

Priority Uptime List

This list outlines the main network of servers within SSEC responsible for obtaining, processing, and distributing imagery and products to the National Weather Service.

Inputs:

- geoarc01 – location of GOES ADDE server(downloaded locally for processing)
- metop – location of AVHRR L1B data (downloaded locally for processing)
- pepe – location of GFS data (downloaded and converted to HDF on the processing machines)

Processing:

- awipsdata2 (gateway) – realtime processing of AVHRR products and runs the LDM server which disseminates products to the outside, if both awipsdata1 and awipsdata2 are offline, **no products will be disseminated**; primary injection for GINI imagery
- flash – processes UWCI and OTTC algorithms, hosts ADDE server for UWCI/OTTC and simulated ABI AREA files, runs LDM server for UWCI/OTTC for product dissemination outside of building
- hammer – realtime processing of GEOCAT GOES products. Files SCP'd to awipsdata2 for injection of products into LDM. Source of IMS snow mask input.
- hodie – runs nearcasting and creates output graphics for web with GEMPAK (files sent to acras for distribution over LDM)
- okmok – realtime processing of GEOCAT MODIS products. Files SCP'd to awipsdata2 for injection of products into LDM
- turbo – backup of flash, should flash fail, turbo will take over realtime processing (we should check that the LDM is on turbo and configured properly just to be safe)
- zara cluster – processes realtime simulated ABI data from NSSL WRF; soon will also run LDM server for disseminating simulated ABI AWIPS netcdf files

Distribution:

- acras – initial feeder for CRAS GRIB2 output (NWS connects to awipsdata1/2)
- awipsdata1 (gateway) – sends all AWIPS imagery and products (awipsdata2 is alternate feeder), if both awipsdata1 and awipsdata2 are offline, **no products will be disseminated**; also runs decoders for in-house AWIPS network
- awipsdata3 – primary injection of nearcasting in GEM format for National Centers; also runs decoders and retains realtime archive for in-house N-AWIPS

Last modification: Jordan Gerth, 5/21/2011