

Weekly Metrics for October 19 - 25, 2003

(Due to hardware problems of the EDGRS, all metrics except those for JPL are available only for 4 days, October 19 – 22.)

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	0.4	A		
		Archive	GES DAAC	0.9	1x Baseline	0.4	A		
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	22	W		
		L1 Prod	NSIDC	115	1x Baseline	37	W		
		L2-3 Prod	NSIDC	43	1x Baseline	1	W		
		Archive	NSIDC	199		61	W		
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	43			
		L1 Prod	GES DAAC	807	Various	397	U		
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	85	U		
		Archive	GES DAAC	1,012	Various	526	U		
		Distribution	GES DAAC			122			
		<i>Production</i>				122	G		
		<i>End users</i>		471	Various	122			
		<i>Data Pool</i>				318	V		
	AMSR-E		L0 Ingest	NSIDC	10	1x Baseline	3	B	
			L1 Ingest	NSIDC	9	Various	4	B	
			L2-L3 Prod	GHRC	38	2.03x Baseline	36	C	
			Archive	NSIDC	67	Baseline	43	C	
			Distribution	NSIDC			3		
		<i>Production</i>				33	G		
		<i>End Users</i>		35	1.015x Baseline	7	V		
CERES		Archive	ASDC	169	Various	Included			
		Distribution	ASDC	1,421	IT Requirements	In	See		
		<i>Testing/QA</i>		109	1.015x Baseline	Terra	Footnote S		
		<i>End Users</i>				CERES			
MODIS		L0 Ingest	GES DAAC	518	1x Baseline	240			
		L1 Prod	GES DAAC	5,047	Various	1,165	M		
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	3,072	M, R		
		Archive	LP DAAC	3,516	Various	2,080	M, R		
			GES DAAC	8,015	Various	2,341	M, R		
			NSIDC	426	Various	68	M, R		
			LP DAAC						
			Distribution			23	IT Requirements	0	
			<i>Testing/QA</i>			2,345	1.015x Baseline	30	G
			<i>End User</i>					0.02	V
	<i>Data Pool</i>								
	Distribution	GES DAAC		362	IT Requirements	0			
	<i>Testing/QA</i>					1,335			
	<i>To MODAPS/LaRC</i>			4,157	1.015x Baseline	120	G		
	<i>End Users</i>					23	V		
	<i>Data Pool</i>								
	Distribution	NSIDC		284	1.015x Baseline	0.3	G		
	<i>End User</i>					0	V		
	<i>Data Pool</i>								
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	0.1	D		
		Distribution	ASDC			0.1			
		<i>Production</i>				0			
		<i>End Users</i>		0.02	1.015x Baseline	0			
ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D		

Terra (12/99)	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	226	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	107	E
		L1B Archive	LP DAAC	271	1.015x Baseline	828	E
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	244	E
		Archive	LP DAAC	2,173	Various	1,297	E
		Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	LP DAAC			941	
				1,221	1.015x Baseline	265	G, O, P
						1	V
	CERES	Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC ASDC	357	Various	572	S
				1,421	IT Requirements	5	
			119	1.015x Baseline	402	G, O	
MISR	L0 Ingest L1 Prod L2-L3 Prod Archive Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC ASDC ASDC ASDC ASDC	249	1x Baseline	146	F	
			3,359	Various	1,915	F	
			285	3.045x Baseline	162	F	
			3,894	Various	2,224	F	
			137	IT Requirements	63		
			1,215	1.015x Baseline	1,422	G, O	
					2	V	
MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive	GES DAAC GES DAAC MODAPS LP DAAC GES DAAC NSIDC LP DAAC	518	1x Baseline	254	N	
			7,570	Various	1,201		
			12,789	3.045x Baseline	8,532		
			7,034	Various (L2-L4)	2,922		
			12,990	Various (L0-L4)	6,955		
			853	Various (L2-L3)	113		
		Distribution <i>Testing/QA</i> <i>End Users</i> <i>Data Pool</i>		23	IT Requirements	0.03	I I, Q
			2,345	1.015x Baseline	2,263	G, O	
		Distribution <i>Testing/QA</i> <i>To MODAPS/LaRC</i> <i>End users</i> <i>Data Pool</i>	GES DAAC			8	V
				362	IT Requirements	35	G
	Distribution <i>End Users</i> <i>Data Pool</i>	NSIDC	4,157	1.015x Baseline	922	V	
			284	1.015x Baseline	89		
					0	G, O	
						V	
Landsat-7 (4/99)	ETM+	Archive Distribution	1,092	250 Scenes	253	X	
			58	ECS ICD	27		
ADEOS-II (12/02)	SeaWinds	Archive (L0+) Distribution	PO DAAC PO DAAC		264 656	Y	
Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	PO DAAC PO DAAC	NA	8 31	K	
QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	PO DAAC PO DAAC	109	Weekly Average	20 80	K
TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	PO DAAC PO DAAC	24	Weekly Average	9 56	K

Other Missions	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	10 701	L
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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 requirements is in process.
- C. Production of L2 and L3 products resumed on September 3.
- 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, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. Includes reprocessed 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. Has not received any L1 or L2 products 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.
- M. The requirements for this instrument include reprocessing, but no reprocessing has started yet.
- N. Very little reprocessing of Terra MODIS L1B products was done.
- 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. Includes the reprocessed data for February 2003.
- V. 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.
- W. Laser #2 was turned on at 1:37 pm on September 25.
- X. Landsat-7 scan line corrector (SLC) failed on May 31 and subsequently Landsat-7 ETM+ was shut down. In mid July US stations resumed data collection with the SLC off. The Landsat 7 ETM+ data became available to the public as of October 22.
- Y. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.

** 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.