

CONGRESS CUTS FUNDING
FOR NOAA HURRICANE-
WATCHING SATELLITES...

RELAX. IT'S
GOOD FOR THE
ECONOMY!



BUDGET
CUTS

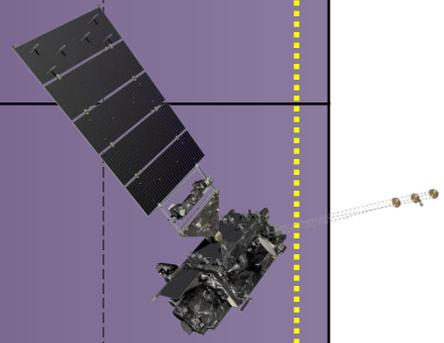
08-23-11

MORIN

The Miami Herald

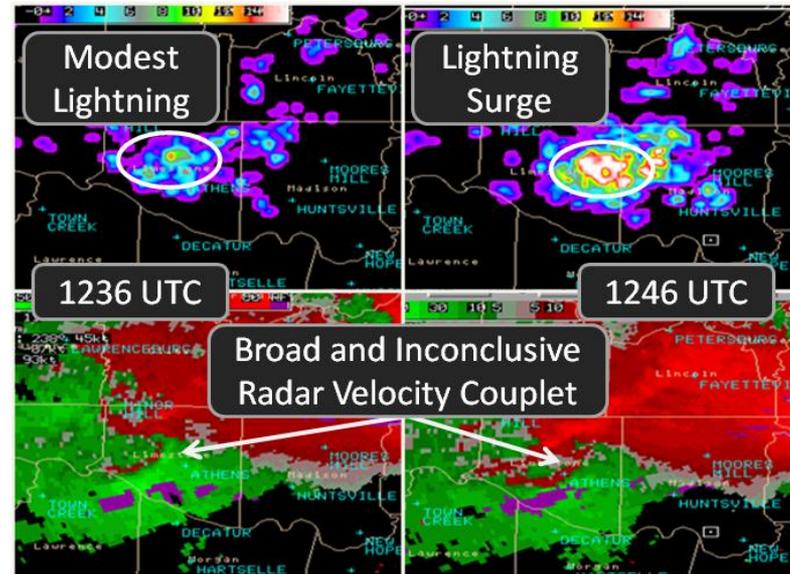
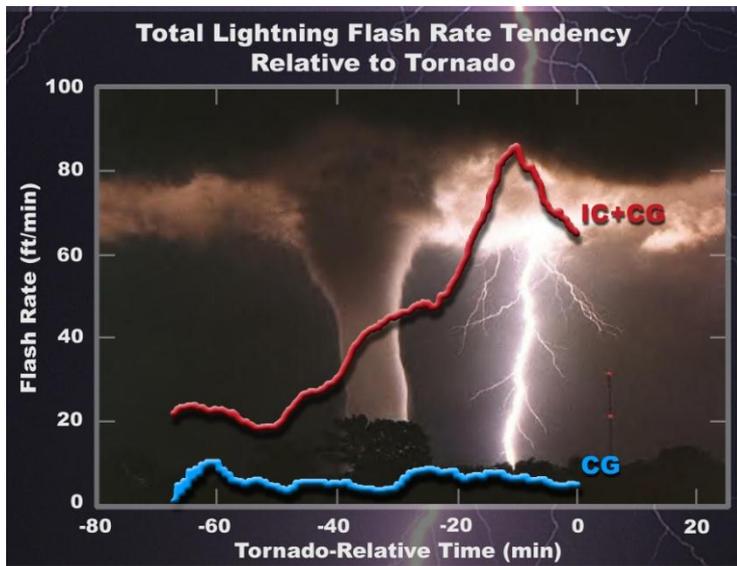
	2010	2011	2012	2013	2014	2015	
Program/ System	✓ System Design Review complete	✓	<ul style="list-style-type: none"> ● Mission PDR Part I complete ● Mission PDR Part II ● Mission CDR 				
Flight Segment	Spacecraft	✓ S/C SDR complete	✓ S/C PDR complete	● S/C CDR			
		Instruments	✓ All instruments have passed CDR	✓ ABI Delta CDR complete	<ul style="list-style-type: none"> ● ABI Delivery ● SEISS Delivery ● EXIS Delivery ● SUVI Delivery ● GLM Delivery 		
Ground Segment	<ul style="list-style-type: none"> Antenna System PDR completed ✓ 100 % delivery of baseline product algorithms 		<ul style="list-style-type: none"> ✓ Core GS PDR complete ✓ ✓ 	<ul style="list-style-type: none"> ● Antenna System CDR GS Project PDR complete ● ESPDS CDR ● CLASS CDR ● GS CDR 	<ul style="list-style-type: none"> ● RBU/NSOF/WCDAS installation ● WCDAS complete ● RBU complete ● NSOF complete 		

Launch Readiness Oct. 2015





Geostationary Lightning Mapper (GLM)



Skill scores and average lead times using the sample set of 711 thunderstorms for both total lightning and CG lightning, correlating trends in lightning to severe weather.

	POD	FAR	CSI	HSS	lead time (all)	lead time (tornado)
Total lightning	79%	36%	55%	0.71	20.65 mins	21.32 mins

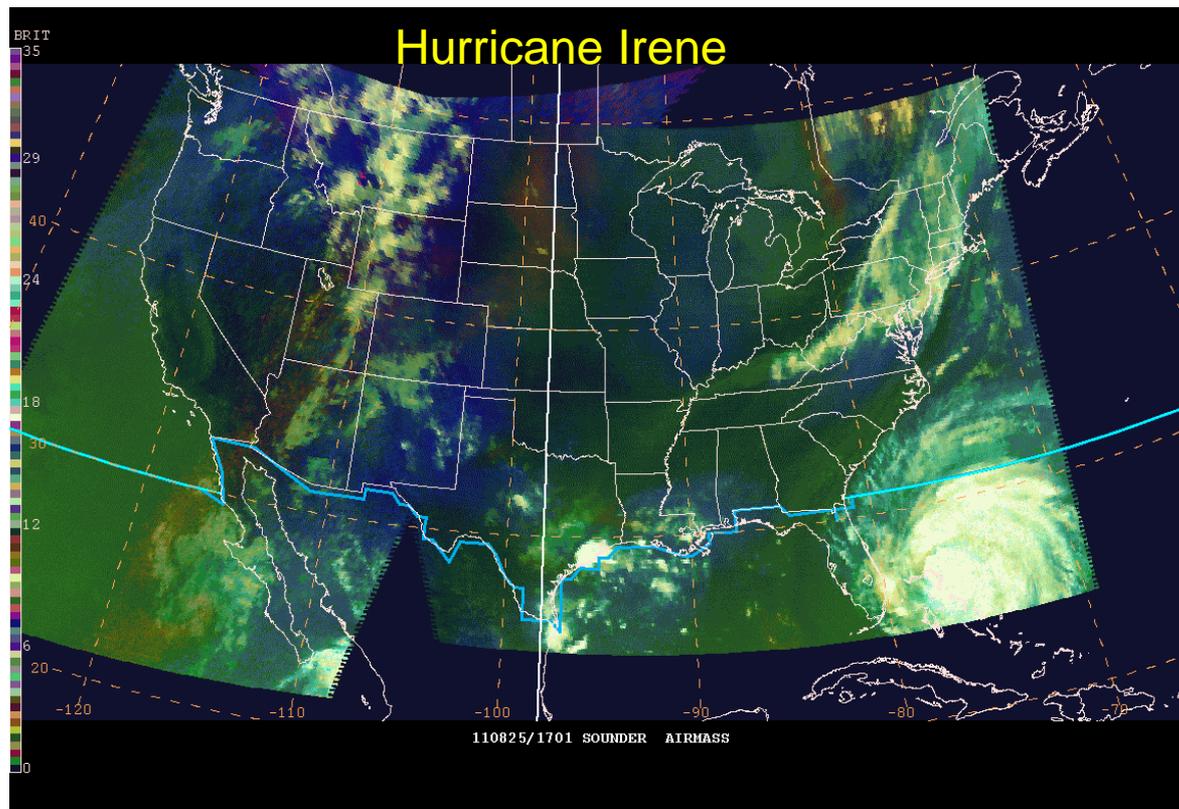
National Average for Tornado warning lead-time is only 13 minutes



Future Capability: RGB Air Mass Product



As the hurricane is approaching Cape Lookout, NC, the RGB product shows evidence of synoptic-scale dry air on the south-southeast side of the circulation. Synoptic-scale dry air is present to the northwest on the periphery of the storm. This dry air is caught in the southwest inflow channel, effectively cutting off convective development by introducing stably stratified air.



From CIRA and NASA SPoRT and Michael Folmer (CICS Satellite
Champion at HPC/OHC/SAB)

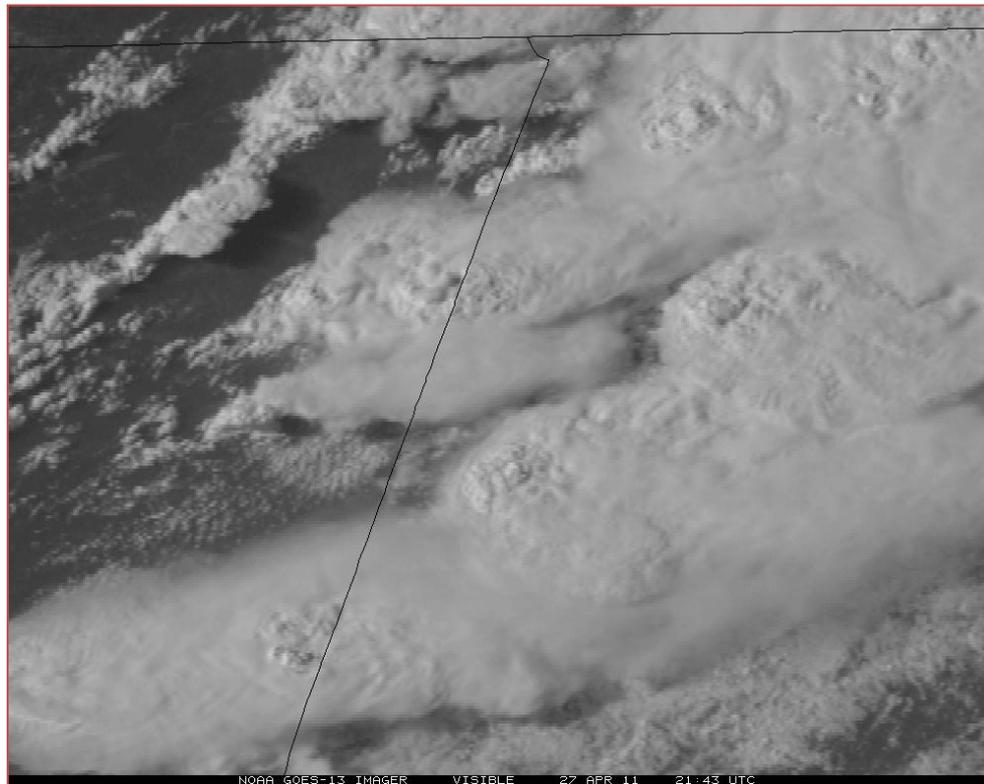
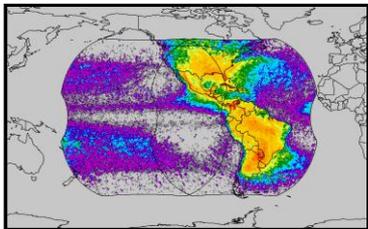
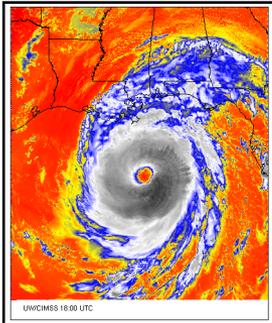


7th GOES Users' Conference



20-21 October 2011 The Wynfrey Hotel Birmingham, AL

To be held in conjunction with the 15-20 October 2011
36th National Weather Association Annual Meeting:
<http://www.nwas.org/meetings/nwa2011>



The Wynfrey Hotel

http://directreadout.noaa.gov/GUC_VII/index.htm



GOES-R

Geostationary Operational Environmental Satellite-R Series



The next-generation of geostationary environmental satellites



Advanced imaging
for accurate forecasts



Real-time mapping
of lightning activity



Improved monitoring
of solar activity

Spacecraft image courtesy of Lockheed Martin

Thank you!

Any ???

For more information
visit www.goes-r.gov



<http://www.facebook.com/GOESRsatellite>