

Oak Fire

AZ-CNF-000670/P3H56L (0305)



Incident Action Plan
Day Operational Period
July 6-10, 2014

INCIDENT OBJECTIVES	1. Incident Name	2. Date	3. Time
	Oak	07/5/2014	1600

4. Operational Period
07/06-10/2014 DAY 0630-2000

5. General Control Objectives for the Incident (include alternatives)
1. Provide for firefighter, aviation, and public safety.
 2. Prevent fire from spreading to private lands and protect historic structures.
 3. Try to contain fire activity within the defined Planning Area, specifically South and West of private and State land, East of Rattlesnake and North of High Creek.
 4. Manage this natural ignition fire to improve wildlife habitat and forage; improve rangeland conditions; watershed conditions; improve forest health.
 5. Minimize fire severity impacts to T&E habitat (i.e. Chiricahua Leopard Frog, Mexican spotted owl). Try to maintain buffer zones to trap sediment.
 6. Utilize Minimum Impact Suppression Tactics (MIST) when conducting fire management operations in the Wilderness.
 7. Work with media outlets and social media tools to provide the public timely and accurate information.

6. Weather Forecast for Period

See attached Weather Forecast

7. General Safety Message

Driving on Forest Roads takes your full attention!

8. Attachments (mark if attached)

X	Organization List - ICS 203		Incident within Incident		
X	Div. Assignment Lists - ICS 204	X	Air Operations -ICS 220		
X	Communications Plan - ICS 205	X	Safety message		
X	Medical Plan - ICS 206			X	Unit Log-ICS 214

9. Prepared by (Planning Section Chief) Doug Hardy	10. Approved by (Incident Commander) Buddy Zale ICT3
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ORGANIZATION ASSIGNMENT LIST		
1. Incident Name Oak		
2. Date 07/5/2014	3. Time 1500	
4. Operational Period 07/06/2014 Day 0630-2000		
Position	Name	
5. Incident Commander and Staff		
Incident Commander	Buddy Zale	7/18
Incident Commander	Darrel Howell (T)	7/6
Safety Officer	John McGee 7/8 Mike Cachero (T) 7/7	
Safety Officer		
Information Officer	Anna Iwaki (t)	
Information Officer	Heidi Schewell Jerry Perry	
6. Agency Representative		
Agency Rep	Kent Ellett	
Resource Advisors	Anne Casey James Heitholt	
State of Arizona		
Graham County		
7. Planning Section		
Plan Section Chief	Doug Hardy	7/8
Resources Unit	Jay Yancick	7/9
SOPL	Mark Pater	7/9
Fire Behavior Analyst		
LTAN		
Status Check-in		
Computer Tech		
GIS Specialist	Devin Quintana 7/6 Sharisse Fisher (T) 7/10	
8. Logistics Section		
Chief	Dean McAllister	7/7
Chief		
Facilities Unit	Al Kingsley	7/16
Ground Support		
Purchasing	Howard Okamoto	7/17
Communications Unit		
Medical Unit	John Conger	7/14
Food Unit Leader	Earl Christian	7/10
Base Camp Manager		
Base Camp Manager		

9. Operations Section		
Chief	Roy Hall	7/14
Planning Ops		
a. Division/Groups		
Branch Director		
Deputy		
Division/Group	T	Larry Bear 7/8
Division/Group		
Division/Group	U	Darrell Miller 7/8
Division/Group	V	Gary Cordes 7/8
Structure Group		
Division/Group		
b. Division/Groups		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
c.		
Branch Director		
Division/Group		
Division/Group		
Division/Group		
d.		
Division/Group		
Division/Group		
Division/Group		
d. Air Operations Branch		
Air Operations Branch Director	Don Clark	7/9
Air Support Group Supervisor	Rob Zielke	
Air Tactical Group Supervisor		
Helibase Manager		
Helicopter Ignitions Manager		
Helicopter Manager		
Air Tanker Coordinator		
10. Finance Section		
Time Unit	Lisa Angle	7/9
Cost Unit	Norene Norris	7/6
Personnel Recorder		
Prepared by PSC2		
Douglas Hardy		

.DISCUSSION...

WEATHER CONDITIONS ON SUNDAY WILL BE SIMILAR TO SATURDAY. LIGHT WINDS IN THE MORNING WILL BECOME NORTHWESTERLY DURING THE DAY...AND FINALLY WESTERLY BY THE EVENING. SOME OVERNIGHT SHOWERS ARE POSSIBLE OVERNIGHT TONIGHT...WITH ANOTHER ROUND OF SPOTTY AFTERNOON

THUNDERSTORMS ON SUNDAY AND MONDAY. SO THE MAIN CONCERN IS FOR STRONG AND ERRATIC GUSTY WINDS WITH ANY NEARBY THUNDERSTORMS.

.SUNDAY...

SKY/WEATHER.....MOSTLY CLOUDY. CHANCE OF SHOWERS AND THUNDERSTORMS IN THE AFTERNOON.

MAX TEMPERATURE.....91 TO 94 DEGS.

MIN HUMIDITY.....29 TO 32 PCT.

20-FOOT WINDS.....NORTHWEST 4 TO 9 MPH.

LAL.....2 UNTIL NOON...THEN 4.

CHANCE OF RAIN.....30

PERCENT.

HAINES INDEX.....3 VERY LOW.

.SUNDAY NIGHT...

SKY/WEATHER.....MOSTLY CLOUDY THEN BECOMING PARTLY CLOUDY. CHANCE OF SHOWERS AND THUNDERSTORMS IN THE EVENING...THEN SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS AFTER MIDNIGHT.

MIN TEMPERATURE.....AROUND 70 DEGS.

MAX HUMIDITY.....65 TO 68 PCT.

20-FOOT WINDS.....WEST 3 TO 6 MPH.

LAL.....3.

CHANCE OF RAIN.....30 PERCENT.

HAINES INDEX.....3 VERY LOW.

.MONDAY...

SKY/WEATHER.....PARTLY CLOUDY THEN BECOMING MOSTLY CLOUDY. CHANCE OF SHOWERS AND THUNDERSTORMS IN THE AFTERNOON.

MAX TEMPERATURE.....90 TO 93 DEGS.

MIN HUMIDITY.....27 TO 30 PCT.

20-FOOT WINDS.....WEST 4 TO 9 MPH.

LAL.....2 UNTIL NOON...THEN 4.

CHANCE OF RAIN.....50 PERCENT.

HAINES INDEX.....3 VERY LOW.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 8	TYPE OF FIRE: Wildfire
FIRE NAME: Oak	OPERATIONAL PERIOD: 5 Day 7/6-11/2014
DATE ISSUED: 7/5/2014	TIME ISSUED: 2000
UNIT: Coronado Nat'l Forest, Safford RD	SIGNED: _____
	Typed/printed: Ryan Whiteaker, FBAN

INPUTS

WEATHER SUMMARY:

PLEASE SEE THE ATTACHED SPOT WEATHER FORECAST AND ASSOCIATED 7 DAY OUTLOOK MATRIX.

OUTPUTS

FIRE BEHAVIOR

GENERAL: With the seven day forecast calling for elevated humidities and chances of precipitation the fire behavior will be decreased over the next several days to week. Nighttime humidity recovery is predicted to be very good as well. Fire behavior will stay subdued for the majority of the forecast period. When the sun hits the areas that have some heat remaining we may see some activity increase for a short period in the late morning or early afternoon. Strong and gusty outflow winds could aid in the increase in activity in the afternoon as well.

The fuel moisture readings are: 1000 hrs are at 3% at noon creek and 7% in Shake Trail. The 100 hour fuel moistures in the same sample sites are in the very low single digits. Live fuel moistures are 87% in the Manzanita, 92% in the Juniper, 93% in the Emery Oak and 88% in the AZ White Oak. The burning period tends to be 0900 to 2000- 2200 at most elevations although it has started as early as 0700 and go well into the night. Most of these values will be on the rise now.

ROS: 10-15 ch/hr. FL: 5-10 feet. Higher with alignment. PIG:50% (NOTE): these values will vary depending on amount and location of activity and associated with the moisture as well.

SPECIFIC:

DIV U: Any remaining heat could have an increase in activity associated with solar radiation and thunderstorm outflow. Pay close attention to storm activity in the area.

DIV T: Any remaining heat could have an increase in activity associated with solar radiation and thunderstorm outflow. Pay close attention to storm activity in the area

DIV V: Any remaining heat could have an increase in activity associated with solar radiation and thunderstorm outflow. Pay close attention to storm activity in the area.

IA: Could see rapid rates of spread with new starts. Most starts will be near thunderstorm activity and outflow winds.

AIR OPERATIONS: Expect more cloud build up this afternoon. Turbulence will increase with these clouds and outflow winds could be very strong. Strong outflow winds could impact helicopter operations this afternoon.

SAFETY.

Outflow winds could cause some issues if a cell passes over the fire. This time of year rains can be short duration but high intensity. Stay alert for IA activity and the potential for rapid rates of spread in areas that may not have seen moisture yet.

"He once stopped a tidal wave.....by waving back."
The Most Interesting Man in the World

DIVISION ASSIGNMENT LIST		1. Branch I		2. Division/Group T/V			
3. Incident Name Oak		4. Operational Period Date: July 6, 2014 Time: 0630 – 2000 hours					
5. Operations Personnel							
Strategic Operations		Division/Group Supervisor	Larry Bear 7/8				
Planning Operations		Air Tactical Group Supervisor					
Line Operations	Roy Hall 7/16						
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
T2 DOC Ft Grant 7/9		L. Vizcaino	20	N	0630	2000	
BLM Crew 4 7/16		J Ziegler	20	N	0630	2000	
Saguaro WFM 7/9		J. Thivener	9	N	0630	2000	
T6 E-541		D Ostler	3	N	0630	2000	
T6 E-542		J Nicholas	3	N	0630	2000	
T4 FS Dozer 7/15		D Mayer	1	N	0630	2000	
7/16							
Chipper/Dump Truck				N	0630	2000	
SOF2 7/9		Steve Hensel	1	N	0630	2000	
READ 7/7		James Heitholt	1	N	0630	2000	
READ		Greg Sasek	1	N	0630	2000	
EMT		John Conger	1	N	0630	2000	
7. Control Operations							
Prep possible check lines.							
Use Chipper to reduce ladder fuels for possible black line operations.							
8. Special Instructions:							
Place flagging on all proposed lines to maintain clarity.							
Strategically locate a T6 Engine towards Bonita for possible IA.							
Strategically locate a T6 Engine towards Klondyke for possible IA.							
BLM Crew to be available for Initial Attack							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command		King	12	Logistics			
Tactical Div/Group	Tac 3	King	11	Air to Ground	See Comm Plan		
Prepared by (Resource Unit Leader) D Hardy		Approved by (Planning Section Chief) Doug Hardy		Date 7/5/2014		Time 1800	

Division Assignment List			1. Branch I		2. Division/Group U		
3. Incident Name Oak			4. Operational Period Date: July 6, 2014 Time: 0630 – 2000 hours				
5. Operations Personnel							
Strategic Operations				Division/Group Supervisor		Darrell Miller 7/8	
Planning Operations				Air Tactical Group Supervisor			
Line Operations		Roy Hall 7/16					
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
T1 Ironwood IHC 7/7		Brian Robinson		20	N	0630	2000
T1Globe IHC 7/8		Candice Kutrosky		20	N	0630	2000
SOF2 7/8		D. McRae		1	N	0630	2000
EMTB 7/6		A. Egurrola		1	N	0630	2000
7. Control Operations Continue to assess holding opportunities within the Division. Continue structure protection at Powers Garden and for other structures to the South.							
8. Special Instructions: Globe IHC will fly out of Powers Garden to Rattlesnake Spike to get vehicles and then drive to High Creek in Div T/V to assist in ongoing chipper operation. SOF, EMT and DIVS will fly out to return to Spike and then ICP Ironwood will fly out to Deer Creek helibase for afternoon demobilization.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command		King	12	Logistics			
Tactical Div/Group	Tac1	King	9	Air to Ground			
Prepared by (Resource Unit Leader) D Hardy		Approved by (Planning Section Chief) Doug Hardy			Date 7/5/2014		Time 1800

AIR OPERATIONS SUMMARY

PREPARED BY: Don Clark

PREPARED DATE/TIME: 07/15/2014 14:30

1. INCIDENT NAME: Oak Fire
 2. OPERATIONAL PERIOD DATE: 7/6/14 thru 7/10/2014 START TIME: 08:00 END TIME: 19:00
 Oak Helibase - SUNRISE: 05:14 SUNSET: 19:31 Cutoff: 20:01

3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): High Density Altitude, Dust, Smoke.
 STAY CLEAR OF APPROACH AND DEPARTURE PATHS WHEN AIRCRAFT ARE DROPPING WATER! (IRPG Pg.62)
 WATCH OUT FOR HEAVY SMOKE CONDITIONS THAT CAN IMPEDE VISIBILITY AND OPERATIONAL SAFETY.
 MAINTAIN CLEAR COMMUNICATIONS BETWEEN AIRCRAFT AND GROUND CONTACTS.
 WHEN DIRECTING A PILOT IN TO A LANDING OR DROP ZONE, USE THE CLOCK POSITION FROM THE PILOT'S PERSPECTIVE -- SEE IRPG COVER. (IRPG Pg.65)
 MAINTAIN CLEAR COMMUNICATIONS WITH ATGS AND OTHER AIRCRAFT TO PROMOTE COLLISION AVOIDANCE.
 THUNDERSTORMS CAN CAUSE SEVERE TURBULENCE AND MAY HALT FLIGHT OPERATIONS.

ALL PILOTS NEED TO SQUAWK 1255

6. PERSONNEL	Phone	7. FREQUENCIES	AM	FM	8. FIXED-WING	# Avail / Type/ Make-Model / FAA N# / Base(s)
AOBD: Don Clark	928-245-2539	AIR/AIR FW:	123.125		Airtankers Water / Retardant	Willcox/Safford/Libby/Gateway
ATGS: RJ Estes	520-507-3350	AIR/AIR RW:	123.125		Leadplanes	TBA
ATGS: Ed Encinas	520-954-2358	AIR/GROUND:		168.6625	ATGS Aircraft	Air Attack over Fire at 0900 C90 King Air N36889
HEB2: Rob Zielke	970.232.5458				Other:Tenders	Track all water used and record gallons Report those amounts To Helibase.
Tenders: Chuck Turner	480-329-3693	DECK FREQ:		163.1000		
		AIR GUARD:		168.6250 (110.9 RXTX)		
						Water Tenders To Be Released 7/6 E-11 release date TBD

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
1HQ	3	A-Star	Safford	0730	0800	IA PRIORITY Release date TBD	73H	2	Bell 205 ++	Safford	0730	0800	IA PRIORITY Release date TBD
2TA	3	A-Star	Safford	0730	0800	PSD/Logistical Release date 7/7	1SC	2	Bell 212 HP	Safford	0730	0800	Logistical/Tactical Release date 7/7
							795	1	CH54A	Safford	0730	0800	Tactical Support Release date 7/10

APPROVAL: /s/ Don Clark

Type 1 (Heavy) and Type 2 (Medium) Helicopters. Steady winds shall not exceed 40 knots, or a maximum gust spread of 15 knots.
 Type 3 (Light) Helicopters. Steady winds shall not exceed 30 knots, or a maximum gust spread of 15 knots.

Incident: Oak Fire	Date: July 6-10, 2014	0700 - 2000
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Health and Safety Message

It's better well done than well said



Driving:

Roads are going to get wet, so pay attention for flooding and rutting when they dry. Defensive driving with seat belts and lights on is still critical. Roads are steep, rocky and rough on tires. Dust on the roads is still with us so again slow down and move over for others (especially vehicles with more lug nuts than you). When demob'ing or traveling long distances, don't forget the 10-hour and 2200 hrs. limitations.

Complacency

Fire behavior has moderated significantly and your work assignments can become tedious and repetitive. So, keeping your head in the game will challenge all of us. Use your down time wisely with meaningful work or other activities (e.g. tailgate safety reviews, training sessions, etc.). It will challenge your mental discipline.

Fire Weather

The weather has definitely changed. Thunderstorms, downdrafts, rain and possibly hail will probably be daily occurrences. Again, review p. 21 in your IRPG, and have a plan to deal with lightning, high winds, and rain/mud before they happen. The commo between all units has been outstanding – continue passing along your observations.

Communications

Establish and test the communication system, including Tac, Command, and Air to Ground channels before you need them. There will be dead spots caused by elevation and topographical features so use human repeaters if necessary. Cell phone coverage may be poor, spotty or non-existent.

Accident/Injury Procedures

In your daily safety sessions, practice “What if...” scenarios about how you would medevac a serious injury from your location. Review section 8 of the ICS 206 (Medical Plan) and pages 108 & 109 in your IRPG. It is still hot and dry so maintain your hydration and keep an eye on each other for heat-related injuries.

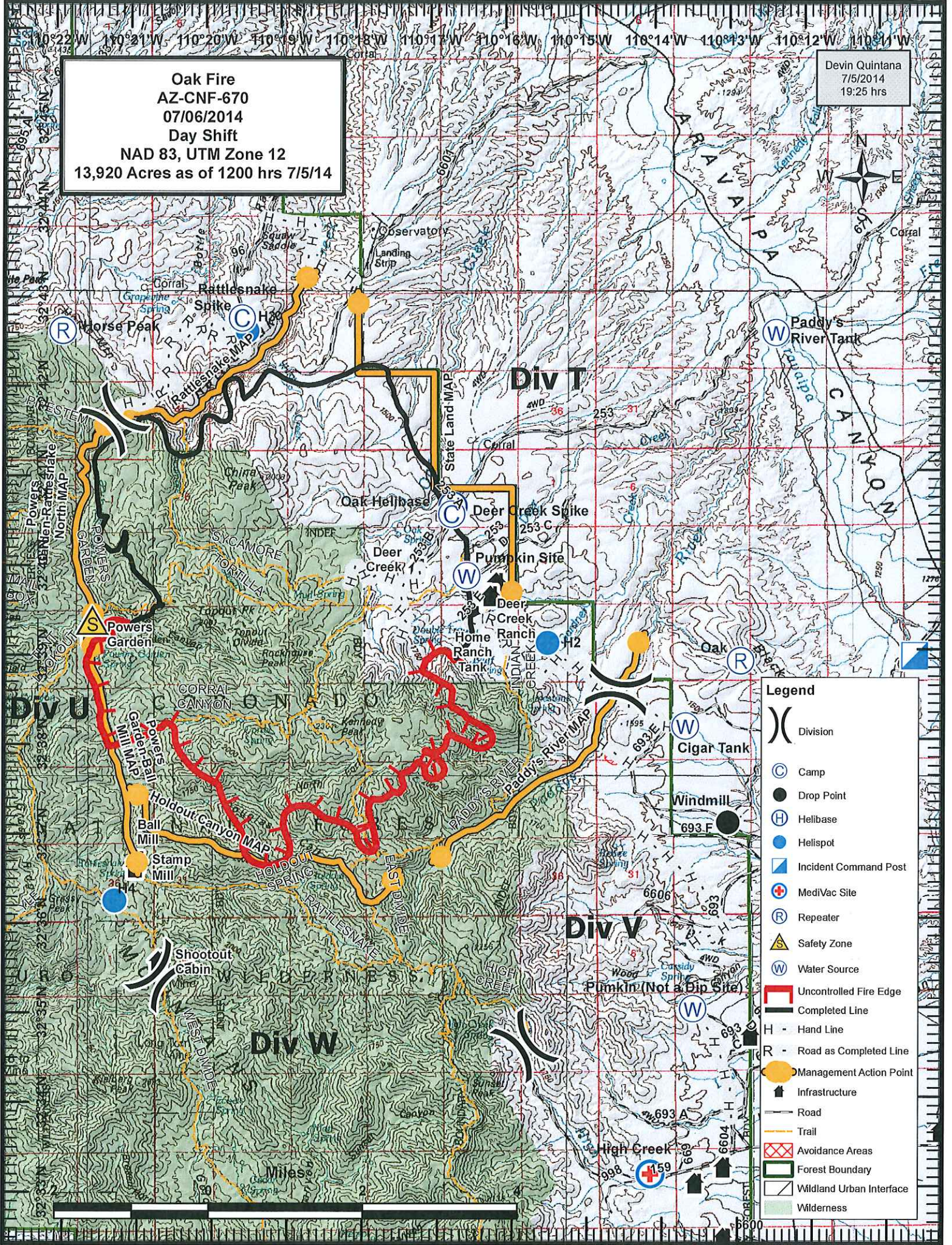
Safety Officers: John McGee, Mike Cachero (T)

INCIDENT RADIO COMMUNICATIONS PLAN ICS 205 (9/96)		1. INCIDENT NAME	2. DATE/TIME PREPARED	3. OPERATIONAL PERIOD DATE/TIME		
		Oak	1930	7/3/2014		
4. BASIC RADIO CHANNEL UTILIZATION						
SYSTEM/ CACHE	GE CHANNEL	KING CHANNEL	FUNCTION	FREQUENCY	ASSIGNMENT	REMARKS
		1		RX 169.6000 TX 169.6000 TX Tone 100.0	Admin Simplex	1 West Peak 2 Mule 3 Atascosa/Antelope
		2		RX 169.6000 TX 170.5250 TX Tone 103.5	Admin RPT	4 Bigelow 5 Hopkins 6 Heliograph
		3		RX 168.1500 TX 168.1500 TX Tone 107.2	Fire Simplex	7 Red Mountain 8 Mt. Lemmon 9 Monte Vista
		4		RX 168.1500 TX 172.2750 TX Tone 110.9	Fire RPT	10 Mobile Rpt 1 11 Mobile Rpt 2
		5		RX 151.4000 TX 159.4050 TX Tone 114.8	AZ STATE Fire	<u>Incident Repeaters, You</u>
		6		RX 154.2800 TX 154.2800 TX Tone 118.8	Mutual Aid	*Note
		7		RX 173.8250 TX 166.3125 TX Tone 123.0	BLM Rpt	Press zero (0) on the keypad to hit Oak Fire Repeater
		8		RX 163.7125 TX 163.7125 TX Tone 127.3	Common	
		9	DIV U	RX 168.050 TX 168.050 TX Tone 131.8	Oak TAC 1	
	-	10		RX 168.200 TX 168.200 TX Tone 141.3	Oak TAC 2	
	-	11	DIV T/V	RX 168.600 TX 168.600 TX Tone 156.7	Oak TAC 3	
	-	12	Command	RX 167.1000 TX 169.7500 TX Tone 162.2	Oak RPT	
	-	13		RX 168.6625 TX 168.6625	A/G56	
		14		RX 166.9625 TX 166.9625	A/G 32	
		15		RX 170.6875 TX 166.5750 TX Tone 162.2	Horse Rpt	
		16		RX 168.6250 TX 168.6250 TXRX Tone 110.9	Air Guard	
ICS 05 9/96		5. PREPARED BY (COMMUNICATIONS UNIT)				

MEDICAL PLAN	1. Incident Name OAK FIRE	2. Date Prepared 6/27/14	3. Time Prepared 0900	4. Operational Period ALL	
5. Incident Medical Aid Station					
Medical Aid Stations	Location			Paramedics Yes No	
Medic John Conger	ICP/ Div T / Div V			X	
EMTB Andres Egurrola	Div U			X	
6. Transportation					
A. Ambulance Services					
Name	Address	Phone	Paramedics Yes No		
Southwest	209 9 th St. Safford, AZ	(928) 348-9896	X		
B. Air Ambulances					
Name	Location	Phone	Paramedics Yes No		
Ranger 54	Willcox Airport	(520) 746-4609	X		
Air Evac	Safford	(800)642-7828	X		
Life Net	Willcox	Thru Dispatch	X		
7. Hospitals					
Name	Address	Travel Time Air Ground	Phone	Helipad Yes No	Burn Center Yes No
Mount Graham Regional Hosp	1600 S, 20 th Ave Safford, AZ	15-30 Min 1-2 hour	(928) 348-4000	X	X
TMC	5301 E, Grant Rd. Tucson, AZ	45 Min 3-4 hour	(520)873-3000	X	X
Northern Cochise Hospital	Willcox, AZ	30 Min 1.5 hour	(520) 384-3541	X	X
St. Joseph's Hospital	350 N. Wilmot Tucson, AZ	45 Min 3-4 hour	(520)873-3000	X	X
UAMC	1501 N. Campbell Tucson, AZ	50 Min 4-5 hour	(800) 524-4784	X	X
8. Medical Emergency Procedures					
In the event of a medical emergency the On-scene IC will provide the following information to Dispatch:					
1. Declare the nature of the emergency.					
a. Medical injury/illness? If injury or illness is Life threatening? (Medical transport vs. Medical Emergency).					
2. If Life threatening, request that the designated frequency be cleared for Emergency traffic.					
3. Identify an On-scene Incident Commander by Last Name (i.e. Jones).					
4. Identify nature of the incident, number of injured, patient assessment(s), and location (geographic and GPS)					
5. identify On-scene medical personnel (i.e. Smith).					
6. Identify preferred method of patient transportation from scene.					
7. Request any additional resources and/or equipment needed.					
8. Document all information received and transmitted on the phone and radio.					
9. Identify any changes in the On-scene IC or Medical personnel as they occur. REFER TO IRPG PG. 108-109					
Prepared by (Medical Unit Leader) John Conger CEP (EMPF)			10. Reviewed by (Safety Officer) Mike Cachero SOF2 (t)		

Devin Quintana
7/5/2014
19:25 hrs

Oak Fire
AZ-CNF-670
07/06/2014
Day Shift
NAD 83, UTM Zone 12
13,920 Acres as of 1200 hrs 7/5/14



Legend

- () Division
- (C) Camp
- (●) Drop Point
- (H) Helibase
- (●) Helispot
- (▲) Incident Command Post
- (+) MediVac Site
- (R) Repeater
- (▲) Safety Zone
- (W) Water Source
- (Red Line) Uncontrolled Fire Edge
- (Black Line) Completed Line
- H - Hand Line
- R - Road as Completed Line
- (Yellow Circle) Management Action Point
- (House Icon) Infrastructure
- (Grey Line) Road
- (Orange Line) Trail
- (Red X) Avoidance Areas
- (Green Line) Forest Boundary
- (Diagonal Lines) Wildland Urban Interface
- (Green Area) Wilderness



