201810 Hurricane Michael Data Sources

Geospatial Information and Remotely Sensed Imagery Products

October-12-2018

Catalog Info

Hazards Data Distribution System (HDDS)
Select Event: '201810_Hurricane_Michael' -> click on '+' and then 'Search'
Download Shapefiles for image footprints
https://hddsexplorer.usgs.gov/data/list/disaster/201810_Hurricane_Michael/shapefiles/index
More information about HDDS: http://hdds.usgs.gov/hazards-data-distribution-system-hdds

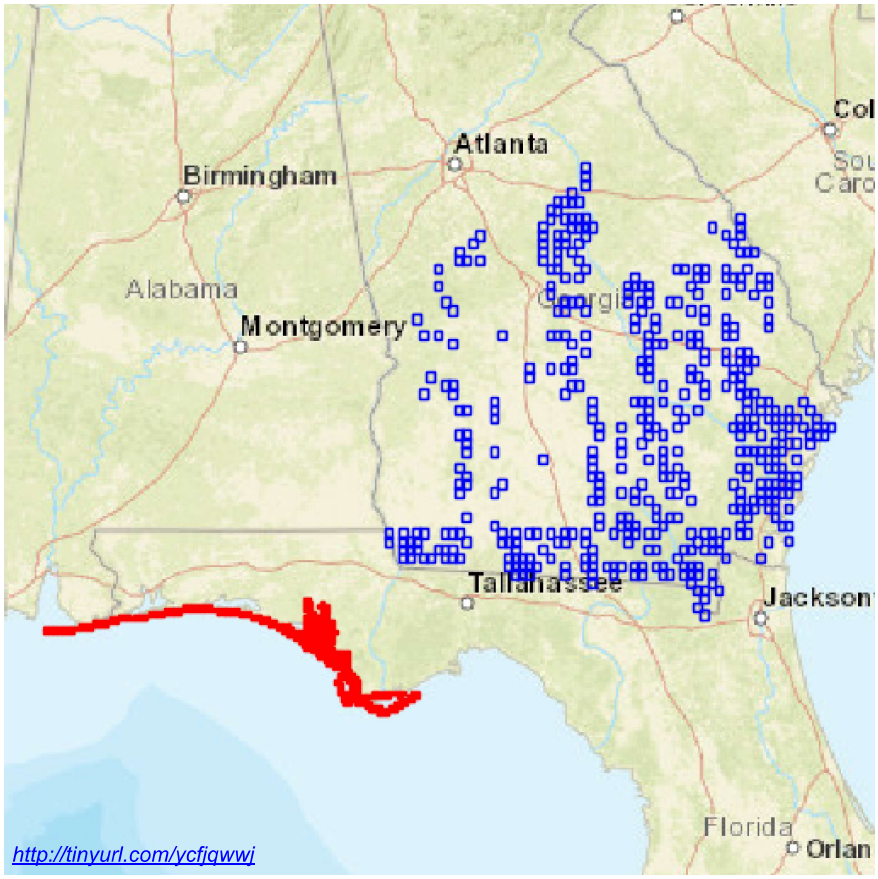
HDDS Emergency Operations - Collection Management Tool *(area of interest for disaster imagery collections) Request new disaster related imagery here.*
http://cmt.usgs.gov/

NOTE: We have changed the method for symbology of the image footprints.

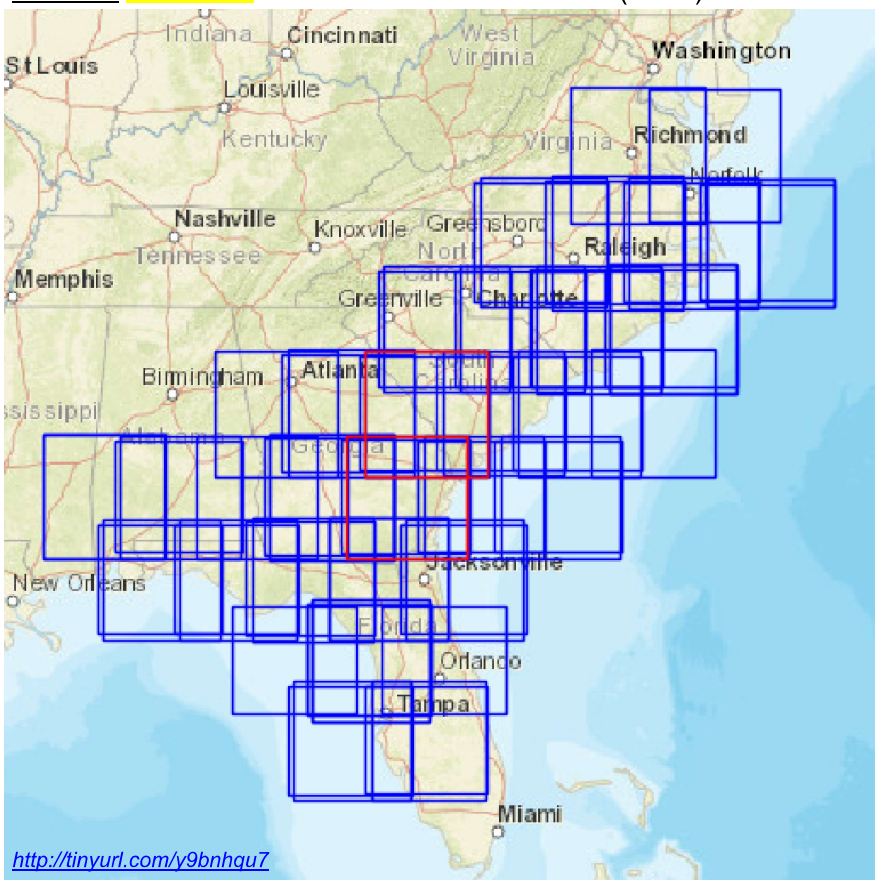
We now highlight new image footprints as red or blue, where red reflects the newest footprints from the last 48 hours and blue reflects footprints from the last 7 days.

- New foorprints from the past 48 hours
- Footprints from the last 7 days

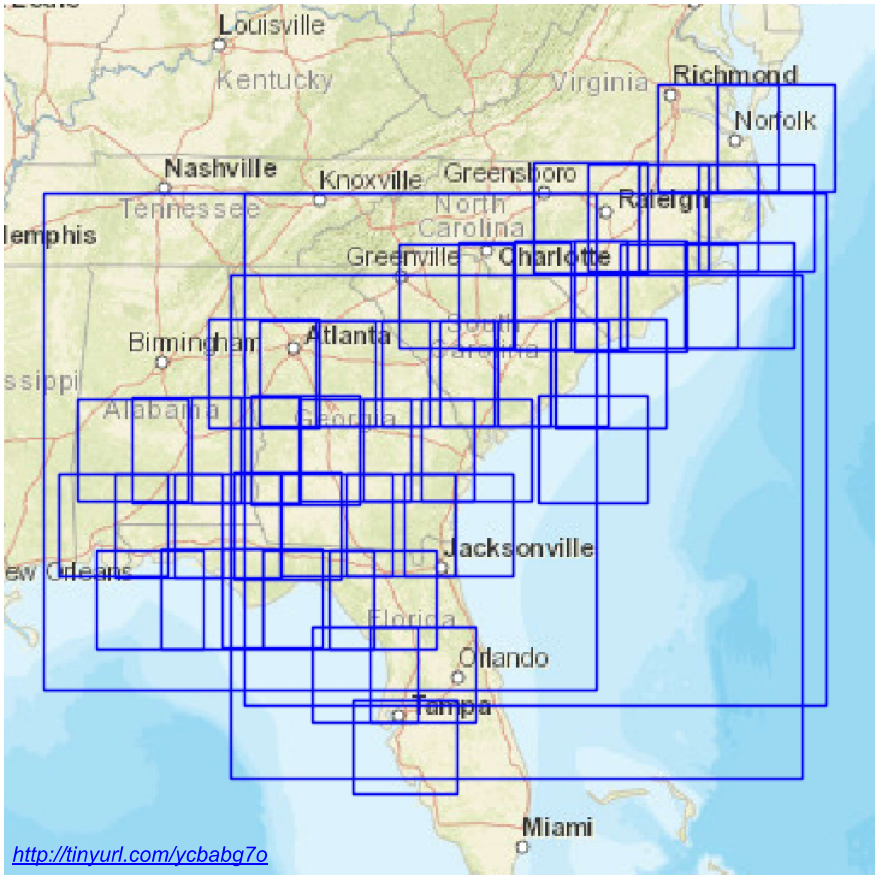
Platform: ***AERIAL*** scenes from the last 48 hours (in red) and from the last 7 days (in blue) (***view in Voyager***)



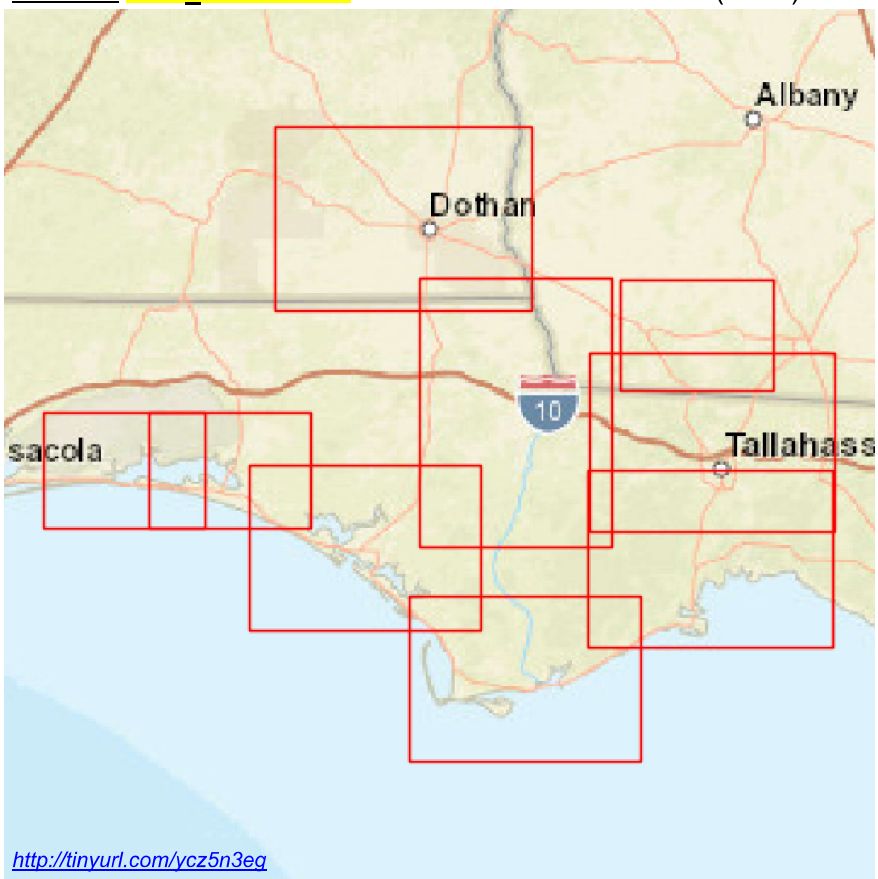
Platform: ***LANDSAT*** scenes from the last 48 hours (in red) and from the last 7 days (in blue) (***view in Voyager***)



Platform: ***IRS*** scenes from the last 48 hours (in red) and from the last 7 days (in blue) (***view in Voyager***)

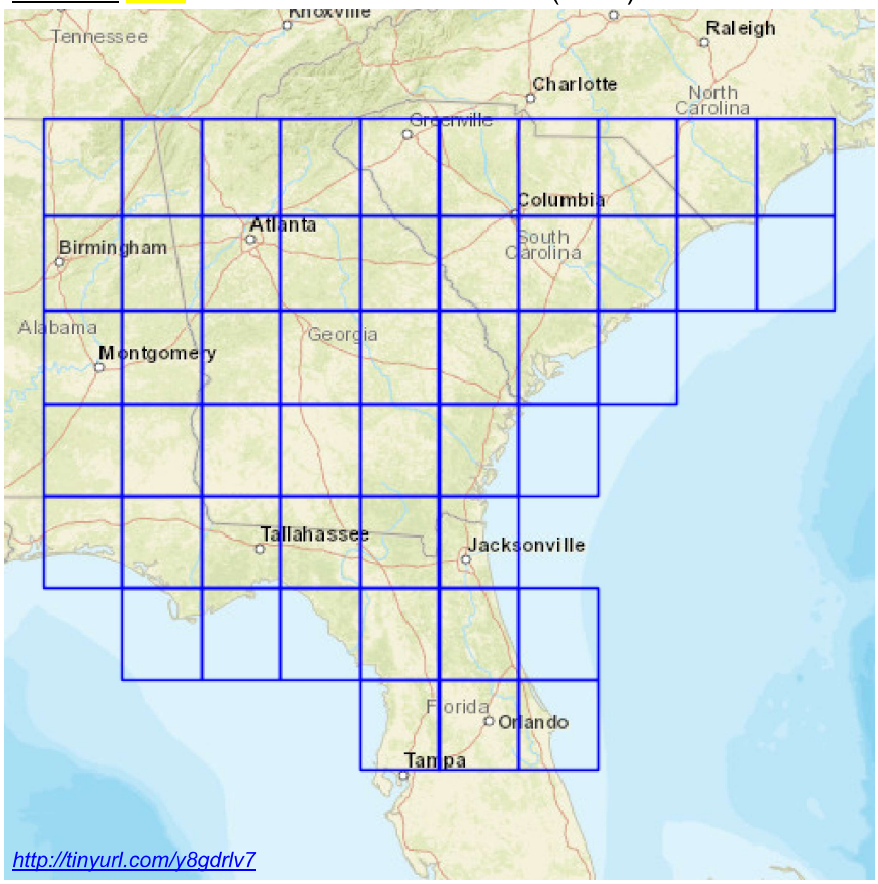


Platform: ***MAP_PRODUCTS*** scenes from the last 48 hours (in red) and from the last 7 days (in blue) (***view in Voyager***)

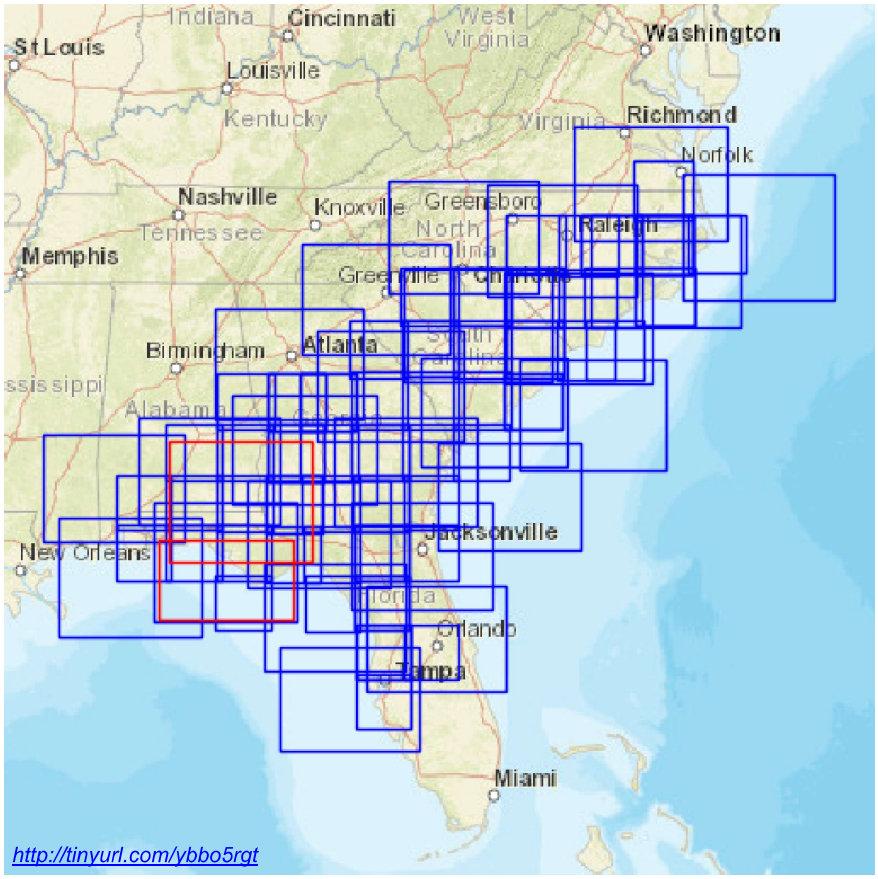


Platform: ***REPORTS*** scenes from the last 48 hours (in red) and from the last 7 days (in blue) (***view in Voyager***)

Platform: ***DEM*** scenes from the last 48 hours (in red) and from the last 7 days (in blue) (***view in Voyager***)



Platform: ***SENTINEL*** scenes from the last 48 hours (in red) and from the last 7 days (in blue) (***view in Voyager***)



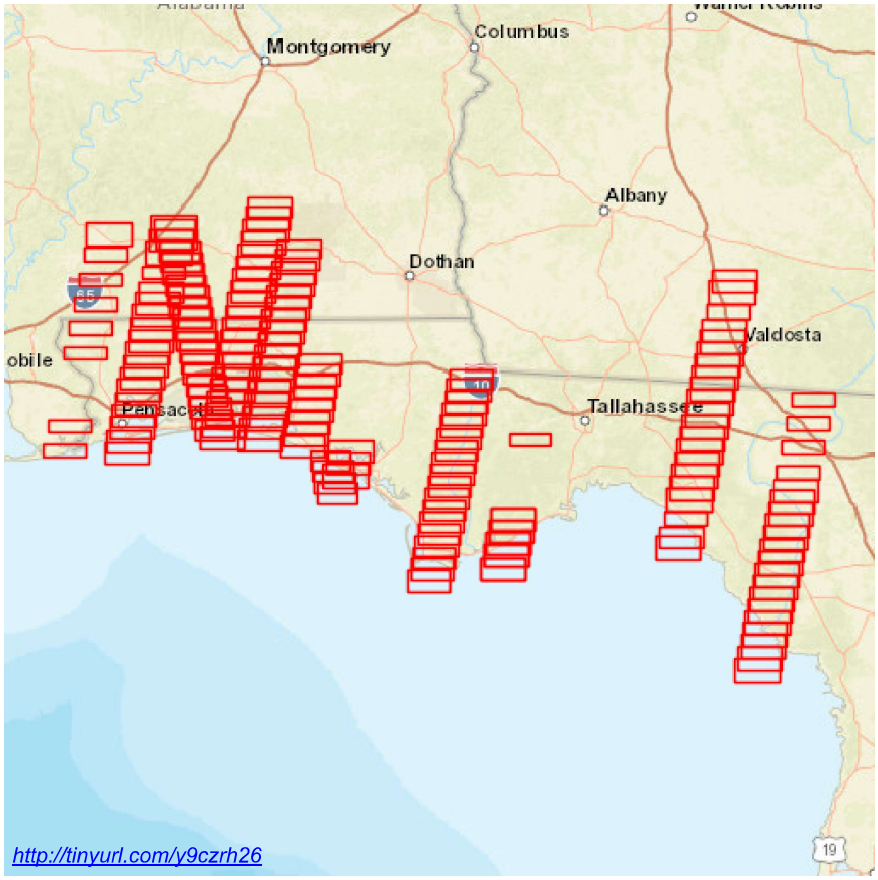
HDDS Restricted

If you have not registered on either EarthExplorer or HDDS, click the register button in the top right corner of the screen and go thru the registration process. Once registered, you will have access to EarthExplorer and HDDS download capabilities. The first time you attempt to download restricted imagery, you will need to fill out an access request form for that event. Click on 'Access' (upper right of HDDS screen), then select 'To request access to restricted data click here'. Select event from menu. Once granted access, you can download restricted imagery. (note: in most cases the restricted area contains licensed imagery, not all requests can be granted.)

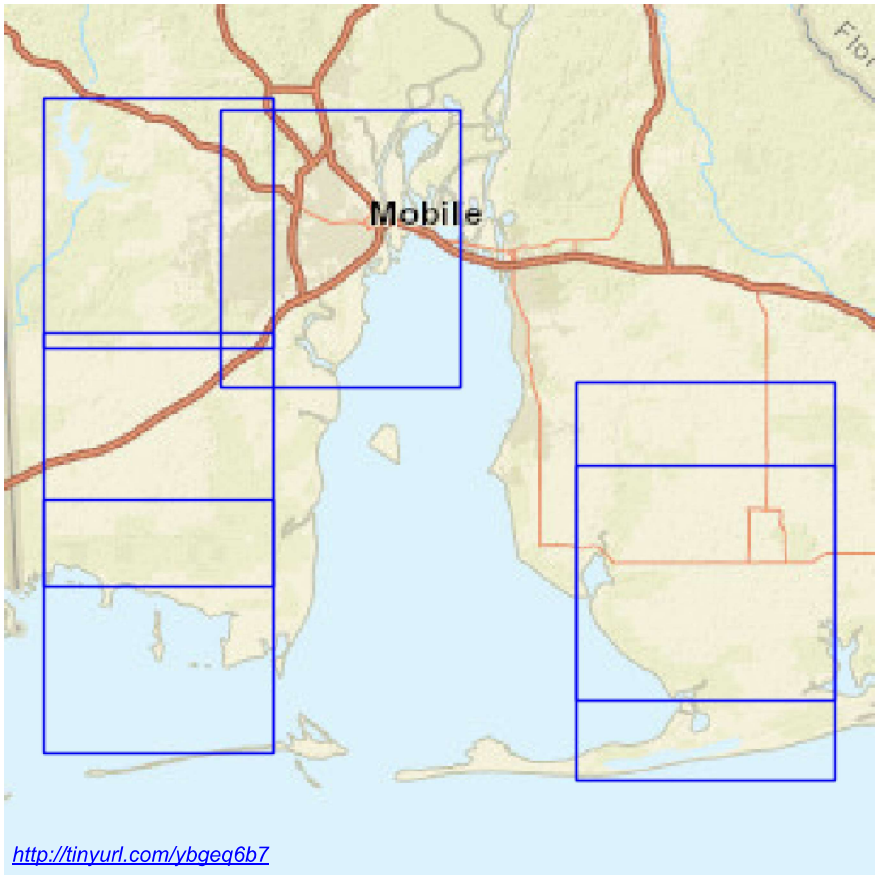
Request access:

https://hddsexplorer.usgs.gov/access/request?event=201810_Hurricane_Michael

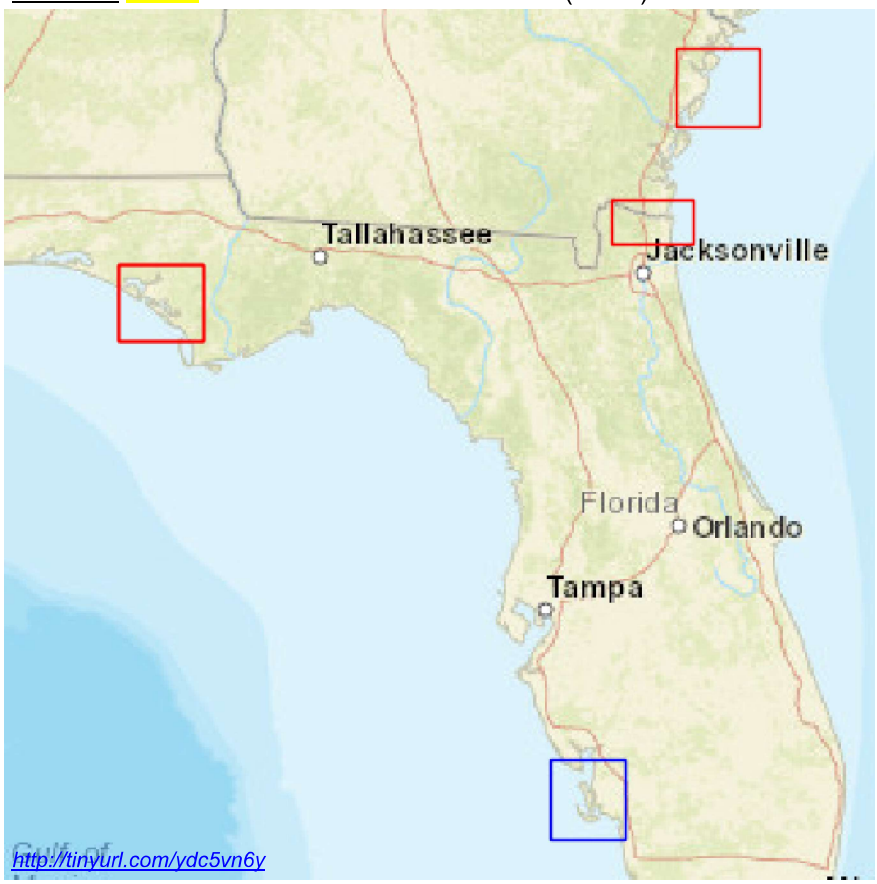
Platform: ***PLANET*** scenes from the last 48 hours (in red) and from the last 7 days (in blue) (***view in Voyager***)



Platform: ***PLEIADES*** scenes from the last 48 hours (in red) and from the last 7 days (in blue) (***view in Voyager***)

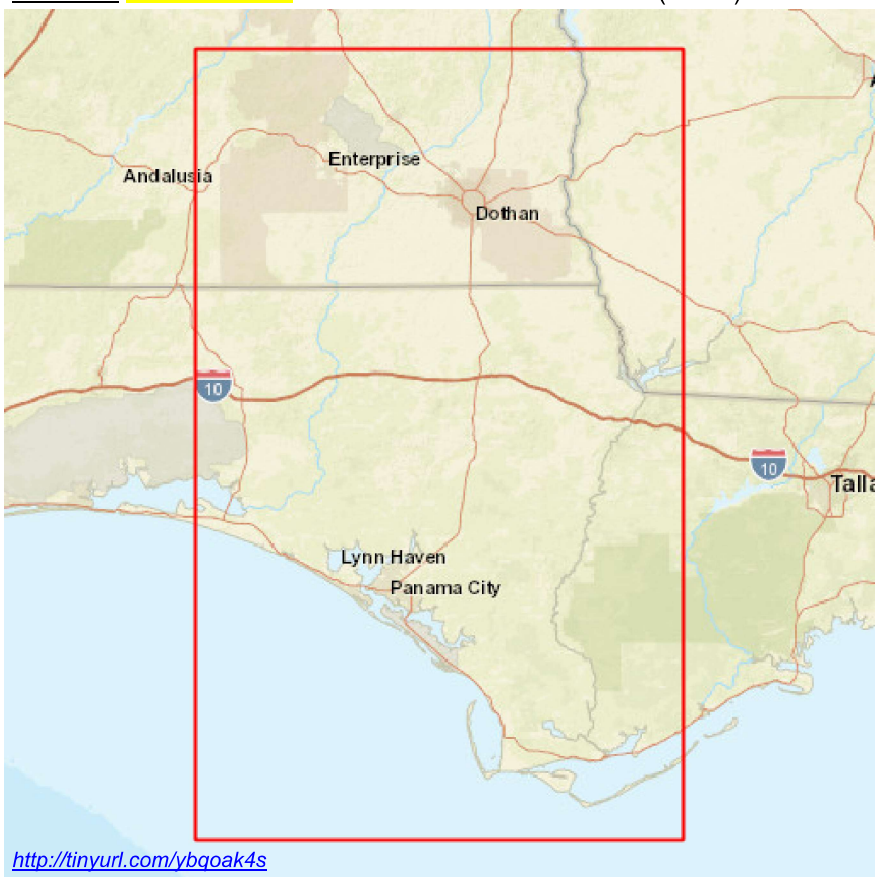


Platform: ***SPOT*** scenes from the last 48 hours (in red) and from the last 7 days (in blue) (***view in Voyager***)



Platform: ***MAP_PRODUCTS*** scenes from the last 48 hours (in red) and from the last 7 days (in blue) (***view in Voyager***)

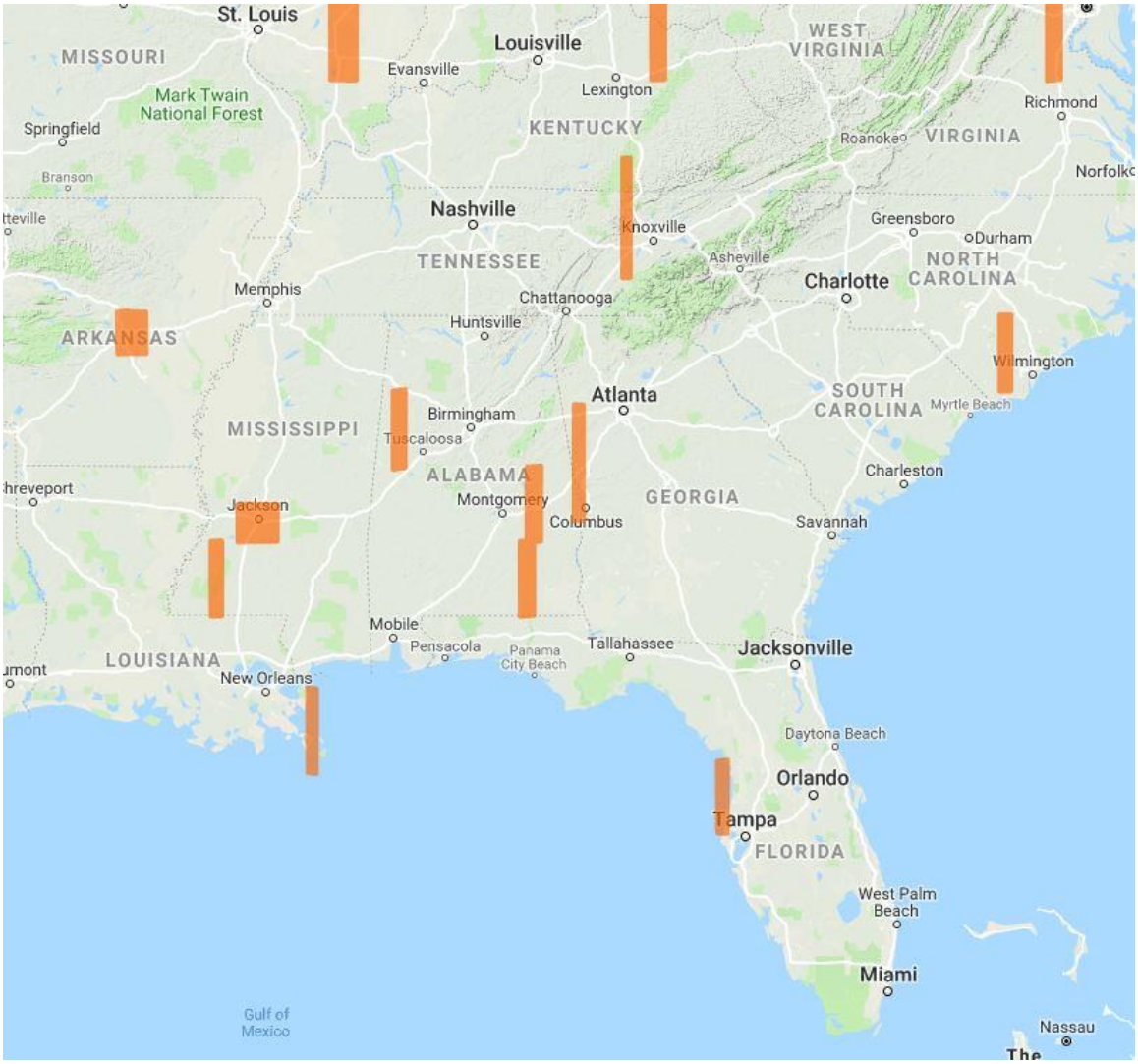
Platform: ***TERRASARX*** scenes from the last 48 hours (in red) and from the last 7 days (in blue) (***view in Voyager***)



End HDDS

Digital Globe Imagery

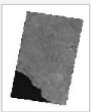
Digital Globe imagery is available orthorectified in the NGA funded EnhancedView Web Service. Users with .gov or.mil emails can self-register. https://evwhs.digitalglobe.com/myDigitalGlobe/



Eagle Vision

http://dev.evr2est.us/scenes/table and http://evr2est.us/

TSX_SAR_OTHERM_20181012_EV6_TSX1_SAR__GEC_RE___SC_S_SRA_20181012T113407_201810_Perry_US



Site	Eagle Vision 6	Platform	TSX
Serial Number	12Oct1812333	Image Type	Panchromatic
License	Disaster Relief	GSD	OTHER m
Mission	Perry, POST_HURRICANE_MICHAEL, FL, US	Acquisition Date	12Oct18 - 0130 America/Chicago

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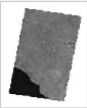
TSX_SAR_OTHERM_20181012_EV6_TSX1_SAR__EEC_RE___SC_S_SRA_20181012T113407_201810_Perry_US



Site	Eagle Vision 6	**Platform**	TSX
Serial Number	12Oct1812332	**Image Type**	Panchromatic
License	Disaster Relief	**GSD**	OTHER m
Mission	Perry, POST_HURRICANE_MICHAEL, FL, US	**Acquisition Date**	12Oct18 - 0130 America/Chicago

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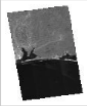
TSX_SAR_OTHERM_20181011_EV6_TDX1_SAR__GEC_RE___SC_S_SRA_20181011T235827_201810_Fort_Walton_B



Site	Eagle Vision 6	**Platform**	TSX
Serial Number	12Oct1812334	**Image Type**	Panchromatic
License	Disaster Relief	**GSD**	OTHER m
Mission	FORT_WALTON_BEACH, POST_HURRICANE_MICHAEL, FL, US	**Acquisition Date**	12Oct18 - 0130 America/Chicago

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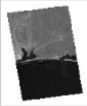
TSX_SAR_OTHERM_20181011_EV6_TDX1_SAR__EEC_RE___SC_S_SRA_20181011T235827_201810_Fort_Walton_Be



Site	Eagle Vision 6	**Platform**	TSX
Serial Number	12Oct1812331	**Image Type**	Panchromatic
License	Disaster Relief	**GSD**	OTHER m
Mission	FORT_WALTON_BEACH, POST_HURRICANE_MICHAEL, FL, US	**Acquisition Date**	12Oct18 - 0130 America/Chicago

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SP7_Multispectral_6M_20181011_EV4_ORTHO_TYNDALL_AFB_FL_US

Site	Eagle Vision 4	**Platform**	SPOT 7
Serial Number	11Oct1812326	**Image Type**	Multispectral
License	Disaster Relief	**GSD**	6 m
Mission	Tyndall_AFB, POST_HURRICANE_MICHAEL, FL, US	**Acquisition Date**	11Oct18 - 1054 America/Chicago

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SP7_Pansharpened_1_5M_20181011_EV4_ORTHO_TYNDALL_AFB_FL_US

Site	Eagle Vision 4	**Platform**	SPOT 7
Serial Number	11Oct1812325	**Image Type**	Multispectral
License	Disaster Relief	**GSD**	1_5 m
Mission	Tyndall_AFB, POST_HURRICANE_MICHAEL, FL, US	**Acquisition Date**	11Oct18 - 1054 America/Chicago

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SP7_Pan_1_5M_20181011_EV4_ORTHO_TYNDALL_AFB_FL_US

Site	Eagle Vision 4	**Platform**	SPOT 7
Serial Number	11Oct1812327	**Image Type**	Panchromatic
License	Disaster Relief	**GSD**	1_5 m
Mission	Tyndall_AFB, POST_HURRICANE_MICHAEL, FL, US	**Acquisition Date**	11Oct18 - 1054 America/Chicago

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SP7_Pansharpened_1_5M_20181011_EV6_ORTHO_16B_Yulee_US_47

Site	Eagle Vision 6	**Platform**	SPOT 7
Serial Number	11Oct1812329	**Image Type**	Multispectral
License	Disaster Relief	**GSD**	1_5 m
Mission	Yulee, POST_HURRICANE_MICHAEL, FL, US	**Acquisition Date**	11Oct18 - 1053 America/Chicago

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SP7_Pansharpened_1_5M_20181011_EV6_ORTHO_16B_Liberty_US_45

Site	Eagle Vision 6	**Platform**	SPOT 7
Serial Number	11Oct1812328	**Image Type**	Multispectral
License	Disaster Relief	**GSD**	1_5 m
Mission	Liberty, POST_HURRICANE_MICHAEL, GA, US	**Acquisition Date**	11Oct18 - 1053 America/Chicago

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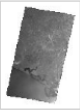
TSX_SAR_OTHERM_20181011_EV6_TDX1_SAR__GEC_RE___SC_S_SRA_20181011T115110_201810_Panama_City_U



Site	Eagle Vision 6	**Platform**	TSX
Serial Number	11Oct1812324	**Image Type**	Panchromatic
License	Disaster Relief	**GSD**	OTHER m
Mission	Panama_City, POST_HURRICANE_MICHAEL, FL, US	**Acquisition Date**	11Oct18 - 0247 America/Chicago

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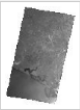
TSX_SAR_OTHERM_20181011_EV6_TDX1_SAR__EEC_RE___SC_S_SRA_20181011T115110_201810_Panama_City_U



Site	Eagle Vision 6	**Platform**	TSX
Serial Number	11Oct1812323	**Image Type**	Panchromatic
License	Disaster Relief	**GSD**	OTHER m
Mission	Panama_City, POST_HURRICANE_MICHAEL, FL, US	**Acquisition Date**	11Oct18 - 0245 America/Chicago

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Additional map services and journals:

[NEW] **NOAA Hx Michael Emergency Response Imagery Available 10/11/2018**
Data were collected along the coast from Mobile Bay to St. George Island, FL and over Panama City, FL.
Viewer:
https://storms.ngs.noaa.gov/storms/michael/index.html#8/30.209/-85.611
WMTS:
https://storms.ngs.noaa.gov/storms/tilesj/services/tileserver.php/wmts
Mosaic TIFF:
https://ngsstormviewer.blob.core.windows.net/downloads/20181011a_RGB.tar
Raw JPEGS (may be suitable for SFM along the outer coast):
https://ngsstormviewer.blob.core.windows.net/downloads/20181011a_jpgs.tar

[NEW] **NASA Disasters GIS Portal:**
https://maps.disasters.nasa.gov/arcgis/apps/PublicGallery/index.html?appid=026094d65f784548a0d46e0daeb8445f

FEMA Hurricane Journal and Map Services:
https://fema.maps.arcgis.com/apps/MapJournal/index.html?appid=97f53eb1c8724609ac6a0b1ae861f9b5

FEMA GIS Portal:
https://fema.maps.arcgis.com/apps/MinimalGallery/index.html?appid=6bd1d3fa669343eb87bf7a8a15f028c0

FEMA SFTP Public Data Site – Hurricane Michael:
https://disasters.geoplatform.gov/publicdata/NationalDisasters/HurricaneMichael/

NHC GIS Data:
https://www.nhc.noaa.gov/gis/

Hurricane Michael response: Google Crisis Map
[*Credit should be provided as "Google, Inc. 2018"*]
http://google.org/crisismap/google.com/2018-michael

Send comments, additions, and corrections to:
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brooke.hatcher@associates.fema.dhs.gov
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