



Salt Springs Incident Decision

Published
03/07/15 14:51

Table of Contents

1. Decision	2
1.1. Decision Summary.....	2
1.2. Assessment	3
1.2.1. Incident Information	3
1.2.2. Weather.....	5
1.2.3. Values	7
1.2.4. Situation.....	8
1.3. Objectives	9
1.4. Course of Action	10
1.5. Cost	11
1.6. Rationale	12

1. Decision

1.1. Decision Summary

Decision Information

NAME	VALUE
Published	03/07/2015 14:51 CST
Estimated Cost	\$10,000
Incident Owner(s)	Lisa Elenz
Editor(s)	Marlena Hovorka, Mark Hale
Reviewer(s)	
Approver(s)	Mark Hale
Natl Preparedness Level	1

Decision History

Editor Name	Action	Date (CST)	Comment
Hale, Mark	Published	03/07/2015 14:51	
Hale, Mark	Approved	03/07/2015 14:51	
Elenz, Lisa	Review Requested	03/07/2015 14:34	
Elenz, Lisa	Review Requested	03/07/2015 14:33	
Elenz, Lisa	Created	03/07/2015 13:24	

1.2. Assessment

1.2.1. Incident Information

Incident Information

NAME	VALUE
Incident Name	Salt Springs
Unique Fire Identifier	2013-FLFNF-000123
Responsible Unit Name	National Forests in Florida
FireCode	
P-Code	
Point of Origin	29.34516 N / 81.67776 W
Incident Size	0.1 acres
Latest Perimeter Size	7.89 acres
Incident Cause	Human
Incident Type	Wildfire
Incident Discovery	03/07/2013 12:00
Contained	
Controlled	
Out	
Jurisdictional Unit	FLFNF - National Forests in Florida
Jurisdictional Agency(s)	USFS
Geographic Area (prep level)	Southern (1)
Owner Name(s)	Lisa Elenz



— Fire Perimeters — Planning Areas ◆ Point of Origin

1.2.2. Weather

Fire Weather Zone Forecast

401
FNUS52 KMLB 072020
FWFMLB

FIRE WEATHER PLANNING FORECAST FOR EAST CENTRAL FLORIDA
NATIONAL WEATHER SERVICE MELBOURNE FL
320 PM EST SAT MAR 7 2015

.DISCUSSION...FRONTAL BOUNDARY STALLED OVER SOUTH FLORIDA WILL SLOWLY LIFT NORTH OF THE REGION LATE ON SUNDAY THROUGH EARLY TUESDAY. THE AREA WILL REMAIN UNDER MOIST ONSHORE FLOW THROUGH MOST OF NEXT WEEK...BRINGING A PROLONGED PERIOD OF CLOUDY SKIES AND MODERATE RAIN CHANCES. NO LOW RH CONCERNS EXPECTED.

FOG POTENTIAL AND OTHER REMARKS...LOCALIZED FOG WILL BE POSSIBLE SUNDAY MORNING ALONG AND NORTH OF I-4.

FLZ041-044-080915-
INLAND VOLUSIA COUNTY-NORTHERN LAKE COUNTY-
INCLUDING THE CITIES OF...DELTONA...DE LAND...LEESBURG...EUSTIS...
LADY LAKE...TAVARES...MOUNT DORA...THE VILLAGES
320 PM EST SAT MAR 7 2015

	TONIGHT	SUN	SUN NIGHT	MON
CLOUD COVER	PCLDY	PCLDY	PCLDY	MCLDY
CHANCE PRECIP (%)	0	0	0	40
PRECIP TYPE	NONE	NONE	SHOWERS	SHOWERS
TEMP	49	77	58	80
RH %	100	36	100	51
20FT WND MPH (AM)		NE 6		NE 5
20FT WND MPH (PM)	NE 7	E 8	E 6	E 7
PRECIP DURATION				2
PRECIP BEGIN				6 AM
PRECIP END				CONTINUING
PRECIP AMOUNT	0.00	0.00	0.00	0.10
LAL	1	1	1	1
MIXING HGT (FT-AGL)	300	3500	0	4200
TRANSPORT WIND (MPH)	NE 13	E 9	E 8	E 14
DISPERSION INDEX	5	39	2	45
MAX LVORI	7		9	

REMARKS...NONE.

.FORECAST FOR DAYS 3 THROUGH 5...

.TUESDAY...PARTLY CLOUDY. A SLIGHT CHANCE OF SHOWERS. LOWS IN THE LOWER 60S. HIGHS IN THE MID 80S. NORTHEAST WINDS AROUND 5 MPH.
.WEDNESDAY...PARTLY CLOUDY WITH A CHANCE OF SHOWERS. LOWS IN THE MID 60S. HIGHS IN THE MID 80S. SOUTHEAST WINDS AROUND 5 MPH.
.THURSDAY...CONSIDERABLE CLOUDINESS WITH A CHANCE OF SHOWERS. LOWS IN THE MID 60S. HIGHS IN THE LOWER 80S. SOUTHEAST WINDS AROUND 5 MPH.

\$\$

895
FNUS52 KJAX 071920
FWFJAX

FIRE WEATHER PLANNING FORECAST FOR NORTHEAST FLORIDA/SOUTHEAST GEORGIA
NATIONAL WEATHER SERVICE JACKSONVILLE FL
220 PM EST SAT MAR 7 2015

.DISCUSSION...SURFACE HIGH PRESSURE WILL BUILD OVER THE AREA TONIGHT AND SUNDAY THEN SHIFT EAST OF THE REGION MONDAY. BREEZY NORTHEAST WINDS NEAR THE COAST THIS AFTERNOON WILL RELAX TONIGHT WITH LIGHTER EAST WINDS 10-15 MPH EXPECTED SUNDAY. MINIMUM HUMIDITY IN THE 25-30% RANGE WILL IMPACT PORTIONS OF SE GA TODAY AND SUNDAY.

FOG POTENTIAL AND OTHER REMARKS...WIDESPREAD FROST IS EXPECTED TONIGHT ALONG AND NORTH OF THE INTERSTATE 10 CORRIDOR.

FLZ037-081100-
PUTNAM-
220 PM EST SAT MAR 7 2015

	TONIGHT	SUN	SUN NIGHT	MON
CLOUD COVER	PCLDY	PCLDY	PCLDY	MCLDY

Fire Weather Zone Forecast

CHANCE PRECIP (%)	0	0	0	30
WEATHER TYPE	NONE	NONE	NONE	SHOWERS
TEMP	44	76	54	77
RH (%)	100	40	100	56
20FT WND MPH (AM)		NE 4		E 4
20FT WND MPH (PM)	NE 4	E 7	E 3	E 8
PRECIP DURATION				1
PRECIP BEGIN				10 AM
PRECIP END				CONTINUING
PRECIP AMOUNT	0.00	0.00	0.00	0.05
LAL	1	1	1	1
MIXING HEIGHT (FT-AGL)	700	4800	400	4900
TRANSPORT WND (MPH)	N 12	E 10	NE 5	E 14
DISPERSION INDEX	4	46	1	44
MAX LVORI	9		10	

.FORECAST FOR DAYS 3 THROUGH 7...

.TUESDAY...MOSTLY CLOUDY. PATCHY FOG. A 20 PERCENT CHANCE OF RAIN SHOWERS. LOWS AROUND 60. HIGHS IN THE LOWER 80S. SOUTH WINDS AROUND 10 MPH.

.WEDNESDAY...PARTLY CLOUDY. A 30 PERCENT CHANCE OF SHOWERS. LOWS IN THE MID 60S. HIGHS IN THE LOWER 80S. SOUTHEAST WINDS 5 TO 10 MPH.

.THURSDAY...MOSTLY CLOUDY. A 40 PERCENT CHANCE OF SHOWERS. LOWS IN THE MID 60S. HIGHS IN THE LOWER 80S. SOUTHEAST WINDS 5 TO 10 MPH.

.FRIDAY...MOSTLY CLOUDY WITH CHANCE OF SHOWERS AND SLIGHT CHANCE OF THUNDERSTORMS. LOWS IN THE MID 60S. HIGHS IN THE UPPER 70S. SOUTHEAST WINDS 5 TO 10 MPH.

.SATURDAY...MOSTLY CLOUDY WITH A 40 PERCENT CHANCE OF SHOWERS AND THUNDERSTORMS. LOWS IN THE MID 60S. HIGHS IN THE UPPER 70S. SOUTHWEST WINDS 5 TO 10 MPH.

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 FLZ040-081100-
 MARION-
 220 PM EST SAT MAR 7 2015

	TONIGHT	SUN	SUN NIGHT	MON
CLOUD COVER	PCLDY	PCLDY	PCLDY	MCLDY
CHANCE PRECIP (%)	0	0	0	40
WEATHER TYPE	NONE	NONE	NONE	SHOWERS
TEMP	46	77	55	79
RH (%)	100	39	98	55
20FT WND MPH (AM)		NE 5		E 4
20FT WND MPH (PM)	NE 6	E 7	E 5	E 8
PRECIP DURATION				1
PRECIP BEGIN				10 AM
PRECIP END				CONTINUING
PRECIP AMOUNT	0.00	0.00	0.00	0.06
LAL	1	1	1	1
MIXING HEIGHT (FT-AGL)	700	5000	300	5400
TRANSPORT WND (MPH)	NE 13	E 13	NE 6	E 12
DISPERSION INDEX	5	50	2	44
MAX LVORI	9		10	

.FORECAST FOR DAYS 3 THROUGH 7...

.TUESDAY...PARTLY CLOUDY. PATCHY FOG. A 20 PERCENT CHANCE OF RAIN SHOWERS. LOWS AROUND 60. HIGHS IN THE LOWER 80S. SOUTH WINDS AROUND 10 MPH.

.WEDNESDAY...MOSTLY CLOUDY. A 30 PERCENT CHANCE OF SHOWERS. LOWS IN THE MID 60S. HIGHS IN THE LOWER 80S. SOUTHEAST WINDS AROUND 5 MPH.

.THURSDAY...MOSTLY CLOUDY. A 40 PERCENT CHANCE OF SHOWERS. LOWS IN THE MID 60S. HIGHS IN THE LOWER 80S. SOUTHEAST WINDS 5 TO 10 MPH.

.FRIDAY...MOSTLY CLOUDY WITH CHANCE OF SHOWERS AND SLIGHT CHANCE OF THUNDERSTORMS. LOWS IN THE MID 60S. HIGHS AROUND 80. SOUTHEAST WINDS 5 TO 10 MPH.

.SATURDAY...MOSTLY CLOUDY WITH A 40 PERCENT CHANCE OF SHOWERS AND THUNDERSTORMS. LOWS IN THE MID 60S. HIGHS AROUND 80. SOUTHWEST WINDS 5 TO 10 MPH.

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1.2.3. Values

NAME	VALUE
Planning Area Name	03/07/2015 14:51
Incident Name	Salt Springs
Planning Area Size	5,581 acres

Values Inventory

Category	Value	Data Source	Currency	Coverage
Building Clusters: Marion, FL	0	US Counties / FGDC Cadastral Subcomm.		Available counties
Building Clusters: Putnam, FL	0	US Counties / FGDC Cadastral Subcomm.		Available counties
Building Clusters: Volusia, FL	0	US Counties / FGDC Cadastral Subcomm.		Available counties
County: Marion, FL	3,994 acres	HSIP 2011, US Census Bureau TIGER data	07/01/2010	National
County: Putnam, FL	868 acres	HSIP 2011, US Census Bureau TIGER data	07/01/2010	National
County: Volusia, FL	719 acres	HSIP 2011, US Census Bureau TIGER data	07/01/2010	National
Est Ground Evac Time: 1-2 Hrs	656 acres	National Park Service NIFC	11/01/2012	CONUS
Est Ground Evac Time: 6+ Hrs	2 acres	National Park Service NIFC	11/01/2012	CONUS
Habitat: West Indian Manatee	1,616 acres	US Fish and Wildlife Service	12/31/2014	National
Jurisdictional Agency: USFS	3,923 acres	Various	09/05/2013	National
Roads	1.0 miles	NAVTEQ	11/2012	National

Coverage of Values Queried that Produced No Results

BLM Buildings (BLM Lands), BLM Horse and Burro (OR, ID, MT, CA, NV, UT, WY, CO, AZ, NM), BLM Oil / Gas Leases (Western United States), BLM Range Allotments (Western United States), Campgrounds (National (BLM and USFS only)), Class 1 Airsheds (National), Communication Towers (National), Electric Power Plants (National), Electric Sub Stations (National), Electric Transmission Lines (National), IRA (National), Mines (National), NPS Buildings (National), NRA (National), Natl Historic Trails (National), Natl Recreation Trails (National), Natl Scenic Byways (National), Natl Scenic Trails (National), Oil and Gas Pipelines (National), Other Areas (National), Ozone Non-Attainment (National), Particulates Non-Attainment (National), Responsible Agency (AK, CA, ID, MT, NM, MN), Sage Grouse Habitat (Western United States), TNC Lands (National), USFS Buildings (National), USFWS Trails (National), WSA (National), Wilderness (National)

1.2.4. Situation

Relative Risk

NAME	VALUE
Relative Risk	Moderate
Duration	Moderate
Saved By	Elenz, Lisa
Completed	03/07/2015 13:32 CST

Relative Risk Notes

There are a number of fires going in the area limiting available resources which may delay control and containment. There are some concerns in the area especially impacting highway 19 to the south of the fire. Fuels are dry with KDBI approaching the 90th percentile.

Values Notes

There are some social concerns with Highway 19 to the south. There are no values at risk currently.

Hazards Notes

Fire behavior has been primarily surface fire with some torching. Fire behavior analysis indicates that the fire has potential to spread if not contained.

Probability Notes

Indices are trending towards the 90th percentile. There are some barriers to fire spread.

Organization Assessment

NAME	VALUE
Org Assessment Result	Type 3
Unit Recommended Org	Type 3
Saved By	Elenz, Lisa
Completed	03/07/2015 13:38 CST

Organization Assessment Notes

Based on the risk assessment and organization assessment, local resource demands, and current situation a Type III team should be successful in meeting the objectives.

Relative Risk Notes

There are a number of fires going in the area limiting available resources which may delay control and containment. There are some concerns in the area especially impacting highway 19 to the south of the fire. Fuels are dry with KDBI approaching the 90th percentile.

Implementation Difficulty Notes

There are a number of fires in the local area limiting availability of resources. Terrain and fuels to the south of the fire may cause safety issues for direct attack. Few resources on the perimeter except along areas that have been controlled limiting firefighter exposure.

Socio/Political Concerns Notes

Fire is currently burning on Forest service land. Objectives for the fire should be attainable. There are some smoke concerns especially smoke impacting residences to the south and Highway 19.

1.3. Objectives

Incident FMU/Strategic Objective Code List

Unit	FMU/Strat Obj Code	Acres
FLFNF	21 - Ocala General Forest	3,945

Spatial Fire Planning Inventory

Category	Value	Data Source	Currency	Coverage
Aqua Retardant Avoidance	524 acres	USFS Enterprise Data Warehouse	4/17/2014	National (USFS Units only)

Incident Objective List

Activated	Incident Objective
03/07/2015	To minimize smoke hazards to paved roads and smoke sensitive areas such as airports, schools, hospitals and retirement or care homes, I limit all fires to the least amount of acreage possible when within 0.5 miles of these concerns.
03/07/2015	Suppress the fire at the smallest size possible.

Incident Requirement List

Activated	Incident Requirement
03/07/2015	Consider firefighter safety and values at risk while suppressing the fire and selecting actions to be taken.

Strategic Objective List

Unit	Shape/ FMU	Activated	Strategic Objective
FLFNF	<Unit>	01/29/2015	Suppress all fires while considering costs, firefighter risk, and values at risk
FLFNF	<Unit>	01/29/2015	TEST SO Florida #1
FLFNF	21	03/13/2009	Use appropriate suppression response based on values at risk, resource damage potential, forest wide fire situation, and predicted weather and fire behavior.
FLFNF	21	03/13/2009	Contain 90% of all unwanted fires within the first burning period.
FLFNF	21	03/13/2009	Minimize smoke hazards to paved roads, and smoke sensitive areas such as airports, schools, hospitals, and retirement or care homes. Limit all fires to the least amount of acreage possible when within 0.5 mile of the above-mentioned areas or other smoke sensitive sites.

Management Requirement List

Unit	Shape/FMU	Activated	Management Requirement
	Aqua Retardant Avoidance	06/18/2013	The aerial application of fire retardant is allowed for fighting fires. Aerially delivered fire retardant should not be applied to any mapped aquatic avoidance area, waterway or buffer. The only exception to using aerially applied fire retardant in avoidance areas is for the protection of human life or public safety . The Incident Commander is the decision maker. Information concerning the Record of Decision for the Aerial Application of Fire Retardant is available at http://www.fs.fed.us/fire/retardant/index.html
FLFNF	<Unit>	01/29/2015	Supress all fires as fast as you can 'test'

1.4. Course of Action

Strategy



Comments

This fire will be suppressed. There are a number of fires burning within the area therefore there is a scarcity of resources. Potential fire spread could impact values to the south of the current fire perimeter.

Last updated on : 03/07/2015 13:22:49

Course of Action

Active	Inactive	Action Item
03/07/2015		Suppress the fire at the smallest size.

1.5. Cost

Estimated Final Cost

NAME	VALUE
Estimated Final Cost	\$10,000
Method(s) Used	Historic Costs

1.6. Rationale

After review of the forecasted weather, the local resource demands, the risk assessment and the over all situation it is my decision to continue to manage the Salt Springs Fire with the Type III organization currently in place to suppress this fire. As conditions change or fire activity increases this decision will be revised.