## Juniper Road Fire

## Incident Action Plan



NCNCS-011-071-048
Sunday July 10, 2011 0800-1900

JUNIPER ROAD FIRE ORGSANIZATION CHART / CONTACT LIST July 10, 2011

| Name | Position | Phone |
| :---: | :---: | :---: |
| COMMAND |  |  |
| Hendricks, Mike | ICT2 | 919-548-4190 |
| Bill Swartley | PIO2 | 919-218-3179 |
| Suttles, Keith | LOFR | 828-413-4441 |
| Phillips, Harold | SOF2 | 828-507-8883 |
|  |  |  |
|  |  |  |
|  |  |  |
| AGENCY ADMINISTRATORS |  |  |
| Pate, Greg | NCFS | 252-560-5018 |
|  |  |  |
| AGENCY REPRESENTATIVES |  |  |
| French, Vic | NCWRC | 910-604-1017 |
| Collins, Tom | Pender EM Director | 910-470-4728 |
| Sullivan, Woody | Pender EMS | 910-470-4001 |
| Bryson, Norman | Onslow EM Director | 910-340-5033 |
| Parker, Chris | USMC Fire | 910-376-7100 |
| Baker, Keith | The Nature Conservancy \& NC Parks | 919-618-7889 |
| Haas, Doug | NCDEM-East Coord. | 910-604-2111 |
|  |  |  |
| PLANS |  |  |
| Harvell, Kevin | PSC2 | 336-242-7428 |
| Pickens, Bill | RESL | 919-218-2802 |
| Justin Query | RESL |  |
| Cheek, Michael | SITL | 828-231-2691 |
| Brown, Lloyd | FBAN |  |
| Andrew Bailey | GISS | 919-218-7069 |
| David Jones | GISS |  |
| Trent Duncan | FOBS | 828-450-2315 |
| Teresa Hurdle | FOBS | 252-331-3152 |
| Hans Rohr | FOBS | 910-874-2971 |
| Chesnutt, Michael | DMOB | 910-876-1505 |
| McCall, Jonathan | SCKN | 828-507-0970 |
|  |  |  |

## Emergency Operations Centers

910-259-1210 Pender County EOC
910-347-4270 Onslow County EOC
910-451-3520 Camp LeJeune EOC

| Name |  | Position |  |
| :--- | :--- | :---: | :---: |
| FINANCE | FSC2 | Phone |  |
| Lott, Annie | PROC | $919-824-6633$ |  |
| Head, Sheila | COST | $919-902-1842$ |  |
| Overman, Chris | COST (t) | $252-333-5626$ |  |
| Lawrence, Tracy | TIME | $252-325-0329$ |  |
| Rose, Gina |  |  |  |
| Sidhu, Luke |  |  |  |
| OPERATIONS |  |  |  |
| Ambrose, Jonathan | OSC2 | $910-512-5822$ |  |
| Bozzo, Michael | OSC2 (t) | $803-667-1061$ |  |
| Money, Keith | DIVS F, G, H | $336-247-1681$ |  |
|  |  |  |  |
| Cross, Walter | DIVS K | $336-318-5215$ |  |
| Wright, Brad | DIVS M, N, O | $540-616-6156$ |  |
|  |  |  |  |
| AIR OPERATIONS | AOBD | $828-775-1871$ |  |
| Mike Maguire | HLCO | $907-252-5318$ |  |
| Noble, Vean | HEB2 |  |  |
| Sexton, Brian | HMGB | $605-440-2122$ |  |
| Davis, Stephen | HLCO |  |  |
| Gary Mease |  |  |  |
|  |  |  |  |
| LOGISTICS | LSC2 | $828-329-1607$ |  |
| Harris, Roger | FACL/FDUL | $336-214-2426$ |  |
| Keith Walters | RADO | $828-413-2515$ |  |
| Paul Mace | COML | $919-410-9725$ |  |
| Ruble, Dick | GSUL/MECH | $252-337-4835$ |  |
| Woody Sherwood | EQPM | $541-410-5556$ |  |
| Jim Ray | MEDL | $828-507-9123$ |  |
| Frank Rogers | MECH | $252-567-0815$ |  |
| Keith Fields |  |  |  |

## Juniper Rd Fire Staging Address:

5655 NC Hwy. 53 E.
Burgaw, NC 28425

## Staging Phone

910-259-4034
Staging Fax
910-259-6790

ICP Phones
Information/Safety 910-588-4971
Operations 910-588-4714
Communications 910-588-4699
ICP Fax 910-588-4211
Supply 910-588-4485
Medical 910-588-4483
Plans 910-588-4034

| INCIDENT OBJECTIVES | 1. Incident Name <br> Juniper Road Fire | 2. Date prepared: <br> $7 / 9 / 2011$ |
| :--- | :--- | :--- | | 3. Time Prepared |
| :---: |
| 1830 |

4. Operational Period Day (0800-1900 hrs) 7/10/2011 Sunday
5. General Control Objectives For The Incident (Include Alternatives)
6. Ensure the safety of firefighers, emergency responders, and general public is our number one priority. We do this through:

- Strict adherence to the 10 Standard Fire Orders.
- Mitigating all 18 Watch Out Situations.
- Implementing LCES (Lookouts, Communications, Escape Routes, and Safetry Zones).
- Maintaining Situational Awareness.
- Conducting Hazard / Risk Assessments throughout the day.
- Conduct "tailgate" briefings on the line with an emphasis on personnel safety, health and welfare.

2. Protect private and cooperator infrastructure / resources by coordinating response and ensuring frequent communication with citizens, local fire departments, and assisting agencies.
3. Keep the Juniper Road Fire contained to the following boundaries:

- East of Shaw Hwy
- North of Live Hwy 210
- West of Hwy 17 and Hwy 50
- South of Old Maple Hill Road

4. Ensure cost effective and efficient incident response with consideration to values at risk. Ensure all CTR, Equip. Shift Tickets, Purchasing documentation, etc. is completed and sent to the ICP located at Bladen Primary School for processing.
5. Perform continual assessment of rehab needs and complete work as control operations allow.


# HEALTH AND SAFETY MESSAGE 

## Transition IS A Watchout Situation!

| INCIDENT: Simmons and Juniper Road Fire | DATE: 7/10/11 TIME: 0730-1900 |
| :--- | :--- |

## Major Hazards and Risks:

SNAGS-Stay out of area, essential fire line personnel only, look at root system before working/parking. IRPG pg. 20. THUNDERSTORMS-Use the 30/30 rule (IRPG pg. 19). If you see lightening and hear thunder follow in less than 30 seconds, take shelter in vehicle. Wait 30 minutes after storm passes to resume work. Roads may become slippery. DRIVING- Drive defensively. Type 6 engines have high rollover risk and increased stopping distance. Use seatbelts. Vehicle accidents are a major cause for firefighter fatalities. Use headlights on dusty roads. Demobilized units, observe travel restrictions in Demob plan. Safe travel home is part of the assignment.
MOP-UP- Blouse or close pant legs before entering burned area to prevent burns. Roadbeds can collapse due to ground fire. Learn to identify ash pits from local personnel. Watch for flare-ups.
AIR DROPS- Be alert. Stay out of drop area. Both the approach and departure routes are dangerous to ground personnel. Manage helicopter dip sites to minimize exposure for ground forces. Use Air to Ground channel.
FIRE BEHAVIOR - Maintain situational awareness, follow 10 Standard Orders, recognize / mitigate the 18 Watch Out Situations, and apply LCES. Know the fire weather forecast. Monitor conditions for change.
HYDRATION/HEAT STRESS- Drink often and drink a lot; before you get thirsty. $4: 1$ water to sport drinks. ENVIRONMENTAL HAZARDS - Watch for and stay away from rattlesnakes, fire ants and wildlife. Keep all foods secured. Bring all trash off the line. Use insect repellent for ticks. Report tick bites to Medical Unit Leader. Accidents: Contact your supervisor and inform him/her. Follow emergency procedures at bottom of medical plan. Lightning Activity Level (LAL) 1 through 6. Page 76 in IRPG!

5. UNINFORMED ON STRATEGY, TACTICS AND HAZARDS

Weather Summary: A WEAK FRONT WILL MOVE THROUGH FROM THE NORTH THROUGH TONIGHT...DISSIPATING BY MONDAY. BERMUDA HIGH PRESSURE WILL BUILD BACK ACROSS THE AREA EARLY NEXT WEEK AS A PIEDMONT TROUGH DEVELOPS. A DRY AND COOLER AIRMASS WILL TRY TO BUILD SOUTHWARD AND INTO THE AREA LATE NEXT WEEK WITH THE PASSAGE OF A COLD FRONT. THERE WILL BE AT LEAST A CHANCE OF SHOWERS AND THUNDERSTORMS DURING THE EARLY AND MIDDLE PORTION OF NEXT WEEK.

Today will be mostly sunny with isolated thunderstorms in the morning. Max Temp 90 degrees Min RH 56\%, winds light \& variable becoming SE 6-12 mph. Expect gusty and erratic winds near thunderstorms.

| Time | $\mathbf{0 8 0 0}$ | $\mathbf{1 2 0 0}$ | $\mathbf{1 4 0 0}$ | $\mathbf{1 6 0 0}$ |
| :---: | :---: | :---: | :---: | :---: |
| Temp | 76 | 86 | 87 | 88 |
| RH | 86 | 61 | 57 | 57 |
| Wind | NE3 G5 | E5 G10 | E5 G10 | SE6 G10 |

Local Thresholds - Watch Out (Fire Danger Pocket Card) Wind Speed > 15mph RH < 25\% Temp >90

## General Fire Behavior

All divisions have received varying amounts of rainfall over the past couple of days with the heavier rainfalls being in the northern sections of the fire (. 8 measured on Div O/M break). Fire danger indices are trending slightly better due to this moisture but are still at critical levels. Today will be the beginning of a drying trend for the fire area. Expect all divisions to start drying out and showing more signs of heat over the next couple of days. Areas that have not been smoking will start and areas that have seen active fire will see those areas become more active. Smoldering and active ground fire is still being observed and the ground fire continues to spread along with active surface fire creeping in the cured litter. Isolated flare-ups with torching have also been observed along the control line as fire weakened trees continue to fall. The fire has burned actively in green and cured fuels. Watch for needle/leaf cast on all divisions which will provide surface fuels for smoldering or active ground fire.

## Specific Fire Behavior

Divisions Kilo, Hotel, Golf, Foxtrot, and sections of November are showing the most amount of heat (MODIS) and fire activity. With the decrease in cloud cover and increase in temperature you can expect these divisions to show more activity than in the past few days. The early morning NE winds could potentially put extra pressure on parts of Foxtrot and parts of November. Some interior reburn and torching is possible in unburned cured fuels and in any remaining green pockets of fuel. Expect surface fire with moderate rates of spread.

| Fuel Model | ROS Chains/Hr | Flame Length | Spot Distance Feet | PIG |
| :---: | :---: | :---: | :---: | :---: |
| Sh9 very high load humid <br> climate shrub | $22-27$ | $10-15$ | 500 | $24 \%$ |
| Tu3 timber grass shrub | $10-16$ | $4-8$ | 500 | $24 \%$ |

Back Island Predicted NFDRS Indices for Today for Fuel Model O

| 1 hour fuel <br> moisture | 10 hour fuel <br> moisture | 100 hour fuel <br> moisture | 1000 fuel <br> moisture | BI | IC | ERC | KBDI |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $14 \%$ | $14 \%$ | $13 \%$ | $15 \%$ | 33 | 2 | 35 | 720 |

Controllability- Indirect attack should be used if fires become established. Aircraft should always be utilized in the containment effort. Direct attack with heavy equipment in the sand ridges can be accomplished if winds are not gusting.


| Division/Group Communication Summary |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Function | Frequency | System | Channel | Function | Frequency | System | Channel |
| $\begin{gathered} \text { Command } \\ \text { and } \\ \text { Communication } \end{gathered}$ | $\begin{gathered} \text { Rx } 151.220 \\ \text { Tone } 136.5 \\ \text { Tx } 159.345 \\ \text { Tone } 131.8 \\ \hline \end{gathered}$ | King NIFC | Group 14 INC 9 | In District | Rx 151.280 <br> Tone 131.8 <br> Tx 159.360 <br> Tone 131.8 | $\begin{aligned} & \hline \text { King } \\ & \text { NIFC } \end{aligned}$ | D8 Delco |
| Tactical Div/Group | $\begin{aligned} & \text { Rx } 151.310 \\ & \text { Tone } 136.5 \end{aligned}$ | King NIFC | Group 14 INC 3 | Air to Ground | Rx 171.575 <br> Tone 131.8 | King NIFC | Group 14 INC 8 |
| Prepared by (Resource Unit Leader) Justin Query |  | Approved by (Planning Section Chief) Kevin Harvell |  |  |  |  | 1830 |



## 7. Control Operations

- Mop-up 50 feet inside fire perimeter.
- Patrol for spot-overs.
- Continue to blade out power lines and rehab as resources are available.

8. Special Instructions

- Have LCES in place for all operations; confirm LCES with division supervisor by 1000 hr .
- Share resources with adjacent divisions.
- Avoid areas with undermined trees (snags). Mitigate snag hazards.
- All aviation resources must be requested through Field Ops.
- Refer to Juniper Road Fire Suppression Activity Repair Plan for division specific rehab needs.
- DIVS monitor both repeater channels 9, 11, and Air to Ground 8.

| Division/Group Communication Summary |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Function | Frequency | System | Channel | Function | Frequency | System | Channel |
| Command and Communication | $\begin{aligned} & \text { Rx } 151.220 \\ & \text { tone } 136.5 \\ & \text { Tx } 159.345 \\ & \text { tone } 131.8 \\ & \hline \end{aligned}$ | King NIFC | Group 14 INC 9 | In District | $\begin{aligned} & \text { Rx } 151.280 \\ & \text { tone } 131.8 \\ & \text { Tx } 159.360 \\ & \text { tone } 131.8 \\ & \hline \end{aligned}$ | King NIFC | D8 Delco |
| Tactical Div/Group | $\begin{aligned} & \text { Rx } 151.460 \\ & \text { Tone } 136.5 \end{aligned}$ | King NIFC | Group 14 INC 2 | Air to Ground | $\begin{aligned} & \text { Rx } 171.575 \\ & \text { tone } 131.8 \end{aligned}$ | King NIFC | Group 14 INC 8 |
| Prepared by (Resource Unit Leader) Justin Query |  | Approved by (Planning Section Chief) Kevin Harvell |  |  | Date 7/9/11 | Time  <br>  1830 |  |


7. Control Operations

- Mop-up 50 feet within the fire perimeter.
- Patrol fire perimeter for spot-overs.
- Continue to blade out power lines south of the wet hole to the Division F break.

8. Special Instructions

- Have LCES in place for all operations; confirm LCES with division supervisor by 1000 hr .
- Avoid areas with undermined trees (snags). Mitigate snag hazards.
- Share resources with adjacent divisions.
- All aviation resources must be requested through Field Ops.
- DIVS monitor both repeater channels 9, 11, and Air to Ground 8.
- Refer to Juniper Road Suppression Activity Repair Plan for division specific rehab needs.

| Division/Group Communication Summary |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Function | Frequency | System | Channel | Function | Frequency | System | Channel |
| Command and Communication | Rx 151.220 tone 136.5 <br> Tx 159.345 tone 131.8 | King NIFC | Group 14 INC 9 | In District | Rx 151.280 <br> tone 131.8 <br> Tx 159.360 <br> tone 131.8 | King NIFC | D8 Delco |
| Tactical Div/Group | $\begin{aligned} & \text { Rx } 151.400 \\ & \text { Tone } 136.50 \end{aligned}$ | $\begin{aligned} & \hline \text { King } \\ & \text { NIFC } \end{aligned}$ | Group 14 INC 1 | Air to Ground | Rx 171.575 <br> tone 131.8 | King NIFC | Group 14 INC 8 |
| Prepared by (Resource Unit Leader) Justin Query |  | Approved by (Planning Section Chief) Kevin Harvell |  |  | Date $7 / 9 / 11$ | Time | 1830 |





|  | unt log | nowne | 20 |
| :---: | :---: | :---: | :---: |
| Turnuemesumies |  | Eesomematastressasereo | , |
|  |  |  |  |
|  |  | us ossmon | нowe ease |
| $\square$ |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  | arww Loc commemememese |  |
| ${ }^{2}$ |  | mon ferms |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |


| mme | momenems |
| :---: | :---: |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| - |  |
|  |  |
|  |  |
|  |  |
| \% |  |

