The Crustal Dynamics Data Information System (CDDIS) is a dedicated data center supporting the International Geodynamics and Earthquake Engineering Community (IGEEC) by delivering data, products, information and related services for research related to deformation, crustal dynamics, and global positioning systems. It is a focal point of the CDDIS data network and provides access to the CDDIS data center services.

### CDDIS OVERVIEW

The CDDIS provides services to the global geodetic community, including:
- **International DORIS Service (IDS)**
- **International Laser Ranging Service (ILRS)**
- **International GPS Service (IGS)**
- **International Earth Rotation Service (IERS)**
- **International Geophysical Data Information System (IGD-IS)**
- **International Geophysical Data Information System (IGD-IS)**

The CDDIS data center is responsible for providing access to data, products, and information about these data. The CDDIS was established in 1982 as a data bank to support international space geodesy community, providing easy and ready access to a variety of data sets, products, and archives. The CDDIS is a dedicated data center for the CDDIS data network and provides access to the CDDIS data center services.

### CDDIS ARCHIVE STATISTICS

- **Number of GPS, GLONASS, Laser Ranging, and DORIS Files Retrieved from the CDDIS**

### DATA FLOW FOR INTERNATIONAL SERVICES

- **Analysis Center/User Community**
- **Complete Data Files (in appropriate type-specific formats)**
- **Global Data Center**
- **Compressed Data Files (in appropriate type-specific formats)**
- **International Data Center**
- **Regional Data Center**
- **Raw Data**
- **Space Geodesy Network Stations**

### FOR FURTHER INFORMATION

Carey Noll and Maurice Dube
NASA GSFC

### DATA PRODUCTS

#### IDS DATA AND PRODUCTS

The main mission of the International DORIS Service (IDS) is to provide a service to support geodetic and geophysical research activities through DORIS data and products. This service has been operational since 1994. The current network consists of nearly 500 independently operating, global distributed stations that provide DORIS data to IDS data centers on a daily, monthly, and quarterly basis. These DORIS data are used by the IGS for the high-precision determination of geophysical state vectors such as precise satellite ephemeris and clock information.

#### ILRS DATA AND PRODUCTS

The International Laser Ranging Service (ILRS) is an open service to support geodetic and geophysical research activities through laser ranging and its related products. The ILRS is an international service that operates on an accurate International Terrestrial Reference Frame (ITRF). The ILRS operates the network of laser ranging stations and provides data and products to users worldwide. The ILRS provides daily and monthly full-rate data files from a subset of the global network, sorted by satellite, in ILRS full-rate format.

#### GPS DATA AND PRODUCTS

The International GPS Service (IGS) is an open service to support geodetic and geophysical research activities through GPS ranging and its related products. IGS provides GPS satellite and IGS tracking station clock information.

#### IVD DATA AND PRODUCTS

Products generated by International VLBI Service for Geodynamics and Astronomy (IVS) contribute to many areas, including Earth, solar, and planetary dynamics and VLBI technique improvement. The primary functions of the IVS are to provide a service to support geodetic, geophysical, and astronomical research and operation activities, and to provide a focal point for research and development for VLBI and to interact with users.

### CDDIS Web Site

http://cddisa.gsfc.nasa.gov