	PRESCRIE	BED BURN PRES	CRIPTION			
Natur	al Areas Teach	ing Laboratory - E	ntomology, UF	/IFAS		
Compartment / Unit(s):	Upland Pine A	rea - Walker Mem	orial - Restricte	d Area		
Burn Manager: Gage Daniel J I	_aPierre	C	ertification #:	20195049		
Cell #: 352-362-4846		C	ustomer ID #:	1410003		
Landowner: UF/IFAS - Natu	ral Areas Teac	hing Laboratory				
Address: Natural Area Di	, Gainesville, F	L 32611		Phone:	(352) 273-3901	
Site						
State District (Phone):	Wacasassa (3					
County: Alachua		Section / Town			E	
Acres: ~ 0.60			Last Burned:	01/18/2018		
Boundary Lines: Description and distance(atta	ich aerial photo	o indicating unit bo	undaries)			
Unit - Pavilion Slope						
N - Mowed and Raked Fireline 215 ft						
W - Mowed and Raked Fireline 186 ft						
S- Mowed and Raked Fireline 177 ft						
E - Mowed and Raked Fireline 190 ft						
Overstory Meture Lablely	Dino ~25 75 T	ΈΔ				
Overstory: Mature Loblolly	Fille ~20-75	FA				
Understory: One-Year Roug	h Light Fuele	Scattered Grasse	6			
Understory. One-real Roug	jn, Light Fuels,	Scallered Grasse	5			
Tons Fuel per Acre (To	otal/Available)	•				
General Purpose of Burn:			n			
Specific Burn Objectives:			-	70% understor	v combustion	
			Story tarining, -		ycombustion	
Smoke Sensitive Areas (attach aerial photo in	dicating burn u	nit and sensitive a	reas designater	4)		
Veterans Administration Medica	-					
UF Health Medical Lab – Medic						
SW 34th Street						
SW Archer Road						
Special Concerns						
•						
Planned Weather						
	Preferred			Forecasted		
In Stand Winds (1-5mph)	NE 5mph			NE 6mph		
Transport Wind (9-20mph)				NE 17mph		
Mixing Height (1,700-6,500')				2700'		
Daylight Dispersion (>21)	>21			71		
Night Dispersion				>3		
Temperature	<100F			83F		
Rel Humidity (30-55%)	>30%			25%		
Fine Fuel Moisture (10-20%)	10-20%			>10%		
Planned Ignition Methodology						
Season/Timing:	Fall - Dormant	Season				
Technique(s):	Backing Fire, I	Heading Fire, Flan	king Fire, Ring	Fire		
Desired Flame Length/Intensity:	<10', low-mode	10', low-moderate intensity				
Minimum Equipment and Staff:	4 staff with handtools, rtv with water tank, and tractor on standby					

		At Ignition			At Cessation	
	In Stand Winds (1-3mph)					
	Transport Wind (9-20mph)					
	Mixing Height (1,700-6,500')					
	Daylight Dispersion (>21)					
	Night Dispersion					
	Temperature					
	Rel Humidity (30-55%)					
	Fine Fuel Moisture (10-20%)					
ro Burn Cho	cklist (initial each completed)					
re-burn chet						
	all prescription requisites met					
	authorization obtained	(   <b>6</b>		1	L- )	
	necessary local contacts made		irtment, adjacent	landowners, e	(C.)	
	burn warning signage posted at					
	all equipment and staff on site a					
	all staff properly equiped (minin	num PPE at dis	cretion of burn n	nanager)		
rew Briefing	(initial each completed)					
	burn objectives					
	burn boundaries					
	hazards discussed (containmer	nt issues, terrai	n features, etc.)			
	assignments made					
	ignition methodology discussed	, contingency p	olan discussed			
	equipment location noted (fuel,	water, tools, ve	ehicles, vehicle k	eys, etc.)		
	authority confirmed and commu	inications discu	issed			
	emergency procedures discuss			tion distributed	, etc.)	
	questions requested	,			,	
	staff given opportunity to declin	e participation				
	Burn Manager Signature:					
	Permit Number / Date:					
	Permit Conditions (if any):					
ctual lanition	n Methodology					
ctual ignition						
	Date:					
	Technique(s):					
	Flame Length/Intensity:					
	Equipment and Staff:					
	EF (TIMING, PROBLEMS, FOLL					

POST-BURN MONITORING			
Following Day (Date):			
Overnight RH%:			
Overnight Wind Speed/Direction:			
Rainfall (inches):			
Smoke Drift Direction/Distance:			
Visible Flame?:			
Crown Tanning %:			
Crown Scortch %:			
Burn Coverage %:			
Estimated Duff Removal (inches):			
Following Month (Date):			
Rainfall (inches):			
Crown Cast %:			
Overstory Mortality %:			
Understory Mortality %:			
Following Year (Date):			
Rainfall (inches):			
<b>Overstory Mortality %:</b>			
Understory Mortality %:			
POST-BURN ANALYSIS			
Objectives Met?			
Suggestions for Improvement?			

.FRIDAY...Partly cloudy. Lows in the mid 50s. Highs in the mid 70s. Minimum RH 64 percent. Northeast winds 5 to 10 mph. .SATURDAY THROUGH SUNDAY...Mostly clear. Lows around 60. Highs around 80. Minimum RH 61 percent. East winds 5 to 10 mph. .MONDAY...Mostly clear. Lows in the lower 60s. Highs around 80. Minimum RH 60 percent. North winds around 5 mph.

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FLZ136-170915-Eastern Alachua-106 PM EST Mon Nov 16 2020

	Tonight	Tue	Tue Night	Wed
CLOUD COVER	Clear	Clear	Clear	Clear
CHANCE PRECIP (%)	0	0	0	0
WEATHER TYPE	None	None	None	None
TEMP (24H TREND)	45 (-19)	71 (-6)	45	67
RH % (24H TREND)	79 (-21)	25 (-21)	75	47
20FT WND MPH (AM)		N 6		NE 8 G16
20FT WND MPH (PM)	N 3	N 6	N 4	NE 9 G16
PRECIP DURATION				
PRECIP BEGIN				
PRECIP END				
PRECIP AMOUNT	0.00	0.00	0.00	0.00
LAL	1	1	1	1
MIXING HEIGHT(FT-AGL)	400	2700	400	4300
TRANSPORT WND (MPH)	N 14	N 17	N 12	NE 20
DISPERSION INDEX	6	50	4	72
MAX LVORI	4		3	
STABILITY CLASS	6	3	6	4

.FORECAST FOR DAYS 3 THROUGH 7...

.THURSDAY...Mostly clear. Lows in the lower 50s. Highs in the lower 70s. Minimum RH 63 percent. East winds 5 to 10 mph. .FRIDAY...Partly cloudy. Lows in the mid 50s. Highs in the mid 70s. Minimum RH 66 percent. Northeast winds 5 to 10 mph. .SATURDAY...Partly cloudy. Lows around 60. Highs in the upper 70s. Minimum RH 63 percent. Northeast winds 5 to 10 mph. .SUNDAY THROUGH MONDAY...Mostly clear. Lows in the lower 60s. Highs around 80. Minimum RH 62 percent. North winds around 5 mph.

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FLZ340-170915-Western Marion-106 PM EST Mon Nov 16 2020

	Tonight	Tue	Tue Night	Wed
CLOUD COVER	Mclear	Clear	Clear	Clear
CHANCE PRECIP (%)	0	0	0	0
WEATHER TYPE	None	None	None	None
TEMP (24H TREND)	47 (-21)	72 (-7)	47	70
RH % (24H TREND)	86 (-14)	28 (-28)	78	50
20FT WND MPH (AM)		N 7		NE 7 G16
20FT WND MPH (PM)	N 3	N 6	N 3	NE 10 G18
PRECIP DURATION				
PRECIP BEGIN				
PRECIP END				
PRECIP AMOUNT	0.00	0.00	0.00	0.00
LAL	1	1	1	1
MIXING HEIGHT(FT-AGL)	400	2400	300	4400
TRANSPORT WND (MPH)	N 14	N 18	N 12	NE 21
DISPERSION INDEX	6	51	4	78
MAX LVORI	6		3	
STABILITY CLASS	6	3	6	4

.FORECAST FOR DAYS 3 THROUGH 7...

.THURSDAY...Mostly clear. Lows in the lower 50s. Highs in the lower 70s. Minimum RH 63 percent. East winds 5 to 10 mph. .FRIDAY...Partly cloudy. Lows in the upper 50s. Highs in the mid 70s. Minimum RH 64 percent. Northeast winds 5 to 10 mph. .SATURDAY THROUGH SUNDAY...Mostly clear. Lows in the lower 60s. Highs around 80. Minimum RH 63 percent. East winds 5 to 10 mph. .MONDAY...Mostly clear. Lows in the lower 60s. Highs in the lower 80s. Minimum RH 61 percent. North winds around 5 mph.

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FLZ240-170915-Central Marion-106 PM EST Mon Nov 16 2020

	Tonight	Tue	Tue Night	Wed
CLOUD COVER	Mclear	Clear	Clear	Clear
CHANCE PRECIP (%)	0	0	0	Ø
WEATHER TYPE	None	None	None	None

