

## 201608\_Flood\_US

### Geospatial Information and Remotely Sensed Imagery

#### Hazards Data Distribution System (HDDS)

<http://hddsexplorer.usgs.gov/>

Select Event: "201608\_Flood\_US" → click on "+" and then "Search"

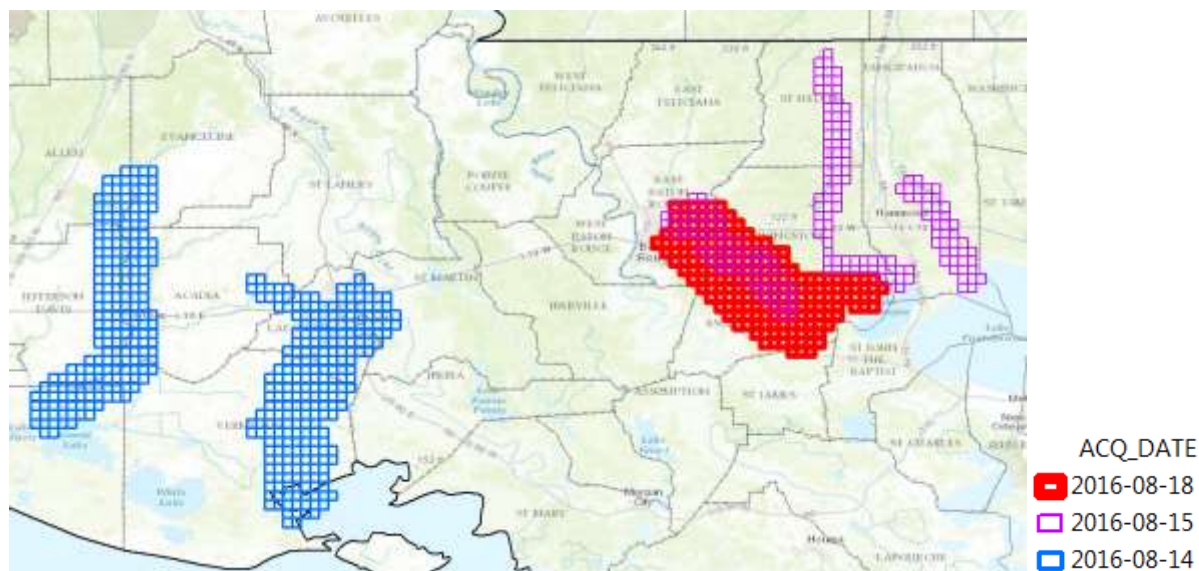
Download Shapefiles for image footprints

[http://hddsexplorer.usgs.gov/data/list/disaster/201608\\_Flood\\_US/shapefiles/index](http://hddsexplorer.usgs.gov/data/list/disaster/201608_Flood_US/shapefiles/index)

Note: For the HDDS links, copy the links and paste them into your browser.

More information about HDDS: <http://hdds.usgs.gov/hazards-data-distribution-system-hdds>

#### NOAA Aerial NAD83

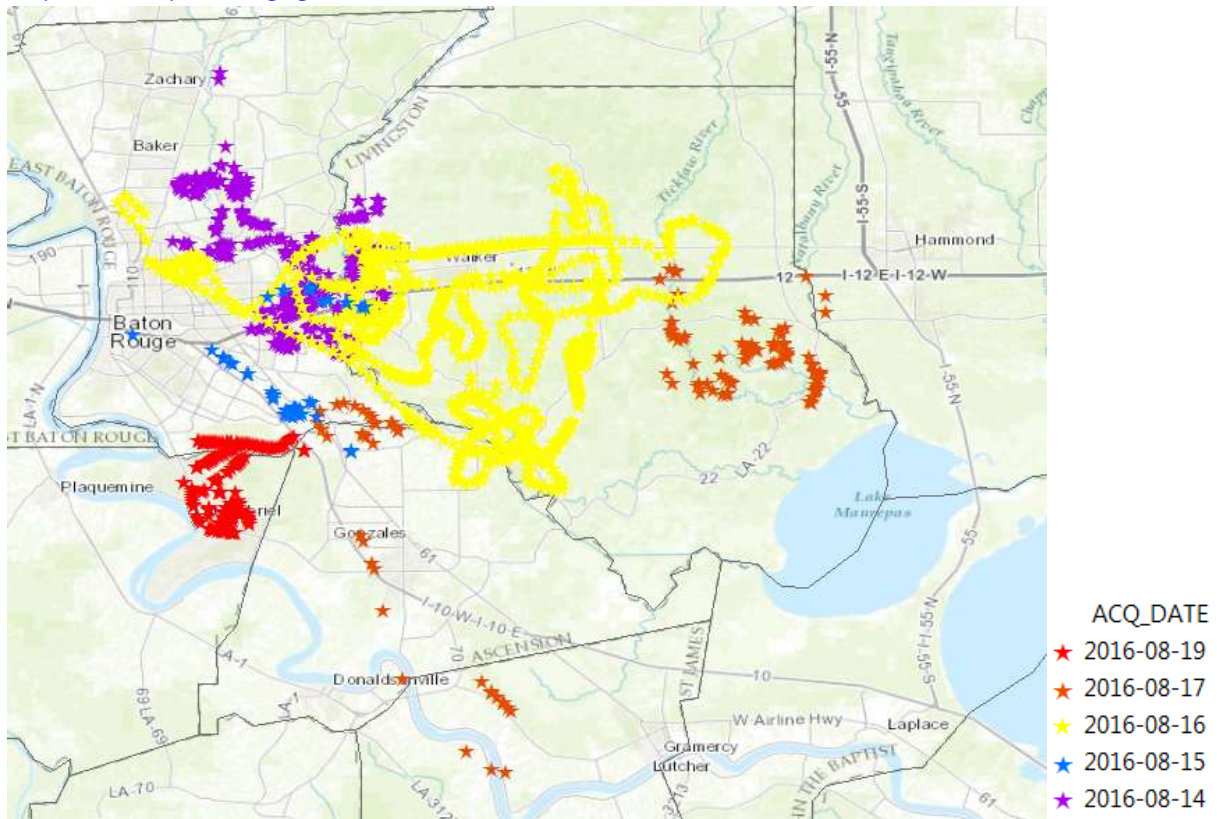


#### NOAA Aerial WGS84 (Frames)

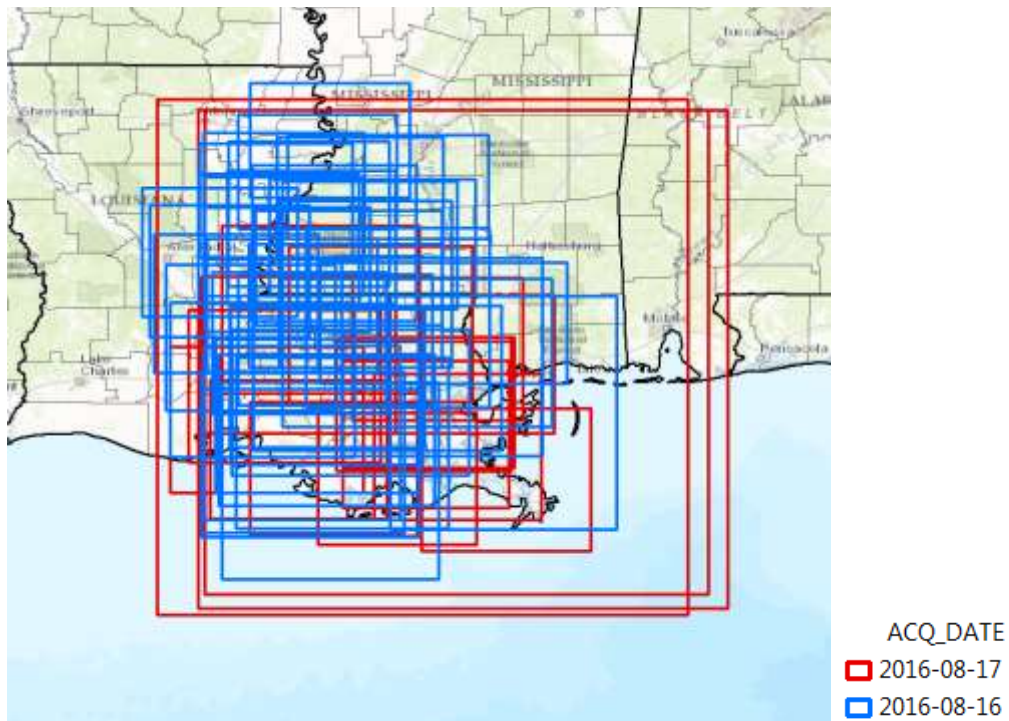


## Civil Air Patrol

[http://hddsexplorer.usgs.gov/data/list/disaster/201608\\_Flood\\_US/data/AERIAL\\_CAP](http://hddsexplorer.usgs.gov/data/list/disaster/201608_Flood_US/data/AERIAL_CAP)



## NASA ISS





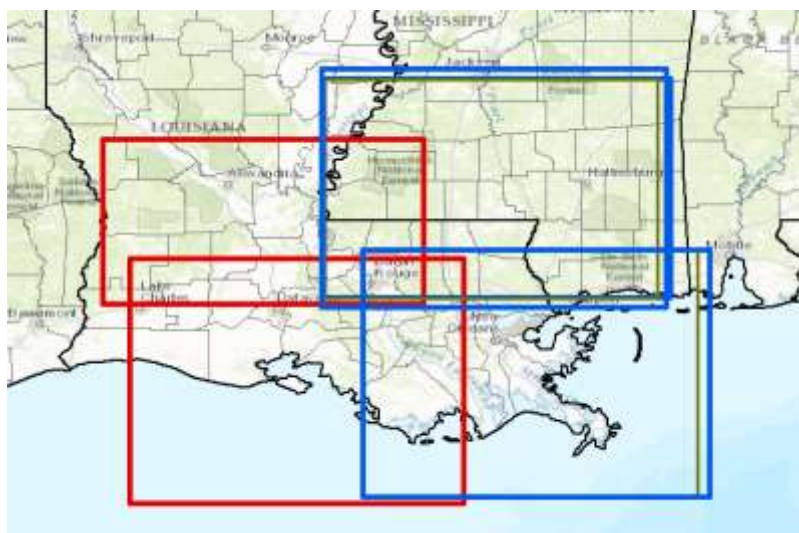
## Landsat 8



## Landsat 7



## Sentinel 1



## International Charter



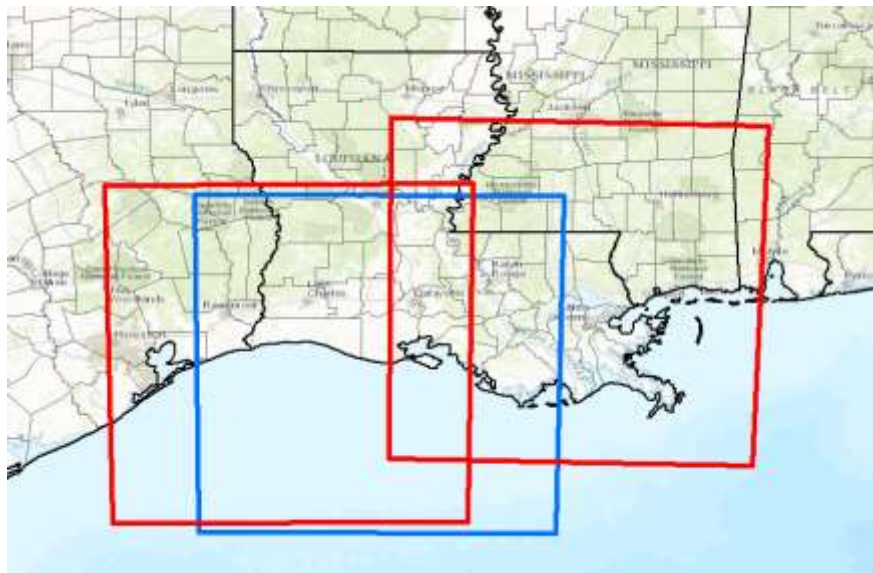
As Project Manager for the International Charter activation to support The August 2016 SE Louisiana flood response, Teresa Howard is tasked to provide the most meaningful information products generated for the activation for hosting on the Charter public website. Each product must bear the appropriate logos and copyrights, and be accompanied by a short one paragraph description (again including the appropriate copyrights).

When you create an information product that uses data provided by the International Charter, whether it's a map, KML, document or web site, please share your information with Teresa by email at

[howard@csr.utexas.edu](mailto:howard@csr.utexas.edu).

You can also contact Teresa if you have questions regarding the required copyrights or logos.

## DMCii (From International Charter)



ACQ\_DATE

2016-08-20

2016-08-17

## International Charter Products



## USGS Map Products WGS 84



Geotif products created from imagery acquired under International Charter

[http://hddsexplorer.usgs.gov/data/list/disaster/201608\\_Flood\\_US/data/MAP\\_PRODUCTS\\_USGS](http://hddsexplorer.usgs.gov/data/list/disaster/201608_Flood_US/data/MAP_PRODUCTS_USGS) ← Product location

[201608\\_Flood\\_US\\_MAP\\_PRODUCTS\\_USGS\\_WGS84.zip](#) ← Locator Shapefile



## USGS Map Products NAD83

Geotif products from JAXA imagery acquired under International Charter

[201608\\_Flood\\_US\\_MAP\\_PRODUCTS\\_USGS\\_NAD83.zip](#) ← Locator Shapefile





**Radarsat**



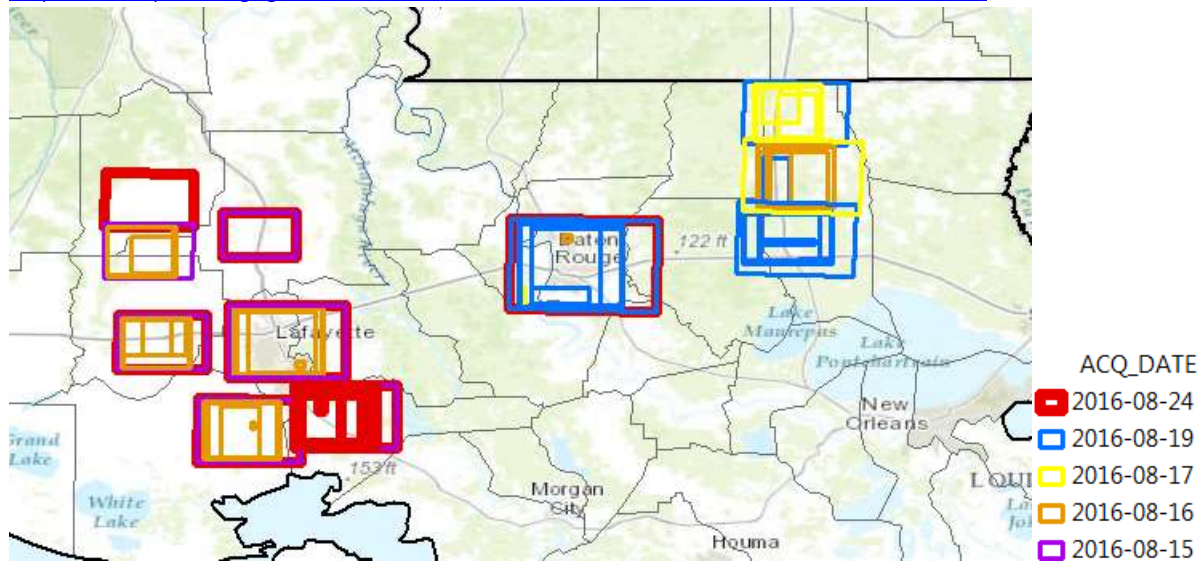
[http://hddsexplorer.usgs.gov/data/list/disaster/201608\\_Flood\\_US/data/MAP\\_PRODUCTS\\_CSA](http://hddsexplorer.usgs.gov/data/list/disaster/201608_Flood_US/data/MAP_PRODUCTS_CSA)



**ESA Copernicus**



[http://hddsexplorer.usgs.gov/data/list/disaster/201608\\_Flood\\_US/data/MAP\\_PRODUCTS\\_ESA](http://hddsexplorer.usgs.gov/data/list/disaster/201608_Flood_US/data/MAP_PRODUCTS_ESA)



Time series products with flood polygons.

#### Vector Maps - Crowley AOI

5 ESA Crowley Reference v1 Shapefiles (Aug03,2015) published

[http://hddsexplorer.usgs.gov/criteria?event=201608\\_Flood\\_US&ordered=201608\\_Flood\\_US\\_MAP\\_PRODUCTS\\_ESA\\_SHP\\_Crowley\\_Ref\\_v1\\_20150803&field=BATCH\\_NAME](http://hddsexplorer.usgs.gov/criteria?event=201608_Flood_US&ordered=201608_Flood_US_MAP_PRODUCTS_ESA_SHP_Crowley_Ref_v1_20150803&field=BATCH_NAME)

6 ESA Crowley Delineation v1 Shapefiles (Aug15) published

[http://hddsexplorer.usgs.gov/criteria?event=201608\\_Flood\\_US&ordered=201608\\_Flood\\_US\\_MAP\\_PRODUCTS\\_ESA\\_SHP\\_Crowley\\_Deline\\_v1\\_20160815&field=BATCH\\_NAME](http://hddsexplorer.usgs.gov/criteria?event=201608_Flood_US&ordered=201608_Flood_US_MAP_PRODUCTS_ESA_SHP_Crowley_Deline_v1_20160815&field=BATCH_NAME)

6 ESA Crowley Delineation Monit01 v1 Shapefiles (Aug16) published

[http://hddsexplorer.usgs.gov/criteria?event=201608\\_Flood\\_US&ordered=201608\\_Flood\\_US\\_MAP\\_PRODUCTS\\_ESA\\_SHP\\_Crowley\\_M1\\_v1\\_20160816&field=BATCH\\_NAME](http://hddsexplorer.usgs.gov/criteria?event=201608_Flood_US&ordered=201608_Flood_US_MAP_PRODUCTS_ESA_SHP_Crowley_M1_v1_20160816&field=BATCH_NAME)

6 ESA Crowley Delineation Monit02 v1 Shapefiles (Aug17) published

[http://hddsexplorer.usgs.gov/criteria?event=201608\\_Flood\\_US&ordered=201608\\_Flood\\_US\\_MAP\\_PRODUCTS\\_ESA\\_SHP\\_Crowley\\_M2\\_v1\\_20160817&field=BATCH\\_NAME](http://hddsexplorer.usgs.gov/criteria?event=201608_Flood_US&ordered=201608_Flood_US_MAP_PRODUCTS_ESA_SHP_Crowley_M2_v1_20160817&field=BATCH_NAME)

#### **Vector Maps - Eunice AOI**

5 ESA Eunice Reference v1 Shapefiles (Aug03,2015) published

[http://hddsexplorer.usgs.gov/criteria?event=201608\\_Flood\\_US&ordered=201608\\_Flood\\_US\\_MAP\\_PRODUCTS\\_ESA\\_SHP\\_Eunice\\_Ref\\_v1\\_20150803&field=BATCH\\_NAME](http://hddsexplorer.usgs.gov/criteria?event=201608_Flood_US&ordered=201608_Flood_US_MAP_PRODUCTS_ESA_SHP_Eunice_Ref_v1_20150803&field=BATCH_NAME)

6 ESA Eunice Delineation v1 Shapefiles (Aug15) published

[http://hddsexplorer.usgs.gov/criteria?event=201608\\_Flood\\_US&ordered=201608\\_Flood\\_US\\_MAP\\_PRODUCTS\\_ESA\\_SHP\\_Eunice\\_Deline\\_v1\\_20160815&field=BATCH\\_NAME](http://hddsexplorer.usgs.gov/criteria?event=201608_Flood_US&ordered=201608_Flood_US_MAP_PRODUCTS_ESA_SHP_Eunice_Deline_v1_20160815&field=BATCH_NAME)

6 ESA Eunice Delineation Monit01 v1 Shapefiles (Aug16) published

[http://hddsexplorer.usgs.gov/criteria?event=201608\\_Flood\\_US&ordered=201608\\_Flood\\_US\\_MAP\\_PRODUCTS\\_ESA\\_SHP\\_Eunice\\_Deline\\_M1\\_v1\\_20160816&field=BATCH\\_NAME](http://hddsexplorer.usgs.gov/criteria?event=201608_Flood_US&ordered=201608_Flood_US_MAP_PRODUCTS_ESA_SHP_Eunice_Deline_M1_v1_20160816&field=BATCH_NAME)

6 ESA Eunice Delineation Monit02 v1 Shapefiles (Aug17) published

[http://hddsexplorer.usgs.gov/criteria?event=201608\\_Flood\\_US&ordered=201608\\_Flood\\_US\\_MAP\\_PRODUCTS\\_ESA\\_SHP\\_Eunice\\_Deline\\_M2\\_v1\\_20160817&field=BATCH\\_NAME](http://hddsexplorer.usgs.gov/criteria?event=201608_Flood_US&ordered=201608_Flood_US_MAP_PRODUCTS_ESA_SHP_Eunice_Deline_M2_v1_20160817&field=BATCH_NAME)

#### **MAP PRODUCTS Dartmouth Flood Observatory**



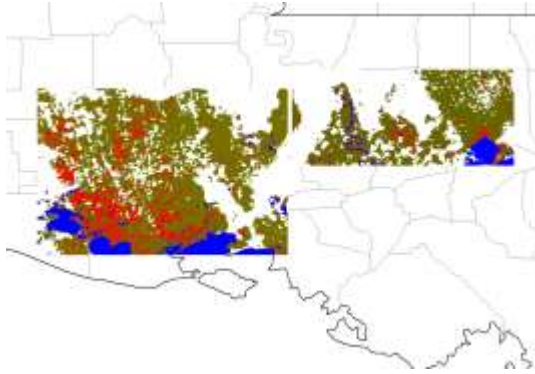
[http://hddsexplorer.usgs.gov/data/list/disaster/201608\\_Flood\\_US/data/MAP\\_PRODUCTS\\_DFO](http://hddsexplorer.usgs.gov/data/list/disaster/201608_Flood_US/data/MAP_PRODUCTS_DFO)



#### **Map Products NASA**



[http://hddsexplorer.usgs.gov/data/list/disaster/201608\\_Flood\\_US/data/MAP\\_PRODUCTS\\_NASA](http://hddsexplorer.usgs.gov/data/list/disaster/201608_Flood_US/data/MAP_PRODUCTS_NASA)



**NEW**

[http://hddsexplorer.usgs.gov/data/list/disaster\\_restricted/201608\\_Flood\\_US/data/SATELLITE/NON\\_INGESTED/WORLDDVIEW\\_TRUE\\_COLOR\\_NASA](http://hddsexplorer.usgs.gov/data/list/disaster_restricted/201608_Flood_US/data/SATELLITE/NON_INGESTED/WORLDDVIEW_TRUE_COLOR_NASA)



[http://hddsexplorer.usgs.gov/data/list/disaster/201608\\_Flood\\_US/data/MAP\\_PRODUCTS\\_NGA](http://hddsexplorer.usgs.gov/data/list/disaster/201608_Flood_US/data/MAP_PRODUCTS_NGA)

[MR00N30\\_497433W090\\_807370201608190000000000OL00\\_G0000000000.zip](#) ← Shapefiles

[MR00N30\\_245106W091\\_4425272016081900000000MR00\\_GU0000000000.zip](#) ← PDF Flood Assessment



Self-Register for HDDS Restricted. <http://hddsexplorer.usgs.gov/>

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.)

Questions on HDDS Contact: Brenda Jones [bkjones@usqs.gov](mailto:bkjones@usqs.gov)

## WorldView

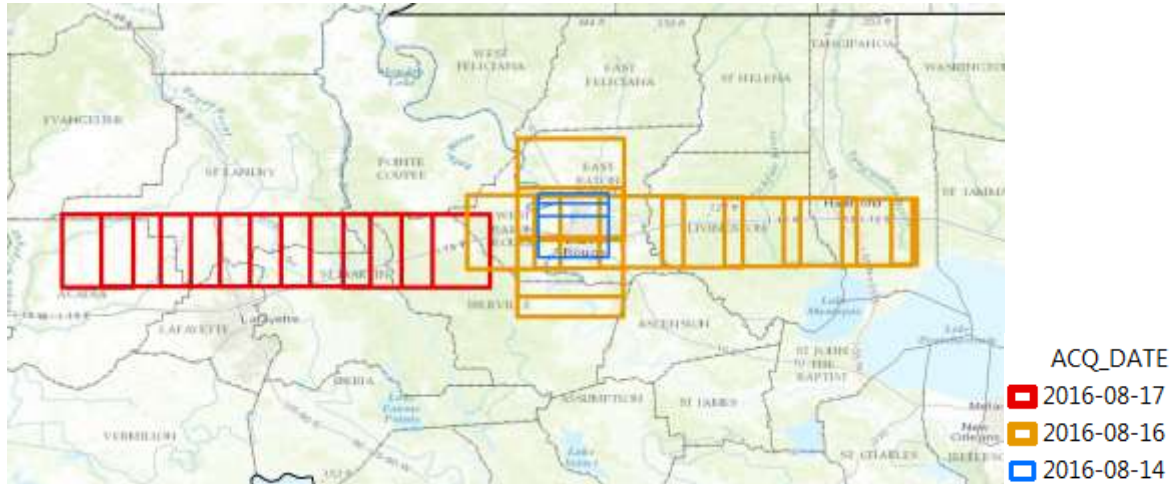
[http://hddsexplorer.usgs.gov/data/list/disaster\\_restricted/201608\\_Flood\\_US/data/WORLDDVIEW\\_NGA](http://hddsexplorer.usgs.gov/data/list/disaster_restricted/201608_Flood_US/data/WORLDDVIEW_NGA)



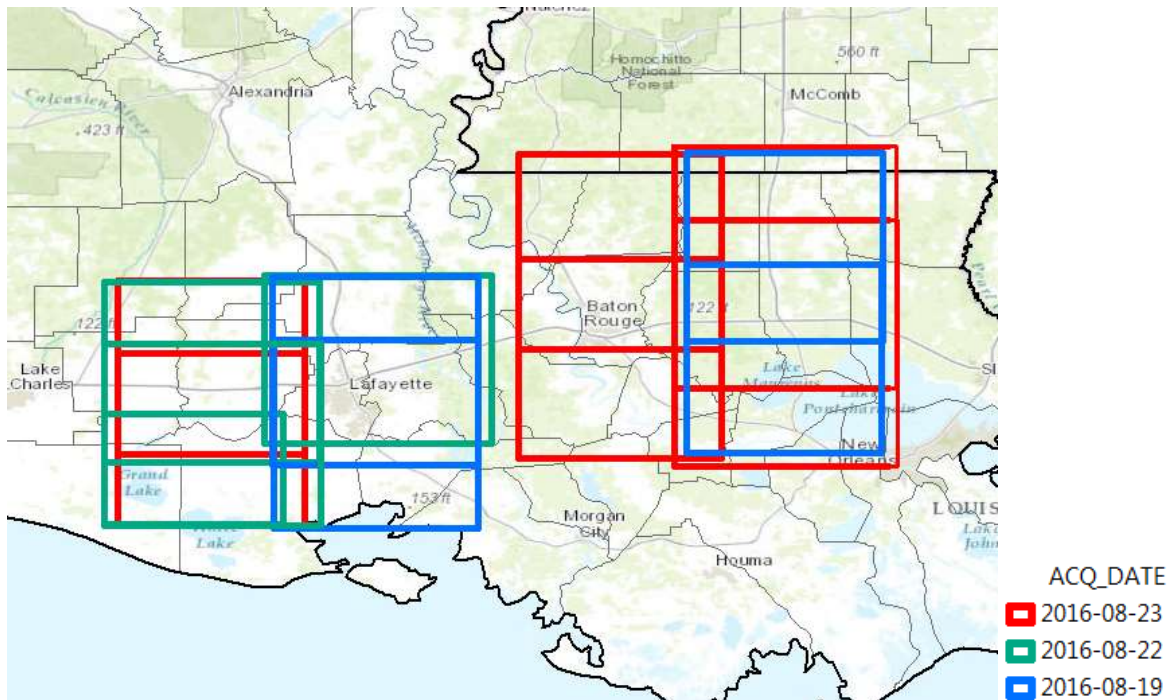


## GeoEye

[http://hddsexplorer.usgs.gov/data/list/disaster\\_restricted/201608\\_Flood\\_US/data/GEOEYE\\_NGA](http://hddsexplorer.usgs.gov/data/list/disaster_restricted/201608_Flood_US/data/GEOEYE_NGA)



## SPOT



## Restricted/Non Ingested

### PLEIADES NEW

[http://hddsexplorer.usgs.gov/data/list/disaster\\_restricted/201608\\_Flood\\_US/data/SATELLITE/NON\\_INGESTED/PLEIADES](http://hddsexplorer.usgs.gov/data/list/disaster_restricted/201608_Flood_US/data/SATELLITE/NON_INGESTED/PLEIADES)

### WV2 and WV3 PAN NEW

[http://hddsexplorer.usgs.gov/data/list/disaster\\_restricted/201608\\_Flood\\_US/data/SATELLITE/NON\\_INGESTED](http://hddsexplorer.usgs.gov/data/list/disaster_restricted/201608_Flood_US/data/SATELLITE/NON_INGESTED)

### TerraSAR-X NEW



[http://hddsexplorer.usgs.gov/data/list/disaster\\_restricted/201608\\_Flood\\_US/data/SATELLITE/NON\\_INGESTED/TERRASAR\\_X\\_DLR](http://hddsexplorer.usgs.gov/data/list/disaster_restricted/201608_Flood_US/data/SATELLITE/NON_INGESTED/TERRASAR_X_DLR)

## JAXA\_PALSAR2



[http://hddsexplorer.usgs.gov/data/list/disaster\\_restricted/201608\\_Flood\\_US/data/SATELLITE/NON\\_INGESTED/JAXA](http://hddsexplorer.usgs.gov/data/list/disaster_restricted/201608_Flood_US/data/SATELLITE/NON_INGESTED/JAXA)

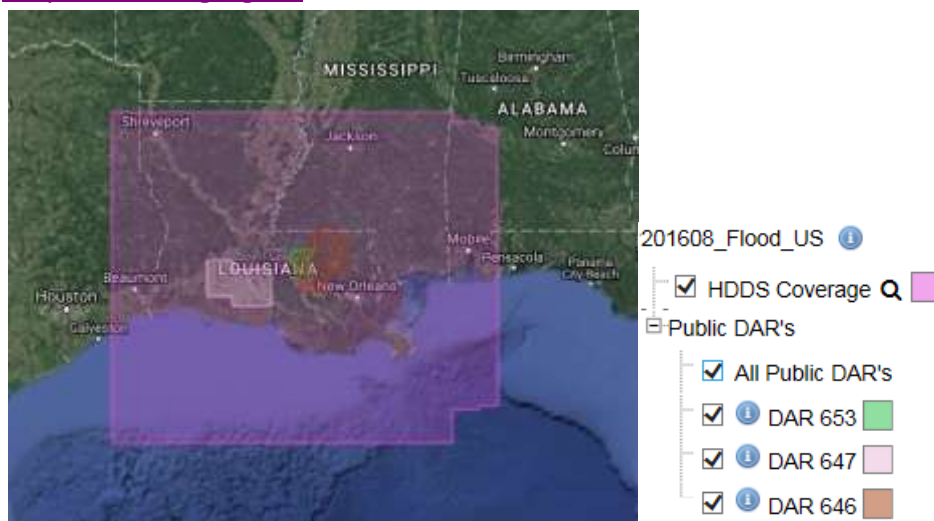
## KARI\_KOMPSAT5



[http://hddsexplorer.usgs.gov/data/list/disaster\\_restricted/201608\\_Flood\\_US/data/SATELLITE/NON\\_INGESTED/KARI](http://hddsexplorer.usgs.gov/data/list/disaster_restricted/201608_Flood_US/data/SATELLITE/NON_INGESTED/KARI)

## HDDS Emergency Operations - Collection Management Tool (area of interest for imagery collections)

<http://cmt.usgs.gov/>



## End HDDS

## NOAA / FEMA

Yesterday's flight of the South Louisiana AOIs, for Bayou Vermilion and Vermilion River - Major Flooding (Crest 8/14 North; 8/15 South) and Bayou Nezpique and Mermentau River - Major Flooding (Crest 8/16). NOAA RSD began flights on 8/14/2016, per the FEMA Mission Assignment and expects to complete the follow-on AOIs as weather permits. Weather has precluded us from collecting more imagery and we are willing to wait until weather improves however, the sky cover forecasts and local observations are not favorable.

### Bulk downloads:

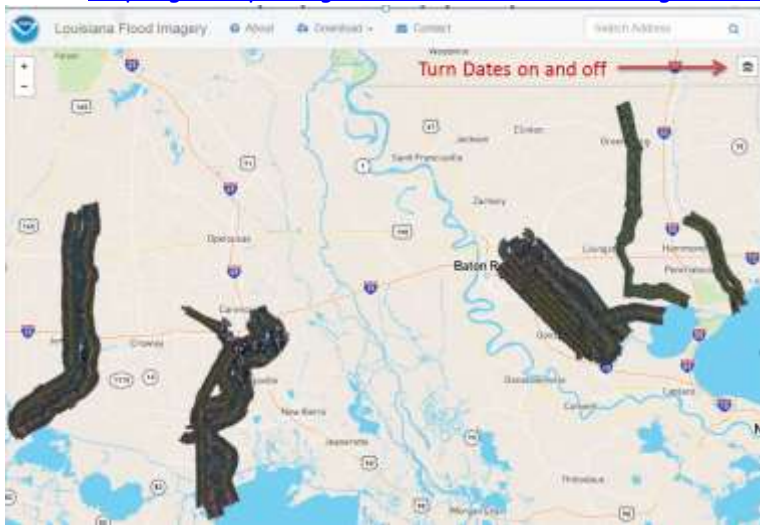
- **Aug 14:**  
[https://ngsstoragepublicstr.blob.core.windows.net/download/20160814a\\_JpegTiles\\_GCS\\_NAD83.tar](https://ngsstoragepublicstr.blob.core.windows.net/download/20160814a_JpegTiles_GCS_NAD83.tar)
- **Aug 15 Nadir:**  
[https://ngsstoragepublicstr.blob.core.windows.net/download/20160815aJpegTiles\\_GCS\\_NAD83.tar](https://ngsstoragepublicstr.blob.core.windows.net/download/20160815aJpegTiles_GCS_NAD83.tar)
- **Aug 15 Oblique:**  
<https://ngsstoragepublicstr.blob.core.windows.net/download/20160815obOblique.tar>
- **Aug 18:**  
[https://ngsstoragepublicstr.blob.core.windows.net/download/20160818aJpegTiles\\_GCS\\_NAD83.tar](https://ngsstoragepublicstr.blob.core.windows.net/download/20160818aJpegTiles_GCS_NAD83.tar)



**Web Map Tile Service:** <http://ngs-storm-viewer-web.azurewebsites.net/storms/tilesa/services/tileserv.php?wmts>

**WMTS Layer names:** 20160814\_RGB, 20160815\_MOS, and 20160818\_RGB

**Web Viewer:** [http://geodesy.noaa.gov/storm\\_archive/storms/aug2016\\_lafloods/index.html](http://geodesy.noaa.gov/storm_archive/storms/aug2016_lafloods/index.html)



Additional areas flown on August 18. In some area (e.g. Baton Rouge) you can toggle between August 15 and August 18,

## NOAA Swipe Before and after imagery

<http://oceanservice.noaa.gov/news/aug16/louisiana-flooding.html>

## ESRI Louisiana Swipe Map Using NOAA Aerial

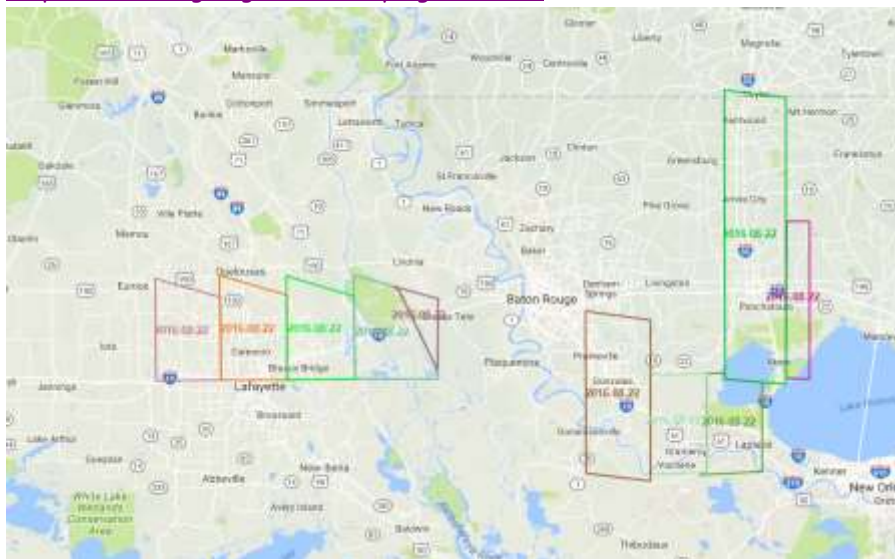
NEW

<http://disasterresponse.maps.arcgis.com/apps/StorytellingSwipe/index.html?appid=2e499ec7eb784237bd70fb16ae0f5dcf#>

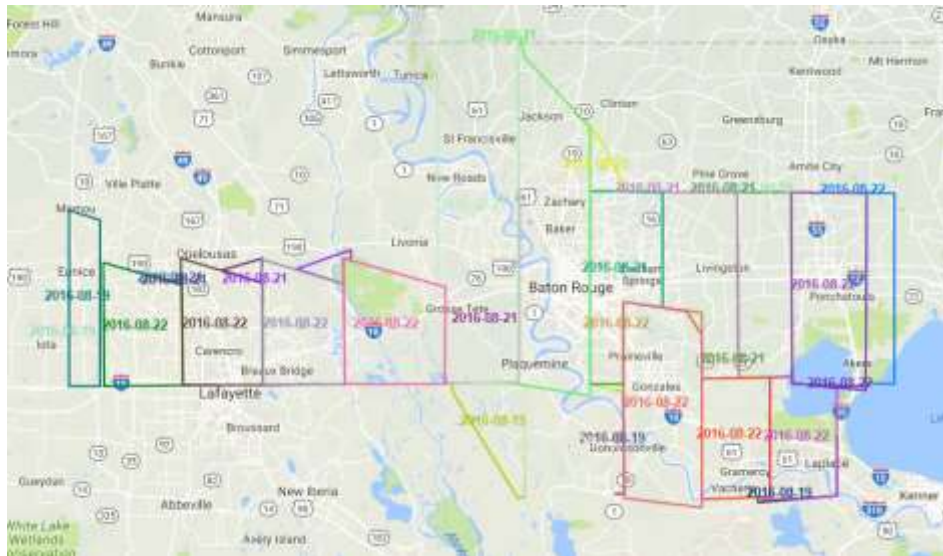
## Digital Globe Imagery

Digital Globe imagery is available orthorectified in the NGA funded EnhancedView Web Service. Users with .gov or .mil emails can self-register.

<https://evws.digitalglobe.com/myDigitalGlobe/>










Imagery available from 22 August 2016



Imagery available for the last 7 days.

## Eagle Vision

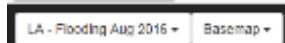
<http://dev.evr2est.us/scenes/table> and <http://evr2est.us/>

	Eagle Vision 6	<a href="#">Goodyear</a> <a href="#">LA</a> <a href="#">US</a>	<a href="#">Disaster Relief</a>	SPOT 6	6 m	23Aug16 - 1135 America/Chicago
	Eagle Vision 6	<a href="#">Iota</a> <a href="#">LA</a> <a href="#">US</a>	<a href="#">Disaster Relief</a>	SPOT 8	6 m	23Aug16 - 1135 America/Chicago
	Eagle Vision 6	<a href="#">Oak Grove</a> <a href="#">LA</a> <a href="#">US</a>	<a href="#">Disaster Relief</a>	SPOT 8	6 m	23Aug16 - 1134 America/Chicago
	Eagle Vision 6	<a href="#">Slaughter</a> <a href="#">LA</a> <a href="#">US</a>	<a href="#">Disaster Relief</a>	SPOT 8	6 m	23Aug16 - 1134 America/Chicago
	Eagle Vision 6	<a href="#">Independence2</a> <a href="#">LA</a> <a href="#">US</a>	<a href="#">Disaster Relief</a>	SPOT 8	6 m	23Aug16 - 1134 America/Chicago
	Eagle Vision 6	<a href="#">Independence</a> <a href="#">LA</a> <a href="#">US</a>	<a href="#">Disaster Relief</a>	SPOT 8	6 m	23Aug16 - 1134 America/Chicago
	Eagle Vision 6	<a href="#">Ponchartraine</a> <a href="#">LA</a> <a href="#">US</a>	<a href="#">Disaster Relief</a>	SPOT 6	6 m	23Aug16 - 1134 America/Chicago

## FEMA CAP Imagery Viewer

The Select Event "LA - Flooding Aug 2016" works:

<http://apps.fema.gov/ImageEventsPublic/map.html>

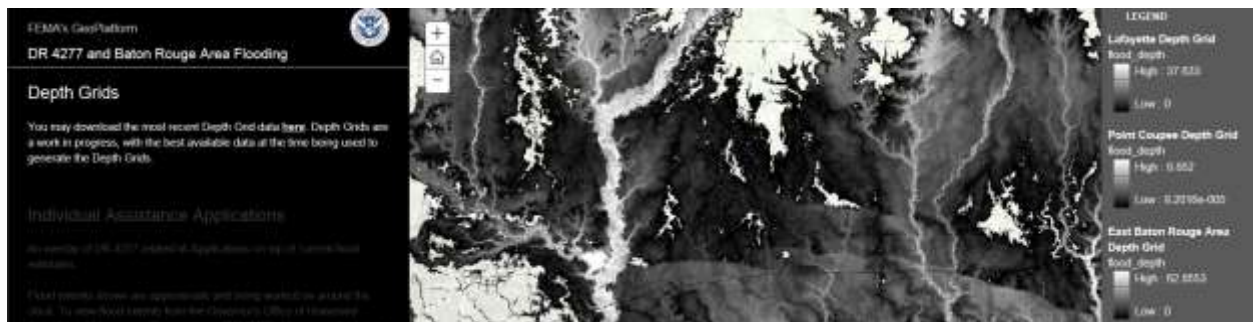
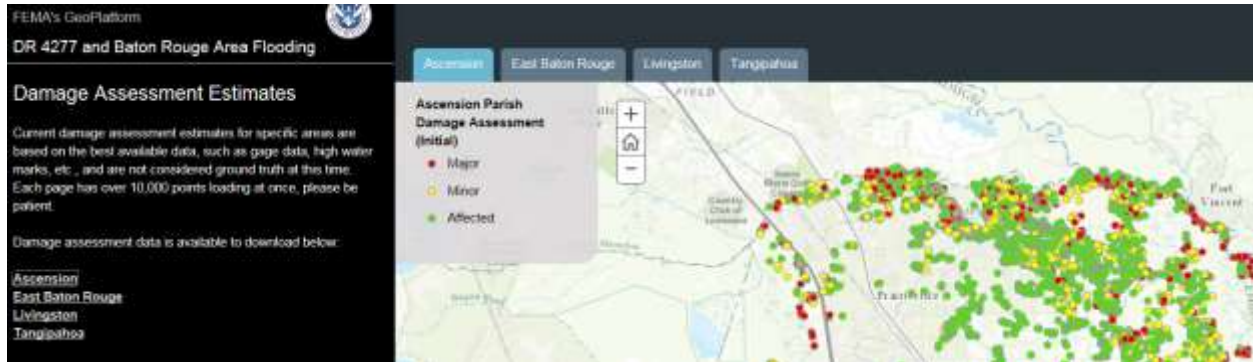




If you use the select function for LA - Flooding Aug 2106, the green markers are from 8/14/2016, 8/15/2016, 8/16/2016, 8/17/2016, and 8/19/2016.

## FEMA DR477 Journal

<http://fema.maps.arcgis.com/apps/MapJournal/index.html?appid=efb5b1121e344e919784a2386c90ea01>





FEMA CAP imagery on GeoPlatform

### FEMA Rest Services

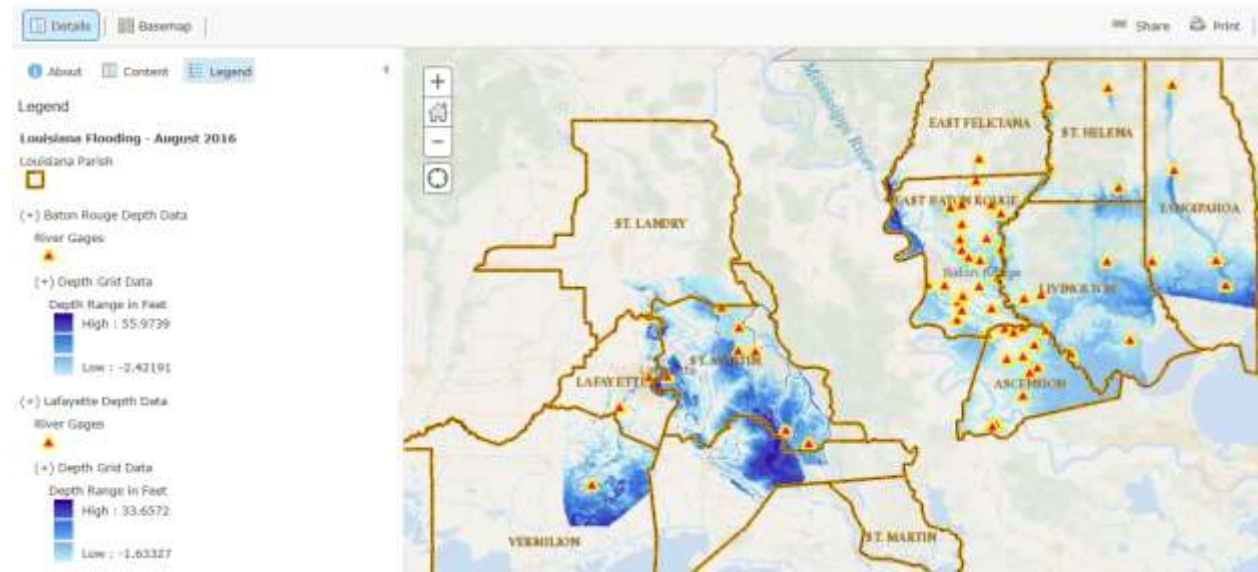
<https://gis.fema.gov/REST/services/FEMA>

### FEMA initial flood extents



[https://data.fema.com/DR4277\\_Severe\\_Storms\\_Flooding\\_LA/](https://data.fema.com/DR4277_Severe_Storms_Flooding_LA/)

Home Louisiana Flooding - August 2016



<http://fema.maps.arcgis.com/home/webmap/viewer.html?webmap=c72ffb6af7884c199357bec4a950ee5e>

### FEMA conservative gage/depth analysis



This will be the authoritative source as high water marks are collected and processed.

<http://fema.maps.arcgis.com/home/item.html?id=c72ffb6af7884c199357bec4a950ee5e#overview>

<http://fema.maps.arcgis.com/home/item.html?id=c72ffb6af7884c199357bec4a950ee5e#overview>

### FEMA flood data created by Dewberry



[https://data.fema.com/DR4277\\_Severe\\_Storms\\_Flooding\\_LA/](https://data.fema.com/DR4277_Severe_Storms_Flooding_LA/)

### City of Baton Rouge

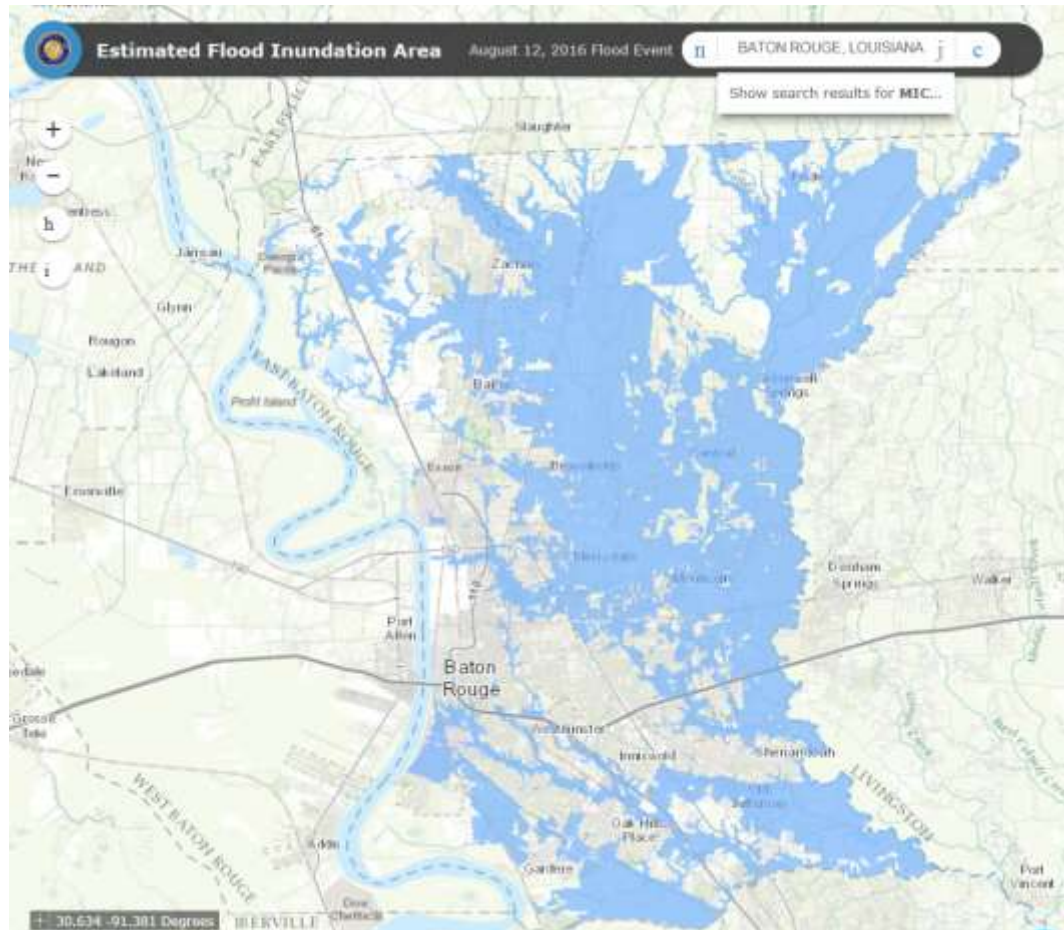


Estimated flood inundation area web map. <http://gis.brla.gov/flood>

They intend on collecting public feedback, address all feedback and publish a new estimated inundation layer at the close of business each day.

Also, we are now keeping track of debris collection operations in the app:

<http://gis.brla.gov/debris>



Baton Rouge Debris collection operations in the app: <http://gis.brla.gov/debris>

LSU via GOSHEP: 

<http://services1.arcgis.com/fXHQyq63uOUstESM/ArcGIS/rest/services>

Services:

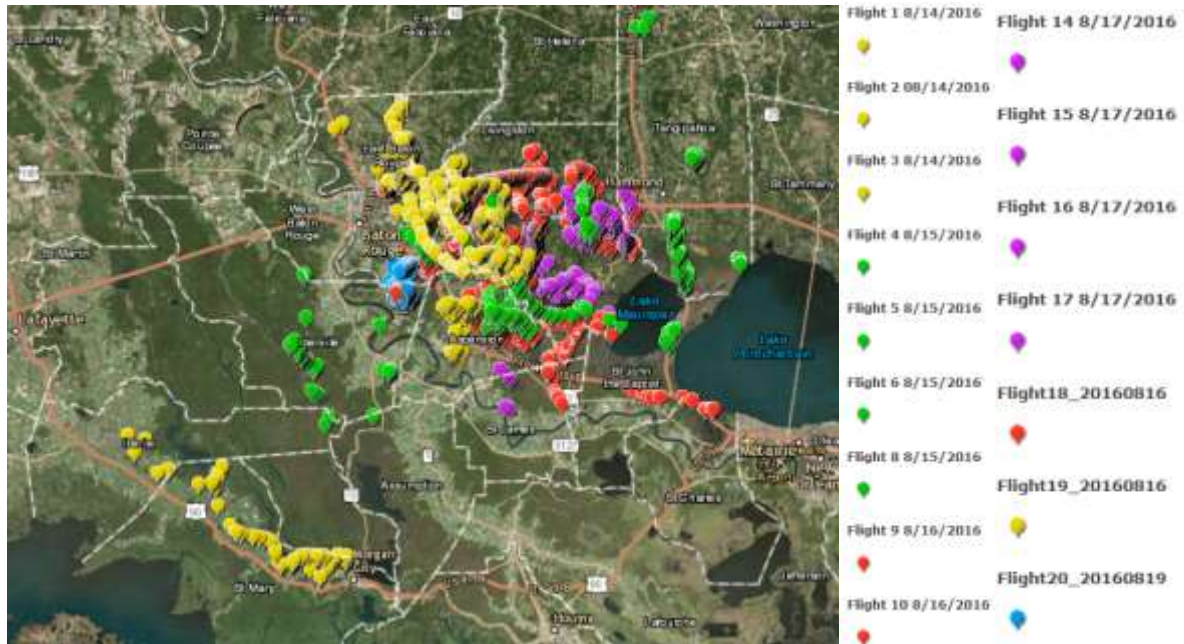
- [AllFlights\\_story](#) (FeatureServer)
- [Ascension Flood Estimate 20160815A](#) (FeatureServer)
- [Assumption Flood Estimate 20160816A](#) (FeatureServer)
- [CAP Flight 1 20160814](#) (FeatureServer)
- [CAP Flight 10 20160816](#) (FeatureServer)
- [CAP Flight 2 20160814](#) (FeatureServer)
- [CAP Flight 3 20160814](#) (FeatureServer)
- [CAP Flight 4 20160815](#) (FeatureServer)
- [CAP Flight 5 20160815](#) (FeatureServer)
- [CAP Flight 6 20160815](#) (FeatureServer)
- [CAP Flight 8 20160815](#) (FeatureServer)
- [CAP Flight 9 20160816](#) (FeatureServer)
- [Daycare Status](#) (FeatureServer)
- [East Feliciana Flood Estimate 20160816A](#) (FeatureServer)
- [EBR Flood Estimate 20160815A](#) (FeatureServer)
- [eC8Gx](#) (FeatureServer)
- [FirstNet\\_Comments](#) (FeatureServer)

- [Flight 11 20160814](#) (FeatureServer)
- [Flight 12 20160815](#) (FeatureServer)
- [Flight 13 20160816](#) (FeatureServer)
- [Flight 14 20160817](#) (FeatureServer)
- [Flight 15 20160817](#) (FeatureServer)
- [Flight 16 20160817](#) (FeatureServer)
- [Flight 17 20160817](#) (FeatureServer)
- [Flight 18 20160816](#) (FeatureServer)
- [Flight19 20160816](#) (FeatureServer)
- [Flight20 20160819](#) (FeatureServer)
- [Flight21 20160820](#) (FeatureServer) ← 20 August not on HDDS
- [Flight22 20160820](#) (FeatureServer)
- [Flood\\_Depth\\_Single\\_Polys](#) (FeatureServer)
- [FwF4o](#) (FeatureServer)
- [Iberia\\_Flood\\_Estimate\\_20160816A](#) (FeatureServer)
- [Iberville\\_Flood\\_Estimate\\_20160816A](#) (FeatureServer)
- [Lafayette\\_Flood\\_Estimate\\_20160816A](#) (FeatureServer)
- [Lake\\_Arthur\\_Flood\\_Estimate\\_20160815A](#) (FeatureServer)
- [Livingston\\_Flood\\_Estimate\\_20160815A](#) (FeatureServer)
- [Parishes\\_LDOTD\\_2007](#) (FeatureServer)
- [PhotoSurveys](#) (FeatureServer)
- [Pointe\\_Coupee\\_Flood\\_Estimate\\_20160816A](#) (FeatureServer)
- [St\\_Helena\\_Flood\\_Estimate\\_20160815A](#) (FeatureServer)
- [St\\_Landry\\_Flood\\_Estimate\\_20160816A](#) (FeatureServer)
- [St\\_Martin\\_Flood\\_Estimate\\_20160816A](#) (FeatureServer)
- [Store\\_Status\\_Crowdsourcing\\_Polling](#) (FeatureServer)
- [Stores](#) (FeatureServer)
- [Tangipahoa\\_Flood\\_Estimate\\_20160815A](#) (FeatureServer)
- [Vermilion\\_Flood\\_Estimate\\_20160816A](#) (FeatureServer)
- [West\\_Feliciana\\_Flood\\_Estimate\\_20160816A](#) (FeatureServer)

## LA Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP)

**CAP ArcGIS Viewer** <https://www.arcgis.com/home/webmap/viewer.html?webmap=d550df47bc4949eea7d6898d1dfc1a16&extent=-92.2374,29.4127,-89.5458,31.339>





## Dartmouth Flood Observatory

USA Flooding, August 1-August 16, 2016 from NASA MODIS (August 1-18), NASA/NOAA VIIRS (August 15-17), Radarsat 2 (August 15); EO-1 (August 16), and Copernicus (COSMO-SkyMed, August 15, 2016). August 18, 2016).

<http://floodobservatory.colorado.edu/Events/2016USA4388/2016USA4388.html>




The .shp or MapInfo flood polygons, also Geotifs and kmz versions.

<http://floodobservatory.colorado.edu/Events/2016USA4388/GISFiles/>

- [MapInfo/](#)
- [Shp/](#)
- [Copernicus/](#)
- [Sanmei Li GMU/](#)

## NASA

NASA JPL ARIA products created from ALOS-2 and Radarat-2 

[http://aria-share.jpl.nasa.gov/events/20160816-Louisiana\\_Floods/FPM/](http://aria-share.jpl.nasa.gov/events/20160816-Louisiana_Floods/FPM/)

KMZ file that contains flood extent maps derived from ALOS-2 data.

[http://aria-share.jpl.nasa.gov//events/20160816-Louisiana\\_Floods/FPM/FPM\\_ALOS-2\\_2016-08-18\\_v0.5.kmz](http://aria-share.jpl.nasa.gov//events/20160816-Louisiana_Floods/FPM/FPM_ALOS-2_2016-08-18_v0.5.kmz)

EO-1 image 17 August 2016

<https://matsu.opensciencedatacloud.org/ao1/upload/ceosdrm/>

Download the kmz file named Baton Rouge EO1....

NGA 

**Rest Services**

[http://ngamaps.geointapps.org/arcgis/rest/services/Louisiana\\_Flooding/Latest\\_Assessments\\_Louisiana/MapServer](http://ngamaps.geointapps.org/arcgis/rest/services/Louisiana_Flooding/Latest_Assessments_Louisiana/MapServer)

**WMS**

[http://ngamaps.geointapps.org/arcgis/rest/services/Louisiana\\_Flooding/Latest\\_Assessments\\_Louisiana/MapServer/WMServer?request=GetCapabilities&service=WMS](http://ngamaps.geointapps.org/arcgis/rest/services/Louisiana_Flooding/Latest_Assessments_Louisiana/MapServer/WMServer?request=GetCapabilities&service=WMS)

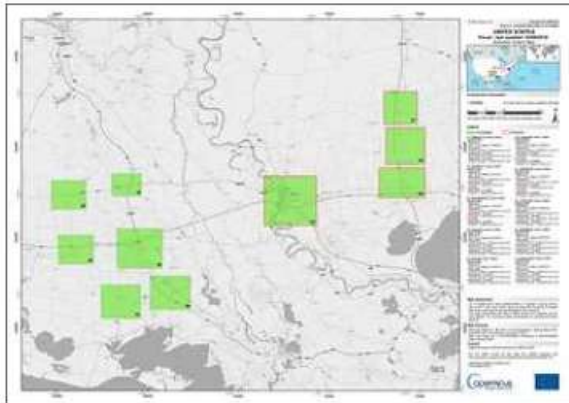
## International Charter Space and Major Disasters

The International Charter Space and Major Disasters was activated by US Geological Survey on behalf of the State of Louisiana for flooding in southern Louisiana . Products will be posted on the Charter website:

<http://www.disasterscharter.org>

## Copernicus Emergency Management Service

<http://emergency.copernicus.eu/mapping/list-of-components/EMSR176>



EMSR176 - Activation Extent Map





**High Water Marks:** There should be data for the event towards the end of the week.



<http://water.usgs.gov/floods/FEV/>

The event ID for this one is:

event\_id>129</event\_id>

<event\_name>Louisiana August 2016</event\_name>

## Water related Maps and GIS Data

<http://water.usgs.gov/maps.html>

<http://waterdata.usgs.gov/nwis/rt>

## Humanity Road

<http://humanityroad.org/auglaflood/>

## Social Media from Tom Malmay

- **Geofeedia**  
<https://maps.geofeedia.com/embed.php?guid=YWlxOGY3ZWZhNGFhZDM2ZmYzZDg3MjIhMmVhNTAwOWVhNDEONGQ1MA==>
- **Storify** [https://storify.com/Tom\\_Malmay/south-louisiana-flooding](https://storify.com/Tom_Malmay/south-louisiana-flooding)
- **ArcGIS** <http://malma.maps.arcgis.com/apps/LiveMaps/index.html?appid=f1d7a03c87e64ab6a10ad3f5c82ccdca>

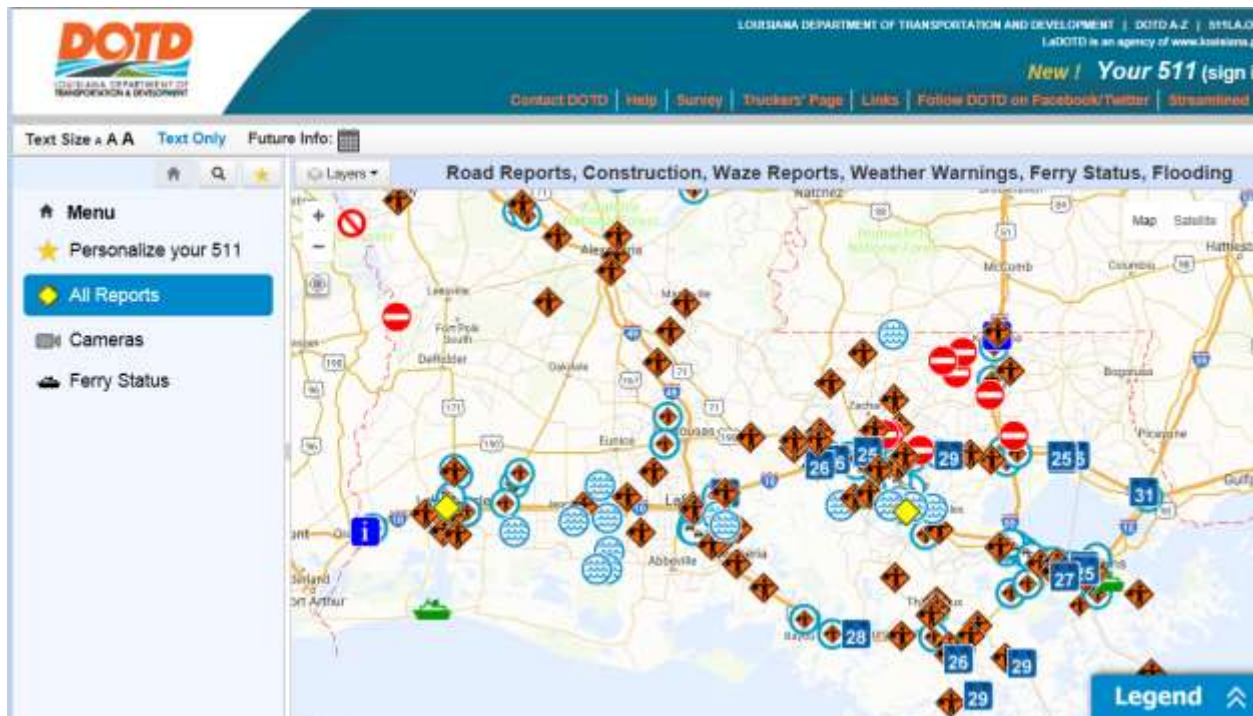
## Louisiana Business Emergency Operations Center (LA BEOC)

<http://www.labeoc.org/labeoc/welcome.aspx>

**Report Businesses Open or Closed Map Viewer (Crowd Sourced)**

## Louisiana DOTD

<http://wwwsp.dotd.la.gov/Pages/default.aspx> (Below: the map viewer can be seen by clicking on "Traffic Cameras")



## Entegy New Orleans Inc: Power Outage map viewer

[http://www.etrviewoutage.com/external/nola.aspx?\\_qa=1.184680425.1359188064.1471298228](http://www.etrviewoutage.com/external/nola.aspx?_qa=1.184680425.1359188064.1471298228)

## NASA Rainfall Measurements

<https://pmm.nasa.gov/data-access/downloads/gpm>

## Pre-Event NAIP Imagery:

### 2015 NAIP Coverage: Louisiana

To preview NAIP ortho imagery mosaics go to USDA Geospatial Data Gateway

- Click on green Get Data button
- At Step 1-WHERE, select state and then select county or counties
- Click the gray Submit Selected Counties button
- At Step 2-WHAT, click the green plus (+) icon for the Ortho Imagery year of interest then click the gray eye icon

Add as an ArcGIS Server service:

- For each state, the most recent year of NAIP Imagery DOQQs is available on an ArcGIS server.
- The state based services can be added into ArcGIS Desktop by adding <http://gis.apfo.usda.gov/arcgis/services> to the Add ArcGIS Server connection.
- Please note: This link will not work unless you are using ESRI's ArcGIS application.

Send comments, additions, and corrections to:

Glenn Bethel, USDA Remote Sensing Advisor

[glenn.bethel@usda.gov](mailto:glenn.bethel@usda.gov) (202)720-1280

If you would like to be on the distribution list, send me an email.