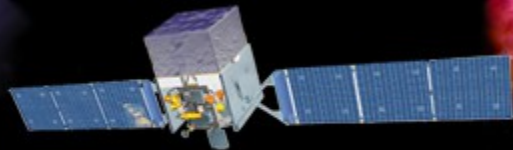




FSSC Data & Software Status

Dave Davis
FSSC Archive Scientist



FSSC Data Status

► *LAT Data Server*

- *Currently Serving P7REP data*
- *Data Volume downloaded 35.4TB (Feb 16 2015)*
- *Average of 533 photon queries/day (mission average)*
 - *Total of 19.25 TB of photon data served (Feb 8 2015)*
 - *Total of 2.11 TB of event data served (Feb 8 2015)*

► *LAT DATA*

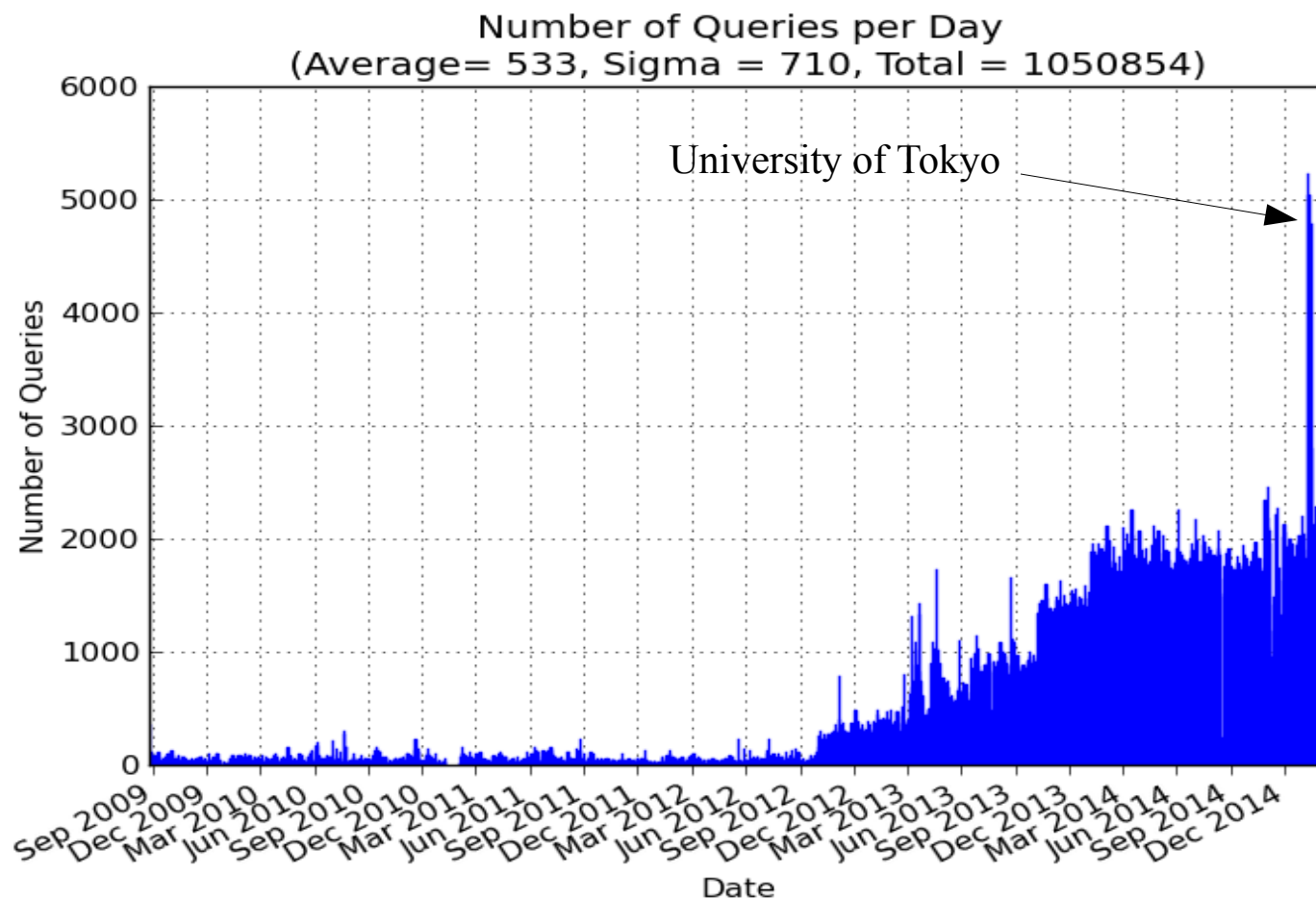
- *Ingest is continuing smoothly*

► *GBM*

- *Download and Ingest proceeding smoothly*



LAT Data Sever Queries





Science Tools Current Status

► *Updated / New products available*

– *Released Fermi science tools (v9r33p0) June 5 2014*

- *Scientific Linux 5 & 6*
- *Mac OS X (10.9, 10.10)*
- *Fedora 18 & 20*
- *Ubuntu 14.04*

► *User Contributed tools*

- *Make3FGLxml for use with 3FGL catalog*
- *like_lc tool updated to use additional spectral models*
- *like_bphase to generate phase resolved light curves for binaries*
- *enrico – GUI based LAT analysis suite*

► *GBM*

- *rmfit 4.3.2 is still current – instructions updated for OS X Yosemite*
- *OSV tool to estimate GBM backgrounds*



Science Tools Status & Plans

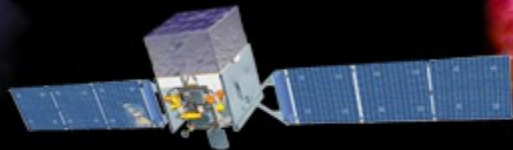
► *Science Tools Release for spring 2015*

- *Code updates for pass 8 data*
 - *~ 2 weeks for code ingest and regression testing after SLAC tag for public release*
- *Final irfs and diffuse models*
 - *~3 weeks of HITL testing*
 - *~1 week to finalize the public package*
- *Pass 8 data ingest*
 - *Photon data*
 - *Transfer and verification 4-5 days*
 - *Load public dataserver and test 8 days*
 - *Event data*
 - *Transfer and verification 8 days*
 - *Load public event server 6 days*
 - *Verify dataserver and preform integrity checks 1 day*



FSSC Help Desk

- ▶ *The Help Desk has received ~2920 queries over the life of the mission*
- ▶ *We're now receiving ~1 query per 1.3 days*
 - *75 – 80% asking for information*
 - *20 – 25% are reporting errors or perceived errors*



Backup Plots

