

February 23 - March 1, 2001

The Terra spacecraft is currently operating in Nominal Mode. All five instruments are functioning well in Science Mode. There were no Terra data lost during this reporting period. A Master Oscillator Frequency Adjust was successfully performed on February 22 at 20:40:50z.

On February 26, the SGS ground station in Norway was not configured properly during the 14:48:02z overpass, leaving the Terra Flight Operation Team unable to uplink commands. White Sands later experienced an 'Executive Computer Failure' just before the Terra pass scheduled for 20:20:00z and could not pick up TDRS 171. A TDRS-W contingency pass was scheduled for 21:27:44z and was executed successfully. No data were lost.

On February 26 from 15:44:39 - 16:15:10z, the SSR successfully recorded and later played back MODIS Day Mode data at night, per the MODIS Instrument Team request.

A High Gain Antenna Motor Drive Assembly failure occurred at 02:45:35z on February 27; reset occurred autonomously and there was no resultant data loss.

The ASTER Shortwave Infrared (SWIR) Temperature anomaly investigation still ongoing.

#### PLANS

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<li>The Flight Ops Team will implement MODIS Crosstalk evaluation load patches on March 2.</li>

<li>A MODIS Roll Maneuver is scheduled for March 13.</li>

<li>A Terra Drag Make-Up Maneuver is scheduled for March 14 at 19:40:00z.</li>

<li>There will be a new MISR software upload in April 2001.</li>

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