Satellite Products and Services Division

The Satellite Products and Services Division (SPSD) provides automated environmental products and interpretive analyses from polar orbiting and geostationary satellites to a diverse user community. The Division provides customer service and user notifications, monitors product and service quality, conducts performance management and coordinates outreach and educational activities. It evaluates and deploys new technologies to satisfy emerging requirements.

SPSD serves as the **primary interface with the user community of environmental satellite data and products**:

- Works alongside research in the development of products and services from NOAA satellites.
- Evaluates new products for operational usefulness.
- Solicits feedback from users on the performance and usefulness of operational satellite products and services.
- Provides analysis and interpretation of satellite products; natural hazard mitigation.
- Provides unique services such as Web Pages, GIS, Google Earth.

Satellite Analysis Branch (SAB)

The Satellite Analysis Branch produces interpretive analysis products **24x7** to mitigate environmental and man-made hazards and serves as the primary user interface for NOAA's real-time satellite imagery human interpretative products and multi-disciplinary environmental analyses. The Branch monitors real-time satellite imagery and products. The Branch supports hazards response and warning services for U.S. Government and state agencies, the international community and other users by providing around-the-clock, quality-controlled environmental analyses for decision support applications. It tests, evaluates and validates new interpretive satellite analysis techniques and satellite-derived products to assess their suitability for operational implementation.

Marine Pollution Surveillance Program

Precipitation Operation

Fire, Smoke and Air Quality Program

Tropical Program

Volcanic Ash Program - The Washington VAAC

Satellite Products Branch (SPB)

The Branch leads corrective and adaptive maintenance activities, monitors quality and evaluates system performance of product applications. The Branch works with research partners to develop, integrate and implement new science algorithms, technology and dissemination methods from current and future satellites into new operational products. It provides science software test and integration functions for new product applications.

Atmospheric Products
Aerosols   Clouds   Ozone & Atmospheric Chemistry
High Density Winds   Radiation Budget   Soundings
Precipitation
Land Products
Surface & Hydrology   Vegetation   Soil Moisture
Ocean Products
Coral Bleaching   Sea Surface Temperature
Ocean Color
Ocean Heat Content   Sea Surface Heights
Hazards
Significant Precipitation   Volcanic Ash   Oil Spills
Fire and Smoke   Harmful Algal Blooms
Hurricane Imagery, Intensity and Position