

Mustang Corner Fire Incident Action Plan



**Tuesday May, 20th 2008
Everglades National Park**



<p style="text-align: center;">Incident Objectives</p>	<p>1. Incident Name</p> <p style="text-align: center;">MUSTANG CORNER</p>	<p>2. Date Prepared</p> <p style="text-align: center;">05/19/08</p>	<p>3. Time Prepared</p> <p style="text-align: center;">1240</p>
<p>4. Operational Period</p> <p style="text-align: center;">05/20/08 Tuesday Day Shift 0630 - 2000</p>			
<p>5. General Control Objectives for the incident (include alternatives)</p> <ul style="list-style-type: none"> • Provide for fire fighter and public safety. • Limit acreage burned in occupied Cape Sable Seaside Sparrow Habitat. • Confine fire to Everglades National Park Boundaries. • Protect sensitive cultural resource sites. 			
<p>6. Weather Forecast for Period</p>			
<p>7. General Safety Message</p>			
<p>8. Attachments (mark if attached)</p>			
<input checked="" type="checkbox"/> Organization List - ICS 203 <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204 <input checked="" type="checkbox"/> Communications Plan - ICS205 <input checked="" type="checkbox"/> Medical Plan - ICS 206 <input checked="" type="checkbox"/> Air Operations Summary - ICS 220	<input checked="" type="checkbox"/> Incident Map <input checked="" type="checkbox"/> Safety Message <input type="checkbox"/> Traffic Plan <input checked="" type="checkbox"/> Tailgate Briefing <input checked="" type="checkbox"/> Unit Log	<input checked="" type="checkbox"/> Telephone List <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<p>9. Prepared by (Planning Section Chief)</p> <p>Tom Lowry</p>	<p>10. Approved by (Incident Commander)</p> <p>Mike Quesinberry</p>		

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name MUSTANG CORNER		Day	Mike Dueitt/Jim Durrwatcher
2. Date Prepared 05/19/08		3. Time Prepared 1800	Planning Jamie Schwartz/Mark Rosenthal(T)
4. Operational Period 05/20/08 Tuesday Day Shift 0630 - 2000		a. Branch I - Division/Groups	
Position		Branch Director	
Name		Deputy	
5. Incident Commander and Staff		Division/Group A	Greg Sanders
Incident Commander	Mike Quesinberry	Division/Group B	Dave Martin/R Trincado (T)
Deputy	MICHAEL WILKINS	Division/Group Z	Rick O'Daniel
Safety Officer	Glen Stapleton/Brian Biesel	Division/Group IA	Larry Luckett
Information Officer	CJ Norvell/Michelle Finch (T)	Division/Group	
Liaison Officer		b. Branch II - Division/Groups	
6. Agency Representative		Branch Director	
Agency	Name	Deputy	
EVP NPS	Keith Whisenant	Division/Group	
EVP NPS CR READ	Melissa Memory	Division/Group	
EVP NPS NR READ	Hilary Cooley	Division/Group	
FL DOF	David Crane	Division/Group	
EVP NPS	Roger Onstad	Division/Group	
7. Planning Section		c. Branch III - Division/Groups	
Chief	Tom Lowry	Branch Director	
Deputy		Deputy	
Resources Unit	Janan Hay Sharp/Peter Fischer	Division/Group	
Situation Unit	John Andre	Division/Group	
Documentation Unit		Division/Group	
Demobilization Unit	Lisa Miller	Division/Group	
Fire Behavior Analyst	Mark Clere/Jon Wallace (T)	Division/Group	
Human Resource Specialist		d. Air Operations Branch	
Training Specialist		Air Operations Branch Director	Bob Yeager
GIS Specialist	Tammy Hocut	Helibase Manager	Dale Douglas
Computer Specialist	Linda Mallet/Robert Webb	Air Attack Supervisor	George Sheppard
Meteorologist	John Pendergrast/Joel Rothfuss	Air Support Supervisor	Jack Benzilio/Terry Harris (T)
		Helicopter Coordinator	
		Air Tanker Coordinator	
8. Logistics Section		10. Finance Section	
Chief	Johnny Smith	Chief	Donnie Cable
Deputy	Orlando Sutton (T)	Deputy	
Supply Unit	Teddy Messenger	Time Unit	Terri Ott
Facilities Unit	Dave Collins	Procurement Unit	Christy Smith
Ground Support Unit	Bo Newman	Compensation/Claims Unit	Mary Holton
Communications Unit	Larry Garrett	Cost Unit	Susan Deimel/Terri Ott (T)
Medical Unit	Shanna Ellis	Prepared by (Resource Unit Leader)	
Security Unit	Jeff Jauschneg		
Food Unit			

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Division Assignment List		1. Branch		2. Division/Group A			
3. Incident Name MUSTANG CORNER		4. Operational Period 05/20/08 Tuesday Day Shift 0630 - 2000					
5. Operations Personnel							
Operations Chief	MIKE DUEITT/MARK ROSENTHAL(T)			Division/Group Supervisor	GREG SANDERS		
Operations Chief	JAMIE SCHWARTZ			Air Attack Supervisor	GEORGE SHEPPARD		
Branch Director				Safety Officer	DAVID BENAVIDICH		
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader		Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time	
TFLD (T)	PETE IRVINE		1	N	0730	2000	
HC2 - CHOCTAW JCC #8016	MICHAEL JACOWAY		20	N	0730	2000	
HC2 - NC ECA #20 (CHEROKEE)	R. KERBOW/M. RAMOS(T)		21	N	0730	2000	
MARSH MASTER E-9	ANTONHY DIMAGGIO		1	N	0730	2000	
ENG6 - EVP-E605*			3	N	0730	2000	
7. Control Operations MOP UP FIRE EDGE							
8. Special Instructions * Be prepared for IA.							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	171.775	172.775	156.7	King	9		
Tactical Div/Group	154.265	154.265		King	11		
Logistics							
Air to Ground	169.150	169.150		King	6		
Prepared by (Resource Unit Leader) Peter Fischer/Janan Sharp			Approved by (Planning Section Chief) Tom Lowry		Date Prepared 05/19/08	Time Prepared 1900	

Division Assignment List		1. Branch		2. Division/Group B			
3. Incident Name MUSTANG CORNER		4. Operational Period 05/20/08 Tuesday Day Shift 0630 - 2000					
5. Operations Personnel							
Operations Chief	MIKE DUEITT/MARK ROSENTHAL(T)		Division/Group Supervisor	DAVE MARTIN; ROBERT TRINCADO(T)			
Operations Chief	JAMIE SCHWARTZ		Air Attack Supervisor	GEORGE SHEPPARD			
Branch Director			Safety Officer	DAVE BENAITCH			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time		
TFLD	PAT MCWILLIAMS	1	N	0730	2000		
TFLD	ANDREW MANDELL	1	N	0730	2000		
HC1 - AUGUSTA HOTSHOTS	OSCAR MONTIJO	18	N	0730	2000		
HC1 - SACRAMENTO #1	MATTHEW W BARONE	20	N	0730	2000		
HC2 - NC ECA #20 (CHEROKEE)	REESE T. KERBOW	21	N	0730	2000		
MARSH MASTER	ANTONHY DIMAGGIO	1	N	0730	2000		
BOMBARDIER 133	MIKE BECK	2	N	0730	2000		
BOMBARDIER 141	LEWIS PINADA	1	N	0730	2000		
7. Control Operations Burn out as needed. Anchor in the black and work with one foot in the black to wet mop.							
8. Special Instructions							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	171.775	172.775	156.7	King	9		
Tactical Div/Group	154.280	154.280		King	12		
Logistics							
Air to Ground	169.150	169.150		King	6		
Prepared by (Resource Unit Leader) Janan Sharp/Peter Fischer		Approved by (Planning Section Chief) Tom Lowry		Date Prepared 05/19/08		Time Prepared 1900	

INCIDENT RADIO COMMUNICATIONS PLAN	1. Incident Name	2. Date/Time Prepared	3. Operational Period Date/Time
	Mustang Corner Fire	5/17/08 1800 hrs	5/20/2008 0630 to 2000

4. BASIC RADIO CHANNEL UTILIZATION

Radio Type/Cache	Channel	Function	Frequency/Tone	Assignment	Remarks
King NIFC	1	Everglades Simplex	RX 172.525 TX 172.525	Tactical	
King NIFC	2	LPK Repeater (local 1)	RX 172.525 TX 171.625 TX 136.5	Tactical	To be used to contact Everglade complex, also for ICP to contact IA
King NIFC	3	C-1 Repeater	RX 168.700 TX 170.975	Not in use	For future use
King NIFC	4	Flight Following	RX168.650 TX 168.650	Air	To be used for flight following by dispatch
King NIFC	5	Pinecrest Repeater (local 3)	RX 172.525 TX 171.625 TX 146.2	Tactical	To be used if fire travels to the south
King NIFC	6	Air to Ground	RX 169.150 TX 169.150	Air	To be used for Air to Ground only
King NIFC	7	East Ever Repeater (local 2)	RX 172.525 TX 171.625 TX 162.2	Tactical	To be used if fire travels to the east
King NIFC	8	Command Simplex	RX 171.775 TX 171.775	Command	
King NIFC	9	Command Repeater	RX 171.775 TX 172.775 TX 156.7	Command	To contact ICP
King NIFC	10	Command Repeater 2	RX 171.775 TX 172.775 TX 127.3	Command	
King NIFC	11	Red	RX 154.265 TX 154.265	Div A and IA	Division A and IA use on fire line.
King NIFC	12	White	RX 154.280 TX 154.280	Div B	Division B use on fire line.
King NIFC	13	Blue	RX 154.295 TX 154.295	Div Z	Division Z use on fire line.
King NIFC	14	Air Guard	RX 168.625 TX 168.625 TX 110.9	Air	Emergency air traffic only
King	15	Weather	RX 162.550	Weather	
King NIFC	16	Air Guard	RX 168.625 TX 168.625 TX 110.9	Air	Emergency air traffic only

5. Prepared By (Communications Unit)
Larry Garrett (COML)

MEDICAL PLAN	1. Incident Name Mustang Corner	2. Date Prepared 5/19/2008	3. Time Prepared 1400	4. Operational Period 5/20/08 0630-2000	
5. Incident Medical Aid Station					
Medical Aid Stations	Location			Paramedics Yes No	
Medical Unit	Homestead Airport			X	
Mobile EMT Unit (Roving Unit)	Will be located at Chekika Recreation Area/Airport areas			X	
ICP	Holiday Inn (Evenings)			X	
6. Transportation					
A. Ambulance Services					
Name	Address	Phone		Paramedics Yes No	
Miami Dade Fire/Air Rescue	Station 16, NW 2 nd Street, Homestead, FL (Medivac) (1 st Hoist alternative) (Venom Response Team 786-336-6600)	305-596-8571		X	
AMR Ambulance	7255 NW 19 th St, Miami, FL.	305-718-6400		X	
US Coast Guard	14750 NW 44 th Court Opalocka (Duty Officer) (2 nd Hoist alternative)	305-953-2100		X	
B. Incident Ambulances					
Name	Location			Paramedics Yes No	
7. Hospitals					
Name	Address	Travel Time Air Ground	Phone	Helipad Yes No	Burn Center Yes No
Homestead Hospital	975 Baptist Way, Homestead, FL	10 30	786-243-8000	X	X
	N 25°28'50" W 80°25'53"				
Jackson Memorial	1611 NW 12 th Avenue, Miami, FL	20 1 hr	305-585-1111	X	X
	Level 1 Trauma Capability				
	N25°47'31" W80°12'44"				
Baptist Hospital	8900 North Kendall Dr., Miami	20 1hr	786-596-1960	X	X
	N25°40'01" W80°19'59"				
8. Medical Emergency Procedures					
<p>Report all injuries to Division Supervisors. Division Supervisors will notify line Safety Officer of the type of injury/illness and exact location. Line Safety Officer will contact the Incident Safety Officer and Medical Unit Leader to provide information or advice of further care. Do not use the injured person's name on the radio. Communications network will be clear of all traffic until the medical emergency is finished. If an air medical helicopter is used, Division Supervisor will notify the Air Operations Director.</p> <p>MEDL will work with Division Supervisors and Safety on area parameters for mobile unit(s).</p> <p>MEDL Shanna Ellis Cell 318-229-6515 or Holiday Inn Room 203. (Day or night)</p> <p>Air resources will be coordinated by MEDL/Safety/Air Ops. (S58T Type II Helicopter, Tail #129NH has been identified as medivac capable air transport if needed).</p>					
Prepared by: /s/ /s/ Shanna F. Ellis/MEDL			10. Reviewed by Safety Officer: /s/ Brian Beisel/SOF1		

AIR OPERATIONS SUMMARY

PREPARED BY: Bob Yeager

PREPARED DATE/TIME: 5/19/08/ 1800

1. INCIDENT NAME: Mustang Corner	2. OPERATIONAL PERIOD DATE: 5/20/08 START TIME: 0800 END TIME: 2000 SUNRISE: 0635 SUNSET: 2002
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3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): : “ REMEMBER SAFETY IS OUR MOST IMPORTANT MISSION” : WATCH FOR NEWS AIRCRAFT, WE’RE THE BIGGEST SHOW AROUND. : “ SEE TFR MAP FOR BOUNDARIES”	4. MEDEVAC A/C: 129 NH	5. TFR: Radius: _____ NM Altitude: _____ = MSL Centerpoint:
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6. PERSONNEL	Phone	7. FREQUENCIES	AM	FM	8. FIXED-WING	# Avail / Type/ Make-Model / FAA N# / Base(s)
AOBD: Bob Yeager	318-613-3683	AIR/AIR FW:	118.250		Airtankers	T-491FF (AT 802) T-194BM (AT 802)
ATGS: George Sheppard	239-398-9772	AIR/AIR RW:			Leadplanes	
HLCO:		AIR/GROUND:		169.150	Base FAX #:	
Jack Benzilio ASGS: Terry Harris (T)	970-799-1232 936-366-4239	COMMAND:			ATGS Aircraft	Cessna
Dale Douglas HEBM: Gary Carnell (T)	541-969-8768 305-242-1316	COMMAND RPT	Rx:	Tx:	Other	
ATB MGR: Steve Newland	305-972-3632	DECK FREQ:		163.100		
		TOLC FREQ:		168.350		

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
900HH	3	Bell 206B				Rick Jacobs 334-428-3042	72D	1	B V107				
914HH	3	Bell 206B				Ken Rodriguez 786-738-3510	HT 764	1	S61				
21HX	3	Bell 407				Pam Balazer 661-289-0029							
129NH	2	S58T				John Stebner							
827MW	2	S58T				Doug DeMoss 406-360-0481							
612AZ	1	S61				Jared Blasingame							
03E	1	S61				Michelle Moore 208-871-5362							

10. TASK/MISSION/ASSIGNMENT (Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, S&R, etc.)				
TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applic) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
T-1 / 03E (S61)	Water Drops			
T-1 / 612AZ (S61)	Water Drops			
T-1 / HT764 (S61)	Water Drops			
T-1 / 72D (BV-107)	Water Drops			
T-2 / 827MW	Crew Shuttle, Cargo, Water Drops			
T-2 / 129NH	Crew Shuttle, Cargo, Water Drops, Med-Evac.			
T-3 / 21HX	Recon, Cargo, Water Drops			
T-3 / 914HH	Recon, Cargo, Water Drops			
T-3 / 900HH	Recon, Cargo, Water Drops			

LCES Analysis of Tactical Actions

Incident Name: Mustang Corner					Date and Time Prepared: May 19,2008 1600 Hrs.					Operational Period: Day Shift, May 20, 2008									
TACTICAL HAZARDS					A	B	C	D						LCES MITIGATION					
Indirect Fireline					x	x	x	x						Insure that lookouts have a view of line constructing and the fire. Establish LCES.					
Downhill Fireline														Follow downhill line standards. Bring fire with you. Insure lookout can see entire area. Identify safety zones and escape routes before starting work. Use page 8 of Incident Response Pocket Guide. Establish LCES.					
Underslung Fireline														Cup trench. Post lookout that can see all areas of under slung line. Establish LCES.					
Mid-Slope Fireline														Insure that lookouts can see ALL area of mid slope line as well as areas upslope of mid slope line. Establish LCES.					
Frontal Assault														Identify thresholds for reassessment. Establish LCES.					
No Anchor Points														Find/construct safe, effective anchor before engaging. Establish LCES.					
Extreme Conditions (Spotting, Wind)					x	x	x	x						High potential given because of low live fuel moisture and high probability of ignition. Anticipate. Identify thresholds for reassessment, monitor weather. Establish and maintain LCES.					
Environmental Concerns														Do not work down slope below heavy equipment. Establish communications with operator. Post lookout for rolling debris. Be aware of loose soil and rock. Establish LCES.					
Air Operations Multi Aircraft					x	x	x	x						Insure that all personnel are at least 500 feet from bucket or retardant drops. Utilize air attack. Establish LCES.					
Snags														Assess, Identify, Communicate, Isolate. Establish LCES.					
Hazardous Materials														Utilize page 24 of the Incident Response Pocket Guide. Establish LCES.					
Unburned Area Reburn Potential														High potential for re-burn in brush and conifers preheated by earlier burn. Establish LCES.					
Driving					x	x	x	x						Drive defensively with headlights on, seatbelts fastened. Stay to the right side of the road. Drive slowly and watch out for the other person. Establish LCES.					
Communication														DO NOT engage unless effective communications exist. Use human repeaters. Only use assigned frequencies. LCES, check by 1000 with Day Operations, 2200 with Night Operations. Establish LCES.					
Steep Terrain Rolling Rock														Watch footing. Establish LCES.					
Heavy Equip. Bombardier					x	x	x	x						Equipment Operator must see before approaching equipment. Maintain appropriate distance away from equipment.					
Structures														Follow page 12 and 13 of Incident Pocket Response Guide. Establish LCES.					
Transfer of Command														Make sure you understand your assignment. Know who your supervisor is and who is working for you.					
Dehydration/Heat					x	x	x	x						Drink at least one pint of H2O every two hours. Use sunblock. Take sufficient breaks. Maintain electrolytes. Avoid excess caffeine.					
Wild Animals					x	x	x	x						Remain aware of poisonous snakes, bears, panthers, alligators, crocidiles and other critters. Watch where you step and look before you reach.					
Pinnacle Rock					x	x	x	x						Watch your footing. Sharp rock can cause serious cuts and abrasions. Take your time.					
Poison Wood and Poison Ivy					x	x	x	x						Remain aware of these plants. Wear gloves. Wash immediately if thought to have come in contact. Avoid hammocks. Inhalation of poisonwood smoke is extremely hazardous.					
Flashy Fuels					x	x	x	x						Keep one foot in the black at all times. Carry a fusee on the line to create safety zone if situation arises.					
Hazard Trees						x								Identify hazard trees and mitigate by chainsaw felling or staying away by 2 1/2 tree lengths.					
Operations Section Chief: /s/ Mike Dueitt					Date / Time: 1600 Hrs 05-19-08					Safety Officer: <small>Version 09/2003</small> Glen Stapleton/Brian Beisel					Date / Time: 1600 Hrs. 05-19-08				

Name	Position	Phone	Name	Position	Phone
ICP Holiday Inn Express Fla. City			ICP FAX		
COMMAND			OPERATIONS		
Quesinberry, Michael	ICT1	540-230-1262	Holiday Inn Room #	339	305-247-3414
Wilkins, Mike	DPIC	828-421-5026	Dueitt, Mike	OSC1	601-497-0608
Stapleton, Glen	SOF1	540-529-3647	Schwartz, Jamie	OSC1	404-354-7320
Beisel, Brian	SOF1(T)	270-348-1066	O'Daniel, Rick	DIVS	918-541-8790
Norvell, CJ	PIO1	404-354-5780	Luckett, Larry M.	DIVS	770-718-7064
Barrow, Nina	PIO3	404-354-5878	Martin, Dave	DIVS	423-584-2808
Finch, Michelle	PIO1(T)	404-354-6100	Sanders, Greg	DIVS	540-529-3376
			Irvine, Pete	TFLD	304-676-1064
PLANNING			AIR OPERATIONS		
Holiday Inn Room #	335/337	305-247-3414			
Lowry, Tom	PSC1	918-429-4258	Yeager, Robert (Bob)	AOBD	318-613-3683
Fischer, Peter	PSC1(T)	304-642-1801	Harris, Terry	ASGS	936-366-4239
Sharp, Janan	RESL	423-261-4177	Sheppard, George	ATGS	239-398-9772
Mallet, Linda	CTSP				
Clere, Mark	FBAN	352-895-9675			
Wallace, Jon	DIVS	561-329-2685			
Webb, Robert	CTSP				
Andre, John	SITL	479-264-7992			
Hocut, Tammy	GISS	870-365-2810			
Miller, Lisa	DMOB	404-354-6005			
Pendergrast, John	IMET	240-499-6649			
Cooley, Hilary	READ	305-297-0338			
FINANCE			LOGISTICS		
Holiday Inn Room #	341	305-247-3414	Holiday Inn Room #	321	305-247-3414
Cable, Donnie	FSC1		Communications		404-354-5942
Deimel, Susan	COST	501-337-3598	Smith, Johnny	LSC1	479-883-9539
Smith, Christy G.	PROC	423-596-0829	Sutton, Orlando	LSC1(T)	843-412-3571
Holton, Mary	COMP		Messenger, Teddy	SPUL	
Ott, Theresa	TIME	803-240-5025	Rhodes, Sandy	ORDM	404-354-6521
			Harris, Phyllis	ORDM(T)	
			Newman, Bo	GSUL	662-633-0556
			Ellis, Shanna	MEDL	318-229-6515
			Collins Dave	FACL	404-354-5799
			Garrett, Larry	COML	
			Jauschneg, Jeff	SECM	352-350-3699
			Dybing, Peter	SPUL	404-354-6287
			Tao, Natali	EMTP	305-508-8690
			Walden, Debbie	EMTP	423-310-2051
			Walden, Jerry	EMTP	423-310-2049
EVERGLADES FIRE DISPATCH		305-242-7850			
FAX		305-242-7855			
EVERGLADES FIRE DISPATCH					
24 HOURS		305-242-7740	Miami Dade Fire/Police	Dispatch	305-595-1201
FAX		305-242-7729	Florida Highway Patrol		305-470-2510
Dan Kimball		305-242-7712			or 305-596-8448
Park Superintendent			Miami Dade Fire Dept		305-596-8575
Keith Whisenant		305-242-7713	Miccosukee Fire Dept		305-223-8380
Dep. Park Superintendent			Florida DOF		954-347-8071
Rick Anderson	Landline	305-242-7853	DOF Everglades Dist		954-475-4120
FMO	cell	305-546-9358			or 954-475-4126
Tom Ledbetter	Landline	305-242-7846	National Weather Service		305-229-4523
Wildfire Suppression	cell	305-972-4909	South Florida Water Mgt		305-377-7274
Roger Onstad	Landline	305-242-7851	Big Cypress NP		239-695-9280
Rx Fire Specialist	cell	305-546-9357	Biscayne NP		305-230-1144
Matt Ott	Landline	305-254-2839	East Everglades Fire Station		305-251-7064
East Everglades	cell	305-972-1683			or 305-251-0614
Station Manager			East Everglades Rangers		305-251-6594
					or 305-251-0614

WEATHER FORECAST (Issued 5/19/08 1700)

Forecast #4 5/20/2008 DAY

Mustang Corner Everglades National Park

John Pendergrast/Joel Rothfuss (T)- Incident Meteorologist

WEATHER DISCUSSION : A surface trough near Lake Okeechobee will remain stationary today. Gusty southwest winds can be expected by mid day with scattered thunderstorms in the afternoon. Moisture levels have increased and will remain high into the latter part of the week.

The main concerns are:

1. Gusty southwest afternoon winds. A few lightning strikes possible.
2. Dense smoke and fog during the morning hours through 10 am Tuesday morning.

WEATHER FORECAST DAY (Night): ...Hot and breezy 30 % chance of thunderstorms...**GENERAL:** Partly cloudy. Continued hot. Areas of dense morning smoke and haze.

Chance of mainly afternoon showers and thunderstorms. (Partly Cloudy. Isolated evening showers. Areas of smoke, locally dense after midnight.)

TEMPERATURES: 90-92 (67-70) **HUMIDITY:** Minimum humidity 44-48% (Maximum 97-100%)

24 HOUR TREND: Same 24 HOUR TREND: Same

20 FT WINDS: Southwest 2 to 4 mph early becoming Southwest 11 to 14 mph with gusts to 21 mph in the afternoon. (Southwest 2 to 4 mph)**STABILITY/INVERSION:** Inversion around 500 ft dissipating by 1000. Mixing heights around 5000 ft. Dispersion index 77. Haines Index 5. (Inversion around 600 ft beginning to develop after 2300. Dispersion index 3.)**OUTLOOK FOR WEDNESDAY**

Partly cloudy. Slight chance of showers. High temperatures 90-92. Minimum RH values around 43 to 48 percent. Southwest winds 9 to 13 mph with gusts to 20 mph by early afternoon. Chance of rain 20 percent.

EXTENDED FORECAST:**THURSDAY** Mostly clear in the morning then becoming partly cloudy. Slight chance of showers. Highs in the mid 90s. Southwest winds 5 mph becoming southeast 10 mph afternoon.**Friday** Mostly clear in the morning then becoming partly cloudy. Highs in the lower 90s. Northeast winds 5 mph becoming southeast 10 mph afternoon.**SATURDAY** Partly cloudy. Slight chance of showers and thunderstorms. Highs in the upper 80s. Winds northeast 5 to 10 mph.**SUNDAY** Partly cloudy. Highs in the upper 80s. Winds northeast 10 to 15 mph. **FIRE BEHAVIOR** (Issued 5/19/08 1900)

Mark Clere/Jon Wallace (T)- FBAN

Mustang Corner Everglades National Park

Forecast #4 5/20/2008 DAY

General: Fire will continue to behave in much the same way as it has for the previous two burning periods.

Fire in the grasses will continue to provide high to extreme rates of spread (50-130 chains per hour) with flame lengths at the head near 20'

Specific:**Division A:** Expect minimal fire behavior along the east flank; along the north side of this division, near the A-B break, expect rapid fire spread in grass and Melaleuca, when fire enters Melaleuca stands expect flames to torch through crowns and in dense Melaleuca stands short crown runs may occur. Expect spotting from Melaleuca of up to .2 miles with forecasted winds.**Division B:** Fire at the eastern portion of the division near the A-B break will continue to spread actively to the East-North East as it is pushed by the prevailing winds. When fire enters Melaleuca stands expect flames to torch through crowns and in dense Melaleuca stands short crown runs may occur. Expect spotting from Melaleuca of up to .2 miles with forecasted winds.

Fire in hammocks will continue to smolder in the mornings and begin to burn actively by 1200. Expect fire to move out of hammocks and into grasses.

Division Z: Fire will continue to smolder in hammocks and could move out of the hammocks and begin to back and flank southward in grass fuels.**Spread Rates/Spotting/Flame lengths:** **Grasses:** Rates of spread: Heads (50-130 ch) Flanks (9-15) and Backing (4).Flame lengths: Heads (10-20') Flanks (4-6') and Backing (<4'). **Hammocks:** these will burn slowly with low flame lengths pre-treating upper branches, which can then torch out with flame lengths of 5-10' above the brush. Spotting up to 0.2 of a mile is possible. POI: 45% AM, 60% PM**Air operations:** Inversion will be in place until around 0930-1000 hours. Smoke trapped under inversion will hamper air operations. Dip-sites along the eastern flank of the fire may be smoked in at times from increased fire activity.

FIRE BEHAVIOR - CONTINUED (Issued 5/19/08 1900)

Mark Clere/Jon Wallace (T) - FBAN

Mustang Corner Everglades National Park

Forecast #4 5/20/2008 DAY

Safety: Keep your Situational Awareness high. Be cognizant of wind switches in direction and speed. Keep one foot in the black!!

When fires burn into Melaleuca stands be prepared for increased intensity and spotting. When the main fire in-drafts affect spot fires they will move quickly back toward the main fire.

When Melaleuca fuels burn expect extreme smoke production, which could cause skin, eye, and nasal irritation for some firefighters.

Pocket Card Thresholds: Temperature: >85 degrees, RH < 40%, 20' winds >12 mph, KBDI > 650, Dispersion Index > 70

SAFETY MESSAGE

Glen Stapleton, Brian Beisel, Dave Benavich, Mickey Bunton Safety Officers

Mustang Corner Everglades National Park

Major Hazards and Risks:

*Hot weather conditions

*Aircraft hazards

*Driving

*Hazard trees

Narrative:

Florida is experiencing record high temperatures for this time of year so, Hydrate...Hydrate...Hydrate. Drink adequate fluids on the line and off shift to replenish your self.

Winds will be a little stronger today and working in fine fuels can create a threatening situation quickly. Everyone should have at least one fusee in their pack to create a safety zone should the situation arise. Keep one foot in the black at all times.

The fire has burned into herbicide treated Melaleuca which has now been deadened. Expect some of these deadened trees to burn off at the base and fall.

Remain aware of all the hazards associated with working around aircraft. Yesterday, the downwash from a helo taking off blew a 20 inch piece of aluminum strip from the airport deck and almost hit one of our EMT's.

The rural area we are driving through is heavily used by bicyclists. Most roads don't have any shoulders so share the road and be cautious around this activity.

Be aware of the traffic associated with the nursery and agricultural business around the airport. Slow moving vehicles such as tractors and carts pulling trailers loaded with plants. Some of these vehicles are pulling up to a dozen little trailers moving at very slow speeds.

On this incident there is the potential to encounter several different poisonous insects and reptiles. Common venomous snakes found in this area are the water moccasin, the pygmy rattler, Eastern diamondback, and the copperhead. Some rare sightings have been made of a few species of exotics.

If you are bitten?

- Follow the procedure identified in the medical plan for getting assistance.
- Get into a position of comfort.
- Remain still and calm.
- If possible, lower the affected extremity,

DO NOT ELEVATE

- Remain still until help arrives.

