

Parcel: Osprey/GoKart Unit/horseshoe and scrub units

FLFWC-Hilochee WMA

93754

Burn Manager: Steve A. Burger # 1305767

12932 County Road 474, Clermont, FL 34714

352-250-2943 fax 352-242-4478

Certified Burn Number: 19901163

Burn Authorization Number: 2931

Proscription Prepared By: Steve Burger

Date Prepared: 11/27/2007

Burn Authorization - DOF 863-644-3160; FAS 863-701-1461; Ed Gilmore 863-701-1462; Polk County Fire/Rescue 863-534-0360

Polk S.O. 863-533-0344; FHP 813-631-4020; Polk Correctional 863-984-2273.

County: Polk

Nearest Crossroad I-4 to the South, and Old Grade Road to the W

Community Type(s):

Mesic, scrubby flatwoods, and scrub.

Burn Unit 124, 125 Acres 50 Sec. 29 T. 26s R. 26e

Burn Unit Acres Sec. 29,32 T. 26s R. 26e

Burn Unit Acres Sec. 29,30 T. 26s R. 26e

Purpose of Burn Wildlife Habitate enhancement, fuel reduction by 70%.

Site Prep: 12' mineral disk lines around perimeters of burn blocks within burn units.

Boundary Disc: Woods roads, swamp edge, property boundaries, and adjacent burn units.

Understory Palmetto, galberry, grassey fuels Reduce by 80%

Midstory Waxmyrtle, scrub Reduce by 75%

Overstory Pines, scrub and larger oaks

Previously... Burned Chopped Shredded Cut Other Date Wildfire 2001

Intensity Desired: Low - Moderate - Intense - Mixed:

Burn Technique(s) - Backing Flanking Spot Strip Head Ring Aerial Other

Personnel 6 500 gal Brush 220 gal. Truck Tractor & Disc ATV's 3 150 gal Truck

Drip Torches Hand Tools: Shovels (3), Fire Rakes (3), Fire Flaps (3), Axes (2).

Other Equipment 1000 Gallon Water Tender W/High Pressure Pump.

Passed smoke screening: Yes No

Smoke Sensitive Areas: Interstate 4 to the South, and Old Grade Road to the West.

Potential Problem Areas: Highways, dry swamps, and adjacent unburned blocks.

Safety Zone(s): Mineral fire lines, and black areas.

Last Rain & Amount

KBDI = 650 - 599

Additional / Special Considerations:

BURN DATE: 2-8-08

Burn Start Time: ~~10:45~~ 10:15 Burn Complete Time: \_\_\_\_\_

Observer HT  
 1000 HT 1100 \_\_\_\_\_ 1200 \_\_\_\_\_ 1300 \_\_\_\_\_ 1400 \_\_\_\_\_

Factors	Preferred	1000	1100	1200	1300	1400
Wind Direction	NNE, E, SE, S, SW	SSE			SSE	
Wind Speed (surface)	5-15 mph	8.7			3-5 67	
Transport Winds	> 9 mph					
Mixing Height	≥ 1700 ft					
Dispersion Index	Day 24-70 Night ≥ 6					
Maximum Temp.	95 F	76.9			79°	
Minimum R. Humidity	≥ 30%	63			29%	
Maximum KBDI	< 600					
Fine Fuel Moisture	> 7%	13				10
<del>Rate of Spread</del> Rate of Spread (ch/hr)	16 - 60	3.2				40.3
Flame Length	3 - 15	5.7				6.5

AS  
 1000 19  
 1400 30

KRISTEN GUERRA  
 1728

BURN CREW: AS - STEVE BURGER, LANCE LUSAN, PAT DUBOISE, KRIS RYAN,  
VICTOR BRADY, HENRY DUKE

DATE PREPARED: 11-27-07 BY Steve A. Burger

Burn Manager Signature: Steve Burger Date: 2-8-08

[Handwritten signature/initials]

{AVN: [12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 54, 57, 60, 63, 66, 69, 72], 'ETA': [6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 54, 57, 60, 63, 66]} Content-type: text/html

## Florida Division of Forestry - Spot Forecast

Forecast ID: 1199787950

Date Issued: Tue Jan 08, 2008 at 05:25

Name: Steve Burger

Company: FL Fish and Wildlife  
Conservation Commission

Location: 28.11 / -81.43

Observation	Time	Temp	Humidity	Wind Speed	Direction
User	6	60	99	2	ESE

### Warnings

Forecast	Time	Temp	Humidity	Wind Speed	Direction	Cloud Cover	Precip
	5:00	62-65	85-90%	3-6	NE	SC	
	6:00	62-65	85-90%	3-6	E	SC	
	7:00	62-65	85-90%	2-5	SE	SC	
	8:00	65-68	78-83%	4-7	SE	SC	
	9:00	69-72	72-77%	5-8	ESE	SC	
	10:00	72-75	66-71%	7-10	ESE	FW	
	11:00	72-75	64-69%	7-10	E	FW	
	12:00	73-76	62-67%	8-11	E	FW	
	13:00	74-77	60-65%	9-12	E	FW	
	14:00	73-76	60-65%	8-11	E	FW	
	15:00	73-76	61-66%	8-11	E	FW	
	16:00	73-76	62-67%	8-11	E	CL	

Extended	Time	Tue 17:00 to Wed 17:00	Wed 17:00 to Thu 17:00
	Clouds	FW	CL
	Temp	min 59/ max 74	min 59/ max 74
	RH	min 66/ max 93	min 70/ max 99
	Winds	SE at 4-7 mph	SSE at 6-9 mph
	Precip		

1/8/2008 5:40 /

FLZ050>052-055>057-060-061-082030-  
 PINELLAS-HILLSBOROUGH-POLK-MANATEE-HARDEE-HIGHLANDS-SARASOTA-  
 DE SOTO-  
 409 AM EST TUE JAN 8 2008

	TODAY	TONIGHT	WED
CLOUD COVER	PCLDY	MCLEAR	PCLDY
CHANCE PRECIP (%)	0	0	0
WEATHER TYPE	NONE	NONE	NONE
TEMP	82	58	50
RH %	44	100	44
20FT WIND MPH (AM)	E 6		SE 4
20FT WIND MPH (PM)	SE 8	SE 4	W 5
PRECIP DURATION			
PRECIP BEGIN			
PRECIP END			
PRECIP AMOUNT	NONE	NONE	NONE
LAL	1	1	1
MIXING HGT (FT-AGL)	5000	300	5000
TRANSPORT WIND (MPH)	SE 12	SE 5	NE 5
DISPERSION INDEX	63	2	26
MAX LVORI		10	

REMARKS...LIGHT SURFACE AND TRANSPORT WINDS WILL LEAD TO FAIR  
 DISPERSION INDICES ON WEDNESDAY.

.FORECAST FOR DAYS 3 THROUGH 5...

.THURSDAY...MOSTLY CLOUDY. LOWS IN THE UPPER 50S. HIGHS AROUND 80.  
 SOUTHEAST WINDS 5 TO 10 MPH.

.FRIDAY...PARTLY CLOUDY. A 20 PERCENT CHANCE OF SHOWERS. LOWS IN  
 THE UPPER 50S. HIGHS IN THE UPPER 70S. SOUTHWEST WINDS AROUND  
 10 MPH.

.SATURDAY...MOSTLY CLOUDY. A 30 PERCENT CHANCE OF SHOWERS. LOWS  
 IN THE UPPER 50S. HIGHS IN THE UPPER 70S. SOUTH WINDS AROUND  
 5 MPH.

## Misc

### Notes

All wind speeds are referenced to a height of 20 ft and the units are miles per hour. Cloud cover is expressed as CL - clear, SC - scattered (less than half sky), BK - broken (more than half sky) and OV - overcast (total sky cover).

### Disclaimer

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Lt Green - Cont Tract DK. Green-house



