

Weekly Metrics for June 8 - 14, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote	
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest	GES DAAC	0.9	1x Baseline	1.4	A	
		Archive	GES DAAC	0.9	1x Baseline	1.4	A	
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	14	W	
		Archive	NSIDC	41	1x Baseline	14	W	
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	93	U U U	
		L1 Prod	GES DAAC	807	Various	212		
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	55		
		Archive	GES DAAC	1,012	Various	360		
		Distribution	GES DAAC					
		<i>Testing/QA</i>		99	IT Requirements	0.1		
	<i>Production</i>				78			
	<i>End users</i>		471	Various	0.3	G		
	<i>Data Pool</i>				226	V		
	AMSR-E	L0 Ingest L1 Ingest L2-L3 Prod Archive Distribution <i>Production</i> <i>End Users</i>	NSIDC	NSIDC	10	1x Baseline	6	B
			NSIDC	NSIDC	9	Various	0	B, C
			GHRC	GHRC	38	2.03x Baseline	0	C
			NSIDC	NSIDC	67	Baseline	6	C
			NSIDC	NSIDC			7	
			35	1.015x Baseline	0	C, G		
CERES	Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC	ASDC	169	Various	Included	See Footnote S	
		ASDC	ASDC	1,421 109	IT Requirements 1.015x Baseline	In Terra CERES		
MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive Distribution <i>Testing/QA</i> <i>To MODAPS/LaRC</i> <i>End Users</i> <i>Data Pool</i>	GES DAAC	GES DAAC	518	1x Baseline	516	M M, R M, R M, R M, R	
		GES DAAC	GES DAAC	5,047	Various	2,435		
		MODAPS	MODAPS	6,395	2.03x Baseline	3,568		
		LP DAAC	LP DAAC	3,516	Various	2,540		
		GES DAAC	GES DAAC	8,015	Various	3,876		
		NSIDC	NSIDC	426	Various	103		
		GES DAAC	GES DAAC					
		362	IT Requirements	0				
		4,157	1.015x Baseline	1,697				
				275	G			
				132	V			
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	0	D	
		Distribution <i>Production</i> <i>End Users</i>	ASDC			0.3		
				0.02	1.015x Baseline	4.4		
ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D	
	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	739	E	
		L1B Ingest	LP DAAC	271	1.015 Baseline	103	E	
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	147	E	
		Archive	LP DAAC	2,173	Various	990	E	
		Distribution <i>End Users</i>	LP DAAC					
			1,221	1.015x Baseline	2,053	G, O, P		
	CERES	Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC	ASDC	357	Various	576	S
			ASDC	ASDC	1,421	IT Requirements	0	G, O
			ASDC	ASDC	119	1.015x Baseline	220	
	MISR		L0 Ingest	ASDC	249	1x Baseline	268	

Terra (12/99)		L1 Prod L2-L3 Prod Archive Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i>	ASDC ASDC ASDC ASDC	3,359 285 3,894 137 1,215	Various 3.045x Baseline Various IT Requirements 1.015x Baseline	3,784 304 4,357 63 1,275 1,640	F F F G, O
	MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive Distribution <i>End Users</i> Distribution <i>Testing/QA</i> <i>To MODAPS/LaRC</i> <i>End users</i> <i>Data Pool</i> Distribution <i>End Users</i> Distribution <i>End Users</i>	GES DAAC GES DAAC MODAPS LP DAAC GES DAAC PO DAAC NSIDC LP DAAC GES DAAC PO DAAC NSIDC	518 7,570 12,789 7,034 12,990 0 853 2,345 362 4,157 0 284	1x Baseline Various 3.045x Baseline Various (L2-L4) Various (L0-L4) Various (L2-L3) Various (L2-L3) 1.015x Baseline IT Requirements 1.015x Baseline Baseline	502 3,784 10,640 8,614 11,829 16 306 1,192 68 9,855 1,130 71 2	M Q, T I, Q I, Q G, O G V G, O
	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>Production</i> <i>End Users</i>	ASDC SIPS SIPS ASDC ASDC	2 2 2 6 1	1x Baseline Various 3.045x Baseline Various 1.015x Baseline	2 3 4 9 5 62	J J G, O
	Landsat-7 (4/99)	ETM+ Archive Distribution	LP DAAC LP DAAC	1,092 58	250 Scenes ECS ICD	289 70	X
	Jason-1 (12/01)	Poseidon 2 Archive (L0+) Distribution	PO DAAC PO DAAC	NA	NA	2 7	K
	QuikScat (6/99)	SeaWinds Archive (L0+) Distribution	PO DAAC PO DAAC	109	Weekly Average	41 293	K
	TOPEX (8/92)	Poseidon Archive (L1+) Distribution	PO DAAC PO DAAC	24	Weekly Average	0 7	K
	Other Missions	AVHRR Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	58 58	L

Notes:

- A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- C. Regular delivery of AMSR-E data to US science team is expected to occur around Mid-June (target date is June 18, 2003).
- D. Data from this instrument is not transmitted to DAAC daily.
- E. 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 LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
- F. Includes the reprocessed data, in addition to the current data.
- 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.
- I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- J. Includes reprocessed L2 products received from MOPITT SIPS.
- K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- L. Includes distribution of educational materials, in addition to AVHRR SST products.

- M. Very little reprocessing was done during this reporting period.
- N. Does not include distribution by subsetting tool.
- O. Does not include distribution by data pool.
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
- Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
- S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- U. HSB is still in survival mode. The requirements for AIRS/AMSU/HSB include the estimates for reprocessing, but reprocessing hasn't started yet.
- V. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- W. Laser #1 was shut down on March 19. The replacement laser is not expected to be turned on until mid-June and science data won't be available to users until September 2003.
- X. Landsat-7 scan line corrector failed on May 31. No data will be ingested and archived until the problem is fixed.

* Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:

Processing Level	1 st year after launch	2 nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.