



**International  
GPS  
Service**



International GPS Service



International Association  
of Geodesy  
International Union of Geodesy  
and Geophysics



Federation of Astronomical  
and Geophysical Data



National Aeronautics and  
Space Administration  
Jet Propulsion Laboratory  
California Institute of Technology  
Pasadena, California

JPL 400-839 7/99

**1998**  
I G S

**A n n u a l R e p o r t**

*The IGS 1998 Technical Reports volume is the companion to this IGS 1998 Annual Report. The Technical Reports volume is available from the IGS Central Bureau upon request, and is also accessible at the IGS World Wide Web (WWW) site, known as the IGS Central Bureau Information System (CBIS).*

*The CBIS can be accessed using the WWW or via anonymous*

*File Transfer Protocol (FTP) —*

- *WWW — <http://igsch.jpl.nasa.gov>*

- *FTP — [igsch.jpl.nasa.gov](ftp://igsch.jpl.nasa.gov). Use the directory /igsch. See*

*README.TXT for online help; TREE.TXT and IGSCB.DIR for directory and file information.*

*For the IGS Mail archive, please see —*

- *<http://igsch.jpl.nasa.gov/mail/mail.html>*

*The United States' Global Positioning System (GPS) constellation of satellites plays a major role in regional and global studies of Earth. Data products of the International GPS Service (IGS) may be accessed on the Internet through the Central Bureau, sponsored by the National Aeronautics and Space Administration (NASA) and managed for NASA by the Jet Propulsion Laboratory (JPL) of the California Institute of Technology.*

---

*On the Cover: An abstract representation of polar motion as established by the IGS from June 1993 to June 1999. Courtesy of the CODE Analysis Center (Beutler et al., 1999).*