

### **NOAA/NESDIS Report on Current Use and Plans for NWP Monitoring**

At the present, the NOAA/National Environmental Satellite, Data and Information Service has no formal method of using NWP data for monitoring data quality. However, NESDIS is embarking on a project to develop a user-friendly, one-stop, searchable web-based system for compiling, monitoring, and archiving polar and geostationary satellite instrument performance data. This system will make use of existing systems where possible through the use of web links. The system shall 1) provide the ability for managers to access high-level data on instrument status so as to assist in making decisions, e.g., whether to discontinue operational use of data from that instrument, 2) maintain a history of metadata, e.g., to help climate scientists interpret features in time series of satellite-based geophysical data, and 3) provide engineering and radiometric performance information for monitoring instrument performance and data quality. All of the data and metadata used in the system shall be permanently archived and documented with the ability for easy retrieval. The system shall include links to NWP radiance monitoring sites for quality assurance.