

June 7 - 13, 2002

The Terra spacecraft is in nominal mode. All instruments are functioning well in science mode.

The 7-day demo of two MODIS data dumps per orbit in support of NPP planned for Thursday, June 13 at 9 a.m. EDT through Thursday, June 20 at 9 a.m. EDT is underway. This test will overlap the STS-111 mission, presenting a challenging scenario for acquiring the required TDRSS time, and potentially impacting the ability of Terra to obtain two MODIS dumps per orbit for some time periods.

On Wednesday, June 12, (DOY 157 from 20:48:44 - 22:05:12) the Terra On-board Navigation System diverged, resulting in degraded position knowledge for the spacecraft during this time interval. The divergence came as a result of the planned orbit station keeping maneuver on TDRS-West, coupled with the fact that many consecutive TDRSS passes for Terra before and after the TDRS-West maneuver were required to use the same TDRSS satellite (TDRS-West), a result of priority user demand including STS-111 and International Space Station.

The next drag make-up maneuver is scheduled for June 19.