

**FERGUSON FIRE
INCIDENT ACTION
PLAN**

NIGHT

2000- 0800

September 7 and 8, 2011

OK-WMR-011088

GD6Q

FS Code PRGD6Q - 1502

ORGANIZATION ASSIGNMENT LIST ICS-203		1. INCIDENT NAME Ferguson	2. DATE PREPARED 9/7/2011
3. TIME PREPARED 12:30	4. OPERATIONAL PERIOD DATE: 9/7-8, 2011 20:00-08:00 TIME : NIGHT		
5. INCIDENT COMMANDER AND STAFF		9. OPERATIONS SECTION	
INCIDENT COMMANDER	Jerry McGowan	Operations	Steve Parr
	Sid Beckman (M)	Planning Ops	Ranger Dorn, Brad Washa(T)
DEPUTY	Rich Hawkins		
SAFETY OFFICER	Jennifer Boyd, Linda Szczepanik		
INFORMATION OFFICER	Chuck Dickson, Rich Hadley (T)		
LIAISON OFFICER			
RESOURCE ADVISOR	Walter Munsterman		
6. AGENCY REPRESENTATIVES		a. BRANCH - DIVISIONS/GROUPS	
AGENCY	NAME	BRANCH DIRECTOR	
Wildlife Refuge Manger	Tony Booth	DEPUTY	
Refuge Law Enforcement	Ralph Bryant	DIVISION/GROUP	Night Billy Steers
Zone FMO	Ralph Godfrey	DIVISION/GROUP	
BIA	John Lee	DIVISION/GROUP	
Comanche County EMS	Clint Wagstaff	DIVISION/GROUP	
Ft. Sill Fire Department	Ron Pyle	DIVISION/GROUP	
		DIVISION/GROUP	
7. PLANNING SECTION		b. - DIVISIONS/GROUPS	
CHIEF	Gary Montgomery	BRANCH DIRECTOR	
DEPUTY	C. Neill, A. Colson(M)	DEPUTY	
RESOURCES UNIT LEADER	H. Newell, M. Fountain	DIVISION/GROUP	
SITUATION UNIT LEADER	T. Edwards, S. Zerr(T)	DIVISION/GROUP	
FIRE BEHAVIOR ANALYST	Byron Kimball, Steve Paes (T)	DIVISION/GROUP	
FIRE INVESTIGATOR	Robert McGilton	DIVISION/GROUP	
DOCUMENTATION UNIT	Richard Bryant	DIVISION/GROUP	
DEMOBILIZATION UNIT	John Roberts	DIVISION/GROUP	
GIS SPECIALIST	C. Yamagiwa, J. Roberts(T), M. Hans	DIVISION/GROUP	
INCIDENT METEOROLOGIST	Joe Harris	DIVISION/GROUP	
TRAINING	Jack Johnson	DIVISION/GROUP	
		DIVISION/GROUP	
8. LOGISTICS SECTION		c. BRANCH - DIVISIONS/GROUPS	
CHIEF	Dan Turner, Rich Davis(T)	BRANCH DIRECTOR	
DEPUTY	Jim Hogg	DEPUTY	
		DIVISION/GROUP	
a. SUPPORT BRANCH		DIVISION/GROUP	
DIRECTOR		DIVISION/GROUP	
SUPPLY UNIT	Jeff Carter	DIVISION/GROUP	
FACILITIES UNIT	Tim Gardner, Nick Sablan	DIVISION/GROUP	
GROUND SUPPORT UNIT	Dave Trussell	DIVISION/GROUP	
BASE CAMP MANAGER	William Schulze	DIVISION/GROUP	
SUPPORT DISPATCHER		DIVISION/GROUP	
b. SERVICE BRANCH		d. AIR OPERATIONS BRANCH	
DIRECTOR		AIR OPERATIONS BRANCH DIR.	Jason Nava
COMMUNICATIONS UNIT	Chris Baker, Scott LaRue(T)	AIR TACTICAL GROUP SUPER.	Russ Gripp
MEDICAL UNIT	Matt Lipson, Michael Clemmens	AIR SUPPORT SUPERVISOR	Lisa Cardoza
FOOD UNIT	Ricky Washington	HELIBASE COORDINATOR	
		AIR TANKER COORDINATOR	
10. FINANCE SECTION			
CHIEF			Robbin Ekman
DEPUTY			
TIME UNIT			Teresa Reniff
PROCUREMENT UNIT			Patrick Gallegos
COMPENSATION/CLAIMS UNIT			Larry Lee, Lisa Dow(T)
COST UNIT			Joan Disney
PREPARED BY (RESOURCE UNIT)			



Fire Weather Forecast



FORECAST NO: 10

NAME OF FIRE: Ferguson Fire

PREDICTION FOR: Night Shift

UNIT: OK-WMR

SHIFT DATE: Wednesday, September 7, 2011
2000-0800 hours

SIGNED: Joe Harris

TIME AND DATE

Incident Meteorologist

FORECAST ISSUED: 1200 hours September 7, 2011

WEATHER DISCUSSION:

An upper low will remain over the central Mississippi River Valley while a surface high pressure ridge continues to nose into western Oklahoma through Friday. With north to northwest flow aloft, middle level clouds will linger over the fire tonight but move out of the region on Thursday. Cool nights, mild days and light northeasterly winds will prevail through Friday.

Wednesday Night:

WEATHER: Mostly cloudy through late night then partly cloudy by daybreak. Continued cool.

TEMPERATURES: Low 57. Down 4 degrees.

MAXIMUM HUMIDITY: 57 percent. Up 16 percent.

20 FT WINDS: North-northeast 5 to 10 mph.

SLOPES/VALLEYS: Down slope/valley drainage.

Thursday:

WEATHER: Mostly sunny and mild.

TEMPERATURES: High 82.

MINIMUM HUMIDITY: 22 percent.

20 FT WINDS: North-northeast 6 to 12 mph with occasional afternoon gusts to 20 mph.

HAINES INDEX: 5 (moderate)

STABILITY/INVERSION: Moderate at 700 feet burning off around 0900 AM.

Thursday Night:

WEATHER: Mostly clear and cool.

TEMPERATURES: Low 57.

MAXIMUM HUMIDITY: 64 percent.

20 FT WINDS: North-northeast 6 to 11 mph.

SLOPES/VALLEYS: Down slope/valley drainage.

WMRO2 RAW5

Tuesday: High 85F Min RH 14% Max Wind SE 10 G13 mph

Wednesday: Low 61F Max RH 41% Max Wind E 8 G15 mph

Sunset Wednesday 752 PM CDT Sunrise Thursday 712 AM CDT Sunset Thursday 751 PM CDT

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: #5	TYPE OF FIRE: Wildland
FIRE NAME: Ferguson	OPERATIONAL PERIOD: 9/7 Night Shift
DATE ISSUED: 09/07/2011	TIME ISSUED: 1200
UNIT: FWS – Wichita Mtns. Wildlife Refuge	SIGNED: /s/ Steve Paes FBAN(t) _____ Typed/printed:

INPUTS

WEATHER SUMMARY: Mostly to partly cloudy and cooler with fair RH recovery overnight.

Temps: Low 57°

RH: Max 57 %

Winds: N-NE 5 to 10 mph .

Please see Fire Weather Forecast for specific forecast for operational period

OUTPUTS

FIRE BEHAVIOR

GENERAL:

All Dead Fuel Moisture classes are at historical lows. All classes running below 10% at peak of burning period. Heavy fuels are providing receptive fuel beds for spots during all hours.

Be aware of channeling effects of terrain on general winds.

Live fuels are suffering drought stress and some fuels have significant frost kill present.

As the wind dies off, terrain effects will become more pronounced. Be prepared for upslope runs from fire in draws and along the bases of slopes.

RH recovery will not be high enough to stop fire spread. Fire will continue to move through grass and timber fuels throughout the night.

Downslope and drainage winds developing during the night. Effect will be more pronounced where general winds will add to the downslope wind, south slopes and south flowing drainages.

SPECIFIC:

Grazed Grass

ROS: 5 - 15 ch/hr.

FL : 3 - 6 ft.

Un-grazed Grass

ROS: 5 - 20 ch/hr.

FL : 5 – 7 ft.

Oak Brush

ROS: 5 - 15 ch/hr.

FL : 2 - 6 ft.

Oak Understory

ROS: 0- 4 ch/hr

FL : 0 - 3 ft.

AIR OPERATIONS:

SAFETY

Many oak stringers have had fire in them for 3 to 4 days. Be aware of the effects of prolonged burning on stability of trees and limbs in the stringers.

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group NIGHT		
3. Incident Name FERGUSON FIRE			4. Operational Period NIGHT SHIFT September 7 and 8, 2011 2000 - 0800				
5. Operations Personnel							
Operations Chief		Steve Parr		Division/Group Supervisor		Billy Steers	
Branch Director				Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader		Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time
CRW IHC Valyermo	Kevin Grant		20	N	ICP 2000		ICP 0800
ENG T4 NWF 753	Nick Manning		3	N	ICP 2000		ICP 0800
ENG T6 Upper Pine River	Travis Wright		3	N	ICP 2000		ICP 0800
ENG T6 South Rocky 133	Joe Gonzales		3	N	ICP 2000		ICP 0800
ENG T6 South Rocky 33	Ned Mangas		3	N	ICP 2000		ICP 0800
ENG Manitou Springs	Ed Costello		3	N	ICP 2000		ICP 0800
ENG 201	Ryan Mintoya		3	N	ICP 2000		ICP 0800
ENG 7062	Garrett Apachito		3	N	ICP 2000		ICP 0800
ENG Chihuahua	Lionel Magoosh		3	N	ICP 2000		ICP 0800
ENG Rhino 36	Darrell Mansell		3	N	ICP 2000		ICP 0800
ENG Wescott 542	Jonathan Urban		3	N	ICP 2000		ICP 0800
TFLD	TJ Lauder		1	N	ICP 2000		ICP 0800
SOFR	Douglas Welbourn		1	N	ICP 2000		ICP 0800
7. Control Operations							
<ul style="list-style-type: none"> Patrol , Monitor, Suppress any spot outside the fireline as indicated. Provide point protection if fire approaches refuge structures or other values at risk. Mop up 100 feet where safely possible. 							
8. Special Instructions							
<ul style="list-style-type: none"> Close all gates 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	See Com Plan	King NIFC		Logistics		King NIFC	
Tactical Div/Group	RX/TX 164.7500N	King NIFC	Channel 10 Tac 2	Air to Ground	RX/TX 166.6750	King NIFC	4
Prepared by (Resource Unit Leader)		Approved by (Planning Section Chief)			Date 9/7/2011		Time 1500

**SAFETY MESSAGE
FERGUSON FIRE
September 7/8, 2011
Night Shift**

LOOKOUTS, COMMUNICATIONS, ESCAPTE ROUTES,SAFETY ZONES

“WEAR YOUR PERSONAL PROTECTIVE EQUIPMENT DURING ALL OPERATIONS”

Driving is always a major concern, headlights on, 35mph speed limit in the Refuge at Night. Hazards or Red Lights on while parked on the road.

“WATCH FOR BISON”

Highway 115 is open to the public!!!

- All resources must follow Work Rest Guidelines, monitor your hours
- Treacherous terrain – Watch your footing
- Look Up, Look Down, Look Around
- Pre-plan disengagement procedures, ID meeting locations, ie: drop points, intersections for crews to gather up
- Night driving, dusty roads, some drop offs are a bad mix, take your time, use backers at all times

Signs of Fatigued Firefighters

- Difficulty in concentrating and thinking
- Poor and careless performance
- Greater tolerance for error
- Inattention to minor, but important details
- Increased lapses of attention
- Decreased motivation, increased errors
- Impairment in communication

Prepared by: Jennifer Boyd Safety Officer
Linda Szczepanik Deputy Safety

9/7/11

INCIDENT RISK ANALYSIS (ICS 215a)

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	SNAG HAZARDS & GREEN TREE HAZARDS	<ul style="list-style-type: none"> Follow Hazard Tree Safety Guidelines (IRPG p. 80). Limit number of personnel around snags and their exposure time; fallers must be qualified for trees being fallen, clear the area before falling, YELL OUT! Be especially alert around snags AND green trees during wind events. Treat every oak green or dead as a hazard.
ALL	EXTREME FIRE BEHAVIOR POTENTIAL Drought Conditions	<ul style="list-style-type: none"> Monitor current weather conditions and forecasts. Make sure all personnel receive thorough briefings every shift. Watch for wind shifts throughout the day. Maintain adequate escape routes and safety zones. Advise all personnel if these are compromised or changed. Set trigger points when appropriate. <ul style="list-style-type: none"> Adhere to 10 Std Orders, mitigate 18 situations. Maintain Situational Awareness.
ALL	DRIVING HAZARDS	<ul style="list-style-type: none"> Highway 115 on the East side of the fire is open to the public, watch for the public on the road Drive with headlights on; road construction along Hwy 49, drop offs along Hwy 49 Watch for Bison and Longhorns on the road "Open Range"
ALL	FATIGUE & Hydration	<ul style="list-style-type: none"> Be alert for signs of fatigue and take breaks as necessary. Maintain 2:1 work/rest ratio. Hydration should be stressed, watch for signs in your crew, 2 waters to 1 Gatorade
ALL	AIRCRAFT OPERATIONS	<ul style="list-style-type: none"> Use qualified personnel for long-line operations. Keep others clear of the operation. Keep personnel out of drop zones when bucket work in progress. Use air-to-ground frequency to communicate with aircraft. Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective.
ALL	LINE CONSTRUCTION IMPROVEMENT	<ul style="list-style-type: none"> Conduct thorough briefing for all personnel (inside rear cover IRPG). Ensure LCES in place prior to engagement (IRPG p. 6). Adhere to 10 Std. Orders, mitigate 18 Situations. Establish adequate safety zones (IRPG p.7) and escape routes. Use Downhill Line Checklist (IRPG p. 8). Follow "Look Up, Down, and Around" procedures (IRPG p. 2-3). Utilize Risk Management Process (IRPG p.1).
ALL	TERRAIN	<ul style="list-style-type: none"> DG in steep, rocky terrain, watch footing and maintain proper spacing. Watch for over-head hazards. Treat "hot spots" on your feet before they become blisters.
ALL	MOP UP	<ul style="list-style-type: none"> Conduct thorough briefing for all personnel (inside rear cover IRPG). Use all required PPE, including eye protection. Maintain proper spacing and overhead clearance. Hazmat around structures, keep an eye out. Minimize exposure to smoke, and rotate personnel into clean air when practical. Evaluate unburned islands/increase situational awareness. Watch for burnt and or weakened Oaks
ALL	STRUCTURE PROTECTION & HAZMAT ISSUES	<ul style="list-style-type: none"> Conduct thorough briefing for all personnel (inside rear cover IRPG). Utilize Structure Assessment Checklist (IRPG p.14). Follow Structure Protection Guidelines (IRPG p. 16). Utilize HazMat IC Checklist (IRPG p. 26).
ALL	MEDIVAC CAPABILITY	<ul style="list-style-type: none"> Brief crews on Medical Plan Keep line personnel informed of this issue. Safety briefings to stress that extra care should be taken with high-risk tasks (i.e. tree falling, etc.). Ambulance in camp from 0800-2000 only.
ALL	SAFETY ZONES	<ul style="list-style-type: none"> Follow safety zone guidelines (IRPG p. 7) Limited Safety Zones require additional dedicated LO, and trigger points Carefully evaluate burned areas before designation as safety zones. When safety zones are distant from work site, set trigger points to allow personnel to reach them in a timely manner.
INCIDENT NAME: Ferguson	DATE PREPARED: 9/7/11	OPERATIONAL PERIOD Night Shift 9/7-8/11
ICS 215a	TIME PREPARED: 0900 HOURS	Prepared by Jennifer Boyd,

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name/Incident Number FERGUSON			Date/Time Prepared 9/7/2011 1230		Operational Period Date/Time 9/7/11 2000		
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	TX Tone/NAC	Mode	Remarks	
1	Command	SCOTT	East Side	164.6750 N	N/A	163.1750 N	103.5	A	Scott Peak	
2	Command	BAKER	West Side	164.6750 N	N/A	163.1750 N	127.3	A	Baker Peak	
3	Command Direct	CAR-CAR	All Divisions	164.6750 N	N/A	164.6750 N	114.8	A		
4	Air to Ground	A/G	All Divisions	166.6750 N	N/A	166.6750 N	N/A	A		
5	Tactical	FIRE	Extra Tac	169.6250 N	N/A	169.6250 N	N/A	A		
6										
7										
8										
9	Tactical	TAC 1	Extra Tac	164.4250 N	N/A	164.4250 N	N/A	A		
10	Tactical	TAC 2	All Divisions	164.7500 N	N/A	164.7500 N	N/A	A		
11	Tactical	TAC 3	Extra Tac	164.8500 N	N/A	164.8500 N	N/A	A		
12										
13	Tactical	FWS-A	Extra Tac	164.6250 N	N/A	164.6250 N	N/A	A		
14	Tactical	R-8 FIRE	Extra Tac	169.9000 N	N/A	169.9000 N	N/A	A		
15										
16/20	GUARD	AIRGUARD	ALL DIVISIONS	168.6250 N	N/A	168.6250 N	110.9	A	Emergency Use Only	
5. Prepared by (Communications Unit) Chris Baker COML Scott La Rue, COML(T)					Incident Location County: Comanche State: OK Latitude N34 43 33.85 Longitude W98 40 49.27					

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (Project 25)

MEDICAL PLAN 206 ICS	1. INCIDENT NAME Ferguson	2. DATE PREPARED 9/07/2011	3. TIME PREPARED 1000Hrs.	4. OPERATIONAL PERIOD 09/07/2011 2000-0800 Hrs.
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5. INCIDENT MEDICAL AID STATIONS

MEDICAL AID STATIONS	LOCATION	PARAMEDICS	
		YES	NO
Manitou Springs Engine	On Divisions	X	

6. TRANSPORTATION

A. AMBULANCE SERVICES

NAME	LOCATION	PHONE	PARAMEDICS	
			YES	NO
Comanche County Dispatch CTR	Lawton, OK	911 or 580-355-9303	X	
Comanche Memorial Ambulance	Cache, OK	911 (580-585-5555)	X	
Kirks Emergency Service	Lawton, OK	911(580-355-6500)	X	
Air Evac Lifeteam (day only)	Lawton, OK	911(800-247-3822) 580-357-2062(non-emerg)	X	
Medi-Flight(Day only)	OKC, OK	911(800-522-0212)	X	

B. INCIDENT AMBULANCES

NAME	LOCATION	PARAMEDICS	
		YES	NO
None	None		

7. HOSPITALS

NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Southwestern Medical	5602 SW Lee BLVD. Lawton, OK	15	40	580-531-4756	X			X
Comanche Memorial	3401 W. Gore Lawton, OK	15	45	580-585-5501	X			X
Baptist Burn CTR	3300 Expressway OKC, OK	40	100	405-949-3155	X		X	

8. MEDICAL EMERGENCY PROCEDURES

<p><u>LINE EMERGENCY:</u></p> <p>Crew Supervisor to contact Division Supervisor/OPSC with Injury report.</p> <ol style="list-style-type: none"> Division Supervisor/ OPSC: <ol style="list-style-type: none"> Dispatches assigned personnel Contacts Communications Communications contacts: <ol style="list-style-type: none"> 911 to dispatch appropriate resource MEDL Via cell (805)550-5007 Division Supervisor/OPSC will run medical emergency on command Communications will clear command channel for emergency traffic <p><u>CAMP EMERGENCY:</u></p> <ol style="list-style-type: none"> Contact Communications Communications will Call 911 	<p align="center"><u>INJURY REPORTING PROCEDURES</u></p> <p>NATURE OF INJURY _____ LOCATION OF PATIENT _____ TRANSPORTATION REQUESTED BY: AIR ___ GROUND ___ POINT OF PICKUP _____ LAT _____ LONG _____ PATIENT UNIT ID _____ IS A EMT WITH PATIENT: YES ___ NO ___ AGE _____ SEX: MALE ___ FEMALE ___</p> <p align="center">ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.</p>
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206 ICS	9. PREPARED BY: (Medical Unit Leader) Matt Lipson/Mike Clemens	10. REVIEWED BY: (Safety Officer) Jennifer Boyd
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