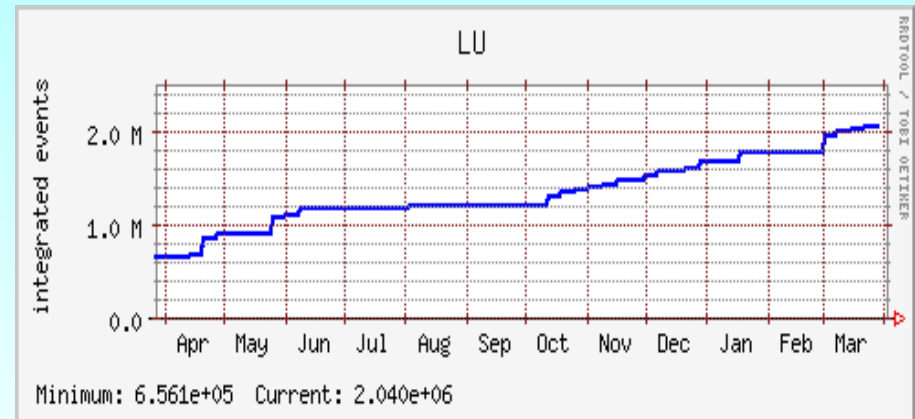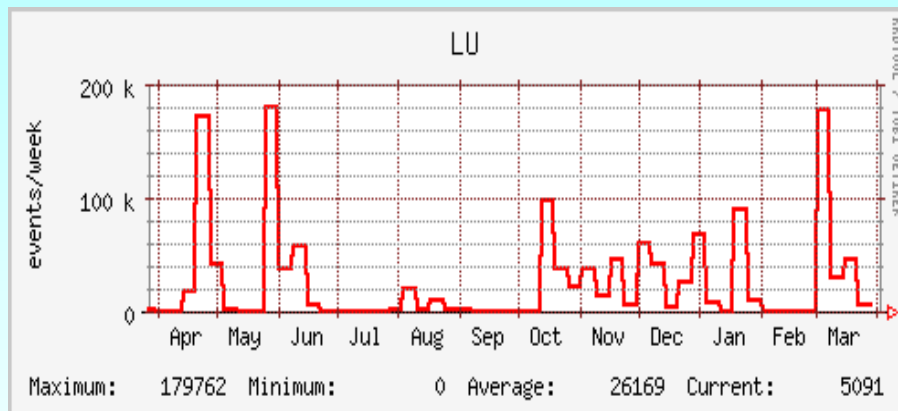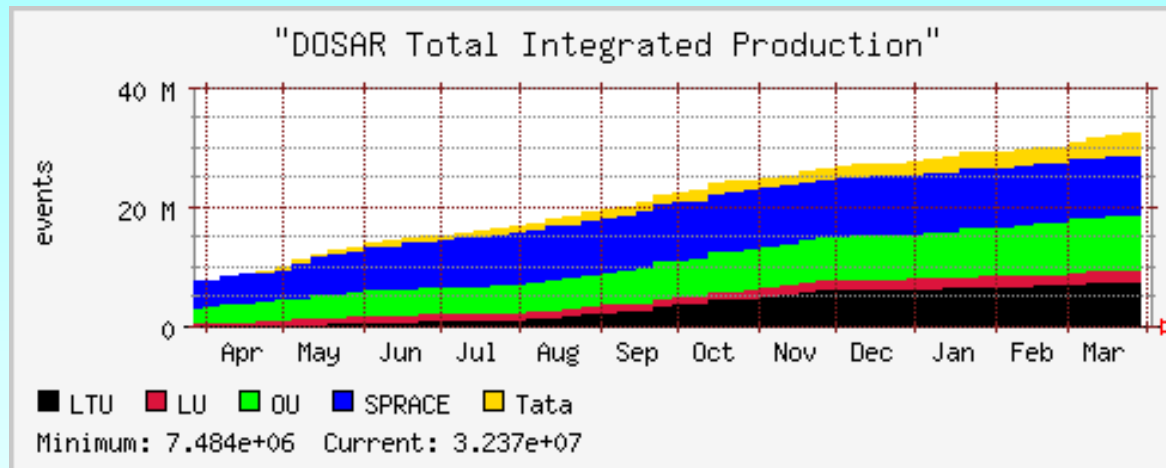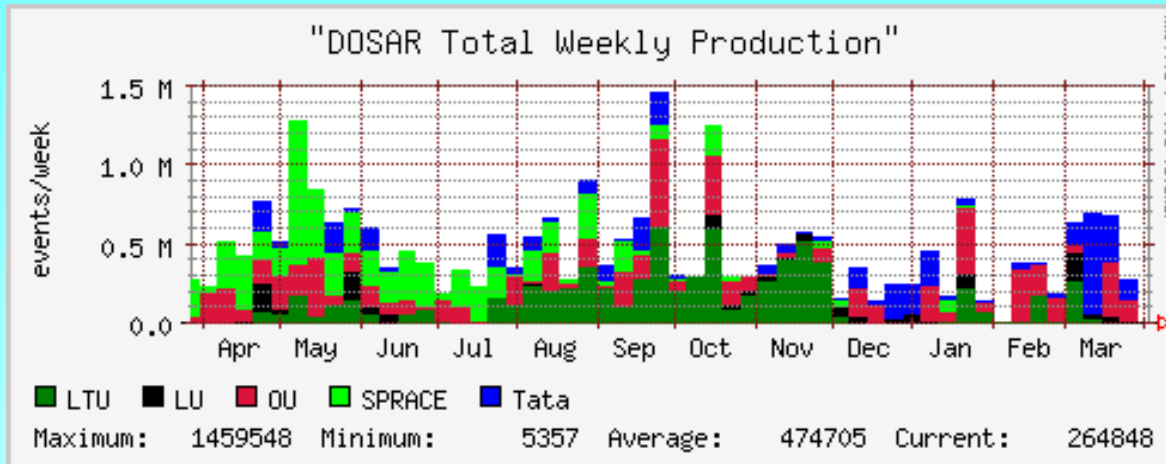# Langston University Site Report

Cluster Hardware

- Desktop variety - 10 nodes, 14 CPU's, 10 GB RAM, 2.5 TB disk
  - 6 nodes, 10 CPU's, 24 GHz-CPU for production
- ~8.6 GFlops as reported by Condor
- Debian Gnu/Linux OS 3.1
- Network has 1000 Mbs intracluster, 100 Mbs intercluster

LUHEP DØ MC Production

- SAMGrid installed and operating at LU since April 2004

- SAMGrid execution site and submission site
  - Submission site used by DOSAR

- 2.1M events in mcp17/20 era

- Developed Automatic MC Production System
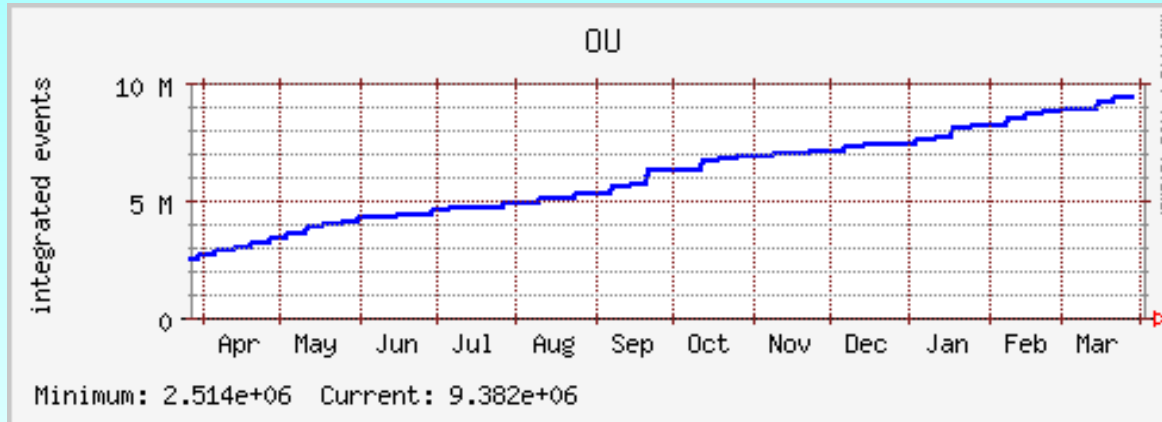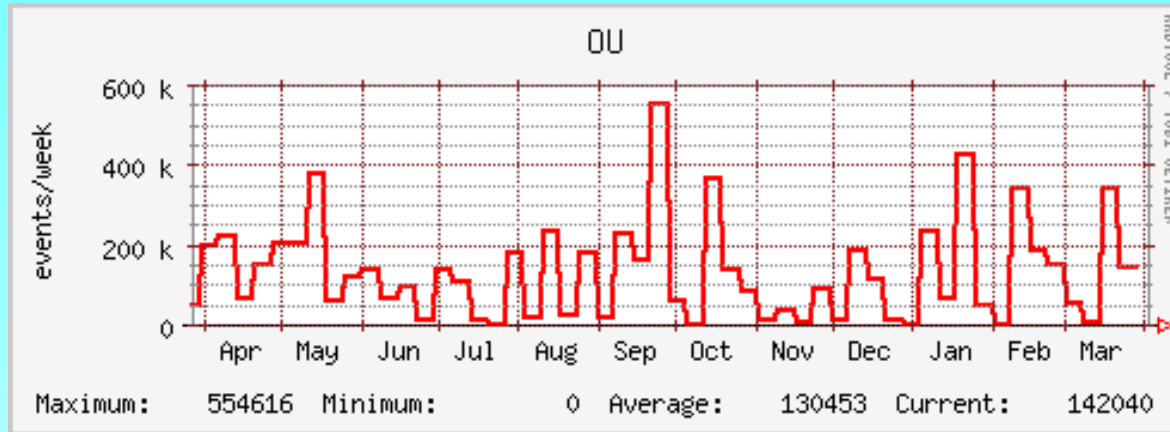 - deployed at d0mino1.fnal.gov

More DOSAR Production

32 Million Events

OU DZero Production

9.3 Million Events

Future Plans

- Continue DØ MC production

- Install OSG time/space permitting

- Obtain more machines time/space permitting

- Increase OU/LU ATLAS Tier 2 hardware