

Weekly Metrics for June 30 – July 6, 2002

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements *	Actual (GB)	Footnote
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	89	
		L1 Prod	GSFC	400	1X Baseline	115	A
		Archive	GSFC	498	1X Baseline	209	A
	AMSR-E	L0 Ingest	NSIDC	10	1X Baseline	5	
		L1 Ingest	NSIDC	10	1X Baseline	0	B
		L2 Prod	NSIDC	12	0.5X Baseline	0	C
		Archive	NSIDC	32	Baseline	6	
	MODIS	L0 Ingest	GSFC	469	1X Baseline	304	D
		L1 Prod	GSFC	2,498	1X Baseline	1,075	D
		L2-L4 Prod	MODAPS	801	0.5X Baseline	882	E
		Archive	EDC	540	Baseline	646	E
			GSFC	3,172	Baseline	1,591	E
		NSIDC	56	Baseline	24	E	
Distribution <i>Testing/QA</i> <i>SIPS Production</i>		GSFC	52	IT Requirements	196		
				282			
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	0.6	
Terra (12/99)	ASTER	L1A Ingest	EDC	680	1X Baseline	360	F
		L1B Ingest	EDC	271	1X Baseline	48	F
		L2-L3 Prod	EDC	1,203	3X Baseline	41	F
		Archive	EDC	2,154	Baseline	450	F
		Distribution <i>End Users</i>	EDC	1,352	1X Baseline	4,646	
	CERES	Archive	LaRC	331	Baseline	1232	
		Distribution	LaRC				
		<i>Testing/QA</i> <i>End Users</i>		203	IT Requirements	90	
				117	1X Baseline	34	G
	MISR	L0 Ingest	LaRC	249	1X Baseline	290	
		L1 Prod	LaRC	3,323	3X Baseline	3,192	
		L2-L3 Prod	LaRC	281	3X Baseline	53	
		Archive	LaRC	3,853	Baseline	3,529	
		Distribution <i>End Users</i>	LaRC	1,201	1X Baseline	18	G
	MODIS	L0 Ingest	GSFC	469	1X Baseline	526	
		L1 Prod	GSFC	7,494	3X Baseline	2,874	H
		L2-L4 Prod	MODAPS	14,254	3X Baseline	9,932	H
Archive		EDC	8,606	Baseline (L2-L4)	839	H	
		GSFC	12,772	Baseline (L0-L4)	12,437	H	
		JPL	0	Baseline (L2-3)	152		
		NSIDC	839	Baseline (L2-L3)	57	H, I	
Distribution <i>End Users</i>		EDC	2,869	1X Baseline	784	G	
Distribution <i>Testing/QA</i> <i>SIPS Production</i>		GSFC	52	IT Requirements	144		
<i>End users</i>			4,101	1X Baseline	3,451	G	
Distribution <i>End Users</i>	JPL	0	Baseline	0.6			
Distribution <i>End Users</i>	NSIDC	280	1X Baseline	18	G		
MOPITT	L0 Ingest	LaRC	1.9	1X Baseline	2.0		
	L1 Prod	SIPS	1.7	3X Baseline	0.6	J	
	L2 Prod	SIPS	1.7	3X Baseline	0.6	J	

		Archive Distribution <i>End Users</i>	LaRC LaRC	5.3 1	Baseline 1X Baseline	3.3 2.4	J
Landsat-7 (4/99)	ETM+	Archive Distribution	EDC EDC	1,071 58	250 Scenes ECS ICD	931 124	
Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	JPL JPL	NA	NA	2 6	
QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	JPL JPL	109	Weekly Average	43 196	K
TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	JPL JPL	24	Weekly Average	0 4	K
Other Missions	AVHRR	Archive (L2+) Distribution	JPL JPL	NA	NA	1 28	L

Notes:

- A. Includes data volumes for 3 instruments (AIRS, AMSU, and HSB). Only L0 and a limited number of L1A products have been produced, as planned at this timeframe in the mission.
- B. According to plans, NASDA sent no L1A data this period.
- C. According to plans, no AMSR-E L2 granules were generated and archived this period.
- D. L0 ingest and L1 production were reduced because MODIS was not restored to Science Mode until ~1500 GMT on 7/2. Aqua had been placed in safehold until 7/1 following a single event upset on 6/27. This condition resulted in missing data.
- E. Not all ESDTs were generated from Aqua MODIS.
- F. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- H. Little reprocessing was done for L1, as the L1 Collection 003 data sets are complete. Reprocessing of the new subsampled L1 product is the only L1 reprocessing being performed. Essentially, only ocean product reprocessing was done this period.
- I. Ingest/archival of snow/ice products is dependent on MODAPS reprocessing schedule.
- J. Values represent L1 and L2 archival volumes at LaRC DAAC. According to plans, L1 and L2 data are not sent on a daily basis from the MOPITT SIPS to the DAAC. L1 and L2 data were ingested and archived only on 7/1 during this reporting period.
- K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year. There is currently no media distribution for JASON and AVHRR SST products. Most JPL distributions lower this week because of the holiday.
- L. Includes distribution of educational materials in addition to AVHRR SST.

\* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).