

Missouri Spatial Data Information Service

1st Bi-Annual Period Report

January – July, 2011

Build or implement a survey to identify gaps in the statewide data inventory.

Strategy: Watch the development of the NSGIC initiative to build a national data survey / needs assessment. Once developed, implement within the Missouri Clearinghouse.

MEASURE: Completion of NSGIC survey tool and implementation on the MSDIS. MSDIS with MGISAC participation. Participation of personnel from MSDIS. Possible NSGIC national model development.

Current Status: Active

2nd quarter comments –

Still on hold - As the GeoPortal comes up we hope to be able to better gauge how to integrate it (the GeoPortal) into our state geospatial data inventory. It will depend significantly on the user metadata submission function – its ease of use and appeal to data custodian providers.

1st Period comments –

With efforts to digitally log and enumerate the metadata currently held at MSDIS the scope of this project has grown - driven by the priority need of bringing up the new MSDIS GeoPortal and publishing all metadata holdings to this more user friendly tool. Each record must be logged and then changes made to titles, GOS discoverability, ISO categories, on-links to the downloadable data and various data types and caveats (online or offline data etc...). Then each data set must be logged as published with data and metadata record name (which is often different from the file name). As part of the inventory process we've presented the new MSDIS GeoPortal tool at many regional and conferences as where all Missouri geospatial data users can discover geospatial data available in the public purview.

Continue to develop an Internet mapping interface for MSDIS holdings.

Strategy: Increase utility of MSDIS Web site by continuing to developing the internet mapping user interface for interaction with the data elements compiled in MSDIS. This includes the development of new maps, evolution of mapping interface, maintenance, update, and upgrades to the Mapper.

MEASURE: Continued evolution of the design and map services available on MSDIS-maps and MCDC-maps web site. MSDIS with MGISAC participation in review
Participation of personnel from MSDIS.

Current Status: Ongoing

2nd quarter comments –

The equipment is in and racked – some server configuration has been accomplished. A meeting with University IT to address costing for rack space and administration will hopefully take place in the next week or so. Communication with ESRI (Dan Haag/Joe Eckmann) is ongoing regarding dates for Geoportal 10 initial configuration.

1st Period comments –

All equipment except the Imagery Services Development Server are functional. The Development server is soon to be configured. More on this as it unfolds. We are currently examining rebuilding our available legacy ArcIMS services in ArcGIS Server10. Jim Harlan will be providing a test bed project in the near future.

Develop and deploy a search interface for MSDIS holdings.

Strategy: Increase utility of MSDIS Web site for data discovery and query by thematically grouping data holdings.

MEASURE: Redesign of MSDIS Web site and development of milestones. This schedule will be developed jointly by MSDIS and MGISAC. MSDIS with MGISAC participation in review
Participation of personnel from MSDIS.

Current Status:

2nd quarter comments – See comments on GeoPortal implementation above.

1st Period comments –

The MSDIS GeoPortal now publishes 177 metadata records – adjustments to published records to reflect file type (i.e. – SHP or GDB) based of customer feedback has been accomplished. Searches can be conducted based on ISO category under the “Browse” tab or general searches on keywords or user drawn area searches. Finally visual searches by topic folder can still be had via the archival MSDIS FTP sources.

Duplicate existing coverage files as geodatabases for all MSDIS holdings.

Strategy: *Migrate the entire MSDIS Clearinghouse to the geodatabase format and host both for a period of time. MSDIS will proactively evolve with changes in the software arena and make the site more usable to new start-ups*

MEASURE: *Reformatting of MSDIS coverage holdings as zipped geodatabases. Requires participation of personnel from MSDIS.*

Current Status: **Ongoing.**

2nd quarter comments – Continues

1st Period comments –

We have moved to address MGISAC concerns that they would like to see more data published in a shape file format. All data published to the new Geoportal are either shapes or file geodatabases – sometimes both.

To promote interoperability and standardization among core data layers being developed by the state and local government agencies and organizations.

Objectives

Development and endorsement of geospatial standards for database development and attribution.

Strategy: *Review existing state, federal and international geospatial standards. Create or add new components, modify components, or adopt reviewed standards. Release drafts through MSDIS, MGISAC, and subcommittees for peer review and comment. Revise as appropriate and publish final standards within MAEA.*

Disseminate geospatial related standards for active review process.

Current Status: **Ongoing**

2nd quarter comments – No updates available.

1st Period comments –

An attempted Cadastral Mapping Standard meeting scheduled for July 14th was cancelled on short notice but is to be rescheduled.

Homeland Security

Develop and maintain the data and infrastructure necessary to support Homeland Security Emergency Response.

Strategy: *Coordinate with OIT, Office of Homeland Security, and MSDIS on the development of the communication infrastructure necessary to support Homeland Security efforts. Develop an action plan for the development of the databases and geospatial layers necessary to support homeland security planning, mitigation, risk assessment, and other operations.*

MEASURE: *Completion of data development plans for identified data layers based on priorities set jointly by MGISAC, Office of Homeland Security, and OIT. Completion of secure access and password/firewall protected portal to homeland security data and related geospatial layers. Homeland Security: Participation of personnel from MSDIS on data development and QA/QC.*

Current Status: ***Ongoing***

2nd quarter comments –

Some assistance has been provided to Mid-Missouri geospatial technician in utilizing the initial data for review purposes – additional progress on this project will be realized when sub-contracts are signed and in place. Onsite training and a regional data review must be accomplished next.

1st Period comments –

Mid-MO Structures Project: Sub-contracts have been signed – student interns (2) hired - to generate the “structures” data points. As of this report Howard, Cooper, Moniteau, most of Calloway are complete. The RPC (Mid-Missouri) has secured data agreements with Boone and the City of Columbia so we'll begin working with that data. Cole County and Jefferson City data is still being looked at but will likely take some work also.

MSDIS hurried to bring its new imagery services online to support SEMA requirements for flooding events in late April and early May (Southeast Missouri) – and again for the Joplin Tornadoic event in early June. Secure image services were posted in the case of the flooding and services were generated in the public purview at both MSDIS and ArcGIS Online.

Other MSDIS quarterly activities that contribute to MGISAC Strategic Plan outcomes...

Outreach / Education / Training

Support the MGISAC to expand the visibility and understanding of the committee's work within Missouri.

2nd quarter comments –

And a very successful workshop it was... The November 10th, Central Regional Geospatial Workshop hosted 53 attendees. A first time poster session also went over well. User comments via electronic survey were excellent. Survey results can be provided – contact duewellm@missouri.edu.

1st Period comments –

One day duration regional symposia were conducted in Branson hosted by Tri-Lakes and Intrinsic Corp (VillaGIS) – and Cape Girardeau hosted by Cape Girardeau Career & Technology Center and Surdex. Attended by 53 and 54 respectively. It was generally felt that both were successes.

Requested of the MGISAC and received an increase in annual budget for regional symposia (3) and allowing for adding additional technical workshops (2). The budget request included O&E funding of a grant for Geotech Summer Camp and a small competitive grant scholarship. Total requested and approved was \$3,175. Shannon White and Mark Duewell will co-chair.

Encourage use of GIS technology and geographic data resources across all levels of state government by providing practical support to new and established users.

List server Users

2nd quarter comments –
GIS Vendors @ 27
KCAIUG-Announce @ 304
KCAIUG-L @ 64
KCCCGG-L @ 14
LGOV-L @ 30
MGISAC @ 141
MGISDATADEV @10
MISSOURIMAPPERSASSOC-L @ 28
MMGUG-L @ 168
MSDIS-NEWS @ 220
STLGIS-L @ 231
STLRIC-L @ 29
PONYEXPRESSGUG@ 19

1st Period comments –
GIS Vendors @ 26
KCAIUG-Announce @ 321
KCAIUG-L @ 64
KCCCGG-L @ 14
LGOV-L @ 30
MGISAC @ 142
MGISDATADEV @10
MISSOURIMAPPERSASSOC-L @ 31
MMGUG-L @ 173
MSDIS-NEWS @ 224
STCHGISUG-L @ 5
STLGIS-L @ 244
STLRIC-L @ 29
PONYEXPRESSGUG@ 18

Conference / meeting Participation:

2nd quarter comments –

T im attended:

Multiple TTCRC and Broadband meetings and conference calls
A number of interview meetings for new staff hirings for Broadband and CGI.
Broadband Summit committee meetings

GeoInt 2010 conference

A number of Geography Department reconfiguration meetings to address state funding degree review requirements.

Geography Awareness declaration with the Governor

Numerous PowerScape meetings for NGA/CGI

Broadband presentation to MACoG

GeoDecisions meeting

GeoMapp meeting

Mark attended:

MOMAPPERS meetings

ESRI Geoportal web training (with Martin & Wenbo)

Mid-America Geographic Information Consortium (MAGIC) Clearinghouse Summit (Oklahoma City)

Cooperative Agreement Program Webinar

MAGIC Fall Retreat

Numerous GeoPortal Implementation meetings (with Martin & Wenbo)
Central Regional Geospatial Workshop as presenter and coordinator
MAGIC meetings (2)
MGISAC Conference planning conference calls
LiDAR data folder structuring planning meeting at Washington University

Tim & Mark both attended:

A number of MGISAC Data Development and Homeland Security meetings
4th MGISAC/MSDIS Review meeting
Kansas University/MSDIS backup site dismantling and return to Columbia, Missouri

1st Period comments –

MSDIS staff members attended numerous meetings on the following topics:

State Agency GIS

Missouri Association of Mappers Conference (presenting)

Homeland Security Committee

Data Development Committee

Outreach & Education Committee

Regional Workshops in Cape and Branson (presenting and coordinating)

Mid-America Geographic Information Consortium (MAGIC)

MSDIS Rebuild & Implementation (weekly through most of the period),

MGISAC Strategic Planning Committee

OIG Planning

Powerscape meetings

MO Broadband meetings

GEOMAP meetings

Missouri GIS Conference (presenting)

MAGIC Clearinghouse Summit Planning meetings (coordinating team)

MACOG Directors meetings

InfoUSA

Implementation meetings with ESRI (Dan Haag, Joe Eckman)

ITSD Imagery Server Benchmark Testing meetings

FGDC Metadata Workgroup Conference calls

DOIT Security meetings

Mid-MO RPC Structures Project meetings

NSGIC Mid-year Conference

Missouri Botanical Gardens

State Agency Site visits (Imagery Services planning)

USGS LiDAR Champions

CGI Conflation meeting

NTIA National Conference

NGA Human Geography

MO CIO Meetings

Aerial Imagery RFP meetings

URISA Leaders Talk

Bi-Weekly Technical Exchange (NGA)

NGA Cuba Mapping

Continue maintenance and publishing of an inventory of data holdings available at the MSDIS.

New Data – the following new or revised data sets listed on MSDIS involving edits or additions to the Data Set List, Theme List and New Data pages:

2nd quarter comments –

Wednesday December 22nd, 2010

Missouri Department of Natural Resources has released one updated dataset as follows:

st_monitor_sites: This data set includes locations for air quality monitoring sites for which the Missouri Department of Natural Resources has data.

These new data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_monitor_sites.zip

Tuesday November 30th, 2010

Missouri Department of Natural Resources has released one new dataset as follows:

st_control_points: The Missouri Geographic Reference System is a network of accurately positioned horizontal and vertical control monuments (latitude, longitude, elevation and state plane coordinates) used by land surveyors, engineers, cartographers and others who have a need to locate positions on, below or above the surface of the earth.

These new data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_control_points.zip

Wednesday November 17th, 2010

Missouri Department of Natural Resources has released two updated datasets as follows:

PLSS: This data set depicts the Public Land Survey System (PLSS) sections and land grants within the State of Missouri.

WELL_CERTIFIED: This data set provides information about wells that are certified by the State of Missouri.

These updated data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_plss10.zip

http://www.msdis.missouri.edu/msdisdata/pub/state/st_well_certified.zip

Tuesday November 16th, 2010

Missouri Department of Elementary and Secondary Education has released four updated datasets depicting various schools in Missouri.

These updated data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_school_highered.zip

http://www.msdis.missouri.edu/msdisdata/pub/state/st_school_private.zip

http://www.msdis.missouri.edu/msdisdata/pub/state/st_school_public.zip

http://www.msdis.missouri.edu/msdisdata/pub/state/st_school_public_disabled.zip

Tuesday November 16th, 2010

The latest MDOT dataset is available to all MSDIS users. Updates are provided to MSDIS on a 2-3 month basis.

Click the following FTP link to download the "Raw" unparsed data:

www.msdis.missouri.edu/msdisdata/pub/state/transportation/modot/st_modotrds1010.gdb.zip

Monday October 25th, 2010

Missouri Dept. of Natural Resources (MoDNR) have supplied new data depicting the boundaries of localized architectural surveys maintained by the Missouri Department of Natural Resources, Division of State Parks, State Historic Preservation Office (SHPO). Data is derived from architectural surveys conducted by local and state agencies and members of the public, which vary in age, content, and quality.

These data can be found here:

www.msdis.missouri.edu/msdisdata/pub/state/st_archit_survey.zip

Monday October 25th, 2010

Missouri Dept. of Natural Resources (MoDNR) have supplied new data depicting earthquake hazards in southeastern Missouri.

These data can be found here:

- www.msdis.missouri.edu/msdisdata/pub/state/st_eq_collapse.zip: This data set depicting areas of collapse potential was developed to provide generalized areas of earthquake hazards in southeast Missouri. It may be used as a tool in planning for, responding to, and recovery from a major earthquake disaster in the region.
- www.msdis.missouri.edu/msdisdata/pub/state/st_eq_landslide.zip: This data set depicting areas of landslide potential was developed to provide generalized areas of earthquake hazards in southeast Missouri. It may be used as a tool in planning for, responding to, and recovery from a major earthquake disaster in the region.
- www.msdis.missouri.edu/msdisdata/pub/state/st_eq_liquefact.zip: This data set depicting areas of liquefaction potential was developed to provide generalized areas of earthquake hazards in southeast Missouri. It may be used as a tool in planning for, responding to, and recovery from a major earthquake disaster in the region.

Monday October 25th, 2010

Missouri Dept. of Natural Resources (MoDNR) have supplied replacement data for the Total Dissolved Solids in Consolidated and Unconsolidated Aquifers. The former dataset `st_tds_aquifers.zip` and associated metadata have been removed from MSDIS:

These replacement data can be found here:

- www.msdis.missouri.edu/msdisdata/pub/state/st_tds_choero_in.zip: Equal concentration contours of the total dissolved solids of groundwater of the Pennsylvanian age Cherokee Group in Missouri.
- www.msdis.missouri.edu/msdisdata/pub/st_tds_kclsw_in.zip: Equal concentration contours of the total dissolved solids of groundwater of the Pennsylvanian age Kansas City, Lansing, Pedee, Douglas, Shawnee, and Wabauensee Groups in Missouri.
- www.msdis.missouri.edu/msdisdata/pub/st_tds_miss_in.zip: Equal concentration contours of the total dissolved solids of groundwater of the Mississippian age rock in Missouri.
- www.msdis.missouri.edu/msdisdata/pub/st_tds_ozark_in.zip: Equal concentration contours of the total dissolved solids of groundwater of the Ozark Aquifer in Missouri.
- www.msdis.missouri.edu/msdisdata/pub/st_tds_plmar_in.zip: Equal concentration contours of the total dissolved solids of groundwater of the Pennsylvanian age Pleasanton and Marmaton Groups in Missouri.
- www.msdis.missouri.edu/msdisdata/pub/st_tds_stfran_in.zip: Equal concentration contours of the total dissolved solids of groundwater of the Saint Francis Aquifer in Missouri.

Monday October 25th, 2010

Missouri Dept. of Natural Resources (MoDNR) have supplied updated metadata for the following dataset:

- This data set depicts contains the boundaries of official special well drilling areas located in the State of Missouri.

These data can be found here:

www.msdis.missouri.edu/msdisdata/pub/state/st_drill_areas.zip

Monday October 25th, 2010

The Missouri Department of Natural Resources has released new data depicting the boundaries of localized architectural surveys maintained by the Missouri Department of Natural Resources, Division of State Parks, State Historic Preservation Office (SHPO).

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_archit_survey.zip

Thursday October 21st, 2010

The Missouri Department of Conservation has released new data depicting trails located on land managed by the Missouri Department of Conservation.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_mdc_trails.zip

1st Period comments –

Monday, June 13, 2011

U.S. Department of Commerce, U.S. Census Bureau, Geography Division and Geographic Resources Center, University of Missouri have released Census 2010 Zip Codea Tabulation Area data.

Abstract: The TIGER/Line Files are shapefiles and related database files (.dbf) that are an extract of selected geographic and cartographic information from the U.S. Census Bureau's Master Address File / Topologically Integrated Geographic Encoding and Referencing (MAF/TIGER) Database (MTDB). The MTDB represents a seamless national file with no overlaps or gaps between parts, however, each TIGER/Line File is designed to stand alone as an independent data set, or they can be combined to cover the entire nation. ZIP Code Tabulation Areas (ZCTAs) are approximate area representations of U.S. Postal Service (USPS) ZIP Code service areas that the Census Bureau creates to present statistical data from Census 2000. Data users should not use ZCTAs to identify the official USPS ZIP Code for mail delivery. The USPS makes periodic changes to ZIP Codes to support more efficient mail delivery. For the 2010 Census, ZCTAs should more accurately represent the actual ZIP Codes at the time of their delineation than they did for Census 2000. This is because that before the tabulation blocks, which the ZCTAs are built from, were delineated for the 2010 Census, the Census Bureau undertook the process of inserting lines that could be used as 2010 Census tabulation block boundaries, and these lines split polygons where the result would be that a significant number of addresses would occur on either one or both sides of the line associated with a single ZIP Code. Each 2010 Census tabulation block that contains addresses is assigned to a single ZCTA, usually to the ZCTA that reflects the most frequently occurring ZIP Code for the addresses within that tabulation block. As a result, ZIP Codes associated with address ranges found in the Address Ranges relationship file may not always match the ZCTA. Blocks that do not contain addresses but are completely surrounded by a single ZCTA (enclaves) are assigned to the surrounding ZCTA. A ZCTA may not exist for every USPS ZIP Code. Some ZIP Codes may not have a matching ZCTA because too few addresses were associated with the specific ZIP Code or the ZIP Code was not the most frequently occurring ZIP Code within any of the blocks where it exists. The Census Bureau uses the addresses stored within MTDB to delineate ZCTAs, and at the time of the 2010 Census the MTDB primarily included addresses for residential or at least potentially residential structures, so ZCTAs representing only non-residential structures are infrequent. Also, in each tabulation block, if a choice existed between using a potential city-style mail delivery ZIP Code for an address or a post office box ZIP Code, the city-style mail delivery ZIP Code was preferred for the 2010 Census ZCTA delineation. The Census Bureau identifies 5-digit ZCTAs using a five-character numeric code that represents the most frequently occurring USPS ZIP Code within that ZCTA, and this code may contain leading zeros.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_zcta10.zip

Friday, June 10, 2011

Missouri Department of Natural Resources has released two updated datasets as follows:

st_landfills: This data set contains locations for Active, Closed, Inactive and known Pre-Law landfills in Missouri.

st_transfer: This data set contains locations for all permitted solid waste transfer stations in Missouri.

These updated data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_landfills.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_transfer.zip

Wednesday, May 25th, 2011

The Geographic Resources Center has released one updated dataset as follows:

st_libdists11: 2011 Missouri State Library Districts

These updated data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_libdists11.zip

Monday, April 26th, 2011

2010 Census P.L. 94-171 PDF Reference Maps are now available.

<http://msdis.missouri.edu/census2010indexmaps/index.htm>

Friday, April 8th, 2011

Missouri Dept. of Natural Resources has released two new data sets as follows:

MAJOR_LAKES - This subset of the 1:100,000 scale NHD-Plus data includes only those water bodies with areas greater than or equal to 50 acres. It can be used to improve system performance when depicting surface water features at small scales.

MAJOR_RIVERS - This subset of the 1:100,000 scale NHD-Plus data includes features with a value of 1 in the associated THINNERCOD attribute that is delivered separately from the flow-line geometry. It can be used to improve system performance when depicting surface water features at small scales. Below is an explanation of the THINNERCOD attribute.

Thinner Code (Thinner-Cod)

An ordinal value designed to allow selection of progressively denser networks. The least dense network is obtained by selecting thinner values of 1 which is the network of major streams and rivers that connect the 8-digit Hydrologic Units (i.e. sub-basins or cataloging units). Each successive value of Thinner adds more streams to the network. At any Thinner level, the network is fully connected. Thinner values are designed to be used for improving the performance of Web pages and other applications where the user zooms back and forth between large areas and small areas. There is no hydrologic basis, other than connectivity, for the thinner values and they should NOT be used for stream classification or analysis.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_major_rivers.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_major_lakes.zip

Wednesday, April 6th, 2011

The latest MoDOT dataset is available to all MSDIS users. Updates are provided to MSDIS by MoDOT on a 2-3 month basis.

[Click to download the "Raw" unparsed data in file geodatabase format.](#)

Tuesday, March 29th, 2011

Missouri Dept. of Natural Resources (MoDNR) have supplied 2 replacement datasets. These two are replacement data for the two data sets depicting the 2008 305(b) Water Quality report:

- *Missouri Lakes assessed as impaired from the 2010 Missouri 305(b) Water Quality Report. (data formerly named st_qltrpt_2008_l.zip have been removed)*
- *Missouri Rivers and Streams assessed as impaired from the 2010 Missouri 305(b) Water Quality Report. (data formerly named st_qltrpt_2008_s.zip have been removed)*

www.msdis.missouri.edu/msdisdata/pub/state/st_qltrpt_2010_l.zip
www.msdis.missouri.edu/msdisdata/pub/state/st_qltrpt_2010_s.zip

Tuesday, March 29th, 2011

Missouri Dept. of Natural Resources (MoDNR) have supplied 4 updated dataset as follows:

- *Locations of facilities permitted by the Missouri Department of Natural Resources, Division of Environmental Quality, Air Pollution Control Program.*
- *Locations of samples on streams that were collected for aquatic invertebrate analysis by the Missouri Department of Natural Resources, Division of Environmental Quality, Environmental Services Program, Water Quality Monitoring Section.*
- *Boundaries of parks and historic sites managed by the Missouri Department of Natural Resources, Division of State Parks.*
- *Areas where air pollution levels persistently exceed the national ambient air quality standards.*

These data can be found here:

www.msdis.missouri.edu/msdisdata/pub/state/st_facilty_air.zip
www.msdis.missouri.edu/msdisdata/pub/state/st_invert_monitr.zip
www.msdis.missouri.edu/msdisdata/pub/state/st_modnr_lands.zip
www.msdis.missouri.edu/msdisdata/pub/state/st_nonattainment.zip

Tuesday, March 29th, 2011

Missouri Dept. of Natural Resources has released the new data, Missouri Wild Areas.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_wild_areas.zip

Wednesday, March 23rd, 2011

Census Geography 1980 with total population items calculated for 1990, 2000, 2010. of State of Missouri have been updated as follows:

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_census80-10.zip

These data were updated to include 2010 information and were formerly named st_edtract80.e00.gz. That file has been removed from MSDIS.

Thursday, March 17th, 2011

2010 County Census Geography with 1990, 2000 and 2010 Population Data are now available:

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_county10.zip

Tuesday, March 15th, 2011

2010 Minor Civil Divisions, Places, School Districts and Voter Tabulation Districts Census Geography with 1990, 2000 and 2010 Population Data 2010 are now available:

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_mcd10.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_place10.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_schdists10.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_VTD10.zip

Tuesday, March 1st, 2011

2010 Blocks, Block Groups and Tracts Census Geography with 1990, 2000 and 2010 Population Data have been updated as follows:

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_bgrp10.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_tract10.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_block10.zip

Wednesday, February 9th, 2011

Locations of confirmed zebra mussel occurrences in Missouri.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_zebra_mussels.zip

Monday, February 7th, 2011

2010 Block Groups and Tracts Census Geography with 1990, 2000 and 2010 Population Data.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_bgrp10.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_tract10.zip

Monday, February 7th, 2011

Census update, 2009 TIGER lines of State of Missouri. These data can be found here:

- [Zip Code Tabulation Areas \(5 digit\) for Missouri, based on the CB Tiger Data](#)

Thursday, January 27th, 2011

The Missouri Department of Conservation has released update of data depicting MDC public land managed by the Missouri Department of Conservation.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_mdcland.zip

Wednesday, January 19th, 2011

2010 Census Roads are now available.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_csrd10.zip

Wednesday, January 19th, 2011

2010 Blocks Census Geography with 1990, 2000 and 2010 Population Data are now available.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_block10.zip

Monday, January 10th, 2011

2010 NAIP Imagery is now available. Imagery is true color and is processed into MrSid format by county extent.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/naip2010/county_mrsid/

NOTE: 2009 Color Infra Red NAIP data have been removed due to disk space limitations. These data can be provided on request. True color 2009 NAIP are still available for download.

Monday, January 3rd, 2011

Missouri Dept. of Natural Resources (MoDNR) have supplied 1 new dataset as follows:

- *Outfall locations of animal feeding operations (AFO) in Missouri with National Pollutant Discharge Elimination System (NPDES) operating permits.*

These data can be found here:

www.msdis.missouri.edu/msdisdata/pub/state/st_npdes_afo.zip

Monday, January 3rd, 2011

Missouri Dept. of Natural Resources (MoDNR) have supplied 3 updated dataset as follows:

- *Locations of permitted features that have been granted coverage under a state-wide Master General Permit for discharges of storm water associated with a particular industrial activity.*
- *Outfall locations of wastewater facilities in Missouri with National Pollutant Discharge Elimination System (NPDES) operating permits.*
- *Boundaries of localized architectural surveys maintained by the Missouri Department of Natural Resources, Division of State Parks, State Historic Preservation Office (SHPO).*

These data can be found here:

www.msdis.missouri.edu/msdisdata/pub/state/st_npdes_storm.zip

www.msdis.missouri.edu/msdisdata/pub/state/st_npdes_outfall.zip

www.msdis.missouri.edu/msdisdata/pub/state/st_archit_survey

To the extent possible increase the amount of MSDIS activities (data development, clearinghouse functionality, hardware costs, etc.) funded by alternative sources.

MOCAP / National Map and other projects...

2nd quarter comments –

The work sub-contract has finally made its way through the university and is in the mail to Mid-Missouri RPC. Debbie Briedwell has mentioned a possible project to fully integrate the data generated by the 3 iteration “Structures” projects. Further discussion on this project needs to be had.

1st Period comments –

Broadband mapping funds geared to building infrastructure for hosting mapping services and data for the project have paid multiple dividends during fiscal 2011 by considerably enhancing MSDIS clearinghouse functionality through hardware/ software upgrades. The GeoPortal and image services now provided are obvious improvements to data discoverability and geospatial services to

a wider customer base. As additional data goes into the portal and new mapping and imagery services become available user functionality should increase incrementally.

Management

Provide for review of MSDIS operations and budget.

*2nd quarter comments –
Last quarter's budget and report provided to the MGISAC via the web.*

*1st Period comments –
An annual fiscal report will now be generated based on new requirements specified by the MGISAC. That report will be posted with this document to the web site.*

Maintenance and development of the MSDIS computing environment for the support of the clearinghouse function and provision of security and continuity for MSDIS functionality.

*2nd quarter comments –
Partnership node providing LiDAR product data download at Washington University went live on January 6th, 2011. Several issues were discovered by users that were quickly corrected. We're all new to serving such data so please bear with us during this comment and adjustment period. All constructive user input will be considered for functionality adjustments.*

Data is here: http://maps.wustl.edu/mo_lidar_data/

*1st Period comments –
Additional LiDAR data (Boone County) is ready for transport to WUSTL for serving – Jefferson County is soon to be QA/QC'd.
Various short outages have been experienced due to network issues at the University. The University has been moving server equipment to new Cisco switches to address the issue and we hope a consistent environment is ahead in the server rooms. Since we are running both the legacy site and the new MSDIS-Web GeoPortal simultaneously under one alias our data is backed up at both locations (North Node and Campus Telecommunications).
The GeoPortal database has been moved to MSDISWeb – freeing up the old MSDISData to be configured as the Imagery Service Development Server – DOIT is scheduling the configuration of the operating system. There are 177 metadata records currently published – all FGDC compliant and either shapefiles (requested by MGISAC members as an option) or file geodatabases. A strategic plan is being developed to address the loading of the remaining metadata records that will disable the Portal's FGDC filter (which has proven to be extremely sensitive) – currently records load very slowly as dozens of errors show up for each record – when correctable at all they can take up to 30 minutes to load fixed versions. We have records of over 12,000 metadata records – ideally we'd like to publish them all – but we're coming to realize there might have to be some realistic compromises made to ensure the Portal publishes as many metadata records as practical. This project also bleeds into our ongoing effort to inventory Missouri's geospatial data sets.*