

FERGUSON FIRE INCIDENT ACTION PLAN

NIGHT

2200- 0800

September 3 and 4, 2011

OK-WMR-011088

GD6Q

FS Code PRGD6Q

INCIDENT OBJECTIVES ICS-202	1. INCIDENT NAME Ferguson Incident	2. DATE PREPARED 9/3/2011	3. TIME PREPARED 12:00		
4. OPERATIONAL PERIOD (DATE/TIME) NIGHT SHIFT SEPTEMBER 03-04, 2011 22:00-08:00					
5. GENERAL CONTROL OBJECTIVES FOR THE INCIDENT (INCLUDE ALTERNATIVES) Management Objective for the Incident 1) Provide for the safety of firefighter and public safety. 2) Minimize rangeland acres burned with Refuge boundary. 3) Assist in private property/structure protection with coordination from county emergency management. 4) Maximize efficiency and cost containment efforts based on values at risk and probability of success. Control Objectives 1) Keep fire North of HWY 49 2) Keep fire South and West of I-115 3) Keep fire Southeast of Mt. Pinchot					
6. WEATHER FORECAST FOR OPERATIONAL PERIOD (see attached forecast)					
7. GENERAL/SAFETY MESSAGE: (see attached 215A)					
8. ATTACHMENTS (CHECK IF ATTACHED) <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input checked="" type="checkbox"/> ORGANIZATION LIST (ICS 203) <input checked="" type="checkbox"/> DIVISION ASSIGNMENT LISTS (ICS 204) <input checked="" type="checkbox"/> COMMUNICATIONS PLAN (ICS 205) <input checked="" type="checkbox"/> MEDICAL PLAN (ICS 206) <input checked="" type="checkbox"/> AIR OPERATIONS SUMMARY (ICS 220) </td> <td style="width: 50%; vertical-align: top;"> <input checked="" type="checkbox"/> FIRE BEHAVIOR FORECAST <input checked="" type="checkbox"/> WEATHER FORECAST <input checked="" type="checkbox"/> SAFETY ICS 215A <input type="checkbox"/> PHONE LIST <input checked="" type="checkbox"/> INCIDENT MAP </td> </tr> </table>				<input checked="" type="checkbox"/> ORGANIZATION LIST (ICS 203) <input checked="" type="checkbox"/> DIVISION ASSIGNMENT LISTS (ICS 204) <input checked="" type="checkbox"/> COMMUNICATIONS PLAN (ICS 205) <input checked="" type="checkbox"/> MEDICAL PLAN (ICS 206) <input checked="" type="checkbox"/> AIR OPERATIONS SUMMARY (ICS 220)	<input checked="" type="checkbox"/> FIRE BEHAVIOR FORECAST <input checked="" type="checkbox"/> WEATHER FORECAST <input checked="" type="checkbox"/> SAFETY ICS 215A <input type="checkbox"/> PHONE LIST <input checked="" type="checkbox"/> INCIDENT MAP
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9. PREPARED BY (PLANNING SECTION CHIEF) Gary Montgomery PSC1	10. APPROVED BY (INCIDENT COMMANDER) Jerry McGowan ICT1				

ORGANIZATION ASSIGNMENT LIST		1. INCIDENT NAME Ferguson	2. DATE PREPARED 9/3/2011
ICS-203			
3. TIME PREPARED 12:00	4. OPERATIONAL PERIOD DATE: 9/3-9/4, 2011 22:00-08:00 TIME : NIGHT		
5. INCIDENT COMMANDER AND STAFF		9. OPERATIONS SECTION	
INCIDENT COMMANDER	Jerry McGowan	CHIEF	Steve Parr
DEPUTY	Sid Beckman(M)	DEPUTY	
SAFETY OFFICER	Rich Hawkins		
INFORMATION OFFICER	Jennifer Boyd		
LIAISON OFFICER	Rich Hadley		
RESOURCE ADVISOR	Walter Munsterman		
6. AGENCY REPRESENTATIVES		a. BRANCH I - DIVISIONS/GROUPS	
		BRANCH DIRECTOR	
AGENCY	NAME	DEPUTY	
Meers Volunteer Fire Dept.	Bill Cunningham	DIVISION/GROUP	NIGHT
Cache Volunteer Fire Dept	Dale Winham	DIVISION/GROUP	
Indiahoma Volunteer Fire	Chris Jones	DIVISION/GROUP	
Roosevelt Volunteer Fire	Jeff Vanderpool	DIVISION/GROUP	
Coopertown Volunteer Fire	Lonnie Riley	DIVISION/GROUP	
Con 8 Volunteer Fire	Brad Webb	DIVISION/GROUP	
Saddle Mountain Fire	Mike DeMarcus	DIVISION/GROUP	
7. PLANNING SECTION		b. BRANCH II - DIVISIONS/GROUPS	
CHIEF	Gary Montgomery	BRANCH DIRECTOR	
DEPUTY	C. Neill, A. Colson(M)	DEPUTY	
RESOURCES UNIT LEADER	H. Newell, M. Fountain, A. Yanagisawa	DIVISION/GROUP	
SITUATION UNIT LEADER	T. Edwards, S. Zerr(T)	DIVISION/GROUP	
FIRE BEHAVIOR ANALYST	Byron Kimball	DIVISION/GROUP	
FIRE INVESTIGATOR	Robert McGilton	DIVISION/GROUP	
TECHNICAL SPECIALIST		DIVISION/GROUP	
DEMobilIZATION UNIT	J. Roberts	DIVISION/GROUP	
GIS SPECIALIST	C. Yamagiwa, J. Roberts, M. Hans	DIVISION/GROUP	
HUMAN RESOURCES		DIVISION/GROUP	
TRAINING		DIVISION/GROUP	
8. LOGISTICS SECTION		c. BRANCH III - DIVISIONS/GROUPS	
CHIEF	Dan Turner	BRANCH DIRECTOR	
DEPUTY	Jim Hogg	DEPUTY	
a. SUPPORT BRANCH		DIVISION/GROUP	
DIRECTOR		DIVISION/GROUP	
SUPPLY UNIT		DIVISION/GROUP	
FACILITIES UNIT	Tim Gardner	DIVISION/GROUP	
GROUND SUPPORT UNIT	Dave Trussell	DIVISION/GROUP	
BASE CAMP MANAGER		DIVISION/GROUP	
SUPPORT DISPATCHER		DIVISION/GROUP	
b. SERVICE BRANCH		d. AIR OPERATIONS BRANCH	
DIRECTOR		AIR OPERATIONS BRANCH DIR.	Jason Nava
COMMUNICATIONS UNIT	Scott LaRue	AIR TACTICAL GROUP SUPER.	Russ Gripp
MEDICAL UNIT	Matt Lipson	AIR SUPPORT SUPERVISOR	
FOOD UNIT		HELIBASE COORDINATOR	
		AIR TANKER COORDINATOR	
PREPARED BY (PLANNING UNIT)		10. FINANCE SECTION	
		CHIEF	Robbin Ekman
		DEPUTY	
		TIME UNIT	Teresa Reniff
		PROCUREMENT UNIT	
		COMPENSATION/CLAIMS UNIT	Lisa Dow
		COST UNIT	Joan Disney



Fire Weather Forecast



FORECAST NO: 2

NAME OF FIRE: Ferguson Fire

PREDICTION FOR: Night Shift

UNIT: OK-WMR

SHIFT DATE: Saturday, September 3, 2011
2200-0600 hours

SIGNED: Joe Harris

TIME AND DATE

Incident Meteorologist

FORECAST ISSUED: 1700 hours September 3, 2011

WEATHER DISCUSSION: * Red Flag Warning for Critical Wind Shift before Midnight *****

A strong cold front will move through the fire at the start of the shift. Strong and gusty north winds will prevail over the fire overnight and on Sunday. Scattered thunderstorms are possible mainly behind the front through 0500 hours. Temperatures will be cooler.

Saturday Night: * Critical Winds after Midnight *****

WEATHER: Strong and gusty wind developing after midnight. A 50 percent chance of thunderstorms through 0500 hours. Chance of a rain wetting rain (0.20") is 30 percent.

TEMPERATURES: Low 64. Down 11 degrees.
MAXIMUM HUMIDITY: 78 percent. Up 25 percent.
20 FT WINDS: North 16 to 22 mph gusts to 28 mph.

Sunday: * Critical Winds during the Day *****

WEATHER: Very windy and not as hot. Mostly cloudy through early afternoon then decreasing clouds.

TEMPERATURES: High 82. Down 14 degrees.
MINIMUM HUMIDITY: 28 percent. Up 2 percent.
20 FT WINDS: North 20 to 25 mph with gusts to 35 mph.
HAINES INDEX: 3 (very low)
STABILITY/INVERSION: None.

Sunday Night:

WEATHER: Clear and much cooler. Windy in the evening.

TEMPERATURES: Low 52.
MAXIMUM HUMIDITY: 55 percent
20 FT WINDS: North 16 to 22 mph gusts to 28 mph in the evening decreasing to 10 to 14 mph near daybreak.

Wichita RAWS Weather for Saturday through 1600 hours.

Temperature Low: 75 F High: 96 F Daytime Max Wind: S 10G17
Relative Humidity Max: 53% Min: 26%

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: #1	TYPE OF FIRE: Wildland
FIRE NAME: Ferguson	OPERATIONAL PERIOD: Night Shift
DATE ISSUED: 09/03/2011	TIME ISSUED: 1800
UNIT: FWS – Wichita Mtns. Wildlife Refuge	SIGNED: /s/ Byron R. Kimball _____
	Typed/printed:

INPUTS

WEATHER SUMMARY: Red Flag Event – Frontal Passage Cold Front Passage with associated wind shift to the North predicted for mid to late evening. Winds to shift North and increase to 15 to 22 mph with gusts to 30 mph.

Temps: Cooling to about 67 by daybreak
RH: Max 75 to 80 %

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.

Fire Behavior has been wind driven. Be aware of channeling effects of terrain on general winds

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

Entire fuel profile is available to burn. Oaks are carrying crown fire with wind assistance.

SPECIFIC:

Grazed Grass (North of Hwy 49)

ROS: 21 to 160 ch/hr possible at high end conditions

FL : 4 to 8 ft.

Significant jump in Behavior at the 7 to 10 mph eyelevel wind speed

Ungrazed Grass (South of Hwy 49)

ROS: 1 to 3 mph.

FL : 10 – 15 ft.

Oak Brush

ROS: 20 – 80 ch/hr.

FL : 5 – 10 ft.

Oak Understory

ROS: 4 – 20 ch/hr

FL : 2 – 5 ft.

AIR OPERATIONS:

SAFETY

Historic low fuel moistures have led to historic high ERC's and BI's. Be heads up for changes in fire behavior due to changes in fuel, weather or terrain.

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group NIGHT		
3. Incident Name FERGUSON FIRE			4. Operational Period NIGHT SHIFT September 3 and 4, 2011 2200 - 0800				
5. Operations Personnel							
Operations Chief		Steve Parr		Division/Group Supervisor			
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
ICP Structure Protection		Richard Baker		1	N	ICP 2200	ICP 0600
Task Force Leader		Jeremiah Phillips		1	N	ICP 2200	ICP 0600
MS Eng 741		Fred Bein		3	N	ICP 2200	ICP 0600
NM Eng Q&M (E-4)		Jonald Love		3	N	ICP 2200	ICP 0600
Eng San Juan 13 (E-5)		Michael Bradshaw		2	N	ICP 2200	ICP 0600
Eng South Metro (E-14)				3	N	ICP 2200	ICP 0600
7. Control Operations							
<ul style="list-style-type: none"> Patrol and Monitor Point protection as indicated 							
8. Special Instructions							
Park Headquarters Evacuation Plan <ul style="list-style-type: none"> OSC Operations determines when evacuation is needed for Refuge Headquarters Residences Go door to door and notify residents of units 2, 3, 24, 34, 61, 64 and 67 Notify Refuge Supervisory Biologist to evacuate animals Notify Ft. Sill Fire Chief thru County 911 Make other notifications as needed, IC, Refuge Law Enforcement, etc. 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx 164.6750 Tx 163.1750 Tone 103.5	King NIFC	1	Logistics		King NIFC	
Tactical Div/Group	RX/TX 164.750	King NIFC	10	Air to Ground		King NIFC	
Prepared by (Resource Unit Leader) Newell, Fountain, Yanagisawa			Approved by (Planning Section Chief)			Date	Time

S A F E T Y M E S S A G E
FERGUSON FIRE
September 3-4, 2011
Night Shift
2200-0600

LOOKOUTS, COMMUNICATIONS, ESCAPE ROUTES, SAFETY ZONES

We Need all this to perform our job safely, it's up to everyone!!

Weather:

"RED FLAG ISSUED FOR TONIGHT" Cold front passage is expected with possible thunder storms. Be heads up for any change in fire behavior. Establish LCES prior to any engagement. "NORTH WIND EXPECTED"

Transportation:

Driving is the most hazardous thing you will do on a fire!!!

Watch for Buffalo, Elk, and Long Horn's on the road.

If driving off road be heads up for Buffalo Wallows in the tall grass, can't see them till you are in them!!!!

Be aware of the public driving around the road barriers, they will be watching the fire and not you!!!!

SLOW DOWN DRIVE DEFENSIVELY AT ALL TIMES

Hydration:

Treat night shift the same as day shift. Drink 2 waters to every Gatorade.

If you become thirsty its to late, you are already behind the curve!!

HYDRATE - HYDRATE - HYDRATE

**Prepared by: Jennifer Boyd Safety Officer Date: 09/03/11
Linda Szczepanik Deputy Safety**

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.
ALL	EXTREME FIRE BEHAVIOR POTENTIAL RED FLAG WARNING 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 with frontal passage 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"> Refuge roads around the fire are closed to the public, barricades are not stopping everyone watch out. Drive with headlights on; road construction along Hwy 49, drop offs along Hwy 49 Power poles burnt and wires across the road, consider all wires hot. Watch for Bison and Long Horns 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.
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.). Supervisors insure that personnel with severe reaction to bee sting, etc. have "epi-kits" or consider leaving such individuals in camp.
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: 9/3/11	OPERATIONAL PERIOD Night Shift
ICS 215a	TIME PREPARED: 1400 HOURS	Prepared by Jennifer Boyd,

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name/Incident Number FERGUSON			Date/Time Prepared 9/3/2011 1800		Operational Period Date/Time 9/3/11 2200 – 9/4/11 0800		
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										
5										
6										
7										
8	Tactical	FIRE	Extra Tac	169.6250 N	N/A	169.6250 N	N/A	A		
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	Fish-A	FWS-A	Fish & Wildlife	164.6250 N	N/A	164.6250 N	N/A	A		
14	R-8 Fire	R-8 FIRE		169.9000 N	N/A	169.9000 N	N/A	A		
16/20	GUARD	AIRGUARD	ALL DIVISION	168.6250 N	N/A	168.6250 N	110.9	A	Emergency Use Only	
5. Prepared by (Communications Unit) Scott La Rue, COML(T)					Incident Location County State OK Latitude N Longitude W					

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 9/03/2011	3. TIME PREPARED 1000Hrs.	4. OPERATIONAL PERIOD Night					
5. INCIDENT MEDICAL AID STATIONS										
MEDICAL AID STATIONS		LOCATION				PARAMEDICS				
Assigned Personnel		On Divisions				YES	NO			
							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			
Call 911		Call 911				X				
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										
LINE EMERGENCY: Crew Supervisor to contact Division Supervisor/OPSC with patient complaint/condition and location. <ul style="list-style-type: none"> Division Supervisor/ OPSC contacts: <ol style="list-style-type: none"> Calls 911 MEDL Via cell (805)550-5007 MEDL contacts: <ol style="list-style-type: none"> Operations Safety Division Supervisor/OPSC will run medical emergency on command DIVS/OPSC will clear command channel for emergency traffic 911 Dispatcher: <ol style="list-style-type: none"> Dispatch ground ambulance to nearest drop-point for ground transport only. 					<u>INJURY REPORTING PROCEDURES</u>					
					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 ___					
					ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.					
206 ICS		9. PREPARED BY: (Medical Unit Leader) Matt Lipson				10. REVIEWED BY: (Safety Officer) Jennifer Boyd				

