

Hurricane Rita – Quick Data Resource Guide – Free/Public & Commercial/Fee-based

Prepared by – ESRI, Thursday, September 23, 2005

Attention: The [ESRI Hurricane Disaster Viewer](#) is now online. With the viewer you can find an address, view hi-resolution imagery from GlobeXplorer, mark locations, and print your results. The GlobeXplorer imagery is also available accessible as an [ESRI ArcWeb Service](#); this service can then be integrated into an ArcGIS desktop application. ArcWeb Services also includes up to date weather data from Meteorlogix.

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Vendor-based Imagery

| Company Name | Contact(s) | | | Status/Description | Cost |
|-----------------------------------|--|--|--|---|------------------------|
| GlobeXplorer LLC | Paul Smith 925-280-5288 psmith@globexplorer.com | | | http://www.globexplorer.com/disasterimages/index.shtml | Fee based webserver |
| RMM CADD Service. | www.rmmcadd.com | | | 24K topos nation, GNIS Placenames, ENC NOAA S57 Marine vector layers mosaic, more | Free and Fee |
| Image America | Tom Maher tmaher@image-america.com ImageAmerica 200 S. Hanley Road Suite 1050 Clayton, MO 63105 Toll Free: (800) 275-0133 Fax: (314) 726-4700 | | | Aerial Ortho Imagery (1 foot resolution, B/W) of Post Hurricane New Orleans and Mississippi coast. The Image is available for use by emergency responders and recovery planners. http://www.image-america.com/ | Free to relief efforts |

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|---------------------------------|--|--|--|---|-----------------------|
| ORBIMAGE INC. | David Yates 703-480-7500 yates.david@orbimage.com Federal Accounts: Bob Lase 703-755-5530 Jeff Bush 703-755-5159 | | | | Fee based |
| Space Imaging | Katie Cook 303-254-2000 1-800-232-9037 | | | | Fee Based |
| DIGITALGLOBE | Becky Dunkin 303-684-4056 bdunkin@digitalglobe.com | | | High resolution satellite data available through GlobeXplorer and ArcWeb Services | Fee Based Web Service |
| AIRPHOTOUSA LLC | Jon Kendall jon.kendall@airphotousa.com | | | High Resolution aerial photography | Fee based |

Infrastructure Data Oil Well/Pipeline/Telcom

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|--|--|-----|-----|---|-----------|
| IHS Energy | Steve Taylor 713-369-2572 www.ihenergy.com | Yes | No | Oil Well/Pipeline infrastructure data | Fee based |
| Whitestar | Mike Schiewe 303-781-5182 mschiewe@whitestar.com www.whitestar.com | Yes | No | Oil Well/Pipeline infrastructure data | Fee based |
| P2ES Tobin | Andy Longoria 210-402-5065 andy.longoria@tobin.com www.tobin.com | Yes | No | Oil Well/Pipeline infrastructure data | Fee based |
| PennWell Mapsearch | Ted Miranda 713-963-6200 tmiranda@pennwell.com www.mapsearch.com | Yes | No | Oil Well/Pipeline infrastructure data | Fee based |
| FCC cell tower web site | www.wireless.fcc.gov | N/A | N/A | FCC cell tower web site http://wireless.fcc.gov/uls/downloads.html | Free |
| Mineral Management Service – Gulf of Mexico Region | www.gomr.mms.gov | | | Evacuation and shutoff information http://www.mms.gov/oc/press/2005/press0826.htm | Free |
| Intermap | Matt Cross 303 708 0955 mcross@intermap.com | | | https://istore.intermap.com/Aquarius.Web.Portal_Public/DesktopDefault.aspx?tabindex=1&tabid=36 | Fee |

Publicly Available Data

| Organization Name | Contact(s) | Status/Description | Cost |
|--|--|---|-------------|
| TEXAS NATURAL RESOURCES INFORMATION SYSTEM | http://www.tnris.state.tx.us/ http://www.tnris.state.tx.us/stratmap/ | NAIP 2004 1M Mosaics, DRG, DOQQ http://www.tnris.state.tx.us/stratmap/ | Free |
| USDA Aerial Photo Field Office | www.apfo.usda.gov | 2005 2M County Mosaics will be released in Oct, \$50 per county | Free/\$\$\$ |
| FEMA – Mapping and Analysis Center | FEMA-gismaps@dhs.gov | http://www.gismaps.fema.gov/2005pages/rita.shtm | Free |
| USGS - EROS Data Center | ftp://edcftp.cr.usgs.gov/pub/data/disaster/rita | ftp://edcftp.cr.usgs.gov/pub/data/disaster/rita | FREE |
| USGS Seamless Dataset | http://seamless.usgs.gov/website/seamless/viewer.php | Great site for DEM, DOQQs and more. The DEMs are derived from 5m LIDAR data then resampled to 10m. http://seamless.usgs.gov/website/seamless/viewer.php | FREE |
| NOAA | www.noaa.gov | Weather data and some non-georeferenced aerial photography of the affected areas. http://www.csc.noaa.gov/shoreline/data_central.html http://www.stormtracker.noaa.gov/stormtracker-rita.htm http://www.nnvl.noaa.gov/cgi-bin/index.cgi?page=products&category=Year%202005%20Storm%20Events&event=Hurricane%20Rita http://ngs.woc.noaa.gov/rita/ | Free |

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| United States Postal Service (USPS) | www.usps.com | List and map of zip codes that have "No Service" or "Partial Service" as a result of Hurricanes List of Zip Codes http://www.usps.com/communications/news/serviceupdates.htm Map of Zip Codes http://www.usps.com/communications/news/serviceupdates/zipmap.htm | |
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Parcel and County Data

| County/parrish | Contact Information | Status/Coverage |
|-----------------------|--|-----------------------------|
| Terrebonne, LA | Jack Gardner - jgardner@tpcg.org (985) 873-6833 | Parcels, Buildings, Streets |
| St. Mary, LA | Sherel Martin - 'smpasr@petronet.net' (337) 828-4100 x250 | Parcels, Buildings, Streets |
| Iberia, LA | jadesandoz@bellsouth.net Jade Sandoz | Parcels, Buildings |
| Vermilion, LA | Gabe Mathieu vermilionparish911@yahoo.com 337-898-4350 | |
| Cameron, LA | Freddie Richard 337-775-5551 | |
| Orange, TX | Orange County Appraisal District Michael Cedars (Chief Appraiser) Beth Rodda 409-745-4777 Southeast Texas Regional Planning Commission Pete DeLaCruz 409-724-1911 Dan Roberts | Parcels, Streets |
| Jefferson, TX | Jefferson County Appraisal District Roland Bieber (Chief Appraiser) 409-840-9944, Wade Taylor 409-727-4611 Collin Hepburn 409-351-4065 | Parcels, Streets |
| Chambers, TX | Chambers County Appraisal District Mike Fregia (Chief Appraiser) 409-267-3795 | Parcels |
| Harris, TX | Harris County Appraisal District, CENTEX, City of Houston CENTEX, City of Houston, StarMap | Parcels, Streets |

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| Galveston, TX | Galveston County Appraisal District Ken Wright (Chief Appraiser) 409-935-1980 Major Roads - CENTEX, StarMap | Parcels, Streets |
| Brazoria, TX | Brazoria County Appraisal District, Brazoria County Abstract Company Cheryl Evans (Chief Appraiser) 979-849-7792 Major Roads - CENTEX, StarMap | Parcels, Streets |
| Matagorda, TX | Vince Maloney (Chief Appraiser) 979-244-2031 Doug Matthes 979-244-7603 | Parcels, Streets |
| Jackson, TX | Damon Moore 361-782-7115 Lesley Sciba 361-578-1587 | Streets |
| Victoria, TX | City of Victoria Adrian Canas 361-572-2795 Sidney Johnston 361-576-3621 Lesley Sciba 361-578-1587 | Parcels Buildings Streets |
| Calhoun, TX | Calhoun County Shirley Parnell 361-552-4560, Dean DeVilleneuve 972-881-1858 Henry Barber 361-552-1140 | Parcels, Streets |
| Refugio, TX | County Appraisal Dist. Bettye Kret (Chief Appraiser) 361-526-5994 | |
| Aransas, TX | Jad Smith (Chief Appraiser) 361-729-9733 | Parcels |
| Hardin, TX | County Appraisor Amador Reyna (Chief Appraiser) 409-246-2507 Southeast Planning Commision Pete DeLaCruz 409-724-1911 | Parcels, Streets |
| Kleberg, TX | Jackie Odom 361-595-5575, Dean DeVilleneuve 972-881-1858 | Parcels |
| San Patricio, TX | Hector Lozano (Chief Appraiser) 361-364-5402 | Parcels |
| Liberty | County Appraisal Dist. Sharon Harbers 936-336-5722, Dean DeVilleneuve 972-881-1858 | Parcels, Buildings |
| Newton, TX | Margie Herrin (Chief Appraiser) 409-379-3710 | Parcels, Buildings |

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| Tyler, TX | Eddie Chalmers (Chief Appraiser) 409-283-3736 | Parcels, Buildings |
| Jasper, TX | David Luther (Chief Appraiser) 409-384-2544 | Parcels, Buildings |
| Sabine | Jim Netery (Chief Appraiser) 409-787-2777 | Parcels |
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Basemap and Street Data Products

| Product | Cost | Description |
|--------------------------------------|--|---|
| ESRI Data & Maps | Comes bundled with ArcGIS | <p>ESRI Data & Maps Includes:</p> <ul style="list-style-type: none"> ○ Basemap and thematic MXDs for Canada, Europe, Mexico, and the United States ○ Commercial data from Tele Atlas, AND Mapping, DMTI Spatial, WorldSat, EarthSat, DigitalGlobe, EuroGeographics, Michael Bauer Research, CountryWatch, SIGSA, and ESRI ○ All levels of U.S. Census geography and zip codes ○ TIGER 2000-based StreetMap USA data ○ Global Natural View image |
| StreetMap | Comes bundled in the ESRI Data & Maps Media kit (part of ArcGIS) | <p>Streetmap comes with the ESRI Data & Maps bundle. The street data in Streetmap is enhanced TIGER 2000 data. Uses for Streetmap include:</p> <ul style="list-style-type: none"> ○ To geocode addresses and generate routes and driving directions ○ As a cartographic display ○ As a backdrop for plotting customer locations ○ As a basemap <p><i>Note: StreetMap is now part of core at ArcGIS 9.1 (i.e. data bundled with and the extension no longer exists). However, at pre-ArcGIS 9.1, StreetMap was bundled with the product, but the required extension was not.</i></p> |
| Streetmap Pro | \$3500 | <p>StreetMap Pro is Tele Atlas-based street data for the United States and Canada that is updated every two years. It contains more complete and current address information than StreetMap and is also positionally more accurate. One-way and turn restriction information ensures nationwide routing and driving directions are generated correctly. Uses for Streetmap Pro include:</p> |

- ArcView – use the free ArcWeb Services Toolbar at <http://www.esri.com/software/arcwebservices/toolbar.html>.
- You must either be signed up for an [ArcWeb Services evaluation](#) or have purchased an [ArcWeb Services subscription](#).
- ArcWeb Toolbar Help - <http://arcweb.esri.com/toolbarhelp/index.htm>
- Details of each service can be found at <http://arcweb.esri.com/arcwebonline/index.htm#services/activate.htm>

| | Company Name | Map Server (ArcIMS Server Name) | Map Service ArcIMS Service Name | Description |
|---------------------------|-----------------------------|---|------------------------------------|---|
| Imagery | | | | |
| USGS DOQQs | GlobeExplorer | http://arcweb.globexplorer.com | USGS_DOQQ_wm | <p>Summary: USGS "Digital Ortho" Service - a continental US mosaic of greyscale ortho-rectified "DOQQ" aerial photos, enhanced and continually updated by i-cubed. Over a quarter of a million DOQQs are included, covering 95% of the continental US at 1-meter resolution.</p> <p>Use: Imagery, base maps, and land cover</p> |
| Topographic | | | | |
| Topographic | National Geographic Society | http://arcweb.esri.com | NGS_Topo | <p>Summary: This map service presents National Geographic TOPO! 1:24,000 and 1:100,000 scale maps for the United States. The map service presents 1:100,000 scale maps for all 48 contiguous states and 1:24,000 scale maps for all states. TOPO! includes high-quality scans of the 1:24,000 scale USGS topographic maps. To view the TOPO! maps, you must zoom in to a scale of 1:250,000 or greater on the map service. The map service includes reference data from ESRI and the USGS at smaller scales.</p> <p>Use: Imagery, base maps, and land cover</p> |
| Streets | | | | |
| Streets | GDT/TeleAtlas | http://arcweb.esri.com | GDT_ArcWeb_US | <p>Summary: This ArcWeb map service is built on Dynamap/2000. It contains more than 14 million addressed street segments along with postal boundaries, landmarks, and water features for the United States. Dynamap offers the most current and comprehensive street and address data available based on information from sources such as the U.S. Postal Service; various city, county, and state organizations; E911; and customer feedback. The ESRI version of Dynamap/2000 has been optimized for display and distribution over the Internet.</p> <p>Use: This map service can be used as a local basemap for a variety of applications.</p> |
| Points of Interest | | | | |
| Points of Interest | GDT/TeleAtlas | http://arcweb.esri.com | GDT.POI.US | <p>Summary: This data provides point of interest (POI) locations in the United States, including government offices, hospitals, schools, places of worship, retail outlets,</p> |

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| | | | | transportation stations, recreation facilities, and more. The data is updated quarterly and contains over 300,000 point locations. Use: The data source is intended to support proximity searches to POI locations. |
| Populated Places | GDT/TeleAtlas | http://arcweb.esri.com | GDT.PopulatedPlaces.US | Summary: This data offers place name information from the GDT Dynamap/2000 database. It provides place names and codes for locations in the United States. Use: The data source is intended to support place finder applications. |
| Landmarks | GDT/TeleAtlas | http://arcweb.esri.com | GDT.Landmarks.US | Summary: This data provides access to geographic landmark data from the GDT Dynamap/2000 database. It offers more than fifty thousand landmark place names including amusement parks, stadiums, colleges, hospitals, and more. Use: The data source is intended to support place finder applications. |
| Reports | | | | |
| Census 2000 Detailed Race Profile | ESRI | http://arcweb.esri.com | ESRIBIS.Census2000DetailedRace.US | Summary: Race may influence how a market area responds to product offerings, new businesses, or services. The detailed breakouts of race combinations in this report give retailers, marketers, and other businesses a picture of an area's racial makeup by 2000 total population and population with Hispanic origin. |
| Census 2000 Summary Profile | ESRI | http://arcweb.esri.com | ESRIBIS.Census2000Summary.US | Summary: This comprehensive summary of Census 2000 combines demographic variables such as <ul style="list-style-type: none"> ▪ Households by type ▪ Households by size ▪ Population age 15+ by sex and marital status ▪ Population age 3+ school enrollment ▪ Population age 3+ by educational attainment ▪ Workers age 16+ by travel time to work ▪ Employed population age 16+ by industry and occupation ▪ Housing units by occupancy. |
| Census Demographics (over 400 variables) | | | | |
| Demographics | ESRI | GDT.Streets.NA | ESRI.Demographics_1.US | Summary: This data contains over 200 demographic variables for locations around the United States. |
| Demographics | ESRI | | ESRI.Demographics_2.US | Summary: This data contains approximately 200 demographic variables for locations around the United |

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| | | | | States. |
| Thematic Maps | | | | |
| Thematic Mapping | ESRI | http://arcweb.esri.com | ESRI.Thematic.US | <p>Summary: The data for ESRI.Thematic.US is provided by various contributors. The base map and reference layers come from the following data providers:</p> <ul style="list-style-type: none"> ▪ States and Counties - U.S. Geological Survey (USGS) ▪ ZIP Codes and Block Groups - GDT ▪ Highways and Streets - GDT and ESRI ▪ Railroads - GDT ▪ Cities - ESRI ▪ Water bodies - GDT, USGS and ESRI ▪ Rivers - GDT and ESRI <p>Use: The data source is intended for thematic mapping and for generating reports of population statistics for a specific location in the United States.</p> |
| Geocoding | | | | |
| Address Matching | GDT/TeleAtlas | http://arcweb.esri.com | GDT.Address.US | <p>Summary: This data enables users to determine the latitude, longitude location for street addresses or places in the United States. It supports geocoding with complete addresses, partial addresses, and place names.</p> <p>Use: The data source is intended to support geocoding.</p> |
| Place name lookup | | | | |
| Placefinder | ESRI | http://arcweb.esri.com | ESRI.Gazetteer.World | <p>Summary: This data provides geographic place name data from several sources including the National Geospatial-Intelligence Agency (NGA), U.S. Geological Survey (USGS), and ESRI. The Place Finder Web Service recognizes more than three million place names including geographic regions (e.g., continents, states, cities), bodies of water, and major points of interest.</p> <p>Use: The data source is intended to support a wide variety of place finder applications.</p> |
| Routing | | | | |
| North America Routing | ESRI | http://arcweb.esri.com | GDT.Streets.NA | <p>Summary: This data presents street data from Dynamap/Canada and Dynamap/2000, GDT's premiere</p> |

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| | | | | <p>street network databases for Canada and the United States, optimized for routing. It includes detailed street data along with administrative boundaries, landmarks, water features, and more.</p> <p>Use: The data source is intended to support multi-point routing in Canada, the United States, and between Canada and the United States.</p> |
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Commercial GIS Web Services from ESRI via ArcWeb Services

- [Commercial Services](#) offers a rich set of functionality for businesses and government. Using a simple pay-as-you-go model, developers, IT professionals, and GIS professionals have access to ready-to-use applications, GIS web services, and one of the industries most complete maps and spatial data sets available today. **NOTE:** ArcWeb Services added post Hurricane imagery on Sept. 4th to the GlobeXplorer service.
- [MapStudio for Homeland Security](#)—Provides emergency and crisis management centers with the ability to create a common operating picture and access detailed data for a specific event.
- [MapStudio for Media](#)—Designed for media outlets, MapStudio for Media is an affordable and easy way to create maps of any location in the world. Maps created with MapStudio for Media can be edited in typical illustration software.
- [Business Analyst Online](#)—Combines GIS technology with extensive business, demographic, and consumer household data to provide Web capabilities previously available only through ESRI's Business Analyst desktop software.
- [Flood Map Report](#)—Allows users to download a Flood Map Report to help determine the relative flood risk of a specific location. These reports are created using Federal Emergency Management Agency Q3 Flood Data and Tele Atlas Dynamap/2000 street data.