

## SOUTHERN AREA INCIDENT MANAGEMENT REPORT

Friday, July 21, 2017

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PREPAREDNESS LEVELS	COMPACT STATUS
<b>Southern Area 1</b>	South Central Closed
National 4	Southeastern Closed
	Mid-Atlantic Closed

### Southern Area Activity/Impacts 7/20/2017

Current Situation:			
Initial Attack (I.A.) Activity:	Light	Ongoing Uncontained Large Fires: & Active Acreage:	0 fires 0 acres
Total I.A. fires and acreage:	8 fires for 530 acres		
New Fires on Federal Protected Lands in:	1 fire for 0 acres	New Fires on State Protected Lands in:	7 fires for 530 acres
	FL		FL, GA & TX
Other I.A. reported through non-FAMWEB Channels:	0 fires for 0 acres		
Prescribed Fire Activity:	State and/or Federal Lands – 44 prescribed fires for 372 acres in AR, GA & SC		

### Significant Activity 7/20/2017

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

Large/Significant Activity:

(Blue = newly reported fires & changes)

Incident Name	Incident Number	Start Date	Size	Acres + or -	% Ctn. /MMA	IMT Assigned	Structure Loss
183 Fire	TX-TXS-005016	7/20/17	400		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

*The number of resource currently committed is obtained from the Resource Ordering and Status System (ROSS). There may be slight Discrepancies in the total number of resources reported. The Overhead column only reflects overhead positions, not the total number of personnel assigned.*

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

Resource Provider Agency	Aircraft	Equipment	Overhead	Summary
Bureau of Indian Affairs		1		1
Bureau of Land Management			1	1
Florida Forest Service		3	14	17
Kentucky Division of Forestry			1	1
LA Dept. of Agriculture and Forestry			1	1
National Park Service			3	3
North Carolina Forest Service			1	1
Other			1	1
South Carolina Forestry Commission			1	1
Texas Forest Service			2	2
U.S. Fish and Wildlife Service		8	21	29
U.S. Forest Service	2	8	72	82
<b>Summary</b>	<b>2</b>	<b>20</b>	<b>118</b>	<b>140</b>

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

Resource Provider Agency	Aircraft	Crew	Equipment	Overhead
Arkansas Agriculture Department				4
Bureau of Indian Affairs			5	22
Bureau of Land Management			6	1
Department of the Interior				1
Florida Forest Service				23
Georgia Forestry Commission				3
National Park Service				22
North Carolina Forest Service				14
Oklahoma Forestry Services				2
Other	11	3		1
South Carolina Forestry Commission				1
Texas Forest Service			1	8
U.S. Fish and Wildlife Service	1			22
U.S. Forest Service	5	4	13	155
Virginia Department of Forestry				1
<b>Summary</b>	<b>17</b>	<b>7</b>	<b>25</b>	<b>280</b>

#### **NATIONAL TEAM RESOURCES AVAILABLE**

<a href="#">Area Command Team:</a>	<b>Sexton (through 7/23 @ 1818 MDT)</b>
<a href="#">Incident Management Teams - National Rotation:</a>	<b>Alaska Northwest (through 7/23 @ 0950 MDT)</b>
<a href="#">Interagency Buying Team - National Rotation:</a>	<b>None Available (through 7/31 @ 0800 MDT)</b>
<b>SOUTHERN AREA – IMT ROTATION</b>	For Rotation Dates, please click <a href="#">HERE</a> <b>Bold Indicates IMT on Current SA Rotation</b>
<b>Dueitt (T1) Red</b>	<b>Available</b>
Wilkins (T1) Blue	Available
Parrish (T2) Gold	Available

<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)	Mob Enroute – Park Creek – MT
Jackson Hotshots (Jackson, MS)	Unavailable
<b>CREW MODULES</b>	
Tampa #1 IARR – Larry Kile, Floyd Willis (t)	
FL ST #1	Committed – Onaqui Mountain Complex – UT
FL ST #2	Committed – Onaqui Mountain Complex – UT
GASC – Crew 1	Committed – Snowstorm – NV
PR MA #3	Committed – Missouri – ID
PR MA #4	Committed – Summit – ID
<b>Knoxville #1</b> IARR – Tony White	
FL MA #3	Committed – 2017 UT-NUC GACC Support/Preposition – UT
FL ST#3	Committed – 2017 UT-NUC GACC Support/Preposition – UT
KY-MA-1729	Committed – 2017 UT-NUC GACC Support/Preposition – UT
NCST T2IA #1	Committed – 2017 UT-NUC GACC Support/Preposition – UT
SC MA#1	Committed – 2017 UT-NUC GACC Support/Preposition – UT
<b>TYPE 2 IA CREWS</b>	
Alamo Regulars (MA)	Committed – 2017 KNF ABC Misc. – MT
ARS - Razorback	Available – AR
GA-MA #1	Committed – Northern Rockies Support Billings – MT
Jackson BLM	Mob Enroute – Missouri – ID
Lone Star Multi-Agency T2 IA Crew	Committed – Dominic Butte – MT
KYS #1	Committed – Onaqui Mountain Complex – UT
TNTNC Interagency Crew #1	Committed – Crying – MT
VICC Interagency Crew 01	Committed – FY17 HLF ABCD Misc. - GDC – MT
VICC Interagency Crew 02	Committed – Whittier – CA
<b>WILDLAND FIRE MODULES</b>	
Balcones Wildland Fire Module	Unavailable – End of Season
Buffalo River Wildland Fire Module	Unavailable – End of Season
Cumberland Gap Wildland Fire Module	Unavailable – End of Season
Great Smoky Mtn. Wildland Fire Module	Unavailable – End of Season
<b>AVIATION RESOURCES</b>	
N196TA (Type 3 Helicopter)	Committed – FY2017 SPB Detection – MS

**Remarks by Reporting Office:**

LA-LIC	Fire danger moderate. Zero wildfires and zero Rx burns to report.
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## Southern Area Predictive Services Daily Fire/All Hazards Weather Summary and Outlook

**Red Flag Warnings:** None.

**Fire Weather Watches:** None.

**Fire Weather Summary/Outlook:** Significant warming/drier through Saturday; Stormier again after Sun.

Strong high pressure will build and broaden west to east across our northern and central GACC states which will produce peaking much warmer (OK, HOT) mid to upper 90s/100 high temperatures through the weekend, and with a drier and drying fuels environment lasting into today/Saturday. With the exception of mainly coastal areas, RH minimums will decrease down into the 30%s and 40%s with mid 20%s to low 30%s likely for areas of northwest Texas/central-west Oklahoma. Humidity will be on the increase again for the GACC states east of Oklahoma/Texas Sunday with afternoon instability and storm activity beginning to again broaden across the interior Southern Area. There is in the pattern potential for significant storms and higher cold front associated rain fall to develop mid-week next week across an area from the Ohio/Tennessee Valley east to Virginia and otherwise the Mid-Atlantic States. We expect still humid and flaring afternoon/evening storms to remain in the forecast during the next several days for Florida and more southern Areas of the central Gulf States.

Longer term, we should continue to expect a pattern of higher frequency and recurring "pulsing" periods of afternoon/evening rain/thunderstorms as we move into and through August with a steady flow of Atlantic and Gulf moisture keeping RH minimums elevated and generally trending above 40%. Rain activity will remain highest across our deep southeast/Florida and along our Gulf and southeast Atlantic coasts with activity with peaking SW "Monsoon" activity influencing conditions for west Texas. Temperatures will trend warmest in our interior central GACC states. Periods of warm/dry weather will produce shorter periods of fine fuel drying but humidity levels and periodic storms should keep fire risks trending at moderate and below levels.

**Puerto Rico:** A band of moisture with showers and gusty winds will pass across the area through the early morning hours today before a patch of slightly drier air moves in for the rest of the day. Moisture will increase starting tonight as a tropical wave moves in, which will pass over the area on Saturday into Sunday, bringing deeper moisture and additional shower and thunderstorm activity to the local area.

**Tropical Atlantic Summary and Outlook:** 131 days remaining in the Atlantic storm season; ends Nov 30.

US impacting tropical development potential should remain rather limited through the end of the month. A second wave of interest still being monitored by the NHC, Invest 96L, is now about at the halfway point in the central-southern tropical Atlantic development area. This feature will likely begin to veer to the northwest with a track keeping it east of the Antilles. Saharan air and other unfavorable conditions should significantly impact this system as it moves into the southern-central Atlantic. The NHC gives this invest area a 30% chance for development.

Including today, it has been **4,287 days, or 11 years, 08 months, 26 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 Aug11 -1869 Sept. 07.

### **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)

### **Drought and Fuel Conditions (by exception):**

Drought conditions SIGNIFICANTLY improved from May and essentially not an issue any longer east of the Mississippi River Valley. Light to moderate levels of drought remain in the map for generally west Texas. With the abundant and frequent rain activity Florida and the central Gulf Coast have above average moisture levels.

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

The trend for most of the South for the next four months is for humid and what will likely be an above average storm pattern. Existing moisture levels and an expected progressive/dynamic weather pattern expected from a warm biased

ENSO state should keep fire risks in the lower end of the risk spectrum. A transition into the southwestern “monsoon” state is anticipated to improve moisture levels in what so far has been a drier and elevated fire risk environment for western Texas and at times far western Oklahoma.

**Fire Activity and Area Discussion:**

Higher humidities and recurring rain events during May and June have significantly aided in reducing fire danger that plagued southern Georgia and the central Florida peninsula in March, April, and early May. While far west Texas has recently experienced some higher winds and single digit RH values, a myriad of other factors have minimized the overall fire threat. Fire risks will generally be average or below average for much of the Southern Area during the ensuing summer.

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

- No particular outlier comments for the period.

**2017 Tropical Season**

Current expectations are for an average to below average season in terms of storm numbers with total Accumulated Cyclone Energy (ACE) also forecast to be below average. The threat of a storm system to reach the western Gulf appears to contain the higher risk this year. Otherwise, and as in previous years, very warm water off the US East Coast and eastward into the western and central Atlantic are indications that favor rapid development of systems that form in close proximity to the Southern Area coastline.

**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>