

MSDI IMAGERY WORKING GROUP

11/22/2016

Montana State Library Grizzly Room
Meeting Notes

Attendees

- (in person) Erin Fashoway, Cathy Maynard, Jane Horton, Bret Lian, Troy Blanford, Evan Hammer, Ted Chase, Christian Hinderman, Lydia Bailey, Michael Fashoway
- (on phone) Eric Spangenberg, Kyle Campbell, Steve Shivers (Google), Brad Brackell (Sanborn), Jeff Hedstrom, Tony Kimmet

MRF Imagery Format:

- Esri developed a new approach to data compression where you set a tolerance for how much the compressed values can change from the original values. Algorithm is called LERC (Limited Error Raster Compression). LERC is implemented within MRF (MetaRasterFormat), a file format designed by NASA JPL for fast access to raster datasets. This file format takes advantage of tiling schemes to enable web-based caching.

NAIP Updates

- 2015 (2016) imagery being flown for Montana to fill in gaps.
- Montana is on the schedule for 2017 NAIP

Valtus Product

- 1-foot resolution imagery - collected at the same time as NAIP. Subscription imagery

Google/Sanborn Technical Presentation

- One-hour presentation on their imagery products
- Google recently purchased Skybox.
- Cost based on Square Kilometers
 - \$3 SqKm for RGB only
 - \$6 SqKm for RGB w/infrared
- Other states using their products
 - Utah uses 6" google imagery
 - Texas uses their products – two cents per gb per month
 - 1000 users hitting WMS a day
 - DOTs are the biggest user of Google Imagery

Agenda items for next meeting...

- Presentation by Ascent GIS – featuring Valtus
- Local gov't presentations
- NAIP 2017