

Weekly Metrics for July 11 - 17, 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	0.9	
			GES DAAC	0.9	1x Baseline	0.9	
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	33	H
		L1 Prod	NSIDC	115	1x Baseline	0	H
		L2-3 Prod	NSIDC	43	1x Baseline	0	H
		Archive	NSIDC	199		33	H
		Distribution <i>End Users</i> <i>Data Pool</i>	NSIDC	166	Various	1 0.2	G, N R
Aqua (5/02)	AIRS/AMSU/HSB	L0 Ingest	GES DAAC	98	1x Baseline	89	
		L1 Prod	GES DAAC	1,211	Various	369	A
		L2 - 3 Prod	GES DAAC	213	3.045x Baseline	79	A
		Archive	GES DAAC	1,522	Various	538	A
		Distribution <i>Testing/QA</i> <i>Production</i> <i>End users</i> <i>Data Pool</i>	GES DAAC	99 471		139 92 83 20	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	8	B
			GHRC	77	3.045x Baseline	44	C
			NSIDC	114	Baseline	58	C
			NSIDC	35	1.015x Baseline	38 218 44	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	494	
			GES DAAC	7,569	Various	2,405	M
MODAPS			12,789	3.045x Baseline	3,282	L, M, P	
LP DAAC			7,034	Various	2,472		
GES DAAC			12,989	Various	3,576	L, M, P	
NSIDC			853	Various	133	M, P	
LP DAAC			23	IT Requirements	0		
GES DAAC			2,345	1.015x Baseline	234 7	G, N R	
GES DAAC			362	IT Requirements	615		
NSIDC			4,157	1.015x Baseline	6,231 942 89	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	0.02	1.015x Baseline	0 2.7	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	140	E	
		L1B Ingest	LP DAAC	271	1.015x Baseline	48	E	
		L1B Archive	LP DAAC	271	1.015x Baseline	55	E	
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	1,247	E	
		Archive	LP DAAC	2,173	Various	1,443	E	
	Distribution	LP DAAC				459		
	<i>Production</i>					875	G, N	
	<i>End Users</i>			1,221	1.015x Baseline	0.1	R	
	<i>Data Pool</i>							
	CERES	Archive	Distribution	ASDC	357	Various	TBD	See Footnote Q
ASDC				1,421	IT Requirements	TBD		
MISR	Archive	Distribution	ASDC	119	1.015x Baseline	TBD	G, N R	
			ASDC	249	1x Baseline	253		
L1 Prod	Archive	Distribution	ASDC	3,359	Various	2,601	M L, M, P M, P L, M, P M, P	
			ASDC	285	3.045x Baseline	236		
L2-L3 Prod	Archive	Distribution	ASDC	3,894	Various	3,090	G, N R	
			ASDC	137	IT Requirements	508		
Testing/QA	Production	End Users	ASDC	1,215	1.015x Baseline	1,566	G, N R	
						2,016		
Data Pool	Distribution	Testing/QA	ASDC	1,215	1.015x Baseline	13	G, N R	
						13		
MODIS	L0 Ingest	L1 Prod	GES DAAC	518	1x Baseline	506	M L, M, P M, P L, M, P M, P	
			GES DAAC	7,570	Various	2,411		
			MODAPS	12,789	3.045x Baseline	2,920		
			LP DAAC	7,034	Various (L2-L4)	2,149		
			GES DAAC	12,990	Various (L0-L4)	3,560		
	L2-L4 Prod	Archive	Distribution	NSIDC	853	Various (L2-L3)	131	G, N R
				LP DAAC	23	IT Requirements	0.2	
	Testing/QA	End Users	Data Pool	GES DAAC	2,345	1.015x Baseline	5,776	G, N R
							0	
	Distribution	Testing/QA	Production	GES DAAC	362	IT Requirements	636	G, N R
5,335								
End users	Data Pool	Distribution	NSIDC	4,157	1.015x Baseline	2,313	G, N R	
						80		
Data Pool	Distribution	End Users	NSIDC	284	1.015x Baseline	174	G, N R	
						0.1		
MOPITT	L0 Ingest	L1 Prod	ASDC	2	1x Baseline	2	I I I G, N R	
			SIPS	2	Various	0		
			SIPS	2	3.045x Baseline	0		
			ASDC	6	Various	2		
			ASDC			2		
Production	End Users	Data Pool	ASDC	1	1.015x Baseline	12	G, N R	
						1		
ADEOS-II (12/02)	SeaWinds	Archive (L0+)	PO DAAC			0	O	
Distribution	PO DAAC				3			
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	PO DAAC			2	J	
Distribution	PO DAAC		NA	NA	31			
QuikScat (6/99)	SeaWinds	Archive (L0+)	PO DAAC			20	J	
Distribution	PO DAAC		109	Weekly Average	116			
TOPEX (8/92)	Poseidon	Archive (L1+)	PO DAAC			0	J	
Distribution	PO DAAC		24	Weekly Average	9			

Other Missions	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	44 249	K
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Notes:

- A. Represents regular forward production only. No reprocessing was done, since 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 July 2004 and reprocessing for and January 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. 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.