

DOBSON KNOB FIRE

NC-NCS-170029
McDOWELL COUNTY



April 17, 2017 – April 19, 2017

Monday - Wednesday

Day 0800-2000 hrs.

INCIDENT OBJECTIVES	1. INCIDENT NAME Dobson Knob	2. DATE PREPARED 4/16/2017	3. TIME PREPARED 2100									
4. OPERATIONAL PERIOD (DATE/TIME) April 17 - 19, 2017 0800-2000												
5. GENERAL CONTROL OBJECTIVES FOR THE INCIDENT (INCLUDE ALTERNATIVES) <u>Control Objectives</u> 1) Providing for the safety of the general public and firefighters through: <ul style="list-style-type: none"> - Adherence to The 10 Standard Fire Orders, - Mitigate the 18 Situations That Shout Watch-Out, - Implement and maintain LCES - Conduct frequent Risk Assessments - Maintaining a 2/1 work rest ratio. - STOP, THINK, TALK, ACT 2) Maintain the fire within the current footprint: 3) Mop up as needed to maintain containment. <u>Management Objectives</u> 1) Keep the public and local officials, as well as incident stakeholders informed of fire status through timely situation updates and personal contacts. 2) Provide accurate cost accounting and documentation of the incident in accordance with the NCFS Incident Business Handbook and USFS Incident Business procedures. 3) Ensure that all trainees receive a quality training assignment												
6. WEATHER FORECAST FOR OPERATIONAL PERIOD Day Shift conditions: Temp 72 RH 52 Winds SW @ 5 - 8; Tstorms w/ hail, lightning, gusty PM												
7. GENERAL SAFETY MESSAGE <ul style="list-style-type: none"> • Drive with headlights on. Drive defensively on curvy roads and trails • Ensure LCES are in place and maintain 10's and 18's • Maintain safe distance when working with heavy equipment • Beware of steep slopes, rough terrain, and cliffs 												
8. ATTACHMENTS (✓ IF ATTACHED) <table style="width: 100%; border: none;"> <tr> <td><input checked="" type="checkbox"/> ORGANIZATION LIST (ICS 203)</td> <td><input checked="" type="checkbox"/> MEDICAL PLAN (ICS 206)</td> <td><input checked="" type="checkbox"/> SAFETY MESSAGE</td> </tr> <tr> <td><input checked="" type="checkbox"/> ASSIGNMENT LIST (ICS 204)</td> <td><input checked="" type="checkbox"/> INCIDENT MAP</td> <td><input checked="" type="checkbox"/> PHONE LIST</td> </tr> <tr> <td><input checked="" type="checkbox"/> COMMUNICATIONS PLAN (ICS 205)</td> <td><input checked="" type="checkbox"/> TRAVEL MAP</td> <td><input type="checkbox"/></td> </tr> </table>				<input checked="" type="checkbox"/> ORGANIZATION LIST (ICS 203)	<input checked="" type="checkbox"/> MEDICAL PLAN (ICS 206)	<input checked="" type="checkbox"/> SAFETY MESSAGE	<input checked="" type="checkbox"/> ASSIGNMENT LIST (ICS 204)	<input checked="" type="checkbox"/> INCIDENT MAP	<input checked="" type="checkbox"/> PHONE LIST	<input checked="" type="checkbox"/> COMMUNICATIONS PLAN (ICS 205)	<input checked="" type="checkbox"/> TRAVEL MAP	<input type="checkbox"/>
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9. PREPARED BY (PLANNING SECTION CHIEF) <i>Don Watson</i>		10. APPROVED BY (INCIDENT COMMANDER) <i>Kevin Harwell</i>										

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name Dobson Knob Fire		Field Ops	
		Planning Ops	
		a. Branch I	
2. Date April 16, 2017	3. Time 1500	Branch Director	
4. Operational Period April 17-19, 2017 0800-2000		Division/Group	C/J/S/Z
		Division/Group	
5. Command and General Staff		Division/Group	
Incident Commander	Lee Wicker/James Caddy (T)	Division/Group	
Safety Officers		Division/Group	
		b. Branch II	
Information Officers		Branch Director	
		Division/Group	
		Division/Group	
Liaison Officers		Division/Group	
6. Agency Representatives			
McDowell Co. EM	William Kehler	c. Branch III	
McDowell Co. EM	Craig Walker	Branch Director	
McDowell EM Logistics	Steve Hancock	Division/Group	
NCFS AA	Greg Yates	Division/Group	
USFS AA	Jake Lubera	Division/Group	
USFS AA	Jeff Gardner	Division/Group	
USFS Rep	Greg Philipp	Division/Group	
USFS Rep	Allen Nicholas	d. Branch IV	
Resource Advisor	Chris Williams	Branch Director	
NCFS D-1	Greg Smith	Division/Group	
NCFS McDowell Co.	Scott Ellis	Division/Group	
7. Planning Section		Division/Group	
Chief			
Deputy			
Resources Unit		e. Other Groups	
Situation Unit		Structure Protection Group	
Documentation		Water Handling Group	
Field Observers		Staging	
Demob Unit			
Fire Behavior Analyst			
Status Check-in		f. Air Operations Branch	
GIS		Air Ops Branch Director	
		Air Attack Supervisor	
		Air Support Supervisor	
		Helibase Managers	
8. Logistics Section			
Chief		10. Finance Section	
Deputy		Chief	
Supply Unit		Deputy	
Facilities Unit		Procurement Unit	
Ground Support Unit		Time Unit	
Communications Unit		Cost Unit	Chasity Webb
Communications Tech		Equipment Time Recorder	
Equipment Manager		Personel Time Recorder	
Ordering Manager		Computer Specialist	
Food Unit		Incident Business Advisor	
Medical Unit		Prepared by (Resource Unit Leader)	
Receiving & Dist.		Jim Slye	
Driver	Mike Shaw		

Spot Forecast for Dobson Knob Fire

4/17/2017

.DISCUSSION...

A weak cold front will move into the region late Monday, bringing the chance of showers and thunderstorms to the forecast area Monday and Monday night. This front is expected to drop just south of the forecast area Tuesday and then return north as a warm front on Wednesday. This will keep unsettled weather in the forecast through Wednesday. Another storm system will impact the region next weekend.

.Precipitation...

Precipitation will be scattered in nature with 0.75 to 1.00 inches falling in northern McDowell County through Wednesday.

.Today...

Sky/weather.....Partly sunny (60-70 percent). Scattered showers. Scattered thunderstorms in the afternoon moving east 20 mph. Small hail, lightning and gusty winds.

Max temperature.....Around 72.

Min humidity.....52 percent.

Wind (20 ft).....Southwest winds 5 to 8 mph. Gusty and erratic winds expected near thunderstorms in the afternoon.

Mixing height.....400-1900 ft AGL, increasing to 2600-4100 ft AGL late in the morning, then increasing to 3300-4900 ft AGL early in the afternoon, decreasing to 2600 ft AGL late.

Transport winds.....West 5 to 14 mph.

Smoke dispersal.....Poor to good (1400-41600 knot-ft).

LVORI.....3.

ADI.....9, increasing to 28 late in the morning, then increasing to 30 early in the afternoon, decreasing to 22 late.

Stability class.....4.

Pcpn amount.....0.18 inches.

Ceiling (FT).....4500.

Visibility (SM).....7 until late afternoon.

Sfc pressure (in)...27.74.

Inversion.....Steep. Burnoff at 1000 AM. 55 F.

TIME (EDT)	6 AM	8 AM	10 AM	NOON	2 PM	4 PM
Sky (%)	47	54	63	73	83	85
Weather cov	ISOLTD	ISOLTD	SCTTRD	SCTTRD	SCTTRD	SCTTRD
Weather type	RNSHWR	RNSHWR	RNSHWR	RNSHWR	RNSHWR	RNSHWR
Tstm cov				ISOLTD	SCTTRD	SCTTRD
Temp	57	58	64	68	71	71
Dewpoint	51	52	52	53	52	53
RH	82	78	65	58	52	52
20 ft wind	W 7	W 7	W 6	W 6	W 6	W 6
20 ft wind gust	15	15	15	15	15	15
Mix hgt (ft)	400	400	1900	3400	4900	3300
Transport wind	W 5	W 6	W 12	W 14	W 10	W 9
LVORI	5	4	3	1	2	2
ADI	4	6	23	34	30	24
VRate kt-ft/1000	2	3	21	40	41	28
Ceiling (hft)	60	50	50	50	50	45
Visibility (sm)	9	9	9	9	7	
Sfc pres (in)	27.80	27.80	27.81	27.80	27.78	27.76

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 6	TYPE OF FIRE: Wildfire
FIRE NAME: Dobson Knob Fire	OPERATIONAL PERIOD: 4/17 – 19/2017 Day
DATE ISSUED: 4/16/2017	TIME ISSUED: 1900
UNIT: USFS Grandfather District	Signed: David Greathouse - FBAN <i>/s/ David Greathouse</i>

WEATHER:

****Showers and Thunderstorms Ahead of a Cold Front Today - LAL – 3****

See spot weather forecast for details



Grandfather RAWS

Local weather thresholds that shout watch out:

Temperatures above 60°, Relative Humidity's below 25%, Eye Level Winds Greater than 4mph

FUELS:

This fire is burning in a mixed pine and hardwood forest (FM 9, 10). Mountain Laurel can be found in the understory especially on the South and West facing slopes. Fuels can be characterized as average to slightly dry for this time of year. The ERC-G is tracking slightly above average for this time of year but still below the 90th percentile. 100 hour fuels may contribute to fire intensity and completely consume, however the 1000 hour fuels are still too moist to contribute.

Forecasted NFDRS Indices (Grandfather RAWS)

	ERC-G	100FM	1000FM
4/17/2017	30	13%	19%
4/18/2017	29	14%	19%
4/19/2017	24	16%	19%

FIRE BEHAVIOR:

All Divisions:

Expect minimal fire behavior. Any residual fire will continue to creep, smolder and back in any islands of unburned fuel. If fire becomes established in unburned fuels, expect forward rates of spread in the surface to be 5-10 chains per hour and flame lengths of 2-4'. Torching in the Mountain Laurel as well as in Pine are possible. As always, be heads up for spot fires, the probability of ignition is 30%-40%

Good Rule of thumb: Cut head fire flame length in half for flanking fire
backing fire is usually 1-2' flame lengths

AIR OPERATIONS:

Smoke may affect visibility in the AM until the inversion lifts, between 0900-1000, then be aware of gusty winds near thunderstorms

SAFETY:

"The difference between being a victim and a survivor is often a low level of situational awareness"

-Barry Eisler

HEALTH AND SAFETY MESSAGE

SAFETY is not just a word; it's an "ATTITUDE"

INCIDENT: Dobson Knob Fire

DATE: 4/17/17 - 4/19/17 TIME: 0800- 2000

Major Hazards and Risks:

- **SNAGS**- Hazard trees, both dead snags and live green trees, are one of the most common risks encountered on the fire line. All fire fighters should frequently survey their work area for potential hazards. **Refer to pages 22 in the IRPG Guide.**
- **DRIVING**- Drive defensively while leaving the ICP. Use passenger as a lookout, navigator, and backing guide. Obey posted speed limits and use seatbelts. Slow down to a safe speed while driving in smoke or dusty road conditions and use headlights for added visibility. When meeting oncoming vehicles slow down and give them the right-away. Keep your windows clean.
- **SLIPS, TRIPS & FALLS**- Be aware of your surroundings. Be careful while walking the fire line because of rock, debris and other tripping hazards. While climbing maintain three points of contacts at all times. Maintain your situational awareness.
- **COMPLACENCY**- Don't let your guard down just because you don't see any smoke or flames. Even though the fire has containment line around it that does not eliminate the dangers. Keep focused on your job.
- **COMMUNICATION**- is always critical on any incident. Tailgate Safety Briefings with all crews before moving to the line will be mandatory. Maintain radio communication between personal and divisions.
- **HEAVY EQUIPMENT**- Be alert when **heavy equipment is working nearby**, the operators are focused on the task at hand, not necessarily your safety. It is your responsibility to stay clear. Be aware of unique hazards during winching, protect hands and stay clear of cable.

Accidents: Contact your supervisor and inform him/her. Follow emergency procedures at bottom of medical plan.

*****Conduct Tailgate Safety Briefings / Briefing Checklist Inside Back Cover of I.R.P.G.**

18 Watchouts Situations

1. Fire not scouted and sized up.
2. In country not seen in daylight.
3. Safety zones and escape routes not identified.
4. Unfamiliar with weather and local factors influencing fire behavior.
5. Uninformed on strategy, tactics, and hazards.
6. Instructions and assignments not clear.
7. No communication link with crewmembers/supervisors.
8. Constructing line without safe anchor point.
9. Building fireline downhill with fire below.
10. Attempting frontal assault on fire.
11. Unburned fuel between you and the fire.
12. Cannot see main fire, not in contact with anyone who can.
13. On a hillside where rolling material can ignite fuel below.
14. Weather is getting hotter and drier.
15. Wind increases and/or changes direction.
16. Getting frequent spot fires across line.
17. Terrain and fuels make escape to safety zones difficult.
18. Taking a nap near the fire line.



SAFETY OFFICERS: Jeff Marshburn, Joe Jones

DIVISION ASSIGNMENT LIST		1. BRANCH		2. Division/Group Charlie/Juliet/Sierra/ Zulu			
3. Incident Name Dobson Knob Fire		4. Operational Period Date: 4/17/17 – 4/19/17 Time: 0800-2000					
5. Operations Personnel							
Operations Chief	Lee Wicker / James Caddy (T)		Division/Group Supervisor				
Branch Director							
6. Resources Assigned This Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	EMT	Number Persons	Trans Needed	Drop Off PT / Time	Pick Up Pt / Time
C-8 HC2IA NCFS Reg 2	Brian Michaelson		1	20	N		
C-9 HC NCFS Reg1 Module	Robb Davis			6	N		
7. Control Operations							
<ol style="list-style-type: none"> 1. Monitor and patrol firelines. 2. Mop up all hotspots that pose any threat of escape. 3. Ensure all rehab/repair is completed and meets agency turnback standards. 4. Police firelines, drop points, and meeting spots. Backhaul trash, flagging tape, and other refuse. 							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx: 151.4750 Tx: 159.3600	NCFS	Group1 Gibbs Peak	Air Guard	Rx: 168.6250 Tx: 168.6250	NCFS	Inc Group Ch 15
Tactical Div/Group	Rx: 151.4000 Tx: 151.4000	NCFS	Inc Group Ch 1	Air to Ground	Rx: 171.5750 Tx: 171.5750	NCFS	8
Prepared By (Resource Unit Leader)		Approved By (Planning Sect. Ch.)		Date		Time	
Jim Slye		Don Watson		4/16/17		2100	

INCIDENT RADIO COMMUNICATIONS PLAN			1. Incident Name Dobson Knob Fire		2. Date/ Time Prepared 4/15/2017 18:50:00 PM		3. Operational Period Date/Time 4/18/17 - 4/20/17 Day Shift	
4. Basic Radio Channel Utilization Mode: W=Wideband, N=Narrowband, D=Digital, M=Mixed								
Radio Type	Channel	Function	Frequency	Tone	Mode	Assignment	Remarks	
	1	Operations	RX: 151.4000	136.5	N	ALL DIVISIONS	INCIDENT GRP CHANNEL#1	
			TX: 151.4000	136.5				
	Group 1	District Rptr	RX: 151.4750	88.5	N	COMMAND	D-1 GIBBS PEAK	
			TX: 159.3600	179.9				
			RX:					
			TX:					
			RX:					
			TX:					
			RX:					
			TX:					
			RX:					
			TX:					
	8	Operations	RX: 171.5750	131.8	N	NC AIR to GROUND	INCIDENT GRP CHANNEL #8	
			TX: 171.5750	131.8				
			RX:					
			TX:					
			RX:					
			TX:					
			RX:					
			TX:					
			RX:					
			TX:					
			RX:					
			TX:					
	15	Emergency	RX: 168.6250		N	AIR GUARD	INCIDENT GRP CHANNEL#15	
			TX: 168.6250	110.9				
			RX:					
			TX:					

5. Prepared by (Communications Unit)
Jimmy Meadows COML

MEDICAL PLAN	1. INCIDENT NAME Dobson Knob Fire	2. DATE PREPARED 4-16-17	3. TIME PREPARED 1830	4. OPERATIONAL PERIOD 4/17/2017 – 4/19/2017 ~ 0800-2000				
5. INCIDENT MEDICAL AID STATIONS								
MEDICAL AID STATIONS		LOCATION			PARAMEDICS			
					YES	NO		
McDowell County EMS Station 1 828-652-3241		41 South Garden St Marion, NC 28752			X			
McDowell County Rescue Squad 828-652-6033		186 State St Marion, NC 28752				X		
6. TRANSPORTATION								
A. AIR AMBULANCE SERVICES								
NAME		LOCATION		PHONE	PARAMEDICS			
					YES	NO		
Mountain Area Medical Airlift (MAMA) Travel time: 20 minutes		Mission Health Memorial 509 Biltmore Ave. Asheville, NC 28801 828-213-1948		911	X			
Wings Air Rescue Travel Time: 30 minutes		Johnson City Medical Center 400 N State of Franklin Rd Johnson City, TN 37604 423-431-6111 (ext. 3)		911	X			
Air Care Critical Care Ambulance – Wake Forest Baptist Travel Time: 50 Minutes		1 Medical Center Boulevard. Winston-Salem, NC 27157 800-336-6224 Air Care Dispatch		911	X			
NC Helicopter and Aquatic Rescue Team (NCHART) Activation: 2-3 Hours		Air National Guard Charlotte, NC (Coordinate through McDowell County EM)		911	X			
B. AMBULANCES – LINE PERSONNEL								
Operational Medical Resources – Day Shift		LOCATION			PARAMEDICS			
					YES	NO		
7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		Y	N	Y	N
McDowell Hospital 35 39.833 -82 01.702	430 Rankin Dr. Marion, NC 28752	N/A	30 min	828-659-5000	X			X
Mission Health Memorial Trauma Center 35 34.596 -82 32.954	509 Biltmore Ave. Asheville, NC 28801	20 min	75 min	828-213-1948	X			X
Wake Forest Baptist Medical Center 36 05.380 -80 16.126	1 Medical Center Boulevard. Winston-Salem, NC 27157	50 min	180 min	336-713-9000 (ER)	X		X	
8. MEDICAL EMERGENCY PROCEDURES								
Emergency Medical Procedures:					Quick Reference Injury Reporting			
<ul style="list-style-type: none"> • Call 911 - McDowell County Communications for all medical/trauma emergencies. • Utilize 9-Line Report to communicate emergency to dispatchers (IRPG pg. 108-109). 					Nature of Emergency _____ # of Patients _____			
					Location of the Incident _____			
					Rescue/Extrication Needs _____			
					Transport Needed by: Air _____ Ground _____			
					Drop Point Destination _____			
					Other Pick Up Location: _____			
Latitude: _____ Longitude: _____								
Is a Medic/EMT with the patient: YES _____ NO _____								
Age: _____								
Sex: Male _____ Female _____								
NOTES:								
9. PREPARED BY (MEDICAL UNIT LEADER) Stuart Scott - MEDL(t)		10. REVIEWED BY (SAFETY OFFICER) Jeffrey Mashburn						
ICS 206 8-78								

IAP Information Talking Points
April 17-19, 2017 (Monday – Wednesday)

- We are all “ambassadors” on the fire. Your communication to walk-up customers speaks well of our firefighting community. Thank you for taking a moment to answer area residents and visitors’ questions.
- If you have some good fire photos to post on INCIWEB, please continue to email them to dobsonknobfireinfo@gmail.com. This Gmail account will remain active and be monitored by NCFS and USFS’s PIO staff.
- Remember this week is Spring Break for many school students; this means lots of visitors and increased traffic; drive carefully and defensively.
- There is a TFR over the fire until April 19th; if you observe unauthorized drones flying over the fire or near containment lines, immediately contact air operations and notify appropriate NCFS staff for LE follow-up action.
- Talking Points for walk-up customer inquiries (as of Sunday, 4/16/2017):
 - Fire is 1,760 acres in size and 96% contained.
 - Most assigned firefighting resources were demobilized Sunday.
 - Fire continues to be monitored from the ground and air.
 - The fire may continue to emit smoke but ground level smoke and haze should dissipate as the week progresses.
 - The Harvell Type 2 IMT transitioned the fire back to NCFS’s Asheville District Type 4 Team on Monday, 4/17/2017.
 - Fire information can be found on INCIWEB which continues to be updated as needed by NCFS and USFS public affair offices.
 - Forest Road and Forest Trail Closures remain in place for public safety; for closure info, visit the National Forests of NC website.

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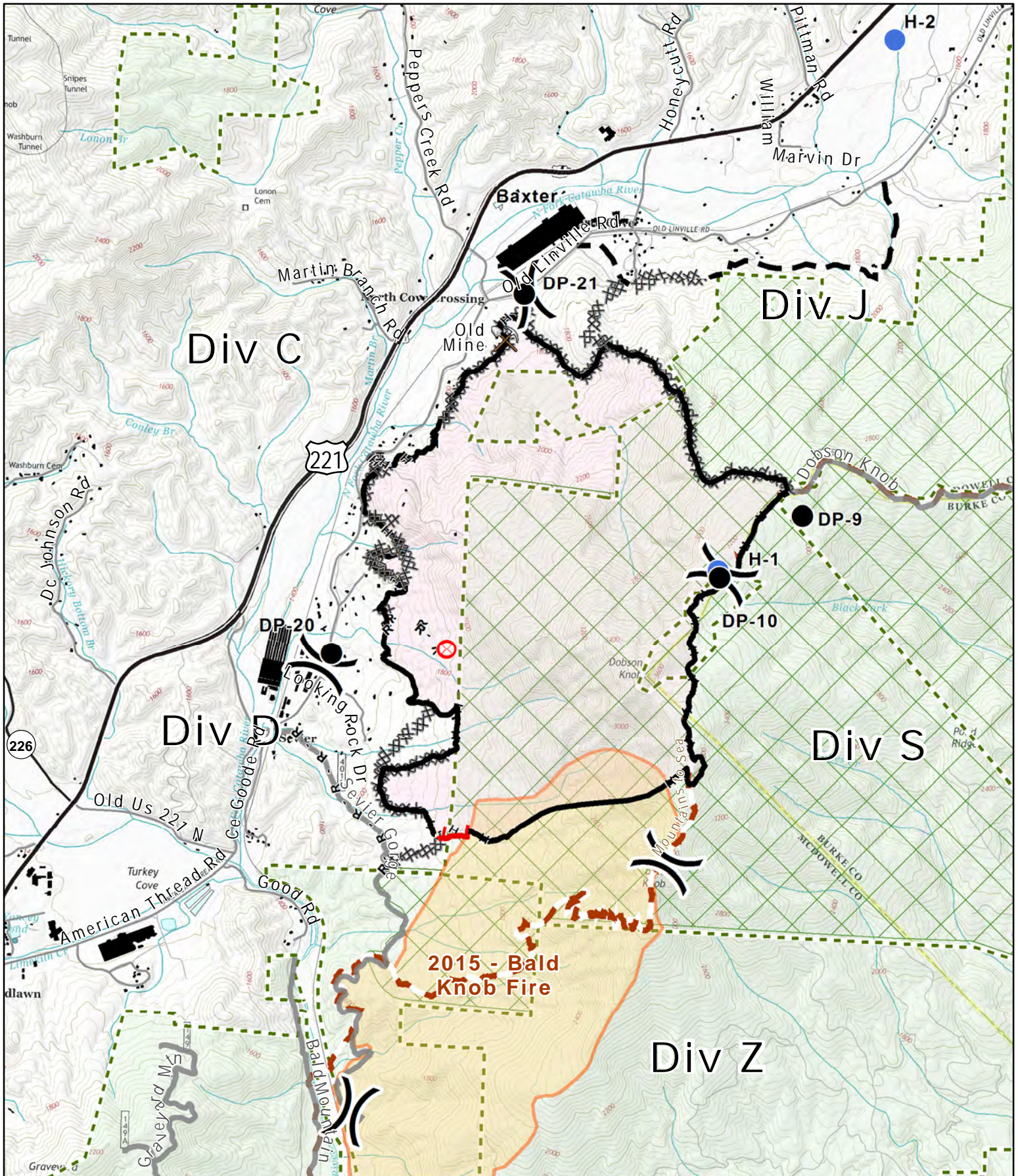


IAP Map

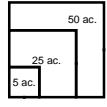
Dobson Knob Fire
NC-NCS-170029
Approximate Acres: 1,760



April 17, 2017



- Division
- Completed Dozer Line
- Uncontrolled Fire Edge
- Completed Line
- Road as Completed Line
- Drop Point
- Hand Line
- Planned Fire Line
- USFS Ownership
- Inventoried Roadless Area
- RAWs Station
- Trail



Information shown is based on the best available data at the time of map production.
Latest intel: 20170415 @ 2100

20170416 @ 2130
Map Datum: NAD83 Feet
Author: D Jones, GISS
0 1,200 2,400 Feet

Line of 9's Report

Date:

Time:

1	PATIENT LOCATION <i>Physical Description</i>	Lat/ Lon Use Degrees, Decimal Minutes, Address or Crossroads
2	PATIENT CHIEF COMPLAINT/ ASSESSMENT Male Female Age Conscious Yes No Breathing Yes No	<u>Patient Assessment:</u> <u>Injury:</u> Level of Consciousness Bleeding Fracture Breathing Rate Heat Burns Pulse Rate Head Injury Bee Sting Skin Condition
3	LEVEL OF SEVERITY RED- URGENT YELLOW- PRIORITY GREEN- MINOR INJURY	Ambulance or med- evac helicopter Ambulance or consider med- evac if delayed trans. Ambulance on private vehicle
4	SPECIAL EQUIPMENT NEEDED	Four-wheeled drive vehicles, low-angle rescue, confined space patient decontamination
5	ON SCENE MEDICAL AND CONTACT	Who is in charge (IC?) Name and medical qualifications of person providing treatment
6	NUMBER OR CHANNEL	Cell phone number. Company radio, CB
7	LANDING ZONE LOCATION	Use Degrees, Decimal Minutes (00" 00.00). Mark landing location
8	SPECIAL HAZARDS	Trees, power lines, slopes, wind direction
9	PATIENTS AFFILIATION AND CONTACT	Contact for family member, employer and insurance information (I.&I/ Self Insured)