

# *Copper Breaks*

## *Fire*

**TX-TXS-190226**

## *Vivian Fire*

**TX-TXS-190262**

**Tuesday August 27, 2019**

**08:00 – 20:00**



**Email: [2019.copperbreaks@firenet.gov](mailto:2019.copperbreaks@firenet.gov)**

## INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b>	<b>2. Operational Period: DAY</b>	
COPPER BREAKS VIVIAN	Date/Time From: 08/27/2019 0800 TUE	Date/Time To: 08/27/2019 2000 TUE

**3. Objective(s):**

Provide for firefighter safety through hazard assessments, application of sound risk management decisions, and deliberate mitigation actions.  
 Minimize fire impacts to private lands and ranches around the perimeter, and provide structures protection as need.  
 Operational strategies should include a risk assessment that weighs the values at risk vs. firefighter safety and exposure  
 Manage the human resources assigned in a manner that promotes mutual respect, and is consistent with policy for preventing harassment.  
 Maintain and enhance relationships with the surrounding communities and all cooperators by sustaining inclusive communication strategies and providing timely and accurate information to interested parties.

**4. Operational Period Command Emphasis:**

The overall objective for Copper Breaks and Vivian fire is full suppression of the wildfire.  
 Limit further spread of fire on private lands.  
 Assess and Protect structures as needed.  
 Use suppression tactics that are commensurate with values at risk.  
 Assist with initial response as requested by TFS.  
 Leave Gates as you find them! Either closed or open. Document damage and report damage to fence and gates to Operations immediately, and make hasty repair as soon as possible to do so to prevent loss of livestock and mitigate for safety on roadways.

**General Situational Awareness:**

Weather conditions have moderated but fire danger is still high. Potential for thunderstorms building in the area throughout today and tomorrow. Be alert to changing conditions, downdrafts, and hail.

**5. Site Safety Plan Required?**    Yes     No

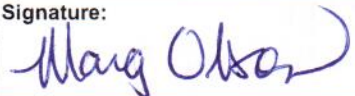
**Approved Site Safety Plan(s) Located at:**

**6. Incident Action Plan**    (the items checked below are included in this Incident Action Plan):

<input type="checkbox"/> ICS 202	<input type="checkbox"/> ICS 207	Other Attachments: <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
<input type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 208	
<input type="checkbox"/> ICS 204	<input type="checkbox"/> ICS 220	
<input type="checkbox"/> ICS 205	<input type="checkbox"/> Map/Chart	
<input type="checkbox"/> ICS 205A	<input type="checkbox"/> Weather Forecast/Tides/Currents	
<input type="checkbox"/> ICS 206		

<b>7. Prepared by:</b> MARG OLSON	Position/Title: PSC1	Signature:
<b>8. Approved by Incident Commander:</b>	Name: MIKE DUEITT	Signature:
ICS 202	IAP Page	Date/Time: 08/26/2019 2100

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b>		<b>2. Operational Period: DAY</b>	
COPPER BREAKS VIVIAN		Date/Time From: 08/27/2019 0800 TUE	Date/Time To: 08/27/2019 2000 TUE
<b>3. Incident Commander(s) and Command Staff:</b>		FACILITIES UNIT	DAVID MOODY
IC/UC	MIKE DUEITT JIM COOPER	GROUND SUPPORT UNIT	BO SULLIVAN
DEPUTY	STEVE PARRISH ROBERT TRINCADO (T)	ORDERING MANAGER	JACK WEST
SAFETY OFFICER	BRAD LIDELL TOMMY HAWKINS	RECEIVING AND DISTRIBUTION	LISA MEEKINS
INFORMATION OFFICER	CATHERINE HIBBARD LUDIE BOND	COMMUNICATIONS UNIT	JERRY PATRICK BARRY STEARNS (T)
LIAISON OFFICER	PAUL STEVENS JIM COOPER	MEDICAL UNIT	FRED ADLER
<b>4. Agency/Organization Representative(s):</b>		<b>7. Operations Section:</b>	
<b>Agency/Organization</b>	<b>Name</b>	OPS SECTION CHIEF	MARK JAMIESON
HARDEMAN COUNTY JUDGE	RONNIE INGRAM (940-839-8356)	FIELD OPS	DAVE WALKER TROY FLOYD
HARDEMAN COUNTY SHERIFF OFFICE	MARK WILLIAMS (940-674-5088)	PLANNING OPS	GEORGE CUSTER BRIAN BROWNING (T)
QUANAH MAYOR	DALE EATON (940-839-7592)	<b>Branch I</b>	
QUANAH FIRE CHIEF	CASEY O'NEAL (940-674-5176)	BRANCH DIRECTOR	
FOARD COUNTY JUDGE	MARK CHRISTOPHER (940-655-4715)	DIVISION/GROUP	A/B/C MARK PLOSKI DAVID COLLINS (T)
FOARD COUNTY SHERIFF OFFICE	PERRY SHAW (940-684-1501)	<b>Branch II</b>	
<b>5. Planning Section:</b>		BRANCH DIRECTOR	BRYCE THOMAS
CHIEF	MARG OLSON; TERRY PIERCE MISSY FORDER (T)	DIVISION/GROUP	A/F SHANE STURGILL
RESOURCES UNIT	BARRY FARRELL	DIVISION/GROUP	K JEFF BEIN
SITUATION UNIT	TERRY BOWERMAN ERIC SCHMECKPEPER (T)	DIVISION/GROUP	S JEREMY BRAND MIKE BROD (T)
INCIDENT METEOROLOGIST	GREG MURDOCH	DIVISION/GROUP	Z CLIFF WILLIS JOEL BARTLETT (T)
GIS SPECIALIST	ANDREW THOMPSON DAKOTA PARIS	DIVISION/GROUP	STRUCTURE CRAIG ROBERTSON
FIRE BEHAVIOR ANALYST	ALISON COONS GREG TITUS (T)	<b>7b. Air Operations Branch:</b>	
DEMOBILIZATION UNIT	DONNA THOMAS (T)	AIR OPS BRANCH DIRECTOR	TOM ANDERSON
DOCUMENTATION UNIT	TIFFANY PATE	AIR ATTACK SUPERVISOR	GORDON JAY GROSSLIGHT
TECHNOLOGY SUPPORT SPECIALIST	GIO CABAN JOE ASHBY	AIR SUPPORT SUPERVISOR	JOHN MASON
<b>6. Logistics Section:</b>		<b>8. Finance/Administration Section:</b>	
CHIEF	JOHNNY SMITH	CHIEF	BONNY JOHNSON
DEPUTY	RICK BARRETT SCOTT CARRIGAN (T)	TIME UNIT	JEAN FRICK
SUPPLY UNIT	MARK MORGAN	PROCUREMENT UNIT	GEMAA PELCH SHAWN HENDRICKSON (T)
FACILITIES UNIT	CHRIS REVELS	COMPENSATION UNIT	KIM HAYES
<b>9. Prepared By:</b>		<b>Signature:</b>	
Name: MARG OLSON	Position/Title: PSC1		
ICS 203 IAP Page	Date/Time: 08/26/2019 2100		



To: All Incident Personnel, Copper Breaks and Vivian Fire 2019

As Southern Area National Type I Incident Commander, I am committed to a policy of “zero tolerance” of inappropriate behavior during incident operations. Any form of harassment, discriminatory practices, or disrespectful behavior will not be tolerated. Known or reported acts will be dealt with appropriately.

I am particularly concerned about the perception that alcohol has a place in any of the Incident facilities. It is not appropriate to indulge in alcoholic beverages during any fire assignment.

The National Team from the Southern Region has a policy of “NO ALCOHOL” from the time of dispatch until the time of physical release from the Incident. Members of the Team voluntarily comply with this policy; all incident personnel will be expected to do so also.

We endorse, support, and expect an attitude of mutual respect for all Incident personnel and the public we serve. We also, endorse the attitude and work ethic that places “Safety First, every time on every Incident.” We expect nothing less.

/s/ Mike Dueitt

Incident Commander

SAIMT 1



## Fire Weather Forecast



**FORECAST NO:** 7  
**PREDICTION FOR:** Tuesday  
**OPERATIONAL PERIOD:** August 27 2019  
**FORECAST ISSUED:** 8/26/2019 at 1800

**INCIDENT:** Copper Breaks and Vivian  
**UNIT:** TAMFS

*Greg Murdoch*  
**Incident Meteorologist: Greg Murdoch**

### Weather Discussion:

In wake of the cold front much cooler and more moist conditions are expected. The breezy winds will decrease in the afternoon as storms become increasingly favored late day and moreso into the evening. A few strong storms are possible into Tuesday evening through Wednesday morning. Cooler and more moist conditions will persist through Wednesday.

### WEATHER FORECAST

#### Today:

**Weather:** Mostly cloudy and cooler with widely scattered showers and storms. A few strong storms are possible late in the day.

**High Temperatures:** 85-90.

**Min RH:** 55%.

**WINDS:** NE 10-20 mph early, then decreasing E 5-10 mph by afternoon.

**Chance of storms...**20%    **LAL...**2    **Haines Index...**4 (Low)

#### Tonight:

**Weather:** Mostly cloudy. Scattered showers and storms, a few strong storms possible.

**Low Temperatures:** 65-69.

**Max RH:** 88-93%.

**WINDS:** NE 5-15 mph. Hail and gusty outflow winds possible.

**Chance of storms....**60%    **LAL...** 4    **Haines Index...**2 (Very low)

#### Wednesday:

**Weather:** Mostly cloudy. A few storms possible early.

**High Temperatures:** 80-85.

**Min RH:** 60%.

**WINDS:** E 5-10 mph.

**Chance of storms...**30%, 5% after 10 AM    **LAL...**2, then 1    **Haines Index...**3 (Low)

#### Outlook Thursday:

**Weather:** Mostly cloudy and cooler. A few showers/storms possible early. Decreasing clouds by afternoon.

**High Temperatures:** 91-94.

**Min RH:** 40-45%.

**WINDS:** S winds 5 to 10 mph.

**Chance of storms...**10%    **LAL...**3    **Haines Index...**3 (Low)

## FIRE BEHAVIOR FORECAST

<b>Incident Name</b>	Copper Breaks / Vivian	<b>Forecast Number</b>	7
<b>Operational Period</b>	08/27/2019	<b>Date/Time Issued</b>	08/26/2019 1800
<b>Unit</b>	TX-TXS	<b>Forecast by</b>	Alison Coons FBAN Greg Titus FBAN(t)

### FIRE BEHAVIOR DISCUSSION

**GENERAL:**

- Minimal fire activity expected across fire area, weather conditions less favorable for hot spots to show themselves due to higher humidity.
- Today should be a great day to mop up fuels near to control lines.
- Haines Index of 4

<b>Probability of Ignition:</b> 38%	<b>Fuel Type &amp; Moisture</b>	<b>Rates of Spread</b>	<b>Flame Length</b>
<b>Spotting Distance:</b> Up to 0.3 miles	Juniper and mesquite with grass understory	<b>Wind</b>	2-6 feet
Predicted Energy Release Component (ERC): 52	1 hr - 9%	5 mph	
	10 hr - 9%	10 mph	
	100 hr - 9%	15 mph	
	1000 hr - 11%	15 mph	
	Herb - 40% Woody - 115%	<b>ROS</b>	
		7 ch/hr	
		17 ch/hr	
		28 ch/hr	

**SPECIFIC:**

**Copper Breaks-** IR flight found no heat signatures in the fire area.

**Vivian-** Although all divisions had hot spots identified by IR flight, the highest concentration of heat was observed in Division K.

**AIR OPERATIONS:**

No major concerns for air operations today. Possibly of storms in the afternoon.

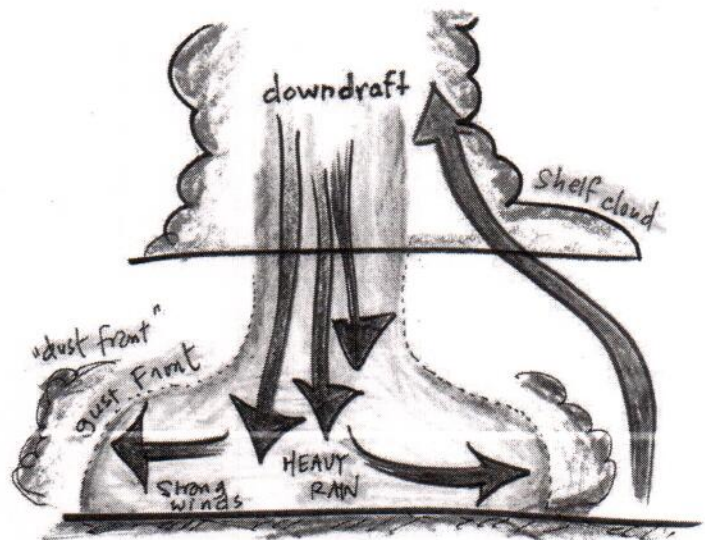
**SAFETY:**

Watch Out Situation #18 is important today: **Taking a nap near the fireline.** Now is not the time to become complacent or let your guard down. Continue to maintain your focus, and continue to monitor the situation around you.

**LEARN MORE ABOUT FIRE BEHAVIOR**

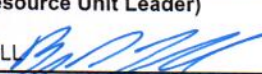
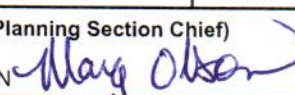
**Thunderstorm Dynamics, Outflows and Downbursts**

Thunderstorms in the vicinity of a fire have the potential to produce outflow gust fronts or downbursts, regardless of whether the updraft is fed by the fire, or not. Any evidence of precipitation means the storm has developed to the point where it can produce these types of winds, as well as lightning. Rain at the ground or virga is a potential warning sign. Outflow gust fronts are winds radiating outward but primarily in the direction of storm motion, from the base of the convection. They are present in all well-developed convection and last from a few minutes to an hour or more. Downbursts are much less common, shorter lived, and affect a much smaller area. Either type of wind has the potential to abruptly change the speed and direction of fire spread. **Outflow gust fronts and downbursts have both been cited as a causal agent in multiple firefighter fatalities.**



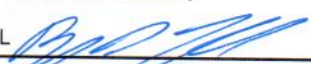
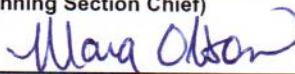
Please send your fire behavior observations to: [2019.CopperBreaks.Situation@firenet.gov](mailto:2019.CopperBreaks.Situation@firenet.gov)

**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>			<b>3.</b>			
COPPER BREAKS VIVIAN			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> DAY			<b>I</b>		<b>A/B/C</b>	
Date/Time From: 08/27/2019 0800 TUE	Date/Time To: 08/27/2019 2000 TUE					
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		MARK JAMIESON		<b>FIELD OPS</b>		DAVE WALKER, TROY FLOYD
<b>DIVISION/GROUP SUPERVISOR</b>		MARK PLOSKI, DAVID COLLINS (T)		<b>AIR OPS BRANCH DIRECTOR</b>		TOM ANDERSON
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
STEN O-2	09/03	THOMAS DUNN	1	/0800	/2000	
ENG3 CA-CNF E-16	09/03	JAMES STEADMAN	5	/0800	/2000	
ENG6 KDF E-6	09/03	NICK VALENTINE	2	/0800	/2000	
ENG6 KDF E-7	09/03	ADAM MCGUIRE	2	/0800	/2000	
STEN O-3	09/03	ALAN HUSKINS	1	/0800	/2000	
ENG6 KDF E-8	09/03	MICHAEL CARTER	2	/0800	/2000	
ENG6 KDF E-9	09/03	SUSAN NIGHTINGALE	2	/0800	/2000	
DOZ2 CA-PNF E-2	09/04	THOMAS SANCHEZ	4	/0800	/2000	
WILDLAND PARAMEDIC UNIT 2-13 (972) 742-4175	08/28	JOHN WHITEHEAD	1	/0800	/2000	
<b>6. Control Operations/Work Assignments:</b>						
<b>Task:</b> Continue mop-up operations throughout the division, mopping up all heat that poses a threat to the line. Continue to patrol entire division. Take GPS coordinates, or mark on Collector, the locations of cut fences. Remove old flagging that is no longer needed.						
<b>Purpose:</b> To ensure fire doesn't escape.						
<b>End State:</b> To have secure line with no patrol.						
<b>7. Special Instructions:</b>						
Be prepared to assist with initial attack. Use degrees decimal minutes when communicating locations.						
DIVS will ensure that all personnel in their division leave the fire safely every night. Operational personnel will use the "Buddy" system to ensure everyone reaches their sleeping destination each night. Should an incident/accident occur, the "Buddy" will notify the appropriate supervisors up the chain of command.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	2	170.4250N	131.8	168.0750N	131.8	A
TACTICAL	4	159.4350N	114.8	159.4350N	114.8	A
TACTICAL	6	159.3150N	114.8	159.3150N	114.8	A
AIR TO GROUND	13	154.3025N	156.7	154.3025N	156.7	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
BARRY D. FARRELL 			MARG OLSON 		08/26/2019	2100


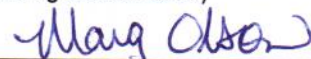
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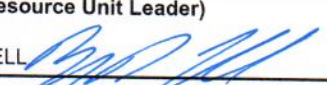
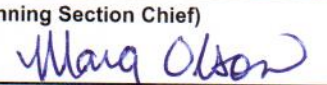
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COPPER BREAKS VIVIAN			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> <b>DAY</b>			<b>II</b>		<b>A/F</b>	
Date/Time From: 08/27/2019 0800      TUE		Date/Time To: 08/27/2019 2000      TUE				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		MARK JAMIESON		<b>FIELD OPS</b> DAVE WALKER, TROY FLOYD		
<b>BRANCH DIRECTOR</b>		BRYCE THOMAS		<b>DIVISION/GROUP SUPERVISOR</b> SHANE STURGILL		
<b>AIR OPS BRANCH DIRECTOR</b>		TOM ANDERSON				
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
TFLD O-5***		09/03	MIRANDA STUART	1	/0800	/2000
ENG3 CA-SQF E-19***		09/04	ALEX BARRERA	5	/0800	/2000
ENG6 GA-CHF E-10***		09/03	ANDREW BAXTER	3	/0800	/2000
ENG6 NC-NCF E-14***		09/03	DREW FORD	3	/0800	/2000
DO22 KY-KYS E-1***		09/06	JAMES MORRIS	2	/0800	/2000
DO22 GA-GAS E-2***		09/07	TROY HELMS JR	2	/0800	/2000
TFLD (T) E-14.2		09/03	LONNIE STALCUP	1	/0800	/2000
ENG3 CA-LPF E-20		09/04	ANDREW KEENER	5	/0800	/2000
ENG6 MS-NAP E-10		09/08	ROBERT VICK	3	/0800	/2000
ENG6 LA-KIF E-12		09/06	ADAM CARPENTER	3	/0800	/2000
DO22 AR-OZF E-4		09/07	HEATH THOMAS	2	/0800	/2000
WTS2 CA-BDF E-15		09/06	RAMON HERRERA	2	/0800	/2000
WTRK TX-DOT E-9004		09/03	CARLOS LOZANO	2	/0800	/2000
SOF2 O-47		09/06	LARRY CONNELL	1	/0800	/2000
WILDLAND PARAMEDIC UNIT 2-15 (214)-883-1381		09/06	CHRIS HARLOW	1	/0800	/2000
<b>6. Control Operations/Work Assignments:</b>						
<p><b>Task:</b> Take advantage of terrain and fire activity to construct direct line where possible. Improve existing containment lines. Mop-up any heat that poses a threat to the line. Patrol containment lines. Gather GPS coordinates or enter in Collector locations of cut fences. Remove old flagging that is not needed.</p> <p><b>Purpose:</b> To ensure fire doesn't escape.</p> <p><b>End State:</b> To have secure line with no patrol.</p>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	3	170.4125N	131.8	165.9625N	131.8	A
TACTICAL	9	154.2950N	156.7	154.2950N	156.7	A
AIR TO GROUND	13	154.3025N	156.7	154.3025N	156.7	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
BARRY D FARRELL 			MARG OLSON 		08/26/2019	2100



**Division/Group Assignment List (ICS 204 WF)**  
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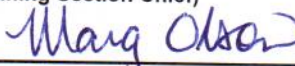
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<b>BRANCH DIRECTOR</b>	BRYCE THOMAS		<b>DIVISION/GROUP SUPERVISOR</b>	SHANE STURGILL			
<b>AIR OPS BRANCH DIRECTOR</b>	TOM ANDERSON						
<b>6. Control Operations/Work Assignments:</b>							
<b>7. Special Instructions:</b>							
<p><b>***Designated units for initial attack.</b>            AST 2-12 Ambulance Jason Reed (541) 706-1732 at County Road 48 and County Road 475.            REM 2-10 Brant Frazier (940) 733-7882 in DIV S.            DIVS will ensure that all personnel in their division leave the fire safely every night.            Operational personnel will use the "Buddy" system to ensure everyone reaches their sleeping destination each night.            Should an incident/accident occur, the "Buddy" will notify the appropriate supervisors up the chain of command.</p>							
<b>8. Division/Group Communication Summary</b>							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
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<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>		
BARRY D FARRELL 		MARG OLSON 		08/26/2019	2100		

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<b>BRANCH DIRECTOR</b>	BRYCE THOMAS		<b>DIVISION/GROUP SUPERVISOR</b>		JEFF BEIN	
<b>AIR OPS BRANCH DIRECTOR</b>	TOM ANDERSON					
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
TFLD O-6	09/03	ERIC MEEKINS	1	/0800	/2000	
ENG6 GA-CHF E-11	09/03	DERSTINE MATTHEW	3	/0800	/2000	
DOZ2 MD E-1	09/03	PAUL WOLFE	2	/0800	/2000	
DOZ3 NC-NCF E-6	09/08	SETH THOMAS	2	/0800	/2000	
SOF2 O-48	08/05	IVAN CUPP	1	/0800	/2000	
WILDLAND PARAMEDIC UNIT 2-14 (903) 335-9622	09/05	DALTON IRBY	1	/0800	/2000	
<b>6. Control Operations/Work Assignments:</b>						
<p><b>Task:</b> Take advantage of terrain and fire activity to construct direct line where possible. Improve existing containment lines. Mop-up any heat that poses a threat to the line. Patrol containment lines. Gather GPS coordinates or enter in Collector locations of cut fences. Remove old flagging that is not needed.</p> <p><b>Purpose:</b> To ensure fire doesn't escape.</p> <p><b>End State:</b> To have secure line with no patrol.</p>						
<b>7. Special Instructions:</b>						
<p>AST 2-13 Ambulance David Allman (325) 733-7098 at staging.          REM 2-10 Brant Frazier (940) 733-7882 in DIV S.          DIVS will ensure that all personnel in their division leave the fire safely every night.          Operational personnel will use the "Buddy" system to ensure everyone reaches their sleeping destination each night.          Should an incident/accident occur, the "Buddy" will notify the appropriate supervisors up the chain of command.</p>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	3	170.4125N	131.8	165.9625N	131.8	A
TACTICAL	10	154.2725N	156.7	154.2725N	156.7	A
AIR TO GROUND	13	154.3025N	156.7	154.3025N	156.7	A
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
BARRY D. FARRELL 		MARG OLSON 		08/26/2019	2100	

## Division/Group Assignment List (ICS 204 WF)


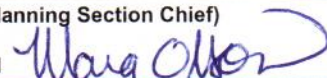
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>			<b>3.</b>			
COPPER BREAKS VIVIAN			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> DAY			<b>II</b>		<b>S</b>	
Date/Time From: 08/27/2019 0800 TUE	Date/Time To: 08/27/2019 2000 TUE					
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b> MARK JAMIESON		<b>FIELD OPS</b> DAVE WALKER, TROY FLOYD				
<b>BRANCH DIRECTOR</b> BRYCE THOMAS		<b>DIVISION/GROUP SUPERVISOR</b> JEREMY BRAND, MIKE BROD (T)				
<b>AIR OPS BRANCH DIRECTOR</b> TOM ANDERSON						
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
TFLD O-10	09/06	JASON BOONE	1	/0800	/2000	
ENG6 AL-ALS E-12	09/03	ERIC BAKER	3	/0800	/2000	
ENG6 GA-GAS E-13	09/04	CARNELL BRYANT	2	/0800	/2000	
HEQB O-15	09/06	RICHARD GORE	1	/0800	/2000	
DOZ2 MCGREGOR 9392		MATTHEW VOGES	2	/0800	/2000	
TFLD O-12	09/06	CHRIS MINOR	1	/0800	/2000	
ENG6 NC-NCF E-13	09/07	CODY THOMAS	3	/0800	/2000	
HEQB O-14	09/06	TAYLOR WILLINGHAM	1	/0800	/2000	
DOZ2 CA-LPF E-4	09/03	SEAN KELLEY	2	/0800	/2000	
DOZ2 AL-ALS E-5	09/04	RICHARD FIELDS	2	/0800	/2000	
EXCA TX-TXS E-21	09/07	KEVIN KNIGHT	1	/0800	/2000	
FOBS O-17	09/06	ERIC STUART	1	/0800	/2000	
SOF2 (O-49)	09/06	MIKE COOK	1	/0800	/2000	
<b>6. Control Operations/Work Assignments:</b>						
<p><b>Task:</b> Take advantage of terrain and fire activity to construct direct line where possible. Improve existing containment lines. Mop-up any heat that poses a threat to the line. Patrol containment lines. Gather GPS coordinates or enter in Collector locations of cut fences. Remove old flagging that is not needed.</p> <p><b>Purpose:</b> To ensure fire doesn't escape.</p> <p><b>End State:</b> To have secure line with no patrol.</p>						
<b>7. Special Instructions:</b>						
<p>AST 2-13 Ambulance David Allman (325) 733-7098 at staging. REM 2-10 Brant Frazier (940) 733-7882 in DIV S.</p> <p>DIVS will ensure that all personnel in their division leave the fire safely every night.</p> <p>Operational personnel will use the "Buddy" system to ensure everyone reaches their sleeping destination each night.</p> <p>Should an incident/accident occur, the "Buddy" will notify the appropriate supervisors up the chain of command.</p>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	3	170.4125N	131.8	165.9625N	131.8	A
TACTICAL	7	154.2800N	156.7	154.2800N	156.7	A
AIR TO GROUND	13	154.3025N	156.7	154.3025N	156.7	A
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
BARRY D. FARRELL 		MARG OLSON 		08/26/2019	2100	

**Division/Group Assignment List (ICS 204 WF)**  
**Controlled Unclassified Information//Basic**

<b>1. Incident Name:</b>			<b>3.</b>			
COPPER BREAKS VIVIAN			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> DAY			<b>II</b>		<b>Z</b>	
Date/Time From: 08/27/2019 0800 TUE		Date/Time To: 08/27/2019 2000 TUE				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b> MARK JAMIESON		<b>FIELD OPS</b> DAVE WALKER; TROY FLOYD				
<b>BRANCH DIRECTOR</b> BRYCE THOMAS		<b>DIVISION/GROUP SUPERVISOR</b> CLIFF WILLIS; JOEL BARTLETT (T)				
<b>AIR OPS BRANCH DIRECTOR</b> TOM ANDERSON						
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
TFLD O-11	09/06	TED RUMLEY	1	/0800	/2000	
MOD BALD MOUNTAIN	09/03	AARON SILVA	7	/0800	/2000	
MOD WASATCH A	09/02	ERIC VELARDE	4	/0800	/2000	
ENG3 CA-STF E-7	09/07	BRADLEY WALKER	5	/0800	/2000	
ENG3 CA-SNF E-8	09/07	MICHAEL SEYMOUR	5	/0800	/2000	
ENG3 NM-SNF E-9	09/06	KYLE SANDOVAL	5	/0800	/2000	
ENG6 AR-OZF E-11	09/06	JAMES LINDSAY	3	/0800	/2000	
ENG6 TN-CNF E-14	09/06	CODY DANIELS	3	/0800	/2000	
HEQB O-13	09/06	NICHOLAS WIGLE	1	/0800	/2000	
DOZ3 AR-OZF E-5	09/06	BRENT DAVIS	2	/0800	/2000	
WTS2 CA-SQF E-16	09/07	JAIME AYALA	2	/0800	/2000	
SOF2 O-49	09/06	MIKE COOK	1	/0800	/2000	
WILDLAND PARAMEDIC UNIT 2-12 (214) 649-9602		ANDREW VALENTINI	1	/0800	/2000	
<b>6. Control Operations/Work Assignments:</b>						
<p><b>Task:</b> Take advantage of terrain and fire activity to construct direct line where possible. Improve existing containment lines. Mop-up any heat that poses a threat to the line. Patrol containment lines. Gather GPS coordinates or enter in Collector locations of cut fences. Remove old flagging that is not needed.</p> <p><b>Purpose:</b> To ensure fire doesn't escape.</p> <p><b>End State:</b> To have secure line with no patrol.</p>						
<b>7. Special Instructions:</b>						
<p>AST 2-13 Ambulance David Allman (325) 733-7098 at staging. REM 2-10 Brant Frazier (940) 733-7882 in DIV S.</p> <p>DIVS will ensure that all personnel in their division leave the fire safely every night.</p> <p>Operational personnel will use the "Buddy" system to ensure everyone reaches their sleeping destination each night.</p> <p>Should an incident/accident occur, the "Buddy" will notify the appropriate supervisors up the chain of command.</p>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	3	170.4125N	131.8	165.9625N	131.8	A
TACTICAL	11	154.2875N	156.7	154.2875N	156.7	A
AIR TO GROUND	13	154.3025N	156.7	154.3025N	156.7	A
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
TIFFANY PATE <i>Tiffany Pate</i>		MARG OLSON <i>Marg Olson</i>		08/26/2019	2100	

**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>			<b>3.</b>			
COPPER BREAKS VIVIAN			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> DAY			<b>II</b>		<b>STRUCTURE GROUP</b>	
Date/Time From: 08/27/2019 0800 TUE	Date/Time To: 08/27/2019 2000 TUE					
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		MARK JAMIESON		<b>FIELD OPS</b> DAVE WALKER; TROY FLOYD		
<b>BRANCH DIRECTOR</b>		BRYCE THOMAS		<b>DIVISION/GROUP SUPERVISOR</b> CRAIG ROBERTSON		
<b>AIR OPS BRANCH DIRECTOR</b>		TOM ANDERSON				
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
STEN TFMS 104 E-2007	08/30	CODY STILWELL	1	/0800	/2000	
ENG3 CA-BDF E-17	09/04	PEDRO OLAGUE	5	/0800	/2000	
ENG3 CA-BDF E-18	09/04	RENO RENTERIA	5	/0800	/2000	
ENG6 TFMS E-2008	08/30	LANCE WILKINSON	3	/0800	/2000	
ENG6 TFMS E-2009	08/30	JOSH CLARK	2	/0800	/2000	
ENG6 TFMS E-2010	08/30	ROB SNIDER	2	/0800	/2000	
ENG6 TFMS E-2011	09/02	JASON MALONEY	2	/0800	/2000	
ENG6 TFMS E-2012	08/30	CHAISE HUDSON	2	/0800	/2000	
ENG6 NC-ALR E-15	09/03	ANTHONY DAVIS	2	/0800	/2000	
DO22 CA-BDF E-3	09/04	DAREN HOWARD	2	/0800	/2000	
<b>6. Control Operations/Work Assignments:</b>						
<p><b>Task:</b> Take advantage of terrain and fire activity to construct direct line where possible. Improve existing containment lines. Mop-up any heat that poses a threat to the line. Patrol containment lines. Gather GPS coordinates or enter in Collector locations of cut fences. Remove old flagging that is not needed.</p> <p><b>Purpose:</b> To ensure fire doesn't escape.</p> <p><b>End State:</b> To have secure line with no patrol.</p>						
<b>7. Special Instructions:</b>						
<p>Be prepared to assist with initial attack. Use degrees decimal minutes when communicating locations.</p> <p>AST 2-13 Ambulance David Allman (325) 733-7098 at staging.</p> <p>REM 2-10 Brant Frazier (940) 733-7882 in DIV S.</p> <p>DIVS will ensure that all personnel in their division leave the fire safely every night.</p> <p>Operational personnel will use the "Buddy" system to ensure everyone reaches their sleeping destination each night.</p> <p>Should an incident/accident occur, the "Buddy" will notify the appropriate supervisors up the chain of command.</p>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	3	170.4125N	131.8	165.9625N	131.8	A
TACTICAL	8	154.2650N	156.7	154.2650N	156.7	A
AIR TO GROUND	13	154.3025N	156.7	154.3025N	156.7	A
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
BARRY D. FARRELL 		MARG OLSON 		08/26/2019	2100	

**Controlled Unclassified Information // Basic**

<b>INCIDENT RADIO COMMUNICATIONS PLAN ICS-205</b>	1. INCIDENT NAME	2. DATE/TIME PREPARED	3. OPERATIONAL PERIOD DATE/TIME
	Copper Breaks Fire / Vivian Fire	8/26/2019 1630	8/27/2019 0700-2000

**4. BASIC RADIO CHANNEL UTILIZATION**

Ch #	Channel Name	Assignment	RX Frequency	RX Tone / NAC	TX Frequency	TX Tone / NAC	Mode Digital (D) Analog (A) Mixed (M)	Remarks
1	VTAC36	ALL DIVISIONS	151.1375N	CSQ	159.4725N	136.5	A	SECONDARY CMD REPEATER
2	CMD 3	*COPPER BREAKS	170.4250N	131.8	168.0750N	131.8	A	COPPER BREAKS COMMAND REPEATER LINKED TO CMD 10
3	CMD 10	*BRANCH II	170.4125N	131.8	165.9625N	131.8	A	BRANCH II COMMAND REPEATER LINKED TO CMD 3
4	TAC A	DIV A/B/C COPPER BREAKS	159.4350N	114.8	159.4350N	114.8	A	FIRELINE COMMS (COPPER BREAKS)
5	TAC B	UNASSIGNED	151.4750N	114.8	151.4750N	114.8	A	UNASSIGNED
6	TAC C	DIV A/B/C COPPER BREAKS	159.3150N	114.8	159.3150N	114.8	A	FIRELINE COMMS (COPPER BREAKS)
7	VFIRE21	DIV S BRANCH II	154.2800N	156.7	154.2800N	156.7	A	FIRELINE COMMS (VIVIAN)
8	VFIRE22	STRUCTURAL	154.2650N	156.7	154.2650N	156.7	A	STRUCTURAL PROTECTION
9	VFIRE23	DIV A/F BRANCH II	154.2950N	156.7	154.2950N	156.7	A	FIRELINE COMMS (VIVIAN)
10	VFIRE24	DIV K BRANCH II	154.2725N	156.7	154.2725N	156.7	A	FIRELINE COMMS (VIVIAN)
11	VFIRE25	DIV Z BRANCH II	154.2875N	156.7	154.2875N	156.7	A	FIRELINE COMMS (VIVIAN)
12	NOT PROGRAMMED							NOT PROGRAMMED
13	VFIRE26	ALL DIVISIONS	154.3025N	156.7	154.3025N	156.7	A	AIR TO GROUND (COPPER BREAKS/VIVIAN)
14	A/G PRI	IA	159.3000N	114.8	159.3000N	114.8	A	AIR TO GROUND PRIMARY (INITIAL ATTACK)
15	A/G SEC	TFS	151.3850N	114.8	151.3850N	114.8	A	AIR TO GROUND SECONDARY
16	AIR GUARD	ALL DIVISIONS	168.6250N	CSQ	168.6250N	110.9	A	AIR EMERGENCY OR INITIAL CONTACT

5. ICS-205 Prepared By Jerry W. Patrick COML /Barry Stearns COML (t) **\*IF YOU TRY ONE REPEATER AND IT DOES NOT WORK FOR YOU, SWITCH TO THE OTHER REPEATER AND TRY THAT ONE.**

# MEDICAL PLAN (ICS 206 WF)

<b>Incident/Project Name</b>		<b>1. Operational Period</b>					
<b>Copper Breaks Fire and Vivian Fire</b>		Date/Time <b>8/27/2019 0800-2000</b>					
<b>2. Ambulance Services</b>							
<b>Name</b>	<b>Complete Address</b>	<b>Phone</b>		<b>Advanced Life Support (ALS) Yes No</b>			
Hardeman County EMS	200 Mercer Quanah, Tx 79252	911		Yes			
<b>3. Air Ambulance Services</b>							
<b>Name</b>	<b>Phone</b>	<b>Type of Aircraft &amp; Capability</b>					
Apollo Air Based out of Childress, Texas	911	Helicopter 12 min					
Air Evac Based out of Altus, OK	911	Helicopter 25 min					
MARC Based out of Bridgeport, Texas	911	Helicopter 54 min					
<b>4. Hospitals</b>							
	<b>DD° MM.MMM' N - Lat DD° MM.MMM' W - Long</b>	<b>Travel Time Air Gnd</b>		<b>Phone</b>	<b>Helipad Yes No</b>	<b>Level of Care Facility</b>	
Hardeman Co. Memorial 402 Mercer St., Quanah, Texas 76252	Lat: N 34° 17.51	2 min	20 min	940-663-2795	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Level 4
	Long: W 99° 44.32						
	VHF:						
United Regional Hospital 1600 11th St., Wichita Falls Texas, 76301	Lat: N 33° 54.13	31 min	72 min	940-764-2119	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Level 2
	Long: W 98° 30.08						
	VHF:						
University Medical Center 602 N Indiana St Lubbock TX	Lat: N 33° 35.44	61 min	152 min	806-775-9700	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Level 1 Trauma Burn Center
	Long: W 101° 53.45						
	VHF:						
Childress Regional Center 901 Hwy 83 N Childress TX	Lat: N 34° 26.365	12 min	30 min	940-937-9131	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Level 4
	Long: W 100° 13.72						
	VHF:						
<b>5. Division   Branch   Group   Name, Capability and phone</b>							
Division A/B/C, (Copper Breaks) Wildland Paramedic Unit 2-13		John Whitehead, 972.742.4175, Vfire 22 radio contact, Wildland Paramedic Unit/ 2 Paramedics with full ALS capabilities. No transport capabilities.					
AST 2-13 Ambulance at Staging. (Vivian)		David Allman, 325.733.7098, Vtac 36 radio contact, MICU ambulance, transport ambulance					
Division K, (Vivian) WPU 2-14 Wildland Paramedic Unit 2-14		Dalton Irby, 903.335.9622, Vtac 36 radio contact, Wildland Paramedic Unit/ 2 Paramedics with full ALS capabilities. No transport capabilities.					
Division A/F, (Vivian) WPU 2-15 Wildland Paramedic Unit 2-15		Chris Harlow, 214.883.1381, Vtac 36 radio contact, Wildland Paramedic Unit/ 2 Paramedics with full ALS capabilities. No transport capabilities.					
Division Z, (Vivian) WPU2-12 Wildland Paramedic Unit 2-12		Andrew Valentini, 214.649.9602, Vtac 36 radio contact, Wildland Paramedic Unit/ 2 Paramedics with full ALS capabilities and have a Stokes basket, no transport capabilities.					
Division A/F, (Vivian)AST2-12 Staged at CR 480 and CR 475		Jason Reed, 541.706.1732, Vtac 36 radio contact, MICU ambulance, transport ambulance					
Division S, REM2-10 (Vivian)		Brant Frazier, 940.733.7882, Vtac 36 radio contact, Rapid Extrication Module					
<b>6. Prepared By (Medical Unit Leader)</b>		<b>7. Date/Time</b>		<b>8. Reviewed By (Safety Officer)</b>		<b>9. Date/Time</b>	
Fred Adler MEDL <i>Fred Adler</i>		8/26/19		Brad Lidell, SOF1 <i>Brad Lidell</i>		8/26/19	

### IWI IC Responsibilities:

\*\* Special instructions for Emergency Communications: If you are unable to contact Comms on radio call 911 \*\*

\*\*Medical person providing care must request type of transportation as early as possible (ie: air or ground)\*\*

- Take charge of the scene – inform the Division Supervisor and Communications that you are the IWI IC and establish radio communications (frequencies, channels). Identify the emergency name – Division A medical, Copper Breaks Fire medical, Highway 6 accident.
- Assign or begin patient assessment and first aid. Using the eight line in the Incident response pocket guide in the pink section page 118, Request additional medical resources on division/branch or across incident as early as possible Transmit patient information to Communications using Medical Incident Report on back
- Determine patient transportation through consultation with line medical personnel and Medical Unit Leader. Consider transportation time, risk to personnel, destination facility and available operational resources. If air transport is chosen, implement the plan for alternative transportation in the event aircraft cannot complete the mission. Order transportation resources through Communications as early as possible.
- Notify Communications as resources arrive and any patient status changes. Names of injured or deceased individuals will not be transmitted on the radio.
- Initiate documentation for future investigation; if a line safety officer is available, assign them to lead documentation. Do not move the deceased individuals, gear or personal effects except to accomplish rescue work or protect the safety of others. Obtain written documentation of witnesses. The Unit Log, ICS 214, may be used for the initial documentation, but a subsequent narrative will be required.



## HEALTH AND SAFETY MESSAGE

*"We don't count on luck to be safe, we plan on sound risk management and good decisions"*

*~ The Red Team*

**INCIDENT:** Copper Breaks & Vivian Fire

**DATE:** Tuesday, August 27, 2019

**Major Hazards & Risks:** Vehicle backing safety, Livestock, PPE

**Backing vehicle safely:** Backing accidents are totally preventable. Use a backer whenever it is necessary to back up especially in narrow or blind spots. If a passenger, volunteer to assist the driver and *do not take no for an answer.* If driving alone, step out of vehicle and determine if there are hazards to avoid. Many new vehicles come equipped with backup cameras and sensors. Check to make sure the camera is in good working order and clean the lens to avoid backing accidents.

**Livestock & Wildlife:** Drive defensively, especially around free-roaming cattle areas. One area of concern is Farm to Market Road 2566 on the Vivian Fire. Cattle frequent that area in the early morning and late evening. They are habituated to vehicle traffic and cross and/or stop on the road. Use caution anywhere livestock are present. Wildlife are active in all incident areas including deer and wild hogs.

**Personal Protective Equipment (PPE):** PPE is required for all work related tasks such as fireline operations. Hazard assessments are completed and standard for fire operations. If a new hazard is introduced into the work area, ensure proper training and PPE before beginning those new tasks.

### Common Denominators of Fire Behavior on Tragedy Fires

- Most incidents happen on the smaller fires or on isolated portions of larger fires.
- Most fires are innocent in appearance before the "flare-ups" or "blow-ups". In some cases, tragedies occur in the mop-up stage.
- Flare-ups generally occur in deceptively light fuels.
- Fires run uphill surprisingly fast in chimneys, gullies, chutes and on steep slopes.
- Some suppression tools, such as helicopters or air tankers, can adversely affect fire behavior. The blasts of air from low flying aircraft have been known to cause flare-ups.



**RESPECT  
DUTY  
INTEGRITY**

**Safety Officers: Brad Lidell, Tommy Hawkins, José Castro (Trainee), and our awesome staff of Line Safety Officers!**



## INCIDENT SAFETY ANALYSIS 215a

Copper Breaks Fire / Vivian Fire - Tuesday, August 27, 2019

8. Location	9. Hazard	6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
All Divisions BR I & II IA	Air Operations	<ul style="list-style-type: none"> <li>~ Follow " Aviation Watch-Out Situations" on page 46, IRPG.</li> <li>~ Don't plan on air resources for medical transport or resupply.</li> <li>~ Refer to page 58, IRPG for directing bucket drops.</li> <li>~ Ensure positive communication with all air resources.</li> </ul>
All Divisions BR II IA	Power Utilities	<ul style="list-style-type: none"> <li>~ Notify all personnel of down electrical lines.</li> <li>~ Refer to the IRPG pg. 24 for Power Line Safety.</li> <li>~ Always treat downed wires as energized.</li> </ul>
All Divisions BR I & II IA	Driving & Traffic	<ul style="list-style-type: none"> <li>~ Practice "Defensive Driving" techniques.</li> <li>~ Adjust following distance based on conditions.</li> <li>~ Always use headlights and seatbelts.</li> <li>~ Follow Agency protocols, manufacture guidelines and agency protocol when operating.</li> <li>~ Watch for wildlife and livestock along roads, especially at dusk and dawn.</li> </ul>
All Divisions BR I & II	Unburned Area/Reburn Potential	<ul style="list-style-type: none"> <li>~ Monitor weather.</li> <li>~ Base actions upon observed and predicted fire behavior.</li> <li>~ LCES Checklist (IRPG pg. 7).</li> <li>~ Look Up, Down and Around (IRPG pg. 3).</li> </ul>
All Divisions BR I & II	Heavy Equipment Operations	<ul style="list-style-type: none"> <li>~ Follow "Heavy Equipment use" guidelines, IRPG pg. 86.</li> <li>~ Ensure communications are established with operators.</li> <li>~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber.</li> <li>~ Use a spotter when when condtions permit.</li> </ul>
IA	Unfamiliar With Country You Have Not Seen	<ul style="list-style-type: none"> <li>~Scout and size up the area.</li> <li>~Identify and assess hazards</li> <li>~Address the 10 orders and 18 situations</li> <li>~Plan for a medical emergency</li> <li>~Brief resources before engaging the fire</li> </ul>
All Divisions BR II	Firing Operations & Devices	<ul style="list-style-type: none"> <li>~ Only personnel trained in the use of each device and in proper ppe will be authorized to use firing equipment.</li> <li>~ Ensure all personnel are aware of firing operation that may affect them.</li> <li>~ Ensure aerial/ground ignition plans in place and briefed.</li> </ul>
All Divisions BR I & II IA	Wildlife & Livestock	<ul style="list-style-type: none"> <li>~ Be alert for wildlife in work areas. ID and advise others if the hazard presents a risk. Do not engage with animals and if needed, leave area.</li> <li>~ Use caution when moving ground fuels, working around burrows, and before you sit on the ground as rattlesnakes or other venomous creatures may be present.</li> <li>~ Maintain a clean work area.</li> </ul>
All Divisions	Communications	<ul style="list-style-type: none"> <li>~ Utilize the ICS 205 / protocol for contacting resources.</li> <li>~ Utilize human repeaters or air attack in dead zones.</li> <li>~ Ensure communications established and maintained before engaging. When communications lost, disengage</li> </ul>
All Divisions BR I & II IA	Steep Terrain & Rolling Debris	<ul style="list-style-type: none"> <li>~ Maintain 8'-10' spacing when working &amp; walking.</li> <li>~ Don't work above any personnel.</li> <li>~ Be on the lookout for rolling rocks, debris, or burning material. Call out falling objects. Post lookouts as needed.</li> <li>~ Evaluate need to send personnel in areas with high risk.</li> </ul>
All Divisions BR I & II IA	Off highway vehicle operations to include utv's.	<ul style="list-style-type: none"> <li>~ Ensure equipment is inspected and safe to use.</li> <li>~ Ensure operator is trained and certified to operate.</li> <li>~ Ensure operator and vehicle have proper PPE and use it and vehicle according to local laws and agency protocol and manufacturer guidelines</li> <li>~ Question if it is mission critical.</li> <li>~ When in doubt, scout it out by foot first.</li> </ul>

## INCIDENT SAFETY ANALYSIS 215a

All Divisions BR I & II IA	Mop-up & Rehab	<ul style="list-style-type: none"> <li>~ Ensure proper PPE utilized.</li> <li>~ Always assume areas are hot until proven otherwise.</li> <li>~ Watch space between equipment and crew members.</li> <li>~ Watch for fatigue. Maintain situational awareness. LCES</li> </ul>
All Divisions BR I & II IA	Severe Weather	<ul style="list-style-type: none"> <li>~ THUNDERSTORMS</li> <li>~ Review and follow Thunderstorm Safety guidelines in IRPG page 21.</li> <li>~ Establish "Trigger Points" to withdraw, and ensure all know rally site.</li> <li>~ Use "Risk Management" process to determine retreat criteria and actions.</li> <li>~ Carry rain gear and extra food and water if weather limits retreat to ICP.</li> </ul>
All Divisions BR I & II IA	Bees	<ul style="list-style-type: none"> <li>~ Canvas crew members for those with known allergic reactions to stings.</li> <li>~ Ensure crew members have medication pens if needed.</li> <li>~ Perform daily self inspection.</li> <li>~ Use repellent as necessary.</li> <li>~ Advanced Life Support, multi-dose epi and airway protection.</li> <li>~ Keep affected area clean and bandaged.</li> <li>~ Be extra careful when eating and/or drinking to avoid stings to mouth and throat.</li> </ul>
All Divisions BR I & II IA	Snakes	<ul style="list-style-type: none"> <li>~ Do not try to handle any snake.</li> <li>~ Realize snakes like tall grass and piles of leaves.</li> <li>~ Avoid climbing on rocks or piles of wood where a snake may be hiding.</li> <li>~ Be aware that snakes tend to be active at night and in warm weather.</li> <li>~ Wear boots and long pants when working outdoors.</li> <li>~ Wear leather gloves when handling brush and debris.</li> </ul> <p>~ Don't pick up snakes.</p>
All Divisions BR II & IA	Indirect Fireline	<ul style="list-style-type: none"> <li>~ Establish and maintain LCES (IRPG pg. 7).</li> <li>~ Review "Strategy/Indirect Attack" (refer to IRPG pg. 83).</li> </ul>
All Divisions BR II IA	Oil & Gas Facilities	<ul style="list-style-type: none"> <li>~ be aware that toxic gases may be present in the proximity of O&amp;G facilities.</li> <li>~ If the fire is within a ½ mile of a known H2S location consider it a hazardous materials response for toxic and harmful gases.</li> <li>~ Do not use any oil &amp; gas "produced" water, or water of unknown origin.</li> <li>~ Do not engage any fire that has involved any O&amp;G facilities. Monitor the fire from a safe location, secure the scene and request appropriate resources.</li> <li>~ Assume all above ground and buried pipelines contain gas or water with hazardous chemicals. Do not drive over exposed pipelines.</li> <li>~ Dozer and heavy equipment operations should only be considered after all involved parties have been consulted.</li> <li>~ Ensure escape routes are always available.</li> <li>~ Do not attempt to shut in wells, turn valves, and move O&amp;G equipment.</li> </ul>

# AIR OPERATIONS SUMMARY (ICS220)

Prepared by: John Mason

Prepared Date: 8/26/2019

Prepared Time: 18:00

<b>1. INCIDENT NAME:</b> Copper Breaks/Vivian	<b>2. OPS PERIOD DATE:</b> 8/27/19	<b>START TIME:</b> 0800	<b>END TIME:</b> 2000	<b>SUNRISE:</b> 0708	<b>SUNSET:</b> 2013
<b>3. REMARKS (Safety Notes &amp; Hazards):</b> -See and Avoid General Aviation and Aerial Hazards -Maintain clear communications; confirm that drop location is clear of ground personnel. -120' Temporary Tower/SOW located on Vivian Branch at: 34 03.927 x -099 54.759 ***Same Location as H-1*** -ATGS and for IA response conduct flight following with TAMFS Dispatch on National Flight Following. (Aviation Line 979-428-5451)  <b>ORDERING/FLIGHT REQUESTS</b> -Request Helicopter water drops through Air Attack -Request Tankers/Retardant through Air Attack -Request Reconnaissance missions through HEBM -If ATGS is not up make requests for water drops through HEBM  <b>E-MAIL AIRCRAFT COSTS DAILY AT END OF SHIFT to:</b> <a href="mailto:john_mason@fws.gov">john_mason@fws.gov</a> , <a href="mailto:icpfinance@tfs.tamu.edu">icpfinance@tfs.tamu.edu</a> , <a href="mailto:eocair@tfs.tamu.edu">eocair@tfs.tamu.edu</a>  HMGBs complete 'Water Source Inventory Form' and submit to: <a href="mailto:eocair@tfs.tamu.edu">eocair@tfs.tamu.edu</a> (Only)  AVIATION CONFERENCE CALL hosted by TFS will be conducted on Monday, Wednesday, and Saturday at 0800 CDT. -Incident personnel to call in are: AOBD or ASGS -Call number: 877-226-9790 Passcode: 8228239#					
<b>4. READY ALERT AIRCRAFT:</b> Call 911 to request medivac aircraft. Utilize VFIRE21.  Quannah Helibase located at Quannah Airport 34 16.636' 99 45.522'					
<b>5. TFR:</b> 9/6654 Surface to 6,500' MSL; See NOTAM for description. Frequency 118.700					

6. PERSONNEL	NAME	PHONE.#	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/Make-Model/ N#/ Base
AOBD	Tom Anderson	770-533-0570	A/A - Fixed Wing/TFR	118.700		AIR ATTACK
ASGS	John Mason	478-951-7319	A/A - Rotor	119.975		
ATGS	Gordon Grosslight	719-431-1389	A/G (VFIRE26) A/G Secondary		154.3025 (156.7) 151.3850 (114.8)	ATGS - Gordon Grosslight / King Air C90 / N249CP
HEBM	Krista Shelton	803-480-3458	A/G Primary (IA)		159.3000 (114.8)	TANKERS and LEAD- As assigned
HMGB (7PJ) HMGB (1KW)	Ryan Witter Matthew Muller	801-556-5607 209-770-0517	Deck Natl. Flight Following Guard		163.100 168.650 (110.9) 168.625 (110.9)	SEATS - as available from TFS

## 9. HELICOPTER

FAA N#	T	MAKE/ MODEL	BASE	START	READY to FLY	REMARKS	FAA N#	T	MAKE/ MODEL	BASE	START	READY to FLY	REMARKS
407PJ	3	Bell 407	Quannah	0800	0830	P, B EU	911KW	2	Bell 212	Quannah	0800	0830	P, B EU

Remarks Box Legend: C=Cargo P=Passengers B=Bucket BP=Bucket Power Fill SN=Snorkel R=Rappel H=Hoist SH=Short Haul ME=Medical Evac/Extraction EU=Exclusive Use CWN=Call-When-Needed

## FINANCE NOTES

**All resources need to check in with finance if you have not previously done so.**

**\*\*\*See Finance: E-6, NC-NCF Type 3 Dozer with S. Thomas and K. Frick\*\*\***

TFS has asked us to compile documentation to support the costs that will be charged to the **Copper Breaks** fire, which includes:

- Receipts for lodging, baggage, airfare, rental vehicles, and fuel for rentals.
- Mileage logs for agency vehicles (i.e., USFS, NPS or other non-TFS fleet)
- Rental agreements

Please have copies available when you come to demob. Receipts can also be submitted via email to: [2019.copperbreaks.finance@firenet.gov](mailto:2019.copperbreaks.finance@firenet.gov). Please include associated request # and name on the receipts. The email address listed in previous IAPs also works.

All resources: **Please** submit shift tickets & CTRs to Finance **daily**, and include the name of the fire you & your equipment worked that day. On the day that you will be coming to **demob**, bring the signed CTRs/shift tickets for your last work day and planned travel. If you are assigned to Copper Breaks and working on Vivian, you can continue to list Copper Breaks as your assigned incident at the top of the CTR – just note in remarks that you worked the Vivian fire that day.

If you are working with COMP on a claim, please ensure that you **print** your name legibly, include contact information (phone number/email), and provide photos to support the package. Documentation should show how the damage is related to the incident operations.

Thank you for all of your continued hard work!

## Why are you still here?

Public Information Officers often hear this question when fire activity has died down. We would like to continue to educate these communities on all of the work that is involved with wildland firefighting.

- Pockets of unburned vegetation that could easily ignite during these days of high heat and low humidity remain around the Vivian Fire.
- Smoldering fuels are hard to detect – crews must remain vigilant to make sure these smoldering areas are dead out.
- Firefighters will remain in the area until we are confident that these communities are no longer threatened.



Copper Breaks and Vivian Fire Facebook Updates:  
<https://www.facebook.com/lssimt/>



Copper Breaks and Vivian Fire Twitter Updates:  
<https://twitter.com/AllHazardsTFS>

Hashtags: #CopperBreaksFire  
#VivianFire



Copper Breaks Fire Incweb Page:  
<https://inciweb.nwcg.gov/incident/6528/>



Vivian Fire Inciweb Page:  
<https://inciweb.nwcg.gov/incident/6536/>

## Copper Breaks, Vivian Phone List

revised 8/26 0930

COMMUNICATIONS UNIT		512-771-4338	940-261-0667		
COMMAND SECTION	POSITION	NAME	CELL PHONE	NAME	CELL PHONE
INCIDENT COMMANDER	ICT1	Mike Dueitt	850-228-0320		
INCIDENT COMMANDER	ICT1	Steven Parrish	850-524-1244		
INCIDENT COMMANDER	ICT1 (t)	Robert Trincado	850-274-3109		
LIAISON OFFICER	LOFR	Paul Stevens	252-216-6316	Jim Cooper	346-213-3849
PUBLIC INFORMATION OFFICER	PIO	Public Phone	940-217-6158		
PUBLIC INFORMATION OFFICER	PIO1	Catherine Hibbard	413-531-4276	Ludie Bond	352-318-3190
SAFETY OFFICER	SOF1	Brad Lidell	812-583-5543	Tommy Hawkins	706-676-7538
<b>OPERATIONS SECTION</b>					
OPERATIONS SECTION CHIEF	OSC1	Mark Jamieson	601-209-2866		
PLANNING OPERATIONS	PLAN OPS	George Custer	352-205-3794		
PLANNING OPERATIONS(t)	OSC2 (t)	Brian Browning	828-200-0102		
FIELD OPERATIONS	OSC1	David Walker	401-536-4047		
OPERATIONS Branch Director	OPBD	Bryce Thomas	850-625-6634		
STRUCTURE PROT. SPEC.	STPS	Craig Robertson	540-353-7124		
DIVISION SUPERVISOR A	DIVS	Shane Sturgill	423-202-6567		
DIVISION SUPERVISOR B	DIVS	Mark Ploski	850 879 0914		
DIVISION SUPERVISOR C	DIVS	Cliff Willis	228-861-2410		
<b>AIR OPERATIONS SECTION</b>					
AIR OPERATIONS DIRECTOR	AOBD	Thomas Anderson	770-533-0570		
AIR TACTICAL GROUP SUPERVISOR	CATGS	Gordon Jay Grosslight	719-431-1389		
AIR SUPPORT GROUP SUPERVISOR	ASGS	John Mason	478-951-7319		
HELIBASE MANAGER	HEMG	Krista Shelton	803-480-3458		
<b>PLANNING SECTION</b>					
PLANNING SECTION CHIEF	PSC1	Terry Pierce	423-596-2694	Marg Olson	573-647-5844
RESOURCE UNIT LEADER	RESL	Barry Farrell	865-266-0972		
STATUS CHECKIN RECORDER	SCKN	Sue Sobieski	231-342-0318		
SITUATION UNIT LEADER	SITL	Terry Bowerman	423-552-3323		
COMPUTER TECHNICAL SPECIALIST	ITSS	Gio Caban	770-539-2559	Joe Ashby	770-527-1328
GIS SPECIALIST	GISS	Andrew Thompson	706-399-6459		
FIRE BEHAVIOR ANALYST	FBAN	Alison Coons	606-260-0526		
FIRE BEHAVIOR ANALYST	FBAN (t)	Greg Titus	404-354-5126		
INCIDENT METEROLOGIST	IMET	Greg Murdouch	432-413-3709		
DEMOBILIZATION UNIT LEADER	DMOB (t)	Donna Thomas	936-488-1231		
<b>LOGISTICS SECTION</b>					
LOGISTICS SECTION CHIEF	LSC1	Johnny Smith	870-867-7254	Richard Barrett	720-440-4744
SUPPLY UNIT LEADER	SPUL	Mark Morgan	678-938-9808		
COMMUNICATIONS UNIT LDR	COML				
ORDERING MANAGER	ORDM	Jack West	850-445-7929		
GROUND SUPPORT	GSUL	Bo Sullivan	601-384-6928		
MEDICAL UNIT LEADER	MEDL	Fred Adler	479-238-6064		
FACILITIES UNIT LEADER	FACL	Chris Revels	864-490-4192		
RECEIVING DIST MGR	RCDM	Lisa Meekins	252-455-3730		
SECURITY MANAGER	SECM	Scott Carrigan	804-691-4787		
<b>FINANCE SECTION</b>					
FINANCE SECTION CHIEF	FSC1	Bonny Johnson	859-556-1572		
TIME UNIT LEADER	TIME	Jean Frick	828-361-5361		
COST UNIT LEADER	COST	Kim Winkler	706-581-0310		
COMP CLAIMS UNIT LDR	COMP	Kim Hayes	270-206-0682		
PROCUREMENT UNIT LEADER	PROC	Gemaa Pelch	601-331-6240		









**Medical Incident Report**

**FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.**

**FOR A MEDICAL EMERGENCY: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE**

**"MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.**

**Use the following items to communicate situation to communications/dispatch.**

**1. CONTACT COMMUNICATIONS / DISPATCH** (Verify correct frequency ) Report to Quannah Communications or 940-261-0667

*Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."*

**2. INCIDENT STATUS:** Provide incident summary (including number of patients) and command structure.

*Ex: "Communications, I have a Red priority patient, unconscious, struck by a falling tree. Requesting air ambulance to Forest Road 1 at (Lat./Long.) This will be the Trout Meadow Medical, IC is TFLD Jones. EMT Smith is providing medical care."*

Severity of Emergency / Transport Priority	<input type="checkbox"/> <b>RED / PRIORITY 1 Life or limb threatening injury or illness. Evacuation need is IMMEDIATE</b> <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i> <input type="checkbox"/> <b>YELLOW / PRIORITY 2 Serious Injury or illness. Evacuation may be DELAYED if necessary.</b> <i>Ex: Significant trauma, unable to walk, 2° – 3° burns not more than 1-3 palm sizes.</i> <input type="checkbox"/> <b>GREEN / PRIORITY 3 Minor Injury or illness. Non-Emergency transport</b> <i>Ex: Sprains, strains, minor heat-related illness.</i>	
Nature of Injury or Illness & Mechanism of Injury		Brief Summary of Injury or Illness <i>(Ex: Unconscious, Struck by Falling Tree)</i>
Transport Request		Air Ambulance / Short Haul/Hoist Ground Ambulance / Other
Patient Location		Descriptive Location & Lat. / Long. (WGS84)
Incident Name		Geographic Name + "Medical" <i>(Ex: Trout Meadow Medical)</i>
On-Scene Incident Commander		Name of on-scene IC of Incident within an Incident <i>(Ex: TFLD Jones)</i>
Patient Care		Name of Care Provider <i>(Ex: EMT Smith)</i>

**3. INITIAL PATIENT ASSESSMENT:** Complete this section for each patient as applicable (start with the most severe patient)

Patient Assessment: See IRPG PAGE 106

Treatment:

**4. TRANSPORT PLAN:**

Evacuation Location (if different): *(Descriptive Location (drop point, intersection, etc.) or Lat. / Long.)* Patient's ETA to Evacuation Location:

Helispot / Extraction Site Size and Hazards:

**5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:**

*Example: Paramedic/EMT, Crews, Immobilization Devices, AED, Oxygen, Trauma Bag, IV/Fluid(s), Splints, Rope rescue, Wheeled litter, HAZMAT, Extrication*

**6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable**

Function	Channel Name/Number	Receive (RX)	Tone/NAC *	Transmit (TX)	Tone/NAC *
COMMAND					
AIR-TO-GRND					
TACTICAL					

**7. CONTINGENCY: Considerations:** If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.

**8. ADDITIONAL INFORMATION:** Updates/Changes, etc.

**REMEMBER:** Confirm ETA's of resources ordered. Act according to your level of training. Be Alert. Keep Calm. Think Clearly. Act Decisively.