ECHO Technical Committee Meeting 8.6.2013

ECHO has been replaced by the **Common Metadata Repository (CMR)**, a high-performance, high-quality, continuously evolving metadata system that catalogs all data and service metadata records for the EOSDIS system and will be the authoritative management system for all EOSDIS metadata.

The information contained within this ECHO wiki is now archived for historical reference. Please navigate to the **CMR wiki pages**, or to the **CMR Overview page** on **Earthdata**.

- Attendance
- ECHO System Status
  - System Issues
  - Recent Metrics
  - Heat Maps from Past Year
    - Bounding Box Searches in ECHO
    - Point Searches in ECHO
    - Polygon Searches in ECHO
- Release Status
  - In Operations 10.65
  - In Development 10.66
- Discussion Topics
  - Reverb Tutorial Refresh
  - Upcoming Leave of Absence
- Open Floor

Dial-In Information
Telecon Number 877.973.2179 Passcode 770291

Attendance

Name	Organization
Kathleen Baynes	ECHO
Unknown User (djnewman)	ECHO
Jon Velapoldi	ECHO
Renea Ericson	NSIDC
Mary Nair	GHRC
Frank Schaffer	NSIDC
Chris Finch	JPL
Cathy Fowler	NSIDC
Ed Seiler	GES DISC
Ben McMurry	ORNL
Jody Rundell	LPDAAC
Matt Martens	LPDAAC
Greg Cates	LARC

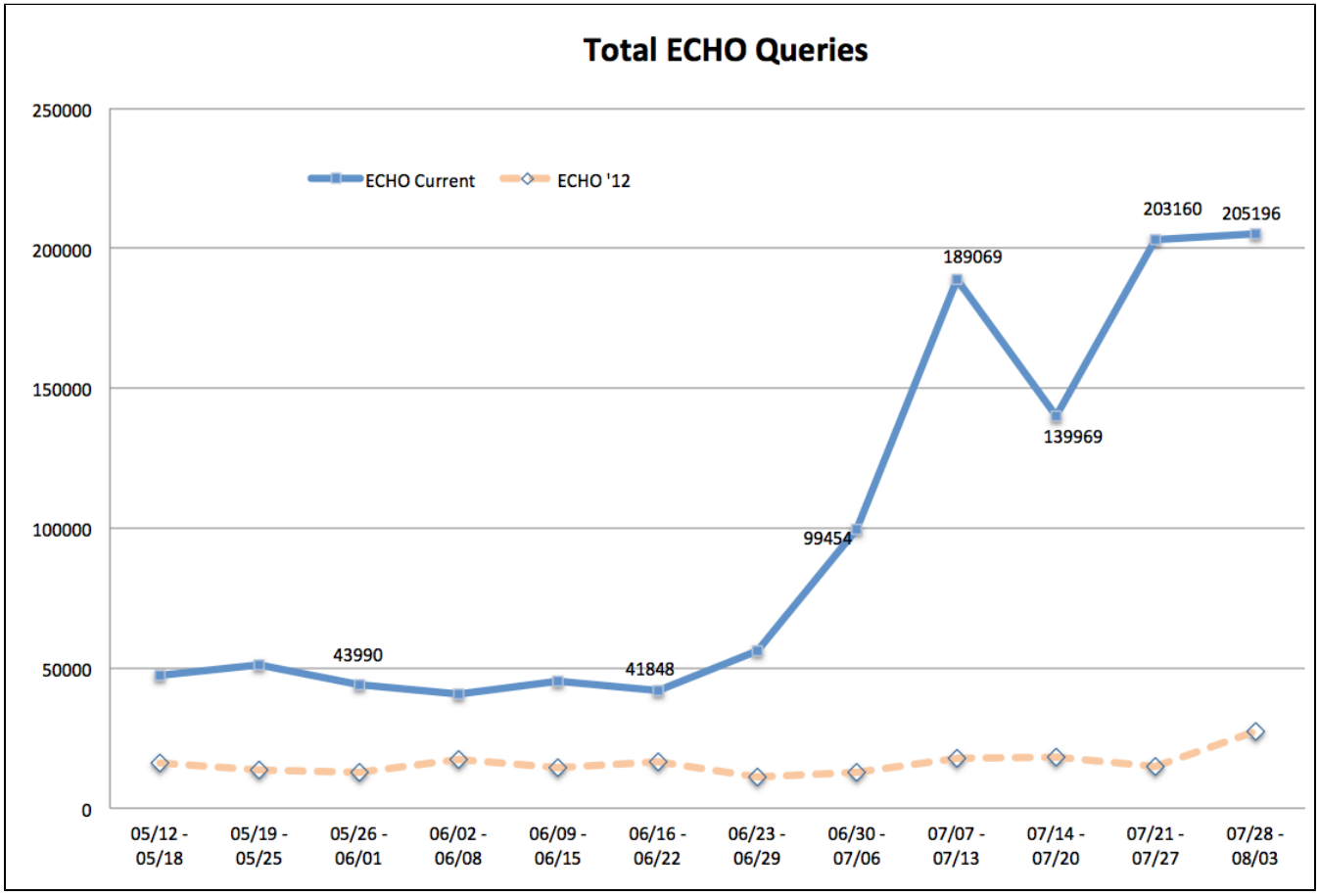
Lisa Booker	NSIDC

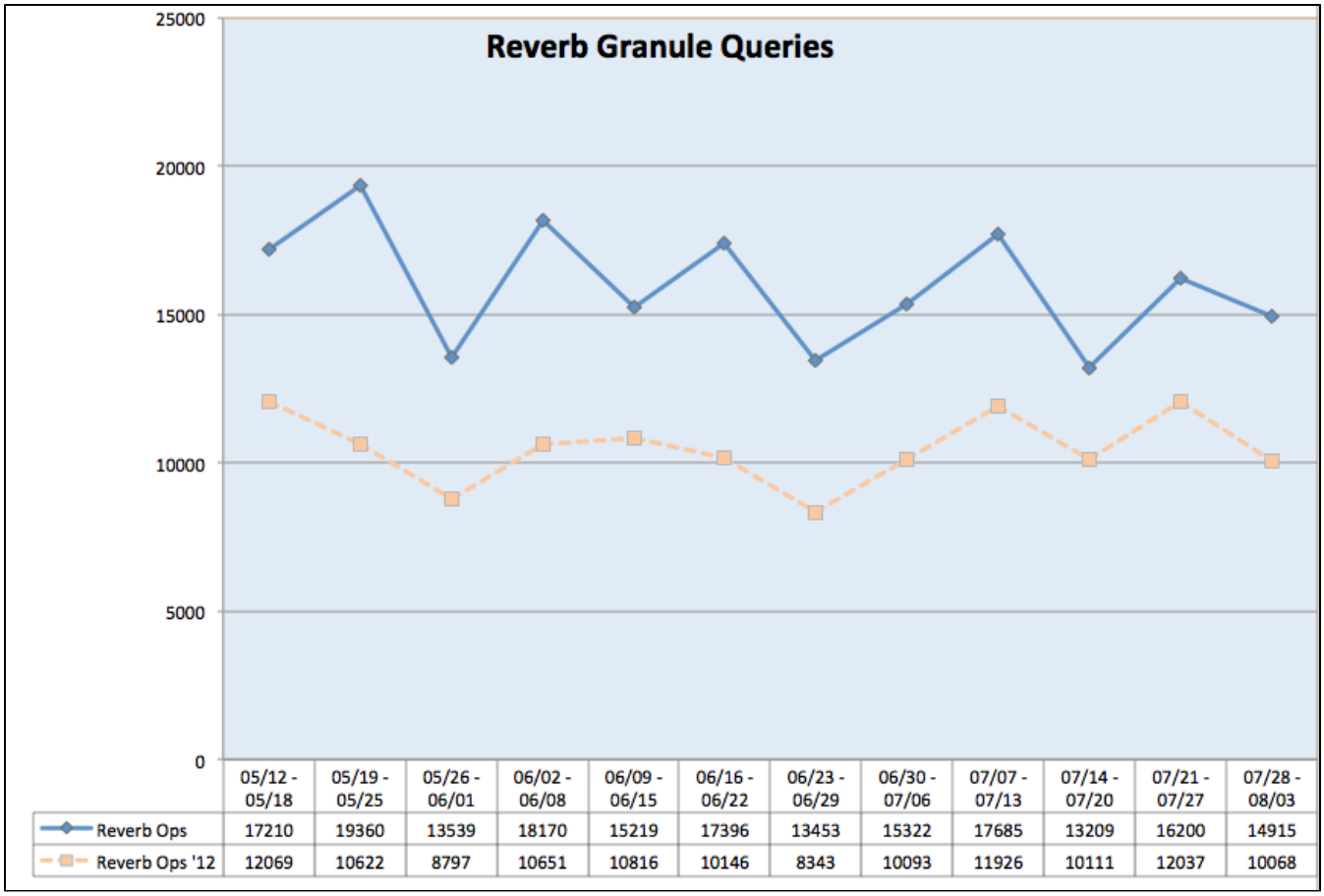
ECHO System Status

System Issues

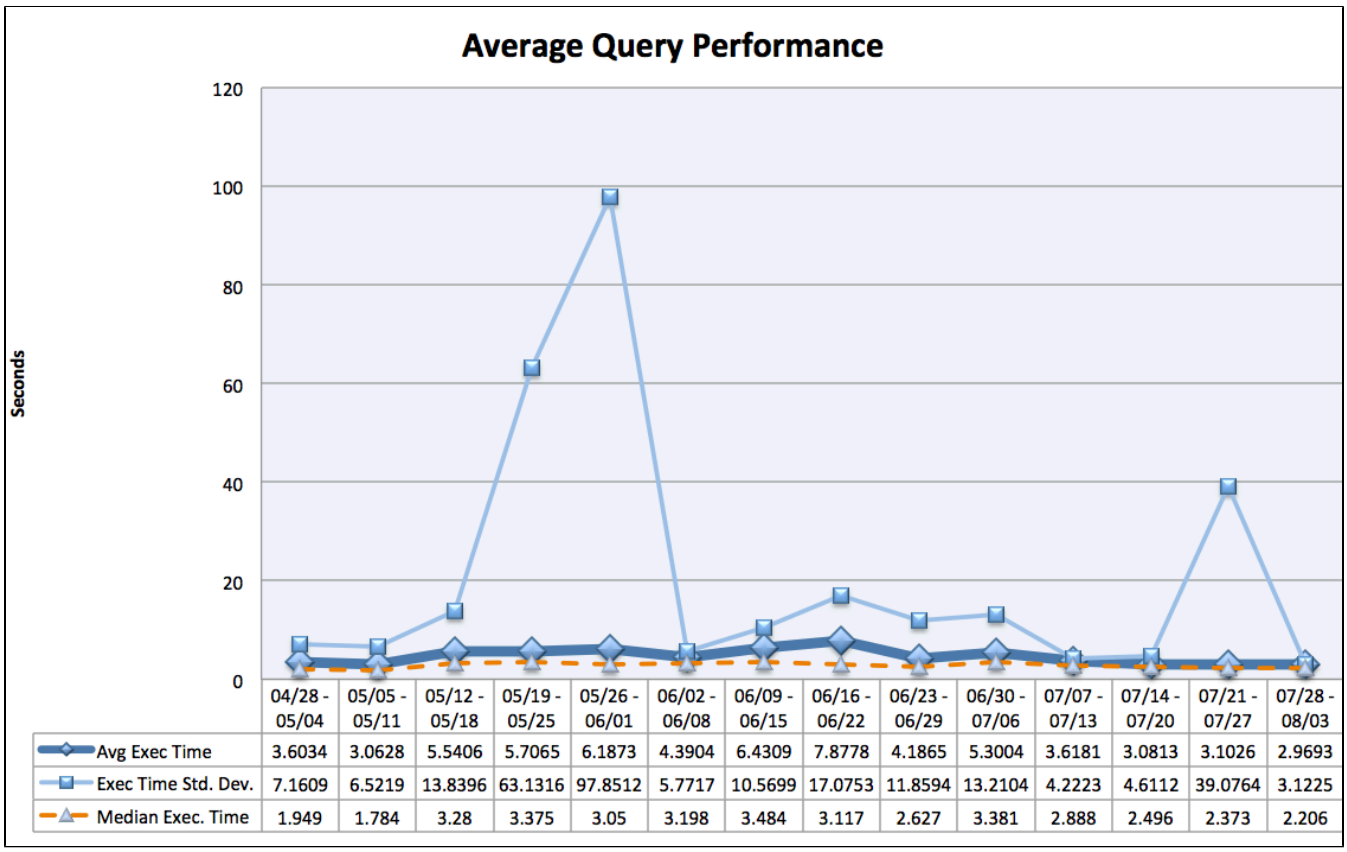
- 7.30.2013 - 10.65.2 live push to PT @ 9:31. Completed @ 9:41am
- 7.31.2013 - Operations Outage from 5:14 PM through 5:36 PM. Degraded Service Event Report
- 8.2.2013 - Live Patch Release to all Environments (IPV6 Related: NCR 11014072)

Recent Metrics

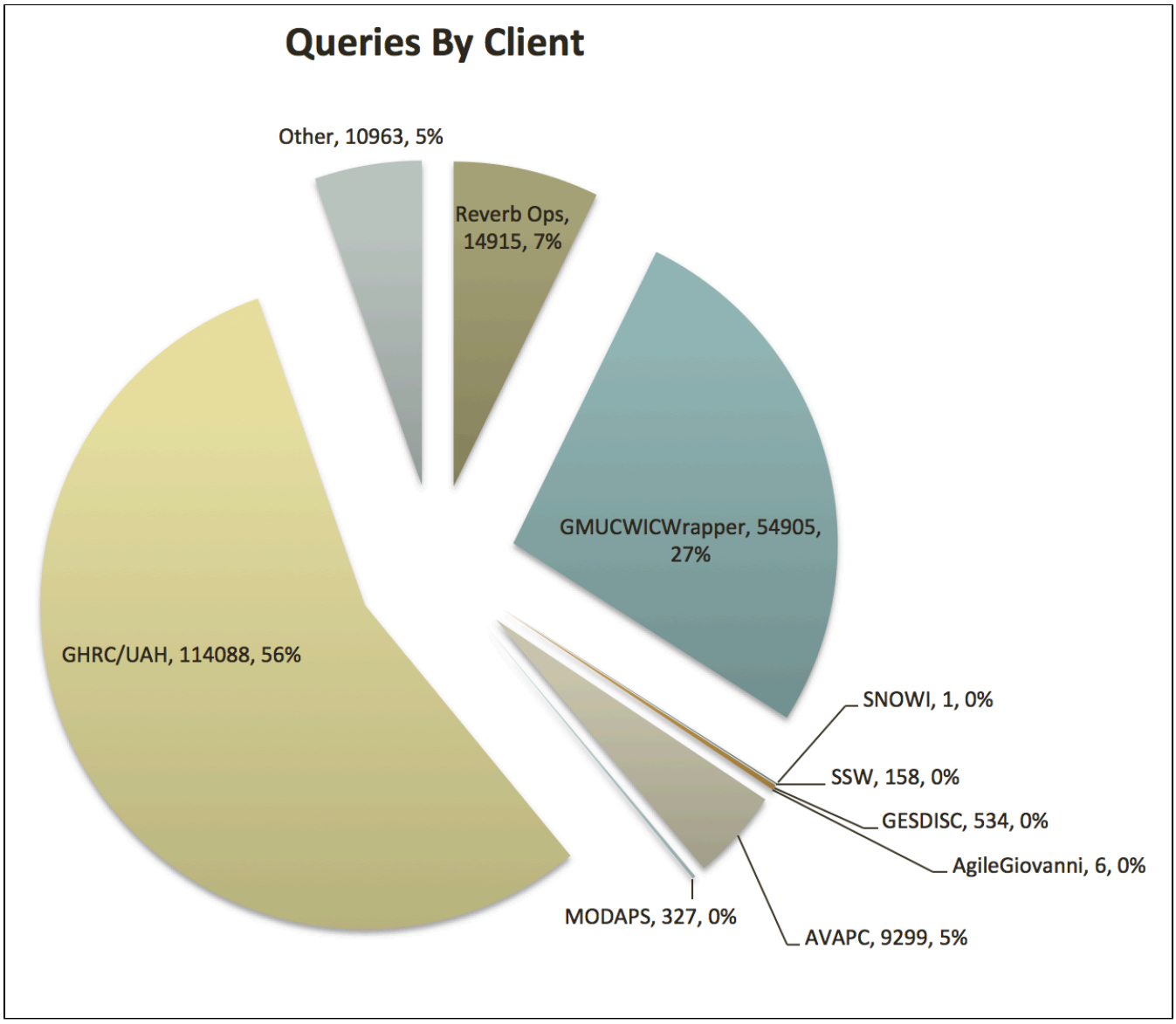




	05/12 - 05/18	05/19 - 05/25	05/26 - 06/01	06/02 - 06/08	06/09 - 06/15	06/16 - 06/22	06/23 - 06/29	06/30 - 07/06	07/07 - 07/13	07/14 - 07/20	07/21 - 07/27	07/28 - 08/03
Reverb Ops	17210	19360	13539	18170	15219	17396	13453	15322	17685	13209	16200	14915
Reverb Ops '12	12069	10622	8797	10651	10816	10146	8343	10093	11926	10111	12037	10068

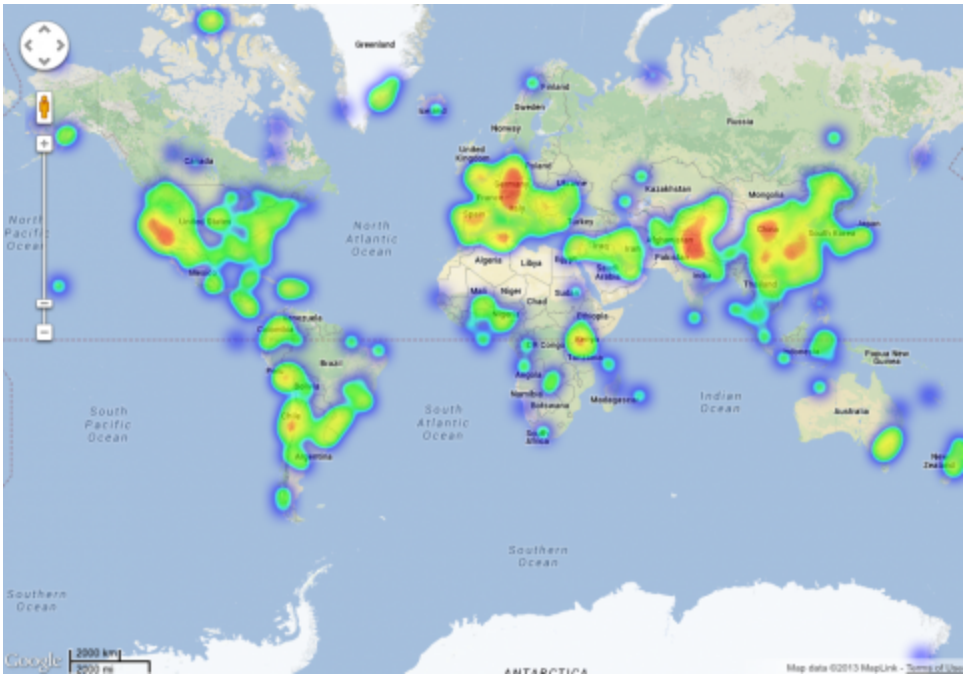


	04/28 - 05/04	05/05 - 05/11	05/12 - 05/18	05/19 - 05/25	05/26 - 06/01	06/02 - 06/08	06/09 - 06/15	06/16 - 06/22	06/23 - 06/29	06/30 - 07/06	07/07 - 07/13	07/14 - 07/20	07/21 - 07/27	07/28 - 08/03
Avg Exec Time	3.6034	3.0628	5.5406	5.7065	6.1873	4.3904	6.4309	7.8778	4.1865	5.3004	3.6181	3.0813	3.1026	2.9693
Exec Time Std. Dev.	7.1609	6.5219	13.8396	63.1316	97.8512	5.7717	10.5699	17.0753	11.8594	13.2104	4.2223	4.6112	39.0764	3.1225
Median Exec. Time	1.949	1.784	3.28	3.375	3.05	3.198	3.484	3.117	2.627	3.381	2.888	2.496	2.373	2.206

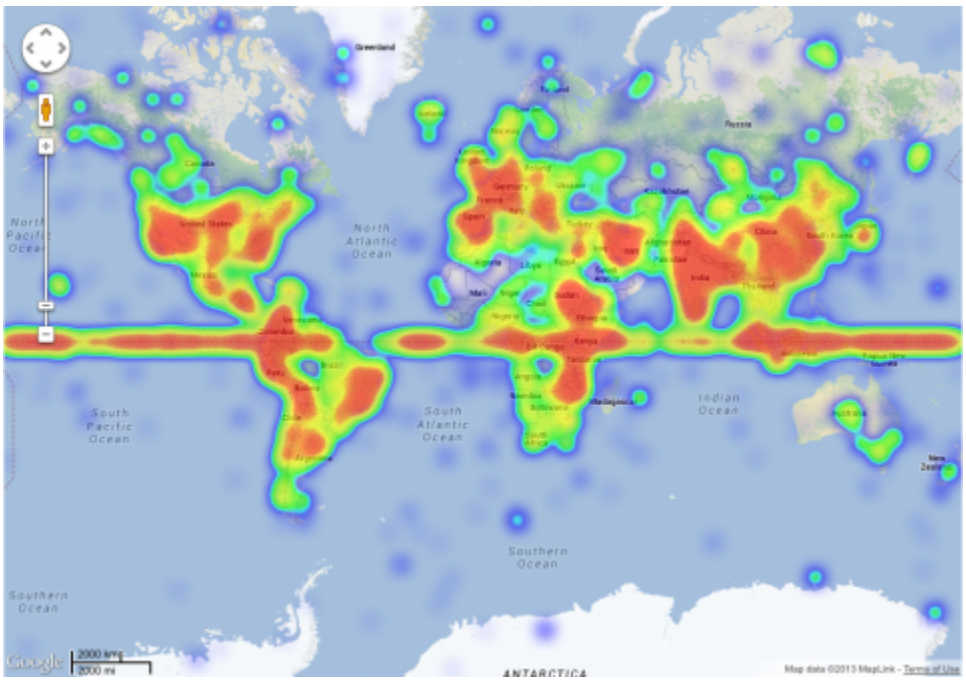


Heat Maps from Past Year

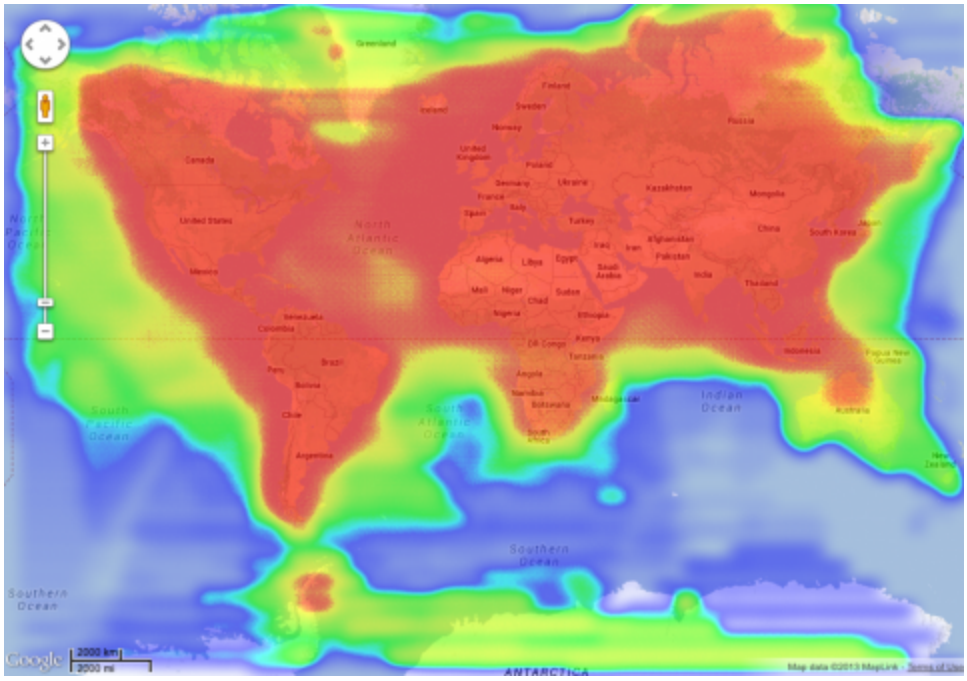
Bounding Box Searches in ECHO



Point Searches in ECHO



Polygon Searches in ECHO



Release Status

In Operations 10.65

- 3 week sprint, ending 7/12
- Pushed to Operations 7/31
- NCR 11012161/11012349: ECHO:Reverb Make the granule results columns sortable
- NCR 11012270: Update the look and feel of the reset password page
- NCR 11012526/110114005: Adding granules to the shopping cart, each click extends the width of the result row
- NCR 11012560: Update Password Page Does not display password rules
- NCR 11012592: Error changing order option definitions after using back button on order submission pages
- NCR 11013466: Granule search results "disappearing" when scrolling through a specific search.
- NCR 11013525: Blink Usability: Help Icons Should Be Visible at all Times
- NCR 11013526: Blink Usability: Map Selection Confusion
- NCR 11013940: Reverb reports "Password not sufficiently complex" during password change without indicating requirements
- NCR 11013951: FTP Batch script generation throws 500 error on certain links.
- NCR 11013973: Add date metadata headers to Catalog REST dataset and granule retrieval (**unplanned**)
- NCR 11013981: Reconciliation errors due to element list ordering (BMGT re-write)

In Development 10.66

- 5 week sprint, ending 8/16/2013
- Sprint extended to compensate for upcoming development team outages
- NCR 11012005: Reverb: Bypass Order Options (LPDAAC)
- NCR 11013511: Selecting multiple granules from the granule results list
- NCR 11013524: Blink Usability: Give hint text for multi-select in option selections
- NCR 11013798/11013972/11013974: Create visualization/gui that allows providers and ECHO ops to easily see state of ACLs, Catalog and Index.
- NCR 11013955: More caching issues experienced at NSIDC
- NCR 11013963: Reverb ignores search keywords after an ampersand
- NCR 11013989: Retrieving .atom format granules for SMAP ISO datasets causes 500 errors.
- NCR 11013996: Malformed science keyword search gives 500 error
- NCR 11014001: Clicking the "Clear Criteria" button on the Reverb home page does not clear Science Keywords
- NCR 11014003: Investigation: ECHO query performance mean has crept up from 3 seconds in April to 8 seconds in June
- NCR 11014004: Data Access: Service Request Status Service Request IDs (in Reverb) do not match the Request ID sent in the email correspondence to the User (LPDAAC)
- NCR 11014008: Downloading metadata from Reverb changes
- NCR 11014039: Reverb help icon is unappealing (**unplanned, backported**)
- NCR 11014072: ECHO IPv6 address too big to fit in Table. (**unplanned, backported**)

Discussion Topics

Reverb Tutorial Refresh

- Link for Review
- NCR in place to move it into Operations (10.66 or 10.67)
- Preview of Reverb Video Tutorial Refresh Link in Tutorial
- Moving ECHO/Reverb FAQ into ECHO's Kayako Knowledgebase

Upcoming Leave of Absence

- Estimated Start Date of September 5th
- Unknown User (djnewman) will be conducting the ETC until mid-November

Open Floor