

Weekly Metrics for June 20 - 26, 2004

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GES DAAC	0.9	1x Baseline	0.8	
			GES DAAC	0.9	1x Baseline	0.8	
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	21	H
		L1 Prod	NSIDC	115	1x Baseline	67	H
		L2-3 Prod	NSIDC	43	1x Baseline	3	H
		Archive	NSIDC	199		91	H
		Distribution <i>End Users</i> <i>Data Pool</i>	NSIDC	166	Various	165 0.1	G, N R
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	90	
		L1 Prod	GES DAAC	1,211	Various	404	A
		L2 - 3 Prod	GES DAAC	213	3.045x Baseline	88	A
		Archive	GES DAAC	1,522	Various	583	A
		Distribution <i>Testing/QA</i> <i>Production</i> <i>End users</i> <i>Data Pool</i>	GES DAAC	99 471		142 104 119 100	G, N R
	AMSR-E	L0 Ingest L1 Ingest L2-L3 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	NSIDC	10	1x Baseline	6	B
			NSIDC	28	Various	7	B
			GHRC	77	3.045x Baseline	38	C
			NSIDC	114	Baseline	51	C
			NSIDC	35	1.015x Baseline	101 178 57	G, N R
	CERES	Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC	496	Various	TBD	
			ASDC	1,421	IT Requirements	TBD	See Footnote Q
				109	1.015x Baseline	TBD	
	MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive  Distribution <i>Testing/QA</i> <i>End User</i> <i>Data Pool</i> Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i> <i>Data Pool</i> Distribution <i>End User</i> <i>Data Pool</i>	GES DAAC	518	1x Baseline	507	
			GES DAAC	7,569	Various	11,747	
MODAPS			12,789	3.045x Baseline	13,625	L, P	
LP DAAC			7,034	Various	11,449		
GES DAAC			12,989	Various	13,922	L, P	
NSIDC			853	Various	508	P	
LP DAAC			23	IT Requirements	0		
GES DAAC			2,345	1.015x Baseline	122 5	G, N R	
GES DAAC			362	IT Requirements	1,000		
NSIDC			4,157	1.015x Baseline	11,206 2,088 102	G, N R	
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	0.8	D
		Distribution <i>Production</i> <i>End Users</i>	ASDC			0	
				0.02	1.015x Baseline	0	G, N

ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D	
Terra (12/99)	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	639	E	
		L1B Ingest	LP DAAC	271	1.015x Baseline	115	E	
	L1B Archive	LP DAAC	271	1.015x Baseline	115	E		
	L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	218	E		
	Archive	LP DAAC	2,173	Various	971	E		
	Distribution	LP DAAC						
	<i>Production</i>					163		
	<i>End Users</i>			1,221	1.015x Baseline	225	G, N	
	<i>Data Pool</i>					1	R	
	CERES	Archive	Distribution	ASDC	357	Various	TBD	See Footnote Q
ASDC				1,421	IT Requirements	TBD		
MISR	L0 Ingest	L1 Prod	ASDC	249	1x Baseline	254		
			ASDC	3,359	Various	3,374		
L2-L3 Prod	Archive	Distribution	ASDC	285	3.045x Baseline	343		
			ASDC	3,894	Various	3,971		
<i>Testing/QA</i>				137	IT Requirements	472	G, N R	
<i>Production</i>						1,910		
<i>End Users</i>				1,215	1.015x Baseline	2,278		
<i>Data Pool</i>						0.1		
MODIS	L0 Ingest	L1 Prod	GES DAAC	518	1x Baseline	507	M	
			GES DAAC	7,570	Various	2,612		
	L2-L4 Prod	Archive	MODAPS	12,789	3.045x Baseline	2,798	L, M, P	
			LP DAAC	7,034	Various (L2-L4)	2,053		
	Distribution	<i>Testing/QA</i>	GES DAAC	12,990	Various (L0-L4)	3,755	L, M, P	
			NSIDC	853	Various (L2-L3)	113		
	<i>End Users</i>	<i>End Users</i>	LP DAAC	23	IT Requirements	<0.1	G, N R	
	<i>Data Pool</i>	<i>Data Pool</i>		2,345	1.015x Baseline	3,564		
	Distribution	<i>Testing/QA</i>	GES DAAC					
<i>End users</i>	<i>End users</i>							
<i>Data Pool</i>	<i>Data Pool</i>							
Distribution	<i>End Users</i>	NSIDC					G, N R	
								<i>Data Pool</i>
						<0.1	R	
MOPITT	L0 Ingest	L1 Prod	ASDC	2	1x Baseline	2		
			SIPS	2	Various	4		I
			SIPS	2	3.045x Baseline	5		I
			ASDC	6	Various	11		I
			ASDC					
Distribution								
<i>Production</i>						2	G, N R	
<i>End Users</i>			1	1.015x Baseline	84			
<i>Data Pool</i>					0			
ADEOS-II (12/02)	SeaWinds	Archive (L0+)	PO DAAC			0	O	
Distribution			PO DAAC			0.3		
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	PO DAAC			2	J	
Distribution			PO DAAC	NA	NA	28		
QuikScat (6/99)	SeaWinds	Archive (L0+)	PO DAAC			104	J	
Distribution			PO DAAC	109	Weekly Average	95		
TOPEX (8/92)	Poseidon	Archive (L1+)	PO DAAC			0	J	
Distribution			PO DAAC	24	Weekly Average	22		

Other Missions	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	141 197	K
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Notes:

- A. Includes reprocessing for 1data date in August 2002, plus regular forward production. Current phase of major reprocessing was completed on June 20.
- 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 requirements is in process. L1 products are processed in Japan and sent to the US.
- C. Includes forward processing for June 13-19, 2004 and reprocessing for November 2002.
- 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. In June 2003, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. Includes forward and reprocessing.
- 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. Since November 19, 2003, GLAS laser operates during intermittent observing periods to conserve laser power. Only the raw data product is delivered on a daily basis to the DAAC.
- I. Archival volumes for MOPII L1-L2 at LaRC products are dependent on MOPITT SIPS production schedule.
- J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- K. Includes distribution of educational materials.
- L. Actual volume does not include the MODIS ocean color products processed at SeaDAS (SeaWIFS Data Analysis System).
- M. Very little or no reprocessing of MODIS products was done.
- N. Does not include the distribution by data pool.
- O. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
- P. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule. Values reported here represent what have been archived at DAACs. MODAPS production volume could be different.
- Q. No information is available.
- R. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.

\* 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 <sup>st</sup> year after launch	2 <sup>nd</sup> 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.