

TX-2002 Deployment At a Glance

November 19 – December 12, 2002

<u>Date</u>	<u>Flt#</u>	<u>Sensor</u>	<u>Region</u>	<u>Comments</u>
11/19	9012	M,N,C	DFRC to TX	Ferry flight. Clear skies over AZ, NM, TX. Vegetated. Sunny, dry, seasonal day in SAT
11/20				Upload S-HIS on ER-2. Sunny, dry in SAT.
11/21	9013	M,N,C,S	GOM	S-HIS checkout and Aqua calibration mission. Clear skies. Aqua at 1940 UTC (nadir).
11/22	9014	M,N,C,S	SGP	Surface mapping and ER-2 calibration mission w/Terra. Clear skies and isolated thin cirrus. Terra at 1714 UTC (22° angle).
11/23	9015	M,N,C,S	LA coast	MODIS Sediment mission over Atch. Bay. Light winds post frontal (>48 hrs). LSU in situ. Aqua at 1929 UTC (18° angle). Chenier Plain photo (20 UTC). Continued dry, sunny in SAT.
11/24	9016	M,N,C,S	NE TX	MODIS Cloud mission. Expansive single layer thin cirrus over land. Terra at 1703 UTC (23° angle to target). Clouds in SAT.
11/25				No Fly day. Cloudy, cooler in SAT as slow moving front moving through. NAST-I downloaded off the plane.
11/26				Cloud mission canceled due to local winds. Chilly post frontal day in SAT with some rain
11/27	9017	M,S,C	TX	MODIS Cloud mission for single layer cirrus over TX w/Terra at 1733 UTC (nadir). Cool cloudy day in SAT.
11/28				Down day for Tday. Subtropical cirrus over SAT and mild.
11/29	9018	M,S,C	SGP	MODIS Cloud mission. Multiple overpasses of CF for single layer cirrus. Terra at 1720 UTC (10° angle to CF).
11/30				Aqua Clear sky mission canceled by aircraft problem. Seasonal day in SAT with continuing subtropical cirrus.
12/01				Planned Down day. FROPA early through LA coast.
12/02				MODIS Aqua cloud mission canceled due to aircraft problem.
12/03				Warm day (75°F) in SAT; humidity increasing. Down day. Clouds and rain overnight in SAT. Humid day.
12/04				Down day. Tstorms overnight. FROPA in early morning. Windy, chilly in SAT. Skies mostly cloudy.
12/05	9019	M,S,C	GOM	MODIS Cloud mission at night over GOM. Uniform stratus run w/Aqua at 0759 UTC (22° angle). Still windy, chilly in SAT w/clearing skies. SGP had snow overnight.
12/06				Down Day for recovery from night flight. Winds becoming light, sunny day in SAT.
12/07	9020	M,S,C	SGP	MODIS Cloud mission w/Aqua (1943 UTC; 9° angle) over ARM SGP. Low stratus, multi-layer, single layer thin cirrus, and clear data scenes. Return flow beginning in SAT. Cloudy.
12/08				Planned down day. Cloudy day with increased humidity in SAT. Becoming wet.
12/09				Early morning FROPA in SAT. Rain ending by late morning. No flight due to local weather..
12/10	9021	M,S,C	GOM	MODIS Cloud mission w/Terra (1702 UTC; 12° angle) for thin cirrus, with and without low cloud underneath.
12/11	9022	M,S,C	GOM	MODIS Cloud mission w/Aqua (nadir). Single and multi-layer cloud over GOM and S. LA.
12/12	9023	M,C	TX to DFRC	Ferry flight to DFRC via Utah

Sensor Legend: M = MAS; S = SHIS; C = CPL; N = NAST-I
GOM = Gulf of Mexico; SGP = Southern Great Plains CART site