

## SOUTHERN AREA INCIDENT MANAGEMENT REPORT

Friday, June 23, 2017

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PREPAREDNESS LEVELS	COMPACT STATUS
<b>Southern Area 1</b>	South Central Closed
National 2	Southeastern Closed
	Mid-Atlantic Closed

### Southern Area Activity/Impacts

6/22/2017

Current Situation:			
Initial Attack (I.A.) Activity:	Light	Ongoing Uncontained Large Fires: & Active Acreage:	1 fire
Total I.A. fires and acreage:	7 fires for 20 acres		152,515 acres
New Fires on Federal Protected Lands in:	0 fires for 0 acres	New Fires on State Protected Lands in:	6 fires for 20 acres
			FL, GA & NC
Other I.A. reported through non-FAMWEB Channels:	1 fire for 0 acres in AL		
Prescribed Fire Activity:	State and/or Federal Lands – 33 prescribed fires for 84 acres in GA & SC		

### Significant Activity

6/22/2017

**\*\*New Large ICS-209 Incidents/Critical Updates:** None.

Large/Significant Activity:

(Blue = newly reported fires & changes)

Incident Name	Incident Number	Start Date	Size	Acre + or -	% Ctn. /MMA	IMT Assigned	Structure Loss
West Mims (c)	GA-OKR-017006	4/6/17	152,515		99%	Type 4 IC	4 Outbuildings
Romero	TX-TXS-001025	6/21/17	1,758		100%	Type 5 IC	

# = No updated information was submitted; \* = No change in status

Definitions:

Full Suppression/Perimeter Control: Strategy developed to control a fire and prevent it from exceeding a defined perimeter.

(p) Point or Zone Protection/Limited Perimeter Control: Variety of suppression actions taken to protect a specific point or area.

(c) Monitor/Confine/Contain: Management actions conforming to a monitoring strategy that periodically checks the fire to ensure it continues to meet objectives, and where no further action is taken.

For specific information on fire activity (new wildland and prescribed fires by agency/unit, year-to-date totals, and large incident specifics), please refer to the Southern Area [Summary](#) or [Detailed](#) Situation Reports.

For the purposes of this report "Large ICS-209 Incidents" are defined as fires which are 100+ acres in any fuel type or incidents with a Type 1 or 2 IMT assigned. Incidents with structures damaged or destroyed are also included, regardless of size.

**Resources**

<b>SOUTHERN AREA – IMT ROTATION</b>		For Rotation Dates, please click <a href="#">HERE</a>	<i>Bold Indicates IMT on Current SA Rotation</i>
Dueitt (T1) Red	Available		
Wilkins (T1) Blue	Available		
<b>Parrish (T2) Gold</b>	<b>Available</b>		
<b>TYPE 1 CREWS</b>			
Asheville Hotshots (Asheville, NC)	Unavailable – End of Season – NC		
Augusta Hotshots (Augusta Springs, VA)	Unavailable – End of Season – VA		
Cherokee Hotshots (Unicoi, TN)	Unavailable – End of Season – NC		
Jackson Hotshots (Jackson, MS)	Unavailable – MS		
<b>TYPE 2 IA CREWS</b>			
Eastern OK Region	Available – OK		
KY-MA #1	Available – KY		
KYS #1	Available – KY		
PR MA #4	Available – PR		
VICC Interagency Crew 01	Available – VA		
<b>WILDLAND FIRE MODULES</b>			
Buffalo River Wildland Fire Module	Unavailable – End of Season – AR		
Cumberland Gap Wildland Fire Module	Unavailable – End of Season – KY		
Great Smoky Mtn. Wildland Fire Module	Unavailable – End of Season – TN		
<b>AVIATION RESOURCES</b>			
N196TA (Type 3 Helicopter)	Committed – FY17 FNF ABCD Misc. – FL		
N351FW (Type 3 Helicopter)	Committed – West Mims – GA		
N41HX (Type 3 Helicopter)	Available - NC		
N5013G (Type 3 Helicopter)	Available - FL		

**SACC MORNING REPORT - RESOURCES CURRENTLY ASSIGNED IN AREA**

Resource Provider Agency	Aircraft	Equipment	Overhead	Summary
Arkansas Agriculture Department			2	<b>2</b>
Bureau of Indian Affairs		6	14	<b>20</b>
Florida Forest Service		6	6	<b>12</b>
Georgia Forestry Commission		24	6	<b>30</b>
National Park Service		1	20	<b>21</b>
North Carolina Forest Service		4	1	<b>5</b>
Other		2	2	<b>4</b>
U.S. Air Force			2	<b>2</b>
U.S. Fish and Wildlife Service	1	29	45	<b>75</b>
U.S. Forest Service	1	33	106	<b>140</b>
<b>Summary</b>	<b>2</b>	<b>105</b>	<b>204</b>	<b>311</b>

**SACC MORNING REPORT - RESOURCES CURRENTLY ASSIGNED OUT OF AREA**

Resource Provider Agency	Aircraft	Equipment	Overhead	Summary
Arkansas Agriculture Department			1	1
Bureau of Indian Affairs		1	5	6
Cherokee Nation		1	3	4
Georgia Forestry Commission			1	1
National Park Service			9	9
North Carolina Forest Service			4	4
Oklahoma Forestry Services			3	3
Other	5		1	6
Texas Forest Service			2	2
U.S. Fish and Wildlife Service			9	9
U.S. Forest Service	1	2	51	54
<b>Summary</b>	<b>6</b>	<b>4</b>	<b>89</b>	<b>99</b>

NATIONAL TEAM RESOURCES AVAILABLE	
<a href="#">Area Command Team:</a>	<b>Muir (through 6/28 @ 0900 MT)</b>
<a href="#">Incident Management Teams - National Rotation:</a>	<b>California (through 6/23 @ 1728 MT)</b>
<a href="#">Interagency Buying Team - National Rotation:</a>	<b>Northern Rockies (through 7/5 @ 0812 MT)</b>

Remarks by Reporting Office:	
LA-LIC	Fire danger Low. Tropical Storm Cindy has been downgraded to a Tropical Depression. The State of Louisiana reported 2 Wildfires for a total of .82 of an acre over the past 2 days. Kisatchie National Forest has zero wildfires and zero Rx burns to report.

**Southern Area Predictive Services  
Daily Fire/All Hazards Weather Summary and Outlook**

**Red Flag Warnings:** None.

**Fire Weather Watches:** None.

**Fire Weather Summary/Outlook:** Broad wet/humid pattern thru Saturday; Drying/cooler thru mid-week.

The stormy, “wetter”, and humid weather pattern will continue to affect much of the Southern Area through Saturday as storms and locally high downpours from moisture brought north from TS Cindy gets caught up with a new cold front, which will be dropping into and through the Southeast US over the weekend. By Sunday evening, the line of the prefrontal storms and torrential downpours will be confined to an arc from eastern New Mexico/northwest Texas to along the southern Gulf States then up into the eastern Carolinas. To the north of this line high pressure and fair, drier weather will be dominate with the improved and less humid weather to about mid-week. Strong thunderstorms and rain coming to west Texas/New Mexico over the next few days will provide relief to the drier, lower RH, and higher fire risk environment here as well as help initiate a start to the Southwest’s transition into a summertime “monsoon” season.

Cooler temperatures (lows dropping into the 50s F) and dryer, sunny weather will dominate most of our states east of the Mississippi River into mid-week next week; Florida, most of the Gulf Coast, and Oklahoma/Texas being the notable exceptions with a continuation of daily isolated to scattered areas of afternoon peaking thunderstorms. As we will continue to see a progressive weather pattern, more cloudiness and showers will redevelop again later next week, and will keep a moist and low fire risk environment in places for virtually all of the Southern Area. Looks like a broad stormier start to the coming July 4<sup>th</sup> holiday weekend period for the South.

**Puerto Rico:** A lower activity rain day yesterday with only a small area in the southwest corner seeing a broad range of measurable rain, 0.1, 0.75 inch. The very active rain pattern of the last few days will wane briefly into Saturday ending as the next tropical wave moves over the island over the weekend into Monday of next week. Fire risks to remain on the lower end of the danger spectrum.

**Tropical Atlantic Summary and Outlook:** Day 23 of 183 for the Atlantic storm season; ends Nov 30.

TS Cindy made landfall at around 4AM CDT this morning near the LA/TX border or between Cameron, LA, and Port Arthur, TX. While still classified as a minimal tropical storm with 40 mph max sustained winds, Cindy will weaken through the day as it tracks northerly through Louisiana. Remnant energy and circulation of Cindy will get absorbed into a cold frontal weather system/boundary Friday which will then deflect the depression's track to the northeast and across Tennessee. Moderate to locally high rain fall will be Cindy's legacy as she moves east across the Southern Area.

Other than Cindy and looking out over the rest of the tropical Atlantic basin, there are no signs of other potential development over the next several days.

Including today, it has been **4,260** days, or **11 years, 07 months, 31 days** since our last land-falling Cat 3 or greater US hurricane strike; last was **Wilma, Oct 24, 2005** which was also the strongest Atlantic hurricane of record. This stat continues to smash the previous period of **8 years, 29 days** from 1861 Aug 11 to 1869 Sep 07.

#### **June, July, August/September Weather and Fire Potential Outlook.**

Outlook Maps at: <http://www.predictiveservices.nifc.gov/outlooks/outlooks.htm>

Southern Area Discussion at [http://gacc.nifc.gov/sacc/predictive/outlooks/SA\\_Monthly\\_Seasonal\\_Fire\\_Outlook.pdf](http://gacc.nifc.gov/sacc/predictive/outlooks/SA_Monthly_Seasonal_Fire_Outlook.pdf)

### **SUMMER AND EARLY FALL 2017**

#### **Weather and Climate Outlook:**

A warmer tropical Pacific episode continues to evolve, albeit slowly, and a "warm" ENSO anomaly still expected to be the dominate pattern for the rest of year. This change, along with a more recent favorable MJO phases and persisting cooler than average and cooling Atlantic SSTs, has significantly increased moisture availability to incoming storm systems. These changes are expected to continue to produce broader coverage and higher rain fall events – especially over, in general, the southeastern half of the South into Jun For the bulk of the summer, we are expecting warm but generally humid conditions with the occurrence of critical humidity events continuing to decrease as we settle in a summer time pattern of occasional shower/thunderstorm activity.

#### **Fire Activity and Area Discussion:**

Higher humidities and recurring rain events during May have significantly aided in reducing fire danger that has been plaguing southern Georgia and mainly the interior central counties of the Florida peninsula since March. While far west Texas has recently experienced some higher wind and single digit to teens RH minimums, a myriad of other factors that have not been at critical levels is minimizing the fire threat – in aerial coverage, magnitude, and duration of the threat event period. While southern Georgia and the interior Florida peninsula will likely continue to see above average activity into June, we do expect the overall threat to decline during the month with more typical seasonal fire activity probable for the summer.

**Monthly Discussions/Detail** (generally by exception to review unusual or persisting above average fire risks)

#### **June**

We still expect the primary fire threat to remain in our southeast from southern Georgia south into the interior of the Florida peninsula. We will monitor conditions out in far west Texas (the Trans Pecos) where normal warm and dry conditions could come into play IF the weather pattern produces any high wind/low RH episodes. But as of now, we are expecting nearer average seasonal fire potential.

#### **July**

Average (seasonal) or lower fire activity is expected.

#### **August/September**

A continuation of generally seasonal summertime activity is expected. ENSO evolution depending, we think the Ohio and Tennessee Valley areas of the South during September could see a return an average to below average fire threat environment.

## 2017 Tropical Season

Current expectations are for an average to below average season in terms of storm numbers with total ACE also forecast to be below average. The threat of a storm system to reach the western Gulf appears to be of higher risk this year. Otherwise, and as in previous years, very warm water off the US east coast and east into the western-central Atlantic would indicate another year for rapid development/intensification “close-in” of any storm moving to the east coast.

## Fall/Winter 2017

The warming of the tropical Pacific is expected to persist for the fall with the potential for at least a weak El Nino being established late this year. This would increase the potential for broader coverage rain activity for the Southern Area as stronger fall/winter frontal activity redevelops.

## Web Links to Various Fire Danger or Fire Weather Related Products (updated July 1, 2016):

Product Description (Source)	Link
Days Since Significant Rain (Predictive Services)	<a href="#">Click Here for DSR</a>
ERC Percentile Map (USFS)	<a href="#">Click here for USFS ERC</a>
ERC Anomaly Charts (DRI)	<a href="#">Click here for DRI ERC</a>
SACC Web Page	<a href="#">Click here for SACC</a>
FM100 Daily Values (Predictive Services)	<a href="#">Click Here for Daily FM100 Values by PSA</a>
FM1000 Daily Values (Predictive Services)	<a href="#">Click Here for Daily FM1000 Values by PSA</a>
Table of Fire Family Plus Outputs (Predictive Services)	<a href="#">Click Here for a Table of Fire Family Plus Outputs by PSA</a>
WFAS Indices by State (Predictive Services)	<a href="#">Click Here for WFAS Indices by State</a>
Quantitative Precipitation Forecasts (Predictive Services)	<a href="#">Click Here to see NWS QPF Maps on one page</a>
QPF Table by PSA (Predictive Services)	<a href="#">Click Here to see a QPF table by PSA</a>
Precipitation Anomaly Maps (New as of June 23)	<a href="#">Click here to see PAM6 maps</a>
Observed BI (Predictive Services)	<a href="#">Click here for Observed BI by PSA as computed by Fire Family Plus</a>
Forecast BI for DAY1 (Predictive Services)	<a href="#">Use DAY2, DAY3, DAY4, DAY5, DAY6, DAY7 to see additional forecast panels</a>
Forecast FM100 for DAY1 (Predictive Services)	<a href="#">Use DAY2, DAY3, DAY4, DAY5, DAY6, DAY7 to see additional forecast panels</a>
Forecast FM1000 for DAY1 (Predictive Services)	<a href="#">Use DAY2, DAY3, DAY4, DAY5, DAY6, DAY7 to see additional forecast panels</a>
Observed DENSCA (Predictive Services)	<a href="#">Click Here for Observed DENSCA Map</a>
Forecast DAY1 DENSCA Map (Predictive Services)	<a href="#">Use DAY2, DAY3, DAY4, DAY5, DAY6, DAY7 for additional forecast panels</a>
US View of Day1-2-3 Red Flag Warnings and Fire Weather Watches (Predictive Services)	<a href="#">Click Here for US View of DAY1-2-3 Red Flag Warnings and Fire Weather Watches</a>
Southern Area View of DAY1-2-3 Red Flag Warnings and Fire Weather Watches (Predictive Services)	<a href="#">Click Here for Southern Area View of DAY1-2-3 Red Flag Warnings and Fire Weather Watches</a>
ERC Observed/Forecast Monthly/Yearly Departure/Percentile Maps (Predictive Services)	<a href="#">Click Here for Observed/Forecast ERC Monthly/Yearly Departures/Percentiles</a>
30DAY and YTD Observed and Forecast ERC-G Chart for Southern Area PSAs	<a href="#">ERC-G 30DAY Observed and Forecast Chart. Replace PSA in URL for additional charts</a>
<b>RH Maximum/Minimum Maps</b>	
US Maximum RH Map (Predictive Services)	<a href="#">Click Here for the Observed US Maximum RH Map</a>
US Minimum RH Map (Predictive Services)	<a href="#">Click Here for the Observed US Minimum RH Map</a>
Southern Area Observed Maximum RH Map (Predictive Services)	<a href="#">Click Here for Southern Area Observed Maximum RH Map</a>
Southern Area Observed Minimum RH Map (Predictive Services)	<a href="#">Click Here for Southern Area Observed Minimum RH Map</a>
Eastern Area Observed Maximum RH Map (Southern Area Predictive Services)	<a href="#">Click Here for Eastern Area Observed Maximum RH Map</a>

Eastern Area Observed Minimum RH Map (Southern Area Predictive Services)	<a href="#">Click Here for Eastern Area Observed Minimum RH Map</a>
RH Wind Forecast Maps (Predictive Services)	<a href="#">Use DAY2, DAY3, DAY4, DAY5, DAY6, DAY7 to access additional panels</a>
<b>KBDI Related Products</b>	
Weekly KBDI Reference Maps (Predictive Services)	<a href="#">Click Here for Weekly Reference KBDI Values</a>
KBDI Daily Value Map (Predictive Services)	<a href="#">Click Here Daily KBDI Value by PSA</a>
KBDI Monthly Anomaly (Predictive Services)	<a href="#">Click Here KBDI Monthly Anomaly</a>
KBDI Monthly Percentile (Predictive Services)	<a href="#">Click Here for KBDI Monthly Percentile</a>
KBDI Seasonal Anomaly (Predictive Services)	<a href="#">Click Here for Seasonal Anomaly</a>
KBDI Seasonal Percentile (Predictive Services)	<a href="#">Click Here for KBDI Seasonal Percentile</a>
KBDI Yearly Anomaly (Predictive Services)	<a href="#">Click Here for KBDI Yearly Anomaly</a>
KBDI Yearly Percentile (Predictive Services)	<a href="#">Click Here for KBDI Yearly Percentile</a>
Florida KBDI (Fl. Division of Forestry)	<a href="#">Click Here for Florida KBDI Value</a>
Louisiana KBDI (LSU)	<a href="#">Click here for Louisiana KBDI Value</a>
Oklahoma KBDI (OK Mesonet)	<a href="#">Click Here for Oklahoma KBDI Value</a>
North Carolina KBDI (NCSU)	<a href="#">Click Here for North Carolina KBDI Value</a>
Texas KBDI (TAMU)	<a href="#">Click Here for Texas KBDI Value</a>
Georgia (GFC)	<a href="#">Click Here for Georgia KBDI Value</a>
<b>Fire Potential Outlooks and Assessments</b>	
Southern Area 7-Day Map (Predictive Services)	<a href="#">Click Here for 7-Day Map</a>
Southern Area 7-Day Table Grid (Predictive Services)	<a href="#">Click Here for 7-Day Table Grid of Dryness Levels</a>
National Monthly Seasonal Outlook (NIFC)	<a href="#">Click Here for National Monthly-Seasonal Outlook</a>
Monthly Outlook Map 1 (NIFC)	<a href="#">Click Here for Monthly Outlook Map 1</a>
Monthly Outlook Map 2 (NIFC)	<a href="#">Click Here for Monthly Outlook Map 2</a>
Seasonal Outlook Map 3 (NIFC)	<a href="#">Click Here for Seasonal Outlook Map 3</a>