

# IMPASSABLE BAY FIRE



TUESDAY, JUNE 21, 2011

0700-2100

P8F4N2

(0805)

GPS: NAD 83 - FORMAT : DD MM. MM

<b>INCIDENT OBJECTIVES</b>	1. Incident Name	2. Date Prepared	3. Time Prepared
	<b>Impassable Bay Fire</b>	<b>6/20/2011</b>	<b>2000</b>
4. Operational Period <b>6/21/2011 0700-1900</b>			
5. General Control Objectives For The Incident (Include Alternatives)			
<p>1. <b>Provide for the safety of all incident personnel and the public, by adhering to all established guidelines and protocols.</b></p> <p>2. <b>Keep fire within the Impassable Bay swamp by using Forest Service Roads 270, 200, 222, 235, 232, 212 and 272.</b></p> <p>3. <b>Manage the fire in a manner that is safe and cost effective for the values at risk.</b></p> <p>4. <b>Maintain a positive working relationship with our State and Federal partners and adjacent landowners by initiating and maintaining timely communications. Work closely with designated landowner (GOAL) representatives and adjacent county/state agencies to ensure that fire suppression and incident on respective lands are fully coordinated.</b></p> <p>5. <b>Together with the Florida Division of Forestry (DOF), coordinate fire management activities to maximize efficient use of wildland and structural resources on private and public lands including urban interface structures, timber, and sensitive habitats. Develop structure protection plans where necessary and minimize the impact to the private timber industry.</b></p> <p>6. <b>Provide initial attack resources as directed in the Delegation of Authority.</b></p> <p>7. <b>Prepare and implement a Rehabilitation Plan for current and future fires.</b></p>			
6. Weather Forecast For Period			
See attached weather			
7. General Safety Message			
<b>Drive defensively and with headlights on.</b> <b>Drink plenty of water and take frequent rest breaks.</b> <b>Ensure LCES is in place and known by all personnel.</b>			
8. ATTACHEMENTS (X IF ATTACHED)			
<input checked="" type="checkbox"/> Organization List - ICS 203 <input checked="" type="checkbox"/> Medical Plan - ICS 206 <input checked="" type="checkbox"/> <u>Air Ops Summary</u> <input checked="" type="checkbox"/> Division Assignment Lists - ICS 204 <input checked="" type="checkbox"/> Incident Map <input checked="" type="checkbox"/> <u>Fire weather forecast</u> <input checked="" type="checkbox"/> Communications Plan - ICS 205 <input type="checkbox"/> Traffic Plan <input checked="" type="checkbox"/> <u>Fire Behavior forecast</u>			
9. Prepared By (Planning Section Chief)		10. Approved By (Incident Commander)	
<b>EVAN BOSHELL</b>		<b>JOHN KIDD</b>	

<b>ORGANIZATION ASSIGNMENT LIST</b>		<b>9. Operations Section</b>	
1. Incident Name <b>IMPASSABLE BAY FIRE</b>		Field Operations	<b>Colt Mortenson Brook Chadwick (T)</b>
2. Date Prepared <b>June 21, 2011</b>		Planning Operations	<b>Tracy Swenson</b>
3. Time <b>2000</b>		<b>a. Branch I</b>	
4. Operational Period <b>DAY SHIFT JUNE 21, 2011 0700-2100</b>		Branch Director	
Position	Name	Division/Group	<b>IA Clint Coates Tyko Isaacson (T)</b>
<b>5. Incident Commander</b>		Division/Group	<b>Contingency Brian Keating</b>
Incident Commanders	<b>John Kidd</b>	Division/Group	<b>A/B Daren Turner</b>
Deputy Incident Commander	<b>Tom Suwyn</b>	Division/Group	<b>C/D Jason Kirks Bryan Brazzeal(T)</b>
Incident Commander (T)	<b>Tracy Dunford</b>	Division/Group	<b>E/F Jacob Gipson</b>
Safety Officers	<b>Steve Davis/Ken Moore</b>	Division/Group	
Information Officer	<b>Dick Birger Kirsten Cannon</b>	Division/Group	
<b>6. Agency Representative</b>		<b>b. Branch II</b>	
Agency	Name	Branch Director	
FS – Forest Supervisor	<b>Susan Jeheber-Matthews</b>	Division/Group	
FS – Agency Admin. Rep.	<b>Ivan Green – DFR</b>	<b>c. Branch III</b>	
FS – Agency Admin. Rep.	<b>Ron Smith</b>	Branch Director	
Resource Advisor - FS	<b>Carl Petrick</b>	Division/Group	
		<b>d. Air Operations Branch</b>	
<b>7. Planning Section</b>		Air Operations Branch Director	<b>Jill McCurdy</b>
Chief	<b>Evan Boshell</b>	AOBD(T)	<b>Kevin Greenhalgh</b>
Resources Unit	<b>Clark Tucker</b>	ABRO	<b>Darold Williams</b>
Documentation Unit	<b>Clark Tucker</b>	Air Tactical Group Supervisor	<b>Mike Melton</b>
Demob Unit	<b>Linda Chappell</b>	Air Tactical Group Supervisor	<b>Dave McCormick</b>
Situation Unit	<b>Lou Ballard</b>	Air Support Group Supervisor	<b>Chris Gamble</b>
FBAN	<b>Chris Church</b>	Helibase Manager T-1	<b>Don Nicholas</b>
IMET		ATB Mgr.	<b>Darrell Bohanon</b>
GIS Specialist	<b>Sarah Peterson</b>	<b>10. Finance Section</b>	
Training Specialist		Chief	<b>Mike Taylor</b>
Computer Specialist	<b>Heidi Little</b>	Time Unit	<b>Stacey Heaps</b>
Status/Check-in		Cost Unit	<b>Wendy Soper</b>
<b>8. Logistics Section</b>		Compensation/Claims Unit	
Chief	<b>Brent Crosland</b>	Procurement Unit Leader	
LSC2(T)	<b>Varian Allen</b>	Prepared by Resource Unit Leader	
Supply Unit	<b>Nan Coates</b>	<b>CLARK TUCKER</b>	
Facilities Unit	<b>Duane Stewart</b>		
Ground Support Unit	<b>Art Partridge</b>		
Communications Unit	<b>Walter Warrick</b>		
Medical Unit	<b>Deb Lopez</b>		
Ordering Mgr	<b>Randy Davis</b>		
Food Unit	<b>Shannon Swann</b>		





<b>DIVISION ASSIGNMENT LIST</b>				1. Branch <b>Impassable Bay</b>		2. Division/Group <b>A/B – Daren Turner</b>	
3. Incident Name <b>Impassable Bay</b>				4. Operational Period Date: 6/21/2011 Time: 0700- 2100			
5. Operations Personnel							
Operation Chief		<b>Colt Mortenson</b>		Operation Chief(T)		<b>Brook Chadwick</b>	
				Air Attack		<b>Mike Melton</b>	
6. Resources Assigned This Period							
Strike Team/Task Force/ Resource Designator		Leader		Number Persons	Trans Needed	Drop Off PT/Time	Pick Up PT/Time
TFLD		Koschak		1	N	ICP/0700	STATION/2100
TFLD(T)		Lanterman		1	N	ICP/0700	STATION/2100
Suwannee 600		Danny Sullivan		1	N	ICP/0700	STATION/2100
Eng-2622		Ringer (6/30)		4	N	ICP/0700	STATION/2100
E-15 Brush 2		Talbot(6/30)		3	N	ICP/0700	STATION/2100
E-18 Brush 74		Oden (6/30)		3	N	ICP/0700	STATION/2100
ENG 5862		Placko		3	N	ICP/0700	STATION/2100
7. Control Operations							
<b>Patrol and Mop-up as needed.</b>							
<b>Assess burning of bays.</b>							
8. Special Instructions							
<ul style="list-style-type: none"> <li>- <b>Ensure LCES are in place.</b></li> <li>- <b>Drive defensively and with lights on at all times.</b></li> <li>- <b>Coordinate with Danny Sullivan (Suwannee 600)</b></li> </ul>							
9. Division/Group Communication Summary							
Function		Frequency		System	Channel	Function	
Command South		<b>Rx 173.0375 Tx 167.3250 Tx Tone 136.5</b>		<b>FS DOF</b>	<b>6</b>	Command North	
Tactical Div/Group		<b>RxTx 168.0500 Tone 136.5</b>		<b>FS DOF</b>	<b>1</b>	Air to Ground Primary	
						<b>Rx 166.6125 Tx 168.4000 Tx Tone 136.5</b>	
						<b>Rx 166.6375 Tx 166.6375</b>	
						<b>FS DOF</b>	
						<b>7</b>	
						<b>13</b>	
Prepared By (Resource Unit Leader)				Approved By (Planning Sect. Ch.)		Date	Time
<b>CLARK TUCKER</b>				<b>EVAN BOSHELL</b>		<b>6/20/2011</b>	<b>2000</b>

<b>DIVISION ASSIGNMENT LIST</b>		1. Branch <b>Impassable Bay</b>		2. Division/Group <b>C/D – Jason Kirks</b>			
3. Incident Name <b>Impassable Bay</b>		4. Operational Period Date: 6/21/2011 Time: 0700- 2100					
5. Operations Personnel							
Operation Chief	<b>Colt Mortenson</b>		Operation Chief(T)	<b>Brook Chadwick</b>			
SOFR	<b>Robert Brittain</b>		Air Attack	<b>Mike Melton</b>			
6. Resources Assigned This Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans Needed	Drop Off PT/Time	Pick Up PT/Time		
DIVS(T)	Bryan Brazzeal	1	N	ICP/0700	STATION/2100		
TPL OSC 2	R. Nelson	1	N	ICP/0700	STATION/2100		
ENG 632	Cook (6/21)	3	N	ICP/0700	STATION/2100		
Eng Maine 15	Hatch (6/23)	3	N	ICP/0700	STATION/2100		
Eng Maine 18	Cousins (6/23)	3	N	ICP/0700	STATION/2100		
Burns Helitack		3	N	ICP/0700	STATION/2100		
7. Control Operations <b>Patrol and mopup as needed.</b> <b>Assess burning of bays.</b> <b>Protect helicopter east of the fire.</b>							
8. Special Instructions - <b>Ensure LCES are in place.</b> - <b>Drive defensively and with lights on at all times.</b>							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command South	<b>Rx 173.0375</b> <b>Tx 167.3250</b> <b>Tx Tone</b> <b>136.5</b>	<b>FS</b> <b>DOF</b>	<b>6</b>	Command North	<b>Rx 166.6125</b> <b>Tx 168.4000</b> <b>Tx Tone</b> <b>136.5</b>	<b>FS</b> <b>DOF</b>	<b>7</b>
Tactical Div/Group	<b>RxTx</b> <b>168.2000</b> <b>Tone 136.5</b>	<b>FS</b> <b>DOF</b>	<b>2</b>	Air to Ground	<b>Rx 166.6375</b> <b>Tx 166.6375</b>	<b>FS</b> <b>DOF</b>	<b>13</b>
Prepared By (Resource Unit Leader) <b>CLARK TUCKER</b>		Approved By (Planning Sect. Ch.) <b>EVAN BOSHELL</b>		Date <b>6/20/2011</b>	Time <b>2000</b>		







**ICS 220 - Continued**

<b>10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.)</b>					
<b>TYPE/FUNCTION</b>	<b>PRIORITY</b>	<b>NAME OF PERSONNEL OR CARGO (If applicable) or instructions for tactical aircraft</b>	<b>MISSION START</b>	<b>FLY FROM</b>	<b>FLY TO</b>
Air Tactical		Coverage by ATGS as needed or requested by OPS.	0900	ATB	Fire
Retardant Drops		Requested by DIVS through ATGS and approved by OPS.	1000	ATB	Fire
Water Drops		Requested by DIVS through ATGS and approved by OPS.	0900	Helibase	Fire
Medical Transport		Crew Boss contact DIVS; DIVS contact ATGS for medical evacuations/transport.	As Requested	Helibase	Fire
Recon		As requested and approved by OPS.	As Requested	Helibase	Fire
Initial Attack		As directed by OPS.			

<b>Helibase, Dip Sites, Pick Up Sites, etc.</b>	<b>Helispots, Sling Spots, Repeater Sites, etc.</b>
Helibase 30° 11' 13" x 82° 34' 27"	

**VI. Wind Restrictions.**

The capability to fly a helicopter in excessive wind conditions varies considerably with the weight class of the helicopter and the degree of turbulence associated with the wind. If the helicopter flight manual or the helicopter operator's policy does not set lower limits, the following shall be used. These limits may be further restricted at the discretion of the Pilot or other air operations personnel. Limitations are as follows:

**FLIGHT ABOVE GROUND LEVEL  
FLIGHT PERMITTED IN WINDS LESS THAN / MAXIMUM GUST SPREAD (in knots)**

<b>Flights More Than 500' AGL</b>		
<b>Type 1 Helicopters</b>	<b>Type 2 Helicopters</b>	<b>Type 3 Helicopters</b>
50 kts (43 mph) / Gusts: N/A	50 kts (43 mph) / Gusts: N/A	50 kts (43 mph) / Gusts: N/A
<b>Flights Less Than 500" AGL</b>		
<b>Type 1 Helicopters</b>	<b>Type 2 Helicopters</b>	<b>Type 3 Helicopters</b>
40 kts (35 mph) / 15 (13 mph) kts	40 kts (35 mph) / 15 (13 mph) kts	30 kts (26 mph)/15 kts (13 mph)

Approved by: /s/ Jill McCurdy, AOBD

FIRE WEATHER PLANNING FORECAST FOR NORTHEAST FLORIDA/SOUTHEAST GEORGIA  
 NATIONAL WEATHER SERVICE JACKSONVILLE FL  
 248 PM EDT MON JUN 20 2011

...**FIRE WEATHER WATCH** IN EFFECT TUESDAY AFTERNOON FOR THE SUWANNEE  
 RIVER VALLEY OF NORTHEAST FLORIDA DUE TO LOW RHS AND HIGH ERC VALUES...

.**DISCUSSION**...HIGH PRESSURE WILL PERSIST ACROSS SOUTH FLORIDA WHILE WEAK  
 TROUGHING LINGERS ACROSS THE SOUTHEAST REGION. THIS REGIME WILL MAINTAIN  
 A PREVAILING HOT AND MOSTLY DRY WEST TO SOUTHWEST FLOW ACROSS THE LOCAL  
 AREA. WINDS WILL REMAIN BELOW 15 MPH...EXCEPT POSSIBLY NEAR THE ATLANTIC  
 COAST EACH AFTERNOON AND EVENING WHERE THE EAST COAST SEA BREEZE  
 WILL DEVELOP.TUESDAY...AFTERNOON RELATIVE HUMIDITIES ARE EXPECTED TO FALL  
 BELOW CRITICAL VALUES ACROSS MUCH OF NORTHEAST FLORIDA TUESDAY FOR 2-3 HOURS.  
 EXTENDED DURATIONS OF LOW RHS ARE EXPECTED ACROSS THE SUWANNEE RIVER VALLEY  
 OF NORTHEAST FLORIDA IN COMBINATION WITH ELEVATED ERC VALUES AND A FIRE  
 WEATHER WATCH REMAINS IN EFFECT FOR THESE COUNTIES.MOISTURE WILL GRADUALLY  
 INCREASE OVER THE AREA WEDNESDAY AS STRONGER SOUTHWEST FLOW BEGINS TO  
 DEVELOP.RAIN CHANCES INCREASE LATE IN THE WEEK AS A STRONGER UPPER LEVEL  
 DISTURBANCE APPROACHES THE AREA.

FLZ023-030-031-036-211000-  
 BAKER-UNION-BRADFORD-ALACHUA-  
 248 PM EDT MON JUN 20 2011

	TONIGHT	TUE	TUE NIGHT	WED
CLOUD COVER	PCLDY	PCLDY	PCLDY	PCLDY
CHANCE PRECIP (%)	0	20	20	20
WEATHER TYPE	NONE	TSTMS	TSTMS	TSTMS
TEMP	72	100	71	98
RH (%)	100	34	100	38
20FT WND MPH (AM)		W 4		LGT/VAR
20FT WND MPH (PM)	SW 7	SW 5	SW 4	SW 4
PRECIP DURATION		1	1	0
PRECIP BEGIN		2 PM	CONTINUING	2 PM
PRECIP END		CONTINUING	2 AM	CONTINUING
PRECIP AMOUNT	0.00	0.04	0.03	0.05
LAL	1	2	2	2
MIXING HEIGHT(FT-AGL)	200	8400	200	8300
TRANSPORT WND (MPH)	W 6	SW 7	SW 5	SW 7
DISPERSION INDEX	3	44	2	49
MAX LVORI	8		7	

REMARKS...LOW RHS ON TUESDAY FOR 2-3 HOURS.

.FORECAST FOR DAYS 3 THROUGH 7...

.THURSDAY...MOSTLY CLOUDY. SHOWERS AND THUNDERSTORMS LIKELY. LOWS  
 IN THE MID 70S. HIGHS IN THE LOWER 90S. WEST WINDS 5 TO 10 MPH.

.FRIDAY...MOSTLY CLOUDY WITH A 50 PERCENT CHANCE OF SHOWERS AND  
 THUNDERSTORMS. LOWS IN THE LOWER 70S. HIGHS IN THE UPPER 80S.  
 SOUTHWEST WINDS AROUND 5 MPH.

.SATURDAY THROUGH MONDAY...MOSTLY CLOUDY WITH A 50 PERCENT CHANCE  
 OF SHOWERS AND THUNDERSTORMS. LOWS IN THE LOWER 70S. HIGHS IN THE  
 LOWER 90S. SOUTH WINDS AROUND 5 MPH.

# FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 3	TYPE OF FIRE: Wildland Fire
FIRE NAME: Impassable Bay	OPERATIONAL PERIOD: 21 June 2011
DATE ISSUED: 20 June 2011	TIME ISSUED: 1930
UNIT: Osceola NF Olustee Ranger District	SIGNED: Chris Church – FBAN

## INPUTS

**WEATHER SUMMARY ....FIRE WEATHER WATCH IN EFFECT TUESDAY AFTERNOON FOR THE SUWANNEE RIVER VALLEY OF NORTHEAST FLORIDA DUE TO LOW RHS AND HIGH ERC VALUES.** Big weather story is the heat. High pressure not only suppresses convection...it pushes temps into the upper 90s to near 100. Heat indices are forecast to reach 104 to 109 Tuesday afternoon and 100-105 Wednesday afternoon...and only a slight chance for afternoon storms mainly over the interior of NE Florida. Heat index values are expected to be just below heat advisory criteria (+110). Wednesday night the high will drift eastward in response to approaching shortwave trough. Models show significant moisture accompanying this system and Thursday transitions to a wetter pattern for the local area. Will go with a chance of rain arriving Thursday morning.

### FUELS:

The KDBI for the fire area is at the 97<sup>th</sup> percentile and near records for seasonal average. The most recent ERC measured for this area shows the ERC just below the 90<sup>th</sup> percentile. Fuels are a mixed southern rough element including slash pine and bald cypress with scattered longleaf pine. The understory consists of palmetto, gallberry, and mixed varieties of brush. Areas with timber contain a moderate dead and down component with higher levels of dead and downed in various locations. Most areas of the fire area have brush (fuel model 7) that will carry fire especially with a wind component. Live fuel moistures are extremely low, and will be listed as soon as they can be verified by local personnel.

## FIRE BEHAVIOR

## OUTPUTS

### GENERAL:

Conditions should be slightly more active than Monday. RH 34%, temps at the 100 degree mark, and light winds 20 foot, W 4 mph morning and SW 5 mph afternoon. Fire behavior should be smoldering, creeping and possible torching as the RH drops throughout the burn period. Movement requires a brush component and torching may spot into adjacent fuels. Smoke may impact roaded areas in the early morning hours and as fire activity increases.

Fuel Model	ROS (ch/hr)		Flame Length (ft)		PIG	Spot_Dist
	Head	Backing	Head	Backing		
7- Southern Rough	11	10	4	3.5	52%	.25 mile
TU2 Timber	4.4	4	2.2	.25	52%	.1 mile

Fire behavior predictions are for the hottest and driest period of the day.

### SPECIFIC:

The fire area will continue to smolder and creep between Drop Point 1 and Drop Point 2, but could spread through torching, and spotting, especially with any wind component later in the day. Brush and downed logs will be more of a factor in fire spread as our large diameter fuels continue to dry. The amount of unburned fuels close to the line in Division A and C should be monitored closely.

### AIR OPERATIONS:

Smoke inversions should continue in the early morning hours and possibly until mid morning. Smoke may be heavy due to the smoldering behavior of the fire. Air ops should be smooth with the light winds once any inversion in the fire area lifts.

## SAFETY

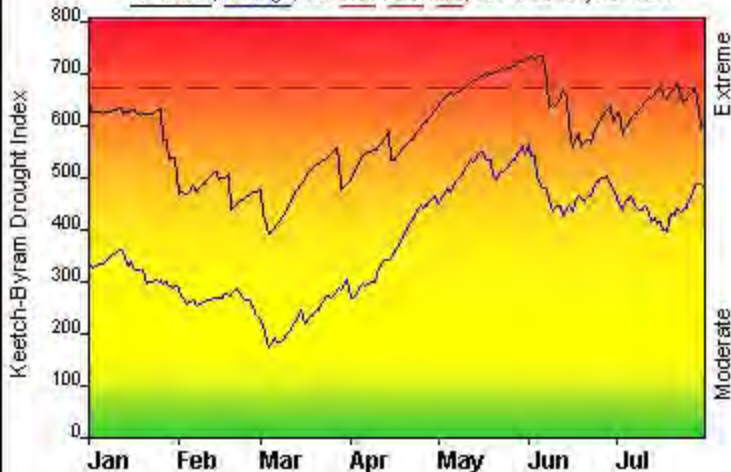
If it is green it will burn, if it moves it will bite.

Watch for wind shifts with afternoon sea breeze influences!

**A MOMENT FOR SAFETY CAN LAST A LIFETIME!!!!!!!!!!!!**

## FIRE DANGER -- Olustee Ranger District

Maximum, Average, and 97th Percentile, based on 10 years data



## Fire Danger Area:

- ◆ Impassable Bay Fire
- ◆ Lake City, FL Osceola NF
- ◆ Olustee, Eddy Tower
- \* Meets NWCG Wx Station Standards



## Fire Danger Interpretation:



- EXTREME** -- Use extreme caution
- Cautious** -- Watch for change
- Moderate** -- Lower Potential, but always be aware

Maximum -- Highest Keetch-Byram Drought Index by day for 2001 - 2010

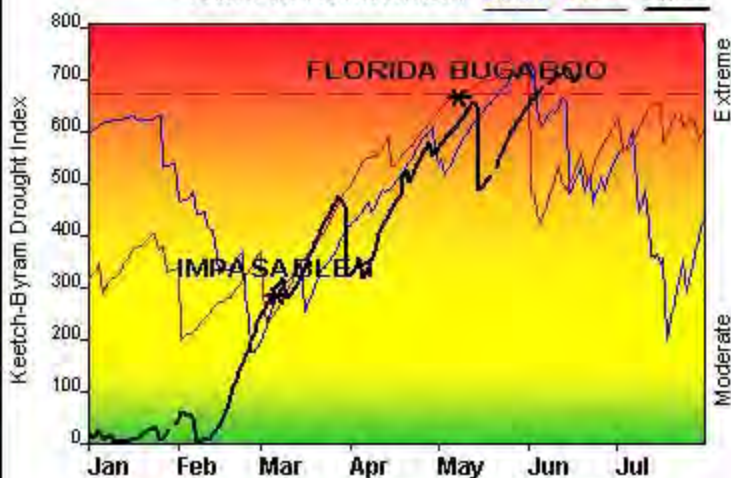
Average -- shows peak fire season over 10 years (2118 observations)

97th Percentile -- Only 3% of the 2118 days from 2001 - 2010 had an Keetch-Byram Drought Index above 671

## Local Thresholds - Watch out:

- Combinations of any of these factors can greatly increase fire behavior:
- 20' Wind Speed over 10 mph, RH less than 35%,
  - Temperature over 100, Herbaceous Fuel Moisture less than 60

## Years to Remember: 2004 2007 2011



Fuel Model: J - Intermediate Slash

## Remember what Fire Danger tells you:

- ✓ Keetch-Byram Drought Index gives seasonal trends calculated from 2 pm temperature and precip amount.
- ✓ Wind is NOT part of KBDI calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

## Past Experience:

Dispersion Index of 80 and above indicates very unstable air.

Atlantic Sea Breeze Influence can have severe effect on fire activity.



# SAFETY MESSAGE

## SAFETY IS OUR FIRST PRIORITY

*Fire fighter safety comes first on every fire, every time*



**LCES**

**FIRE FIGHTERS CODE OF CONDUCT**

**IRPG**

**WORK-REST GUIDELINES**

Lookouts Communications Escape Routes Safety Zones

### Make Sure LCES Is In Place

Each firefighter must know the interconnection of LCES - lookouts, communications, escape routes, and safety zones. LCES should be established before fighting the fire: Select lookouts, set up a communications plan, choose escape routes, and select safety zones.

**Safety Thought.** 75% of Americans are chronically dehydrated. Dehydration is loss of water and important blood salts like potassium (K+) and sodium (Na+). Vital organs like the kidneys, brain, and heart can't function without a required minimum of water and salt. Fluid losses up to 5% are considered mild (even mild dehydration will slow metabolism as much as 3%); up to 10% are considered moderate; and up to 15% are considered severe. Severe dehydration can result in cardiovascular collapse and death if not treated quickly.



### MAJOR HAZARD

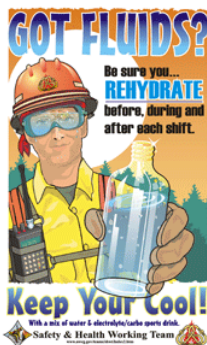
- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Snags—heads up!</li> <li>• Bugs, Alligators, Snakes—LEAVE ALONE</li> <li>• Spotting and torching--LCES</li> <li>• Extreme fire behavior with RH below 40%</li> <li>• Multiple aircraft</li> </ul> | <ul style="list-style-type: none"> <li>• Dehydration—drink plenty of fluids</li> <li>• Driving—Narrow Roads, Sand</li> <li>• Traffic through rural/residential areas</li> <li>• Weather becoming hotter and drier</li> <li>• If you do not wear the proper PPE, you are at At risk of being injured or killed</li> </ul> |
|--|--|

### HEAT STRESS

Heat becomes a problem when humidity, air temperature, and radiant heat combine with hard work to raise body temperature beyond safe limits. Evaporation of sweat is the body's main line of defense against heat. As sweat evaporates, it cools the body. When water lost by sweating is not replaced, the body's heat controls break down and body temperature climbs.

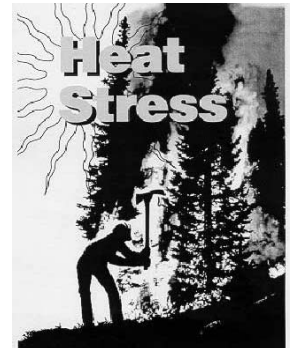
### PREVENTING HEAT-RELATED ILLNESSES

The important thing is to stay well-hydrated, to make sure that your body can get rid of extra heat. When you sweat, and the water evaporates from your skin, the heat that evaporates the sweat comes mainly from your skin. As long as blood is flowing properly to your skin, extra heat from the core of your body is "pumped" to the skin and removed by sweat evaporation. If you do not sweat enough, you cannot get rid of extra heat well, and you also can't get rid of heat as well if blood is not flowing to the skin. Dehydration will make it harder for you to cool off in two ways: if you are dehydrated you won't sweat as much, and your body will try to keep blood away from the skin to keep your blood pressure at the right level in the core of your body. But, since you lose water when you sweat, you must make up that water to keep from becoming dehydrated. If the air is humid, it's harder for your sweat to evaporate -- this means that your body cannot get rid of extra heat as well when it's muggy as it can when it's relatively dry.



### TO PREVENT DEHYDRATION

- Condition yourself adequately
- Drink 8 – 16 oz. of water before work.
- Take frequent drinks each hour of work (1 qt.).
- Pace yourself; Cool off as frequently as possible.
- Drink as much as possible at lunch and the evening meal.
- Continue replacing fluids throughout the evening.
- Limit caffeine drinks (coffee and cola).
- If you start to feel weak, stop, rest and rehydrate.



DIV		<b>TACTICAL WATCHOUTS</b>	<b>LCES HAZARD CONTROL</b> ** Denotes Common Denominator of Tragedy Fires
ALL	X X X X X	Under slung Fireline Mid-slope Fireline Unburned Fuel Indirect Fireline Downhill Fireline Frontal Assault Unanchored <b>Small→Large Fire**</b>	<ul style="list-style-type: none"> <li>• Staff dedicated lookouts at pre-identified vantage points</li> <li>• Staff aerial lookout. During major threatening activity, assess &amp; provide direction</li> <li>• Establish human repeater site</li> <li>• Take hourly weather observations over command frequency</li> <li>• Abort assignment if communications cannot be maintained</li> <li>• Weather watch system to be developed by FBAN/Meteorologist</li> <li>• Flag, time improve/construct multiple escape routes and safety zones</li> <li>• Establish situation trigger points for disengagement/exit to safety zones</li> </ul>
ALL		Multiple Aircraft	<ul style="list-style-type: none"> <li>• <b>Air Operations ensures that all incident aviation personnel are briefed on daily tactics, planned use, and safety hazards</b></li> <li>• Maintain positive direction between Air Attack, lead plane pilot, assigned aircraft, and ground operations</li> <li>• If confusion or conflicting priorities develop, STOP operations, until they can be safely continued</li> </ul>
ALL	X	Intruder Aircraft	<ul style="list-style-type: none"> <li>• Designate TFR airspace over the incident air operations area</li> <li>• Report airspace conflicts or intrusion immediately to Air Support</li> <li>• Curtail air operations, as needed, until airspace is clear</li> </ul>
ALL	X	Bucket Drops	<ul style="list-style-type: none"> <li>• Ensure clear air-ground communications</li> <li>• Stay clear of flight zones and drop areas.</li> <li>• Watch out for rotor wash or air tanker turbulence and potentially erratic fire behavior</li> <li>• Keep heads up for snags and hazard trees</li> </ul>
ALL	X X X	Air Support Dependent	<ul style="list-style-type: none"> <li>• <b>Staff dedicated lookouts at pre-identified vantage points.</b></li> <li>• Staff aerial lookout. During major threatening activity, assess &amp; provide direction</li> <li>• Do go/no go assessment for ground operations</li> <li>• Ensure that firefighter safety is not compromised</li> </ul>
ALL	X	Air Operations	Use clear text communication and identify ground contact with pilot. Clear drop area of all personnel prior to drop. No personnel in zone during dipping or dropping operation. Watch for erratic winds along ridges. Stay heads up with helicopter operations and crew shuttles. Pay attention to helitack personnel. Stay buckled up until released by helitack.
ALL	X	Spotting, Torching	<ul style="list-style-type: none"> <li>• Watch for smoldering fires picking up over large areas, trees crowning out inside of fireline, high sustained rate of spread, well-developed convection column, hot/dry.</li> <li>• Patrol for spots especially after torching.</li> <li>• Post lookouts</li> </ul>
ALL	X	Dehydration Heat Stress	<ul style="list-style-type: none"> <li>• Drink plenty of fluids (1 qt/hr); ensure adequate replacement water supplies</li> <li>• Pace work; allow frequent periods of rest in shade, if possible</li> <li>• Monitor fitness of crews for assignments</li> <li>• Limit shift lengths</li> </ul>
ALL	X	Snags	<ul style="list-style-type: none"> <li>• Stay alert for strong winds, fire damaged trees, air operations turbulence, vibrations from heavy equipment, rot or shallow-rooted trees</li> <li>• Scout, identify and flag hazards, fell dangerous trees near the line</li> <li>• Do go/no go assessment prior to falling</li> <li>• Post lookouts, assess trees in work areas, issue daily warnings</li> </ul>
ALL	X	Road Hazards	SLOW DOWN, do not over-drive dirt roads, turn on headlights, wear seatbelts, maintain spacing, check brakes, clean windshield, watch backing and use a spotter when available. Use caution on one-way access roads.

INCIDENT RADIO COMMUNICATIONS PLAN		1. Incident Name		2. Date/ Time Prepared		3. Operational Period Date/Time	
		Impassable Bay Fire		06-20-2011 2030		06-21-2011 0730 - 2200	
4. Basic Radio Channel Utilization							
Radio Type/Cache	Channel	Function	Frequency/Tone		Mode	Assignment	Remarks
King NIFC	1	Tac1	RX 168.0500 TX 168.0500	Tone 136.5 Tone 136.5	Narrow	DIV A	Post Human Repeaters where Needed
King NIFC	2	Tac2	RX 168.2000 TX 168.2000	Tone 136.5 Tone 136.5	Narrow	DIV C	Post Human Repeaters where Needed
King NIFC	3	Tac3	RX 168.6000 TX 168.6000	Tone 136.5 Tone 136.5	Narrow	DIV E	Post Human Repeaters where Needed
King NIFC	4	Tac 4	RX 166.7250 TX 166.7250	Tone 136.5 Tone 136.5	Narrow	IA Group	Post Human Repeaters where Needed
King NIFC	5	Tac 5	RX 166.7750 TX 166.7750	Tone 136.5 Tone 136.5	Narrow	Hwy 2 Group	Post Human Repeaters where Needed
King NIFC	6	<b>CMD</b>	RX 173.0375 TX 167.3250	Tone None Tone 136.5	Narrow	<b>COMMAND South</b>	Repeater linked to Channel 12 Use repeater that works best.
King NIFC	7	<b>CMD</b>	RX 166.6125 TX 168.4000	Tone 136.5	Narrow	<b>COMMAND North</b>	Repeater linked to Channel 10 Use repeater that works best.
King 8 R	8	R 8 - Fire	RX 169.9000 TX 169.9000	Tone None	Narrow	Local IA	Post Human Repeaters where Needed
King DOF 190	9	DOF 190	RX 151.2725 TX 151.2725	Tone None Tone None	Narrow	Primary IA for off Forest	Post Human Repeaters where Needed
King 191 DOF	10	DOF 191	RX 151.2875 TX 151.2875	Tone None Tone None	Narrow	Local IA	Post Human Repeaters where needed
King NIFC	11	FOREST	RX 171.5500 TX 172.3750	Tone 167.9	Narrow	Forest Dispatch/Admin/ flight follow	Forest Dispatch, Emergency Use Only
King NIFC	12	FOREST	RX 171.550 TX 172.3750	Tone 146.2	Narrow	Eddy Forest Repeater	Post Human Repeaters where Needed
King NIFC	13	A/G 1	RX 166.6375 TX 166.6375		Narrow	Air to Ground Primary	AIR to Ground Primary
King NIFC	14	A/G 2	RX 168.1250 TX 168.1250		Narrow	Air to Ground Secondary	Air to Ground Secondary
King NIFC	15	White	RX 154.2800 TX 154.2800	Tone None Tone None	Narrow	Local IA	
King NIFC	16	Air Guard	RX 168.6250 TX 168.6250	Tone 110.9	Narrow	Air Guard	Emergency Use Only Tone 110.9

5. Prepared by (Communications Unit) Walter Warrick COML



<b>MEDICAL PLAN</b>	1. Incident Name	2. Date Prepared	3. Time Prepared	4. Operational Period
	<b>Impassable Bay Fire</b>	<b>6/20/2011</b>	<b>2000</b>	<b>6/21/2011</b>

5. Incident Medical Aid Station				
Medical Aid Stations	Location	Paramedics		
		Yes	No	
<b>ICP</b>	<b>OLUSTEE, FLORIDA</b>	<b>X</b>		

6. Transportation				
A. Ambulance Services				
Name	Address	Phone	Paramedics	
			Yes	No
<b>BAKER COUNTY EMS</b>	<b>MACCLENNY</b>	<b>904-259-2861</b>	<b>X</b>	
<b>COLUMBIA CO. EMS</b>	<b>LAKE CITY</b>	<b>904-758-9111</b>	<b>X</b>	

B. Incident Ambulances				
Name	Location	Paramedics		
		Yes	No	

7. Hospitals								
Name	Address	Travel Time		Phone	Helipad		Burn Center	
		Air	Grnd		Yes	No	Yes	No
<b>LAKE SHORE</b>	<b>LAKE CITY</b>	<b>15 MIN</b>	<b>20 MIN.</b>	<b>386-292-8001</b>	<b>X</b>			<b>X</b>
<b>URGENT CARE</b>	<b>LAKE CITY</b>	<b>15 MIN</b>	<b>20M IN</b>	<b>386-758-2944</b>		<b>X</b>		<b>X</b>
<b>ED FRASER MEM.</b>	<b>MACCLENNY</b>	<b>15 MIN</b>	<b>20 MIN</b>	<b>904-259-3151</b>	<b>X</b>			<b>X</b>
<b>UNIV.MED. JACKSONVILLE</b>	<b>JACKSONVILLE</b>	<b>20 MIN</b>	<b>45 MIN.</b>	<b>904-549-4165</b>	<b>X</b>			<b>X</b>
<b>SHANDS HOSPITAL</b>	<b>GAINESVILLE FL</b>	<b>30 MIN</b>	<b>1 HRS</b>	<b>352-494-5616</b>	<b>X</b>		<b>X</b>	
<b>LIFE FLIGHT</b>	<b>JACKSONVILLE</b>	<b>30 MIN</b>		<b>904-202-2136</b>	<b>X</b>			

**8. Medical Emergency Procedures**

Upon occurrence of a “**MAJOR**” medical or accident involving significant injury on the fireline. The **nearest fireline Supervisor or Leader** on the scene will be in charge and will clear all radio traffic on the incident “Command” Channel. The command channel will be used to coordinate response – do not use names.

- o Obtain and facilitate nearest EMT’s to the scene, request medical unit response – DIVS in charge of scene.
- o Coordinate and facilitate appropriate transportation for injured with Medical Unit – EMT in charge of patient(s).
- o Nature of problem: # injured; Condition and Vitals; Location (GPS Coordinates)
- o Remove all unnecessary personnel from the accident scene – notify SOFR.
- o Secure the scene area and identify witnesses for later investigation – keep a log.
- o Use emergency form on back of medical plan to report to communications.

**Life safety is the Number 1 Priority on this Incident**

9. Prepared by (Medical Unit Leader) <b>DEB LOPEZ      MATT PAYNE(T)</b>	10. Reviewed by (Safety Officer) <b>STEVE DAVIS</b>
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# COMMUNICATION FOR INJURY/MEDICAL EMERGENCY

Do not use the name of the Injured individual over the radio. In the event of a minor injury, so state when relaying the information so a false sense of urgency is not. The Medical Unit Leader is to be notified in all injury situations.

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Division \_\_\_\_\_

Location: \_\_\_\_\_

On Scene Point of Contact (Name & Position): \_\_\_\_\_ Radio Frequency \_\_\_\_\_

Medical personnel on site (name) \_\_\_\_\_

Type of Injury: \_\_\_\_\_

Sex \_\_\_\_\_ Age \_\_\_\_\_

Medical Injury \_\_\_\_\_ or Illness \_\_\_\_\_ Life Threatening Yes \_\_\_\_\_ No \_\_\_\_\_

Patient Condition- Critical \_\_\_\_\_ Serious \_\_\_\_\_ Minor \_\_\_\_\_ Conscious Yes \_\_\_\_\_ No \_\_\_\_\_

Additional medical equipment or personnel needed? (Type and Quantity) \_\_\_\_\_

Is air transportation needed: Yes \_\_\_\_\_ No \_\_\_\_\_ Can Patient sit up Yes \_\_\_\_\_ No \_\_\_\_\_ Weight \_\_\_\_\_

Location LAT \_\_\_\_\_ LONG \_\_\_\_\_ Drop Point \_\_\_\_\_

Patient Home Unit \_\_\_\_\_ Agency \_\_\_\_\_

Assessment BP \_\_\_\_\_ Pulse \_\_\_\_\_ Level of Consciousness \_\_\_\_\_ Skin \_\_\_\_\_

Difficulty Breathing Yes \_\_\_\_\_ No \_\_\_\_\_

On going Assessment- Document as they occur – on Scene personnel,

# COMMUNICATION FOR INJURY/MEDICAL EMERGENCY

Do not use the name of the Injured individual over the radio. In the event of a minor injury, so state when relaying the information so a false sense of urgency is not. The Medical Unit Leader is to be notified in all injury situations.

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Division \_\_\_\_\_

Location: \_\_\_\_\_

On Scene Point of Contact (Name & Position): \_\_\_\_\_ Radio Frequency \_\_\_\_\_

Medical personnel on site (name) \_\_\_\_\_

Type of Injury: \_\_\_\_\_

Sex \_\_\_\_\_ Age \_\_\_\_\_

Medical Injury \_\_\_\_\_ or Illness \_\_\_\_\_ Life Threatening Yes \_\_\_\_\_ No \_\_\_\_\_

Patient Condition- Critical \_\_\_\_\_ Serious \_\_\_\_\_ Minor \_\_\_\_\_ Conscious Yes \_\_\_\_\_ No \_\_\_\_\_

Additional medical equipment or personnel needed? (Type and Quantity) \_\_\_\_\_

Is air transportation needed: Yes \_\_\_\_\_ No \_\_\_\_\_ Can Patient sit up Yes \_\_\_\_\_ No \_\_\_\_\_ Weight \_\_\_\_\_

Location LAT \_\_\_\_\_ LONG \_\_\_\_\_ Drop Point \_\_\_\_\_

Patient Home Unit \_\_\_\_\_ Agency \_\_\_\_\_

Assessment BP \_\_\_\_\_ Pulse \_\_\_\_\_ Level of Consciousness \_\_\_\_\_ Skin \_\_\_\_\_

Difficulty Breathing Yes \_\_\_\_\_ No \_\_\_\_\_

On going Assessment- Document as they occur – on Scene personnel,

## KIDD'S Incident Management Team Cell Phone List

<i>Position</i>	<i>Name</i>	<i>Cell</i>
<b>Command &amp; General:</b>		
ICT2	John Kidd	208-869-5979
ICDP	Tom Suwyn	435-864-7064
SOFR	Steve Davis	208-313-7835
SOF2	Ken Moore	435-313-2248
PIO2	Kirsten Cannon	702-595-2034
PIO2	Dick Birger	651-769-5952
OSC2	Tracy Swenson	435-553-5926
AOBD	Jill McCurdy	208-387-5737
OSC2	Colt Mortenson	970-756-4831
LSC2	Brent Crosland	435-979-3615
FSC2	Mike Taylor	435-592-0006
PSC2	Evan Boshell	435-691-9331
<b>Operations:</b>		
DIVS	Jason Kirks	435-554-0287
DIVS	Clint Coates	435-691-7272
DIVS	Brian Keating	435-259-9691
DIVS	Daren Turner	
ASGS	Chris Gamble	435-790-7095
ATGS	Dave McCormick	509-449-0804
HEB1	Don Nicolas	218-360-1816
ABRO	Darold Williams	386-752-0600
ATB MGR	Darrell Bohanon	386-758-9078
ATGS	Mike Melton	435-590-4712
<b>Planning:</b>		
RESL	Clark Tucker	435-823-6044
SITL	Lou Ballard	208-859-8359
GIST	Sarah Peterson	208-830-3104
FBAN	Chris Church	208-921-8656
DMOB	Linda Chappell	435-979-8356
CTSP	Heidi Little	801-618-5240
<b>Logistics:</b>		
COMT	Walter Warrick	435-979-7176
SPUL	Nan Coates	435-691-1218
FACL	Duane Stewart	435-616-8750
GSUL	Varian Allen	435-749-7164
EPQM	Art Partridge	435-979-4322
FUDL	Shannon Swann	702-271-6765
BCMG	Sean Stewart	435-616-2580
SECM	Randy Davis	435-691-3226
MEDL	Deb Lopez	435-406-1210
<b>Finance:</b>		
TIME	Stacy Heaps	435-287-7013
COST	Wendy Soper	435-590-4728
<b>Trainees</b>		
ICT2	Tracy Dunford	801-558-6508
AOBD	Kevin Greenhalgh	435-691-3771
DIVS	Tyko Isaacson	
DIVS	Bryan Brazzeal	435-680-3625
MEDL	Matt Payne	435-770-3391
OSC2	Brook Chadwick	801-541-6173

## **RESTAURANTS**

**Texas Roadhouse: 386-758-0074**

**Ken's BBQ: 386-752-6566**

**Porterhouse Grill: 386-754-5907**

**Popeye's Chicken: 386-755-3960**

**Cracker Barrel: 386-755-5638 (Breakfast)**

**Applebee's: 386-752-7087**

**Blue Roof Grill: 386-719-2424**

**Pizza Hut: 386-752-3896**

**Steak N Shake: 386-719-6677**

**I-HOP : (Breakfast and Dinner)**

### **Rates:**

**Breakfast = \$7.00**

**Lunch = \$11.00**

**Dinner = \$23.00**

**Tips will be paid by Government.**

## KIDD'S MANAGEMENT TEAM SUPPLY ORDER

Date & Time Order was Placed	Order # (DIVS + #)	Location & Time for Delivery (Division/LZ/DP/Lat Long)	Mode of delivery (Driven/Helo/DIVS to Pick up)	
Order received in Communications by (name):			Time:	
Order received in Supply by (name):			Time:	
Order received in Transportation by (name):			Time:	
Order received in Helibase by (name):			Time:	
Order shipped to line unit by (name): (Send this sheet to the line with the order)			Time:	
#	Item	Amount	Item	Amount
1.	Meals Breakfasts		26. Swivel ea.	
2.	Meals Lunches		27. Leadline ea.	
3.	Meals Dinners		28. Backpack Pump ea.	
4.	Meals MRE's/case		29. Slingable Blivet ea.	
5.	Water 5 gal. cubies		30. Folding Tank Size/ea.	
6.	Gatorade Case		31. Pumpkin Size/ea.	
7.	Batteries AA 1-Flat		32. Hose 1 <sup>1/2</sup> " / ft.	
8.	Batteries Specify Type		33. Hose 1" / ft.	
9.	Flagging (Specify type) # Roll		34. Hose 3/4" / ft.	
10.	Sleeping Bags ea		35. Reducer 1 <sup>1/2</sup> "X1"	
11.	Tarps/Plastic ea./roll		36. Reducer 1"X 3/4"	
12.	Parachute Cord roll		37. Gated "Y" 1 <sup>1/2</sup> "	
13.	Garbage Bags Box		38. Gated "Y" 1"	
14.	20 Man First Aid Kit ea.		39. Gated "Y" 3/4"	
15.	Coffee Kit w/propane ea.		40. Shut-off Valve 3/4"	
16.	Gas Raw		41. In-line Tee 1 <sup>1/2</sup> "X1"	
17.	Bar Oil Gal.		42. Nozzle 1 <sup>1/2</sup> "	
18.	2- cycle oil QT's		43. Nozzle 1"	
19.	Tool Shovel ea.		44. Nozzle 3/4"	
20.	Tool Pulaski ea.		45. Chainsaw Kit ea.	
21.	Tool Combi ea.		46. Mark 3 Pump Kit-Cache w/10 gal raw gas and 2 qts 2 cycle oil ea.	
22.	Tool Specify Type ea.			
23.	Fussee Case		47. Lightweight Pump Kit-Cache w/5 gal raw gas and 1 qt 2 cycle oil ea.	
24.	Drip Torches Full ea.			
25.	Drip Torch Mix 5 Gal.		48. Division Hose Lay Kit ea.	

**GPS Datum: NAD 83**

**Team Ordering/ Timeline Process:**

0630 – Morning Briefing, start of crew time.

1100 – Last call to change spike camp resource (food, fuel, etc) location.

1500 – DIVS to have next day’s resource order ready for OPS.

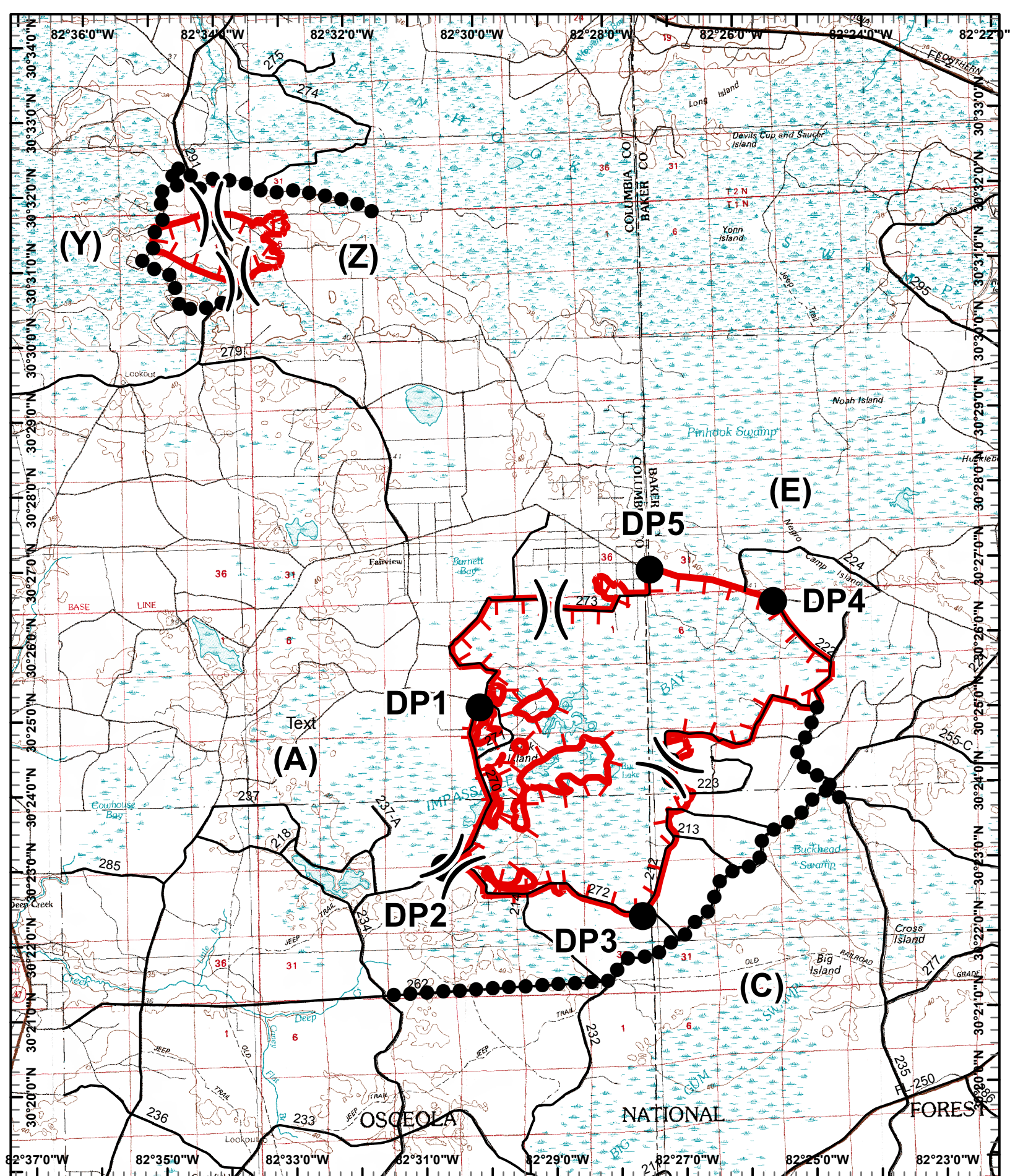
- All crew level orders will be placed through DIVS.
- DIVS will place all orders through Communications Unit.
- All orders will be tracked using the process found on the front of form.

**Division Hose Lay Kit Components**

Item	NFES#	Quantity			
Hose 1½”	1239	1000’			
Hose 1”	1238	1000’			
Hose, ¾”	1016	500’			
Tee, 1 ½” – 1”	0731	5			
Nozzle, 1 ½”	0137	2			
Nozzle, 1”	0138	6			
Nozzle, ¾”	0136	12			
1 ½” Gated “Y”	0231	5			
1” Gated “Y”	2059	5			
¾” Gated “Y”	0272	6			
Shut off valve ¾”	0738	4			
Reducers, 1 ½” – 1”	0010	5			
Reducers, 1” – ¾”	0733	5			
Double Female 1”	0710	1			
Double Female 1 ½”	0857	1			

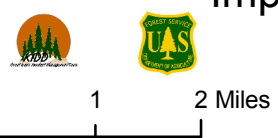
<b>UNIT LOG</b>	1. Incident Name	2. Date Prepared	3. Time Prepared
	4. Unit Name/Designators	5. Unit Leader (Name and Position)	6. Operational Period
7. Personnel Roster Assigned			
Name	ICS Position	Home Base	
8. Activity Log			
Time	Major Events		
9. Prepared by (Name and Position)			





- Division
- Helispot & Dipsite
- Active Fire Perimeter
- Drop Point
- Contingency Lines
- Water Source
- Dozer Line and Improved Line

Created June 22, 2011 1930  
s.peterson



**Impassable & Kelly Road Fires**  
 June 22, 2011  
 FL-FNF-004131  
 11,305 Acres / 830 Acres

