)

Controlled Unclassified Information//Basic

Medical Incident Report

FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.

FOR A MEDICAL EMERGENCY: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.

Use the following items to communicate situation to communications/dispatch.

1. **CONTACT COMMUNICATIONS / DISPATCH** (Verify correct frequency prior to starting report) *Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."*
2. **INCIDENT STATUS:** Provide incident summary (including number of patients) and command structure
Ex: "Communications, I have a Red priority patient, unconscious, struck by a falling tree. Requesting air ambulance to Forest Road 1 at (Lat /Long) This will be the Trout Meadow Medical IC is TFLD Jones. EMT Smith is providing medical care "

Severity of Emergency / Transport Priority	<input type="checkbox"/> RED / PRIORITY 1 Life or limb threatening injury or illness. Evacuation need is IMMEDIATE <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° - 3° burns more than 4 palm sizes, heat stroke, disoriented</i> <input type="checkbox"/> YELLOW / PRIORITY 2 Serious Injury or illness. Evacuation may be DELAYED if necessary. <i>Ex: Significant trauma, unable to walk, 2° - 3° burns not more than 1-3 palm sizes</i> <input type="checkbox"/> GREEN / PRIORITY 3 Minor Injury or illness. Non-Emergency transport <i>Ex: Sprains, strains, minor heat-related illness.</i>	
Nature of Injury or Illness & Mechanism of Injury		<i>Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)</i>
Transport Request		<i>Air Ambulance / Short Haul/Hoist Ground Ambulance / Other</i>
Patient Location		<i>Descriptive Location & Lat. / Long. (WGS84)</i>
Incident Name		<i>Geographic Name + "Medical" (Ex: Trout Meadow Medical)</i>
On-Scene Incident Commander		<i>Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)</i>
Patient Care		<i>Name of Care Provider (Ex: EMT Smith)</i>

3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient as applicable (start with the most severe patient)

Patient Assessment: See IRPG page 106

Treatment:

4. TRANSPORT PLAN:

Evacuation Location (if different): (Descriptive Location (drop point, intersection, etc.) or Lat. / Long.) Patient's ETA to Evacuation Location:

Helispot / Extraction Site Size and Hazards:

5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:

Example. Paramedic/EMT, Crews, Immobilization Devices, AED, Oxygen, Trauma Bag, IV/Fluid(s), Splints, Rope rescue, Wheeled litter, HAZMAT, Extrication

6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable

Function	Channel Name/Number	Receive (RX)	Tone/NAC *	Transmit (TX)	Tone/NAC *
COMMAND					
AIR-TO-GRND					
TACTICAL					

7. CONTINGENCY: Considerations: If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.

8. ADDITIONAL INFORMATION: Updates/Changes, etc.

REMEMBER: Confirm ETA's of resources ordered. Act according to your level of training. Be Alert. Keep Calm. Think Clearly. Act Decisively.