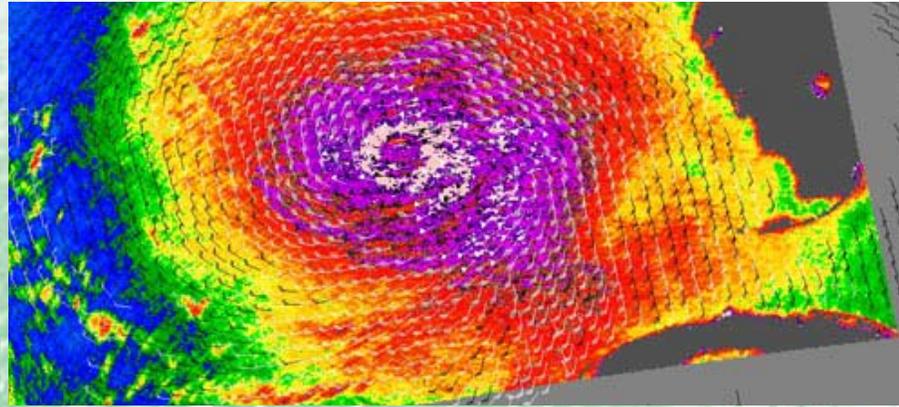




# PO.DAAC

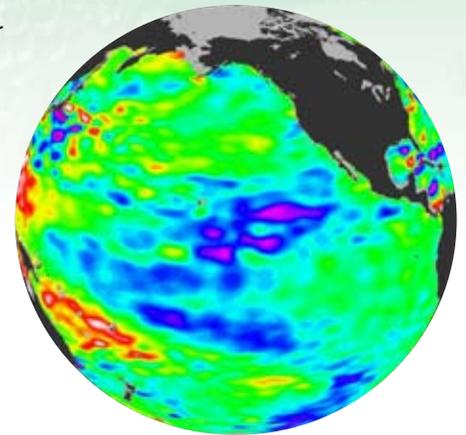
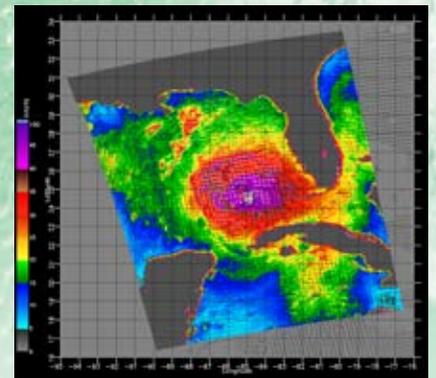


## OVERVIEW

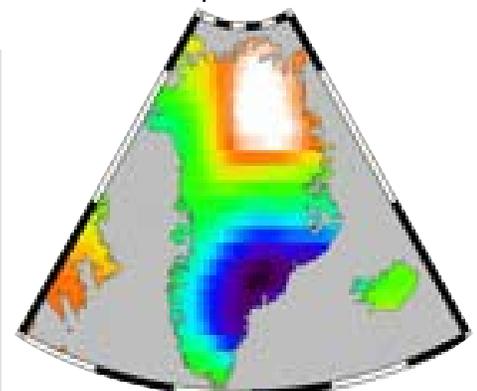
The Physical Oceanography Distributed Active Archive Center (PO.DAAC) is tasked with managing data to enable understanding and stewardship of the world's ocean. The data encompasses a broad range of applications, from understanding climate, to better management of our ocean resources and weather prediction. Although the focus has been on ocean measurements of sea surface height (SSH), sea surface winds, and sea surface temperature (SST), the PO.DAAC also supports the data management and distribution of data from the Gravity Recovery and Climate Experiment (GRACE). The PO.DAAC maintains ongoing critical support for missions such as Jason-1 and QuikSCAT, while also focused on future missions such as the salinity mapping Aquarius Mission. Historically, SST has been supported through the original NOAA/NASA Pathfinder program with ongoing data management and distribution of the pathfinder data through the partnership with NOAA's National Oceanographic Data Center and the University of Miami. International collaboration in the management and distribution of SST is ongoing with the integration of the Global Data Assembly (GDAC) of the Group for High Resolution Sea Surface Temperature (GHRSSST) into the PO.DAAC. The PO.DAAC maintains an on-line ftp site (<ftp://podaac.jpl.nasa.gov>) for

accessing all of the data products as well as the PO.DAAC Ocean ESIP tool (<http://poet.jpl.nasa.gov>) POET for browsing and subsetting in space and time. Access to all data products and documentation can be achieved by going to <http://podaac.jpl.nasa.gov>.

Data from the PO.DAAC are being used to better understand climate change. By including data from the TOPEX/POSEDON and Jason-1 satellites, measurements of global sea level from 1992 have been made. Winds from the QuikSCAT altimeter have been used to study interannual ocean variability, as well as hurricane research. Data from the GRACE Mission have illustrated the changes in the Greenland ice sheet, critical for understanding future consequences of climate change. GHRSSST data, being delivered through the PO.DAAC, is implemented in near real time applications, as well as for short term weather prediction through the collaboration with NASA's Short Term Prediction and Research Transition (SPoRT) Activity.



September 2007



## FACTS

- The PO.DAAC during the pass year has served 114,000 users. This includes 77,000 users accessing data through the world wide web, 26,000 downloading data from the FTP site, and 10,000 users accessing data through the POET interface.
- The PO.DAAC, during the same period of time, has distributed 75 terabytes of data to it's users.
- The PO.DAAC has, during the past year, delivered a total of 39 million files to users worldwide.