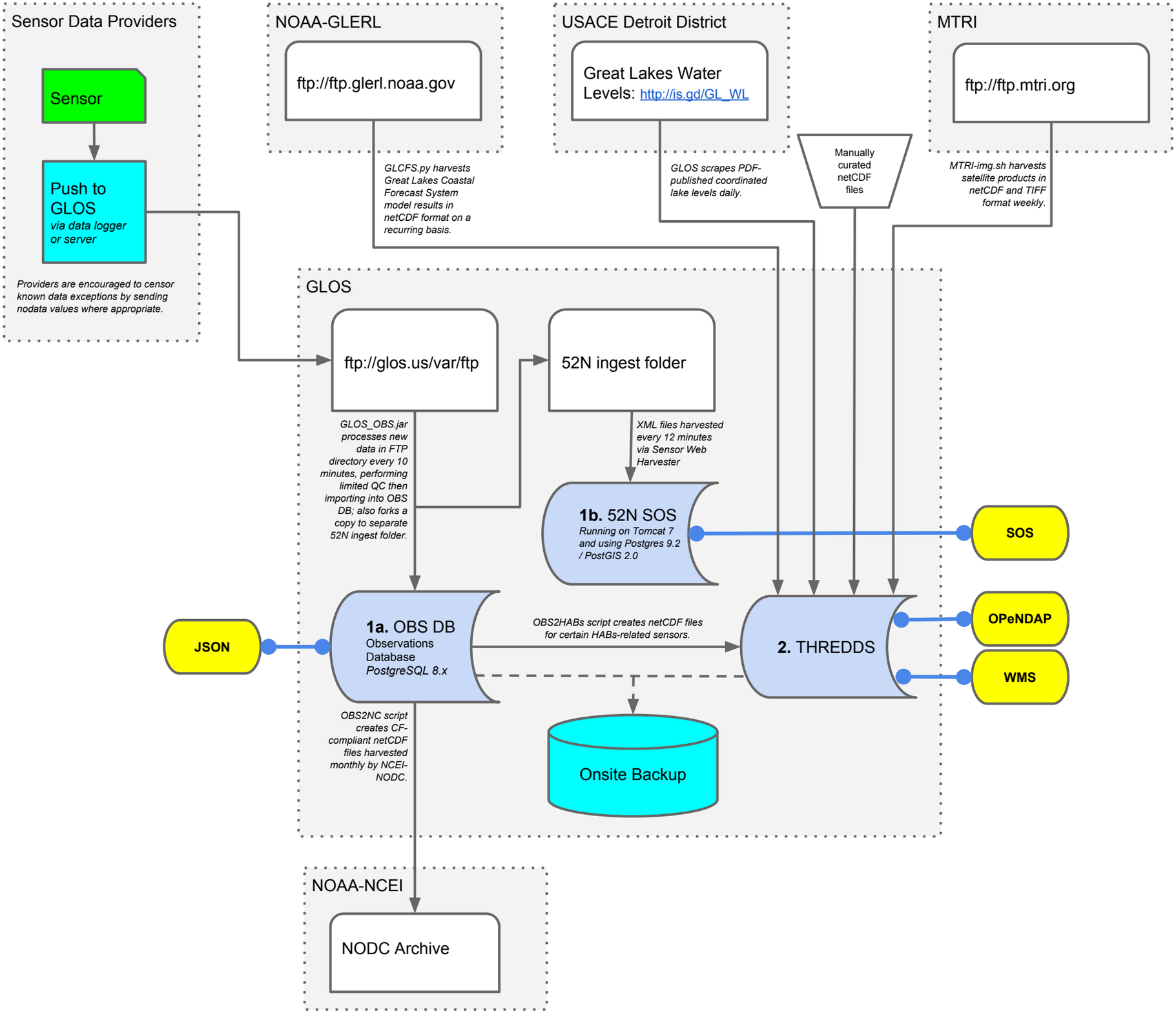
Sensor Data Providers
Sensor
Push to GLOS
via data logger or server
Providers are encouraged to censor known data exceptions by sending nodata values where appropriate.
NOAA-GLERL
ftp://ftp.glerl.noaa.gov
GLCFS.py harvests Great Lakes Coastal Forecast System model results in netCDF format on a recurring basis.
USACE Detroit District
Great Lakes Water Levels: http://is.gd/GL_WL
GLOS scrapes PDF-published coordinated lake levels daily.
Manually curated netCDF files
MTRI
ftp://ftp.mtri.org
MTRI-img.sh harvests satellite products in netCDF and TIFF format weekly.
GLOS
ftp://glos.us/var/ftp
52N ingest folder
GLOS_OBS.jar processes new data in FTP directory every 10 minutes, performing limited QC then importing into OBS DB; also forks a copy to separate 52N ingest folder.
XML files harvested every 12 minutes via Sensor Web Harvester
1b. 52N SOS
Running on Tomcat 7 and using Postgres 9.2 / PostGIS 2.0
SOS
JSON
1a. OBS DB
Observations Database
PostgreSQL 8.x
OBS2HABs script creates netCDF files for certain HABs-related sensors.
2. THREDDS
OPeNDAP
WMS
Onsite Backup
OBS2NC script creates CF-compliant netCDF files harvested monthly by NCEI-NODC.
NOAA-NCEI
NODC Archive