

Willow Fire


June 20th 0700-1900



CA-LPF-001493

P5N26C21 (0507)



INCIDENT OBJECTIVES	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED
	Willow	6/19/21	20:00
4. OPERATIONAL PERIOD (DATE/TIME) 6/20/21 07:00			
5. GENERAL CONTROL OBJECTIVES FOR THE INCIDENT (INCLUDE ALTERNATIVES) Management Objectives: -Provide for firefighter and public safety through hazard recognition and application of the risk management process -Reduce the threat to private property, residences, and infrastructure through the application of effective suppression tactics -Reduce the impacts to the Ventana Wilderness values by ensuring minimum impact suppression tactics (MIST) are applied -Utilize historic fire control lines, trails, streams, ridges, and natural barriers when possible for control lines Control Objectives: -Keep the fire north of the Dolan Fire scar -Keep the fire south of the Soberanes Fire scar -Keep the fire west of Arroyo Seco Rd 19S09 -Keep the fire east of Black Cone Trail			
6. WEATHER FORCAST FOR OPERATIONAL PERIOD <p style="text-align: center;">See Wx Forecast</p>			
7. GENERAL/SAFETY MESSAGE <p style="text-align: center;">See Safety Message</p>			
8. ATTACHMENTS (X IF ATTACHED)			
<input checked="" type="checkbox"/> 202	<input checked="" type="checkbox"/> SAFETY MESSAGE / LCES	<input type="checkbox"/> TRANSPORTATION MAP	
<input checked="" type="checkbox"/> 203	<input checked="" type="checkbox"/> WEATHER	<input type="checkbox"/> INCIDENT MAP	
<input checked="" type="checkbox"/> 204	<input checked="" type="checkbox"/> AIR OPERATIONS SUMMARY	<input type="checkbox"/>	
<input checked="" type="checkbox"/> 205	<input type="checkbox"/> HUMAN RESOURCE	<input type="checkbox"/>	
<input checked="" type="checkbox"/> 206	<input type="checkbox"/> ICP / CAMP MAP	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ICS 214	
9. PREPARED BY (PLANNING SECTION CHIEF) <p style="text-align: center;">John Fisher</p>		10. APPROVED BY (INCIDENT COMMANDER) <p style="text-align: center;">Chris Fogle </p>	
ICS 202			

ORGANIZATION ASSIGNMENT LIST		
1. Incident Name		
Willow		
2. Date	3. Time	
6/19/21	20:00	
4. Operational Period		
6/20/21		
Position	Name	
5. Incident Commander and Staff		
Incident Commander	Chris Fogle	
Deputy	Norm Walker	
Safety Officer	Tom Zeulner/T. Sherman	
Information Officer	Lynn Olsen/A. Munsey/T. Nguyen	
Liaison Officer	Kevin Klar	
6. Agency Representative		
Agency	Name	
USFS	Tony Martinez	
MRD Ranger	John Finlay Eifert	
CAL FIRE	Jason Luckenbach	
CAL OES	Kelsey Scanlon	
Sheriff MCSO	Ray Tongol	
7. Planning Section		
Chief	John Fisher	
Deputy		
Resources Unit	D. Shennum/D. Parsons	
Situation Unit	Chris Brenzel	
Documentation Unit		
Demobilization Unit		
Technical Specialists		
Human Resources		
Training	John Aguirre	
FBAN	Dan Fellx	
IMET	Pete Curran	
READ	Andrew Way/Yanni Schwartz	
ITSS	C. Jumper/B. Holden(t)	
8. Logistics Section		
Chief	R. La Joie/R. Sheets	
Deputy		
Supply Unit	S. Irland/J. Lamont(t)	
Facilities Unit	G. O'Leary/M. Torres (t)	
Ground Support Unit	Kevin Palm	
Communications Unit	M. Towns	
Medical Unit	S. Hamilton/E. Nelson	
Security Unit	Chris George	
Food Unit	C. Gallagher	

9. Operations Section		
Chief	Daniel Diaz/Mark Lamont (t)	
Deputy	Sam Marouk	
a. Branch I- Division/Groups		
Branch Director		
Deputy		
Division/Group	A	TBD
Division/Group	G	TBD
Division/Group	L	Sal Torres
Division/Group	Q	Harold Cook
Division/Group	W	Canning/Colonell (t)
Division	Z	Bill Sandborg
b. Branch II - Division/Groups		
Branch Director		
Deputy		
Division/Group	Tass Grp	Kelly Haynes
Division/Group	North Grp	Steven Dean
Division/Group		
Division/Group		
Division/Group		
c. Branch III - Division/Groups		
Branch Director		
Deputy		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
d. Air Operations Branch		
Air Operations Branch Director	Brian Sexton	
Air Attack Supervisor		
Air Support Supervisor	C. Warner/J. Steadman	
Helicopter Coordinator		
Air Tanker Coordinator		
10. Finance Section		
Chief	D. Rutherford-York	
Deputy	Ann-Marie Carlson	
Time Unit	Dianne Mendez-Cantu	
Procurement Unit		
Compensation/Claims Unit	E. Jimenez/R. Kraus (t)	
Cost Unit		
Prepared by (Resource Unit Leader)		
Joel Shennum		

Willow

National Weather Service San Francisco/Monterey Bay Area

2021-06-19 1:22 PM PDT

Spot Forecast for Willow...USFS

National Weather Service San Francisco Bay Area

121 PM PDT Sat Jun 19 2021

Forecast is based on forecast start time of 1500 PDT on June 19.

If conditions become unrepresentative...contact the National Weather Service.

.DISCUSSION...Continued warm and dry today with slow cooling trend beginning late Sunday and into early next week with gradually improving RH recovery. General winds will be southwest but will be mostly terrain driven over the fire today. An area of low pressure approaches the region early next week for continued cooling with higher RH.

SUNDAY...

Sky/weather.....Sunny.

Max temperature.....88-93.

Min humidity.....15-20 percent.

Wind (20 ft).....Light terrain driven winds in the morning becoming southwest around 10 to 15 mph in the afternoon.

CWR.....0 percent.

LAL.....1.

Mixing height.....3700 ft AGL.

Transport winds.....Southwest 5 to 10 mph.

Marine layer.....None, but 1500 ft or so along the coast.

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Forecaster...A_SCHNEIDER /Edits by P. CURRAN - IMET

Requested by...Pete Curran


Type of request...WILDFIRE

.TAG 2114263.2/MTR

.DELDT 06/19/21

.FormatterVersion 1.0.26

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 1	TYPE OF FIRE: Wildfire
FIRE NAME: Willow	OPERATIONAL PERIOD: June 20, 2021 Day
DATE ISSUED: June 19, 2021	TIME ISSUED: 1900
UNIT: Los Padres National Forest	Prepared: Dan Felix, FBAN 

INPUTS

WEATHER SUMMARY:

** See Incident Weather Forecast for discussion and specific weather. **

Temp: Highs of 88-93.

RH: Minimum 15-20 percent.

Winds: Light terrain driven winds in the morning becoming southwest around 10 to 15 mph in the afternoon.

GENERAL

The Fuel Moisture profiles across much of the nation are "off the charts" with records being set for Energy Release Component, 1000 hour fuels, etc. While the Central Coast may not be as bad as inland areas the indices have already exceeded record values for this time of year. The terrain is very steep and convoluted. This not only hampers accessibility; it also gives the fire many chances to set up for rapid uphill runs as it finds places to come into alignment with sun, wind, and slope. While yesterday may have seemed like a lull in fire activity, it does remain active and could now be in better positions for alignment runs. The terrain winds are likely to dominate spread direction deep in the canyons. Pay close attention to the effect of the marine layer, if any, on the fire. Expect increasing fire activity as the day goes on.

Specific areas of concern:

DIV L, Q, W – Of immediate concern is the Tassajara Hot Springs area. The fire is currently hung up on the ridge above this area but will continue to try to eat through the retardant and try to back down the hill. This is not expected to happen in a rapid manner, but if it does crawl down the hill upslope runs can be expected. This fire is also making its way to the east and when it reaches the confluence of Tassajara Creek and Willow Creek the potential increases for it to get into alignment to uphill runs to the east and north.

DIV A, G, Z – The south and west flanks of the fire will continue to burn toward and into the Soberanes Fire which will slow its spread and provide good opportunities for suppression when there are enough resources to engage these areas.

Air Operations: No major issues are anticipated.

SAFETY


This is notoriously tough country to fight fire in. Steep convoluted terrain, dry fuel conditions, and continued hot and dry weather all point to the need to be aware of the particular conditions of the area that you find yourself in.

DIVISION ASSIGNMENT LIST				1. Branch		2. Division/Group A	
3. Incident Name Willow				4. Operational Period Date: 6/20/21 Time: 0700-1900			
5. Operations Personnel							
Operations Chief		Daniel Diaz Mark Lamont (t)		Division/Group Supervisor		TBD	
Branch Director		NA		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
Unstaffed							
7. Control Operations Scout and develop a plan.							
8. Special Instructions Post lookouts and establish clear trigger points to established safety zones.							
9. Division/Group Communication Summary							
Function		Frequency		System		Channel	
Command		LPF Admin		King NIFC		Tx. 164.150 Rx. 171.550 T. 10/13	
Tactical Div/Group		A		King NIFC		168.0500 168.0500	
Logistics		A/G Cmd		King NIFC		168.400 168.400	
Air to Ground		A/G Tac		King NIFC		167.9500 167.9500	
Prepared by (Resource Unit Ldr.) J. Shennum				Approved by (Planning Sect. Ch.) J. Fisher		Date 6/19/21	
						Time 20:00	

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group				
3. Incident Name			4. Operational Period						
Willow			Date: 6/20/21		Time: 0700-1900				
5. Operations Personnel									
Operations Chief		Daniel Diaz Mark Lamont (t)		Division/Group Supervisor		TBD			
Branch Director		NA		Air Attack Supervisor No.					
6. Resources Assigned this Period									
Strike Team/Task Force/ Resource Designator		Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time			
Unstaffed									
7. Control Operations									
Scout and develop a plan.									
8. Special Instructions									
Post lookouts and establish clear trigger points to established safety zones.									
9. Division/Group Communication Summary									
Function		Frequency	System	Channel	Function		Frequency	System	Channel
Command		LPF Admin	King NIFC	Tx. 164.150 Rx. 171.550 T. 10/13	Logistics		A/G Cmd	King NIFC	168.400 168.400
Tactical Div/Group		G	King NIFC	166.7250 166.7250	Air to Ground		A/G Tac	King NIFC	167.9500 167.9500
Prepared by (Resource Unit Ldr.)			Approved by (Planning Sect. Ch.)			Date		Time	
J. Shennum			J. Fisher			6/19/21		20:00	

DIVISION ASSIGNMENT LIST				1. Branch		2. Division/Group L	
3. Incident Name Willow				4. Operational Period Date: 6/20/21 Time: 0700-1900			
5. Operations Personnel							
Operations Chief		Daniel Diaz Mark Lamont (t)		Division/Group Supervisor		Sal Torres	
Branch Director		NA		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		Number Persons	Trans. Needed	Drop Off PT./Time	
Unstaffed							
7. Control Operations Scout and develop a plan.							
8. Special Instructions Post lookouts and establish clear trigger points to established safety zones.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	LPF Admin	King NIFC	Tx. 164.150 Rx. 171.550 T. 10/13	Logistics	A/G Cmd	King NIFC	168.400 168.400
Tactical Div/Group	L	King NIFC	166.7750 166.7750	Air to Ground	A/G Tac	King NIFC	167.9500 167.9500
Prepared by (Resource Unit Ldr.) J. Shennum		Approved by (Planning Sect. Ch.) J. Fisher			Date 6/19/21		Time 20:00

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group		
3. Incident Name			4. Operational Period				
Willow			Date: 6/20/21		Time: 0700-1900		
5. Operations Personnel							
Operations Chief		Daniel Diaz Mark Lamont (t)		Division/Group Supervisor		Harold Cook	
Branch Director		NA		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
Ventana H.S.		J. Shutt	19		0700	1900	
Texas Canyon H.S.		D. Breuklander	19		0700	1900	
Vandenberg H.S.		J. Hendricks	19		0700	1900	
BEU Gabilan 1		Cornejo	17		0700	1900	
BEU Gabilan 2		Tostado	17		0700	1900	
7. Control Operations							
Scout and develop plan to establish line from Chews Ridge to Arroyo Seco.							
8. Special Instructions							
Post lookouts and establish clear trigger points to established safety zones.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	LPF Admin	King NIFC	Tx. 164.150 Rx. 171.550 T. 10/13	Logistics	A/G Cmd	King NIFC	168.400 168.400
Tactical Div/Group	Q	King NIFC	168.2500 168.2500	Air to Ground	A/G Tac	King NIFC	167.950 167.950
Prepared by (Resource Unit Ldr.)		Approved by (Planning Sect. Ch.)			Date		Time
J. Shennum		J. Fisher			6/19/21		20:00

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group W		
3. Incident Name Willow			4. Operational Period Date: 6/20/21 Time: 0700-1900				
5. Operations Personnel							
Operations Chief		Daniel Diaz Mark Lamont (t)		Division/Group Supervisor		Cody Canning Nick Colonelli (t)	
Branch Director		NA		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
Los Padres H.S.	H. Medrano	20		0700	1900		
Mill Creek H.S.	J. Ellison	19		0700	1900		
Groveland H.S.	T. Rollinson	20		0700	1900		
Kings River H.S.	K. Haynes	20		0700	1900		
LPF E-18	E. Rewcastle-Delgado	5		0700	1900		
LPF E-19	A. Kenner	5		0700	1900		
BEU E-4689	K. Negro	4		0700	1900		
BEU E-4661	M. Gomez	4		0700	1900		
STF Doz-51	K. Crow	2		0700	1900		
7. Control Operations Prep infrastructure in and around Arroyo Seco and look for opportunities to go direct on the eastern perimeter.							
8. Special Instructions Post lookouts and establish clear trigger points to established safety zones.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	LPF Admin	King NIFC	Tx. 164.150 Rx. 171.550 T. 10/13	Logistics	A/G Cmd	King NIFC	168.400 168.400
Tactical Div/Group	W	King NIFC	166.5500 166.5500	Air to Ground	A/G Tac	King NIFC	167.9500 167.9500
Prepared by (Resource Unit Ldr.) J. Shennum		Approved by (Planning Sect. Ch.) J. Fisher 			Date 6/19/21		Time 20:00

DIVISION ASSIGNMENT LIST				1. Branch		2. Division/Group Z	
3. Incident Name Willow				4. Operational Period Date: 6/20/21 Time: 0700-1900			
5. Operations Personnel							
Operations Chief		Daniel Diaz Mark Lamont (t)		Division/Group Supervisor		Bill Sandborg	
Branch Director		NA		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
Unstaffed							
7. Control Operations Scout and develop a plan.							
8. Special Instructions Post lookouts and establish clear trigger points to established safety zones.							
9. Division/Group Communication Summary							
Function		Frequency		System		Channel	
Command		LPF Admin		King NIFC		Tx. 164.150 Rx. 171.550 T. 10/13	
Tactical Div/Group		Z		King NIFC		168.2375 168.2375	
Logistics		A/G Cmd		King NIFC		168.400 168.400	
Air to Ground		A/G Tac		King NIFC		167.9500 167.9500	
Prepared by (Resource Unit Ldr.) J. Shennum				Approved by (Planning Sect. Ch.) J. Fisher		Date 6/19/21	
						Time 20:00	

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group Tassajara Grp		
3. Incident Name Willow			4. Operational Period Date: 6/20/21 Time: 0700-1900				
5. Operations Personnel							
Operations Chief		Daniel Diaz Mark Lamont (t)		Division/Group Supervisor		Kelly Haynes	
Branch Director		NA		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time	
LPF E-17	R. Martin	5		0700		1900	
LPF E-331	E. Harris	5		0700		1900	
LPF E-315	N. Valentine	5		0700		1900	
LPF WT-24		2		0700		1900	
7. Control Operations Assess structures within the Tassajara Zen Center.							
8. Special Instructions Post lookouts and establish clear trigger points to established safety zones.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	LPF Admin	King NIFC	Tx. 164.150 Rx. 171.550 T. 10/13	Logistics	A/G Cmd	King NIFC	168.400 168.400
Tactical Div/Group	Tass Grp	King NIFC	154.2725 154.2725	Air to Ground	A/G Tac	King NIFC	167.9500 167.9500
Prepared by (Resource Unit Ldr.) J. Shennum		Approved by (Planning Sect. Ch.) J. Fisher		Date 6/19/21		Time 20:00	

AIR OPERATIONS SUMMARY**ICS 220**Prepared By: **Brian Sexton**Prepared Date: **06/19/2021**Prepared Time: **1900****AOBD** BRIAN SEXTON
Digitally signed by BRIAN SEXTON
Date: 2021.06.19 19:22:16 -07'00'

1. INCIDENT NAME: Willow Fire	2. OPS PERIOD DATE: 06/20/2021	START TIME: 0700	END TIME: 2100	SUNRISE: 05:47	SUNSET: 20:25
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3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): Track all dipsite locations/number of dips/gallons taken. Track all drop locations/number of drops/gallons dropped. All GPS data to be collected in **DEGREES, DECIMAL MINUTES** format.
AVOID Aerial Application of Retardant/Foam/Agent within 300' of Waterways, Bodies of Water, etc.
If Retardant/Foam/Agent is dropped within these areas immediately notify the AOBD and provide the following information: Lat/Long, estimated number of gallons and a map detailing the area.
Fly with Transponder 1255.

Arroyo Seco Helispot: Lat: **36 14.155**
Long: **121 28.812**

Abbott Dip: Lat: **36 08.280**
Long: **121 29.680**

4. Helibase Information:
Name: King City Helibase
Latitude: 36 13.952
Longitude: 121 07.624

Millers Helispot
Latitude: 36 14.95
Longitude: 121 25.87

5. TFR's:

Circle: 7NM
Altitude: 10000' MSL

NOTAMS: 1/6484
Frequency: 125.125

<http://tfr.faa.gov/tfr2/list.html>

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	TX	TONE	RX	TONE	AM/FM	8. MEDIVAC SHIP INFORMATION Day: Night:
AOBD	Brian Sexton	805-350-3717	AIR TO GROUND CMD	168.400		168.400		FM	
ASGS	Curt Warner	805-478-1231	AIR TO GROUND TAC	167.950		167.950		FM	
ASGS	John Steadman	760-468-1974	A/A ROTOR VIC	125.125		125.125		AM	
			AIR TACTICS	166.6125		166.6125		FM	
HEBM – King City	Jonathan Harris	805-729-0299							Mercy Air 20- Air Ambulance
			DECK	163.100		163.100		FM	Location: Hunter Liggett
									831-385-0302
			AIR GUARD	168.6250	110.9 (1)	168.6250	110.9 (1)	FM	
									Cal Star 5- Air Ambulance
									Location: Salinas
ATGS	Mike Fralicks	559-760-8379							831-424-3815
ATGS (T)	Steve Zavala	559-788-8381							

HELICOPTERS

FAA N#	T	MAKE/ MODEL	BASE	START	AVAIL	REMARKS	FAA N#	T	MAKE/MODEL	BASE	START	AVAIL	REMARKS
9CH	1	CH-47	King City	0730	0800	Tanked/Surge	TBD	3	TBD	King City	TBD	TBD	
TBD	1	TBD	King City	TBD	TBD								
TBD	1	TBD	King City	TBD	TBD								
H-527	2	205++	King City	0730	0800	Tanked/EU							
H-528	2	Bell 212 HP	King City	0730	0800	Tanked/EU							
H-516	2	Bell 212HP	King City	0730	0800	Bucket/EU							
H-509	2	Bell 209	King City	0730	0800	ATGS/IR							

FIXED WING

AA12	1	AC690	SMX	0700	0800								

Missions:	Aircraft	AVAIL	Departure Point	Destination	
Air Attack		0800	KSMX	Fire	Provide Tactical Aerial Support
Bucket Support	Varies	0800	King City HB	Fire	Bucket support requested by Ops, Branch, Division or Air Attack
Cargo	T-2	0800	TBD	Fire	Type 2 as requested
PAX	T-2	0800	TBD	Fire	Type 2 as requested
MEDIVAC	TBD	0800			Request through LP ECC on Command Repeater. Give location: lat/long. Check Medical plan/IAP.
Retardant & Lead Plane	Varies	Varies	Various Tanker Bases	Fire	Request through Air Attack via Air/Ground. Give location and ground contact.
Initial Attack Assistance	Varies	0800		As requested	Will be requested through LP Dispatch.

WILLOW FIRE SAFETY MESSAGE

INCIDENT: **Willow Fire**

DATE: June 20, 2021

TIME: 0700-1900

Major Hazards and Risks:

- **DRIVING** – One of the most hazardous tasks today. Keep your speeds down.
- **STEEP TERRAIN AND ROLLING MATERIALS** - Watch for boulders that can roll out.
- **POTENTIAL FOR EXTREME FIRE BEHAVIOR** - All fuels are available and can burn aggressively. Ensure **LCES**.
- **DEHYDRATION** - Ensure you and your personnel are staying hydrated. Monitor your people.
- **HEAT ILLNESS/FATIGUE** – Watch your people today, look for signs of heat illness and fatigue. Mitigate signs by shading/cooling and disengaging if necessary. Life First!
- **WORKING UNDER HELICOPTERS AND AIRCRAFT** – Speaks for itself.
- **SNAGS AND FIRE WEAKENED TREES** – Survey your work area, look up and live.
- **POISON OAK** – Avoid if at all possible, use poison oak lotion mitigation and decon your skin.

Narrative: Transition to CA-IIMT 11 today. Anticipate the fire activity to act the same as it did yesterday. Same weather and same terrain equals more of the same fire behavior. Continue to be heads up for aircraft activity. Remember this rough and broken ground likes to burn and get up and go. On September 8th & 9th 2020 the Dolan Fire made runs of over 30,000 acres. The environmental conditions during those two days were **similar** to where they will be this weekend. Temps in the high 90s to over 100 degrees. There is a lot of uncontained line. Be aware of the hazards in your specific area. Be engaged in your own safety so you can go home happy and healthy.

EXPECTATIONS

Every person working the incident gets briefed.

Every person will know who they are working for.

Every person will work in a safe manner.

Every person will be respectful of others.

Every person will report illness and/or injuries.

Every person will drive as if your life depends on it.

Every person will wear a seatbelt while in a vehicle.

Every person will follow the COVID protocols.

Every person will go home healthy!

Life First

Life First - everyone goes home. We cannot accept any loss of life; while we are well aware of the challenges and the hazards our people face every day in the fire environment, together we can work to eliminate unnecessary exposure and increase the odds that everyone goes home in 2021.

- It means that knowing the dangers we face, we still expect that our personnel will not engage unless they can do so with the greatest margin of safety.
- We expect our emergency responders to refuse assignments where hazards cannot be satisfactorily addressed.
- We ask people to take risks in fire every day, sending them to work in environments that are known to be hazardous, but we should only do so where the values we have determined threatened justify the risks and the probability of success is high.

The way to achieve our goal of zero fatalities is to train, to practice risk management, to think, to communicate, and to foster a learning environment to seek smarter ways to meet our objectives in every situation, and to learn and improve every day.

Incident Safety Officers: Tom Sherman SOF2 and Tom Zeulner SOF2

INCIDENT SAFETY ANALYSIS 215a

Willow Fire CA-LPF-001493 P5N26C21 (0507) - Sunday, June 20, 2021

8. Location	9. Hazard	6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
All Divisions	Communications	Maintain communication with aviation resources, and suppression organization. ~ Ensure all radios are programmed correctly ~ Utilize the ICS 205. ~ Utilize human repeaters when working in dead spots. ~ Keep accountability of resources through out the day
All Divisions	Steep Terrain & Rolling Debris	~Maintain 8'-10' spacing when working & walking. ~ Don't work directly above or below any personnel. ~ Be on the lookout for rolling rocks, debris, or burning material. ~ Shout out loudly any rock or log rolling down the hill ~ Evaluate necessity to send personnel in areas with limited access. ~ Post lookouts (IRPG pg 7).
All Divisions	Fireline Hazards	~ Do not work directly above or below personnel during firing and mop-up operations. ~ Watch for falling and rolling debris on steep slopes. ~ Alert crew personnel of rolling debris by yelling to affected individuals. ~ Position debris that could roll vertically on slope. ~ Avoid stepping over debris that could roll by walking around object. ~ Avoid radiant heat by wearing appropriate PPE correctly. ~ Use correct tool for task assigned. ~ Follow power line safety protocol as outlined on page 24 in IRPG. ~ Flag and isolate all HAZMAT and alert all personnel working in Division. ~ Follow WUI recommendations on pages 12-16 in IRPG.
All Divisions	Hazard Trees	~ Follow "Hazard Tree Safety" guidelines, IRPG page 22. ~ Post lookouts, or use a spotter in mop-up areas with personnel. ~ Don't park vehicles or take breaks in high concentrations of hazard trees. ~ Establish trigger points for disengagement during high wind events. ~ Remember that the hazard zone extends a minimum of 2 1/2 tree heights. ~ Aviation drops may bring down trees, burned or unburned
All Divisions	Indirect Fireline	~ Post lookouts, identify escape routes and safety zones (IRPG pg. 7). ~ Review "Strategy/Indirect Attack" IRPG 83,84. ~ Establish early trigger points to disengage from task ~ Ensure all personnel understand the plan and have good communications. ~ Ensure adjoining Divisions know your plan and triggers to disengage. ~ Be alert for weather that could cut off your egress to safety.
Str. Groups	Structure Protection & HAZMAT	~ Review "Wildland Urban Interface" Watch outs, IRPG page 12. ~ Use "Structure Assessment" checklist, IRPG pages 13-16. ~ Follow "HAZMAT Incident Operations" on pages 36-38 in IRPG.
All Divisions	Air Operations	~ Follow "Aviation Watch-Out Situations" on page 46, IRPG. ~ Don't plan on air resources for medical transport or resupply. ~ Refer to page 58, IRPG for directing bucket drops. ~ Ensure positive communication with all air resources. ~ Ensure all resources on Div are aware of air ops ~ Use signal flash or flagging to help pilots ~ Stay away from trees as drops can bring them down
All Divisions	Extreme Fire Behavior	~ Share weather observations with all personnel assigned to division. ~ Establish "Trigger Points" to withdraw. ~ Ensure real safety zones and quality escape routes exist prior to engagement ~ Use "Risk Management" process prior to engaging in suppression actions, refer to page 1 IRPG. ~ Ensure awareness of thunderstorms and their effects in the area.
All Divisions	Poisonous Plants	~ Identify and Avoid hazard areas. ~ Launder clothing often. ~ Shower frequently and use products available to combat poison oak



INCIDENT SAFETY ANALYSIS 215a

All Divisions	Heat Related Illness (HRI)& Dehydration	<ul style="list-style-type: none"> ~ Drink Fluids throughout operational period (6-8 qts/shift). ~ Maintain water/electrolyte ratio of 3 to 1. ~ Carry extra water on line and cache water at drop points. ~ Take Frequent breaks, minimum of 10 minutes every hour. ~ Allow out of area resources time to acclimatize before expecting peak performance. ~ Recognize symptoms of HEAT RELATED ILLNESS which include. <ul style="list-style-type: none"> o Lack of energy o Headaches, dizziness o Lack of rest o No hunger, poor eating habits o Hot skin, and lack of sweating
All Divisions	Driving & Traffic	<ul style="list-style-type: none"> ~ Practice "Defensive Driving" techniques traveling on all roads and city streets. ~ Use spotters when backing. ~ Honk horn to alert personnel when backing. ~ Keep clutter off dash and inside cab. ~ Follow Driving LCES (Lights, Chock blocks, Emergency brake, Seat belts. ~ Always use headlights. ~ Yield to pedestrians and bicycles. ~ Observe posted speed limits. ~ Use the 3 second rule for following distance when driving. ~ Use chock blocks, turn wheels into hill. ~ Avoid distractions (eating, cell phones, radio). ~ Ensure that windshields are kept clean of dust and bugs.
All Divisions	Bees, Ticks, Mosquitoes	<ul style="list-style-type: none"> ~ Canvas crew members for those with known allergic reactions to stings. ~ Ensure crew members have medication pens if needed. ~ Perform daily self inspection. ~ Use repellent as necessary. ~ Advanced Life Support, multi-dose epi and airway protection. ~ Keep affected area clean and bandaged. ~ Be extra careful when eating and/or drinking to avoid stings to mouth and throat.
All Divisions	Heavy Equipment Operations	<ul style="list-style-type: none"> ~ Ensure communications are established with operators. ~ Use hand signals if other communications are unavailable. ~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber. ~ Use a spotter when backing. ~ Avoid working below heavy equipment. ~ Ensure operators know the plan and have an out

ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

CONTROLLED UNCLASSIFIED
INFORMATION//BASIC

1. Incident Name: Willow Incident Channels			2. Date/Time Prepared Date: 06/19/2021 Time: 2300		3. Operational Period: Date From: 06/20/21 Date To: 06/20/21 Time From: 0700 Time To: 1900			
4. Communications								
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
1	COMMAND	NIFC C1	FUTURE	170.9750		168.7000	(T1) 110.9	FUTURE USE
2	COMMAND	NIFC C9	FUTURE	170.0125		165.2500	(T1) 110.9	FUTURE USE
3			BLANK					
4	TACTICAL	NIFC T1	DIV A	168.0500		168.0500		
5	TACTICAL	NIFC T5	DIV G	166.7250		166.7250		
6	TACTICAL	NIFC T6	DIV L	166.7750		166.7750		
7	TACTICAL	NIFC T7	DIV Q	168.2500		168.2500		
8	TACTICAL	R5 T4	DIV W	166.5500		166.5500		
9	TACTICAL	R5 T6	DIV Z	168.2375		168.2375		
10	TACTICAL	VFIRE 24	TASS GRP	154.2725	(T6) 156.7	154.2725	(T6) 156.7	
11	TACTICAL	VFIRE 25	NORTH GRP	154.2875	(T6) 156.7	154.2875	(T6) 156.7	
12	COMMAND	LPF	COMMAND	171.5500		164.1500	OST	ADMIN Tone 10 & Tone 13
13	A/G CMD	A/G CMD	ALL DIVS	168.4000		168.4000		
14	A/G TAC	A/G TAC	ALL DIVS	167.9500		167.9500		
15	MEDICAL	CALCORD	ALL DIVS	156.0750	(T6) 156.7	156.0750	(T6) 156.7	
16	AIRGUARD	AIRGUARD	ALL DIVS	168.6250		168.6250	(T1) 110.9	
17								
18								
19								
20	AIRGUARD	AIRGUARD	ALL DIVS	168.6250		168.6250	(T1) 110.9	
5. Special Instructions								
6. Prepared by (Communications Unit Leader): Name: Mike Towns - 925.240.3595						/S/ Mike Towns		
ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION//BASIC						Date/Time: 06/19/21 2300		

COMMUNICATIONS LIST (ICS 205A)

1. Incident Name: Willow		2. Operational Period:		Date From: 06/20/21	Date To: 06/20/21		
				Time From: 0700	Time To: 1900		
3. Basic Local Communications Information							
<u>Incident Assigned Position</u>	<u>Name</u>	<u>Number</u>					
Incident Commander	Chris Fogle	(909) 238-2107					
Deputy Incident Commander	Norm Walker	(951) 323-6445					
Safety	Tom Sherman	(951) 218-6356					
Safety							
Liaison Officer	Kevin Klar	(661) 714-9282					
Liaison Officer	Janine Summy	(509) 429-1206					
Information Officer	Thanh Nguyen	(714) 980-2622					
Op Section Chief	Daniel Diaz	(909) 659-4596					
Op Section Chief (t)	Mark Lamont	(805) 377-3754					
Air Op Branch Dir	Brian Sexton	(805) 350-3717					
Air Support Group Supervisor	John Steadman	(760) 468-1974					
Planning Ops	Sam Marouk	(916) 605-8823					
Planning Ops							
Plans Section Chief	John Fisher	(858) 945-6869					
Plans Section Chief							
Resources Unit	David Parsons	(760) 415-5794					
Resources Unit	Joel Shennum	(805) 458-1197					
Situation Unit	Chris Brenzel	(760) 822-2257					
Fire Behavior Analyst	Dan Felix	(951) 537-9381					
IMET	Pete Curran	(949) 933-5859					
Logs Section Chief	Russ Lajoie	(619) 504-6738					
Supply Unit Leader	Wendy Norwood	(760) 220-4600					
Ordering Unit Leader	Jim Lamont	(480) 980-5508					
Grnd Support Unit	Kevin Palm						
Communications Unit Leader	Mike Towns	(925) 240-3595					
ITSS (t)	Brady Holden	(619) 519-0619					
Medical Unit	Erik Nelson	(760) 473-7378					
Training Specialist	John Aguirre	(714) 943-2000					
ITSS	Heather Wiskow	(971) 718-6584					
ITSS	Char Jumper	(509) 429-7619					
Finance Section Chief	Debbie York	(760) 207-8832					
Communications							
Expanded Dispatch							
Expanded Dispatch-Fax							
Ordering Fax							
ICP Medical							
4. Prepared by:		Mike Towns	Position/Title:	COML	Signature:	/s/ Mike Towns	
ICS 205A	NIMS IAP	IAP Page _____	Date/Time:	2300 hours			

Willow Incident Training Program

Training Specialist John Aguirre is assigned to this incident.


To receive documented credit for your assignment, scan the QR Code below to register with the Training Specialist



Once registered you will receive additional instructions via email.

For training related questions, call or email John Aguirre (TNSP) at (714) 943-2000 or

tnspaguirre@gmail.com

1. Incident Name				2. Operational Period				
Willow Fire				Date/Time: 6/20/21 (0700-1900)				
3. Ambulance Services								
Name	Location (Address)			Phone	Advanced Life Support (ALS) Yes No			
American Medical Response AMR	Station 37 – Soledad American Medical Ambulance 525 Monterey St. Soledad, CA			ECG 831-796-6444	X			
American Medical Ambulance AMR	124 ½ N. 2 nd St. King City, CA			ECG 831-796-6444	X			
4. Air Rescue / Air Ambulance Services								
Name	Location & Phone			Type of Aircraft & Capability				
CALSTAR 5	Salinas 800-252-5050			1 Patient, No Hoist (ETA 20-40 min)				
CALSTAR 14	Watsonville 800-252-5050			1 Patient, No Hoist (ETA 20-40 min)				
CALSTAR 2	Gilroy 800-252-5050			1 Patient, No Hoist (ETA 20-40 min)				
FHL Mercy Air (MA-20) 2 ships	FHL ECC 831-386-2526			2 Patient, No Hoist				
5. Hospitals (all times estimated from incident location)								
Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time (From ICP) Air Gnd		Phone	Helipad Yes No		Address
George Lee Memorial (Basic care)	Lat:	N 36 12.3742'	N/A	5 min	831-385-7220	X		300 Canal St. King City, CA
	Long:	W 121 07.9693'						
Natividad Medical Center (Level II Trauma)	Lat:	N 36 41.8002'	30 min	50 min	831-755-6268	X		1441 Constitution Blvd. Salinas, CA
	Long:	W 121 37.9853"						
Santa Clara Valley Medical (Level I Trauma/ Burn)	Lat:	N 37 18.7713'	40 min	100 min	408-885-6912	X		751 S. Bascom Ave San Jose, CA
	Long:	W 121 55.9960						
Community Regional Medical Center (Level I Trauma/Burn)	Lat:	N 36 44.5702'	50 min	2 ½ hrs	559-459-4220	X		2823 Fresno St. Fresno, CA
	Long:	W 119 47.0913						
6. Division / Crew Emergency Pre-Plan <i>Update and discuss with assigned resources daily.</i>								
Fireline EMT / Medic's Division / Branch / Location								
Air Hoist site location site: Lat: / Long: / Elevation:								
Helispot: Lat: / Long: / Elevation:								
MED LZ:								
7. Prepared By (Medical Unit Leader)		8. Date/Time		9. Reviewed By (Safety Officer)		10. Date/Time		
MEDL Erik Nelson MEDL Scott Hamilton		6/19/2021 2100		SQUAD Tom Sherman 		6/19/2021 2100		

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 POINT OF CONTACT BY NAME AND POSITION AND ANNOUNCE **"MEDICAL EMERGENCY"** TO INITIATE RESPONSE FROM COMMUNICATIONS

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 Division W Medical, POC is TFLD Jones. EMT Smith is providing medical care."

Severity of Emergency AND Transport Priority (Priority 1, 2, 3)	<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		Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)
Transport Request		Air Ambulance / Short Haul/Hoist Ground Ambulance / Other
Patient Location		Descriptive Location & Lat. / Long. (WGS84)
Incident Name		Geographic Name + "Medical" (Ex: Trout Meadow Medical)
On-Scene Point of Contact		Name of on-scene POC of Incident within an Incident (Ex: TFLD Jones)
Crew Patient Care		Name of Care Provider (Ex: EMT Smith)

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

Patient Assessment: (IRPG PAGE 106)	Age:	Weight:	Chief Complaint:
Skin Signs: (color/moisture/temp)	Level of Consciousness:	BP:	HR: Respirations:
Treatment:			

4. TRANSPORT PLAN:

Evacuation Location (drop point, intersection, helispot, Lat. / Long, hazards) Patient's ETA to Location:

5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:

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

*** Follow up with MEDL upon return to ICP ***

