Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Abbott	ABB01	Ocean Product, EOS, Composite Monthly Avg.	6004	Chlorophyll Fluorescence Efficiency, Composite Monthly Avg.	mW/cm^2/sr/µm/ mg-Chl/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6003	Chlorophyll Fluorescence Line Height, Composite Monthly Avg.	mW/cm^2/sr/µm		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6006	Chlorophyll_a Pigment Conc, Case I, Composite Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6024	Chlorophyll_a Pigment Conc, Case I, EOS-Color, Composite Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6026	Chlorophyll_a Pigment Conc, Case I, OCTS(ADEOS-1), Composite Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6021	Chlorophyll_a Pigment Conc, Case I, SeaWiFS, Composite Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6005	Chlorophyll_a Pigment Conc, Case II, Composite Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6023	Chlorophyll_a Pigment Conc, Case II, EOS Color, Composite Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6025	Chlorophyll_a Pigment Conc, Case II, OCTS(ADEOS-1), Composite Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6020	Chlorophyll_a Pigment Conc, Case II, SeaWiFS, Composite Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6001	O3 Total Burden, Composite Monthly Avg.	DU		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6010	Ocean Productivity, Global , Composite Monthly Avg.	mg-C/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6009	Ocean Productivity, Local/Regional , Composite Monthly Avg.	mg-C/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6008	Organic Matter Conc, Dissolved , Composite Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6007	PAR, Sfc (IPAR), Incident (IPAR) , Composite Monthly Avg.	W/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6002	Pigment Conc, Composite Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6022	Pigment Conc, EOS-Color, Composite Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6019	Pigment Conc, SeaWiFS, Composite Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6014	Radiative Flux, LW, Down, Sfc, Composite Monthly Avg.	W/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6015	Radiative Flux, LW, Net, Sfc, Composite Monthly Avg.	W/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6012	Radiative Flux, SW, Down, Sfc, Composite Monthly Avg.	W/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6013	Radiative Flux, SW, Net, Sfc, Composite Monthly Avg.	W/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6028	Sea Level Variability, ALT-Radar, Composite Monthly Avg.	cm		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6027	Sea Level Variability, TOPEX/Poseidon, Composite Monthly Avg.	K		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6029	Sea_sfc Temperature (SST), AVHRR Pathfinder, Composite Monthly Avg.	K		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Abbott	ABB01	Ocean Product, EOS, Composite Monthly Avg.	6004	Chlorophyll Fluorescence Efficiency, Composite Monthly Avg.	K		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6016	Water Vapor, Sfc, Composite Monthly Avg.	g/kg		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6018	Wind Velocity, ERS-2, Composite Monthly Avg.	m/sec, dg		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6017	Wind Velocity, NSCAT, Composite Monthly Avg.	m/sec, dg		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
	ABB02	Ocean Product, EOS, Optimal Interpolation of Monthly Avg.	6033	Chlorophyll Fluorescence Efficiency, Optimal Interpolation of Monthly Avg.	mW/cm^2/sr/µm/ mg-Chl/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6032	Chlorophyll Fluorescence Line Height, Optimal Interpolation of Monthly Avg.	mW/cm^2/sr/µm		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6053	Chlorophyll_a Pigment Conc, Case I, EOS-Color, Optimal Interpolation of Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6055	Chlorophyll_a Pigment Conc, Case I, OCTS(ADEOS-1), Optimal Interpolation of Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6035	Chlorophyll_a Pigment Conc, Case I, Optimal Interpolation of Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6050	Chlorophyll_a Pigment Conc, Case I, SeaWiFS, Optimal Interpolation of Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6052	Chlorophyll_a Pigment Conc, Case II, EOS Color, Optimal Interpolation of Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6054	Chlorophyll_a Pigment Conc, Case II, OCTS(ADEOS-1), Optimal Interpolation of Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6034	Chlorophyll_a Pigment Conc, Case II, Optimal Interpolation of Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6049	Chlorophyll_a Pigment Conc, Case II, SeaWiFS, Optimal Interpolation of Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6030	O3 Total Burden, Optimal Interpolation of Monthly Avg.	DU		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6039	Ocean Productivity, Global , Optimal Interpolation of Monthly Avg.	mg-C/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6038	Ocean Productivity, Local/Regional , Optimal Interpolation of Monthly Avg.	mg-C/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6037	Organic Matter Conc, Dissolved , Optimal Interpolation of Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6036	PAR, Sfc (IPAR), Incident (IPAR) , Optimal Interpolation of Monthly Avg.	W/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6051	Pigment Conc, EOS-Color, Optimal Interpolation of Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6031	Pigment Conc, Optimal Interpolation of Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6048	Pigment Conc, SeaWiFS, Optimal Interpolation of Monthly Avg.	mg/m^3		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6043	Radiative Flux, LW, Down, Sfc, Optimal Interpolation of Monthly Avg.	W/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Abbott	ABB02	Ocean Product, EOS, Optimal Interpolation of Monthly Avg.	6033	Chlorophyll Fluorescence Efficiency, Optimal Interpolation of Monthly Avg.	W/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6041	Radiative Flux, SW, Down, Sfc, Optimal Interpolation of Monthly Avg.	W/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6042	Radiative Flux, SW, Net, Sfc, Optimal Interpolation of Monthly Avg.	W/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6057	Sea Level Variability, ALT-Radar, Optimal Interpolation of Monthly Avg.	cm		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6056	Sea Level Variability, TOPEX/Poseidon, Optimal Interpolation of Monthly Avg.	K		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6058	Sea_sfc Temperature (SST), AVHRR Pathfinder, Optimal Interpolation of Monthly Avg.	K		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6040	Sea_sfc Temperature (SST), Optimal Interpolation of Monthly Avg.	K		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6045	Water Vapor, Sfc, Optimal Interpolation of Monthly Avg.	g/kg		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6047	Wind Velocity, ERS-2, Optimal Interpolation of Monthly Avg.	m/sec, dg		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
			6046	Wind Velocity, NSCAT, Optimal Interpolation of Monthly Avg.	m/sec, dg		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.33		OSU
	ABB03	Ocean Property, Ocean Surface	1469	Heat Flux, Latent	W/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.10		OSU
			3092	Ocean Current Velocity	cm/sec		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.10		OSU
			3102	Ocean Eddy Kinetic Energy	g/cm^2/s^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.10		OSU
			6059	Phytoplankton Primary Productivity	mg-C/m^2		1/mo	:: Ocean [South of 30S]	N/A :: Sfc	0.10		OSU
	ABB04	Ocean Property, Sub_surface, Numerical Model	6065	Chlorophyll,Surface layer, 4 layers Numerical Model (10, 400, 1000, & 3000 m)	mg/m^3		1/mo	:: Ocean [Southern Ocean]	12 levels :: Sub_surface	0.50		OSU
			6064	Nitrate, Sub_sfc, 4 layers Numerical Model (10, 400, 1000, & 3000 m)	mg/m^3		1/mo	:: Ocean [Southern Ocean]	12 levels :: Sub_surface	0.50		OSU
			6062	Salinity, Sub_sfc, 4 layers Numerical Model (10, 400, 1000, & 3000 m)	part per thousand (ppt)		1/mo	:: Ocean [Southern Ocean]	12 levels :: Sub_surface	0.50		OSU
			6063	Temperature, Sub_sfc, 4 layers Numerical Model (10, 400, 1000, & 3000 m)	K		1/mo	:: Ocean [Southern Ocean]	12 levels :: Sub_surface	0.50		OSU
			6060	U-component of Velocity, Sub_sfc, 4 layers Numerical Model (10, 400, 1000, & 3000 m)	m/sec		1/mo	:: Ocean [Southern Ocean]	12 levels :: Sub_surface	0.50		OSU
			6061	V-component of Velocity, Sub_sfc, 4 layers Numerical Model (10, 400, 1000, & 3000 m)	m/sec		1/mo	:: Ocean [Southern Ocean]	12 levels :: Sub_surface	0.50		OSU
Barron	BAR01	Barron's Data Product	2004	Albedo, Planetary Spectral, TOA	fraction		2/day	4.5 x 7.5 dg :: G	:: TOA			
			2005	Albedo, Planetary Spectral, TOA	fraction		2/day	2.8 x 2.8 dg :: G	:: TOA			
			2779	Bedrock Lithology			? 5000 yrs	5 km :: 2 sites				
			2815	Bedrock Lithology			1/mission	10 km :: Land/R				
			2816	Bedrock Lithology			1/mission	100 km :: Land				
			1786	Cloud Condensation Rate, Total	kg/m^2/s		2/day	4.5 x 7.5 dg :: G				
			1787	Cloud Condensation Rate, Total	kg/m^2/s		2/day	2.8 x 2.8 dg :: G				
			2064	Cloud Cover	%		1/day	10 km :: R				
			2065	Cloud Cover	%		1/(5 min)	30 km :: [East. U.S.]				
			2066	Cloud Cover	%		1/(5 min)	2 km :: [East. U.S.]				
			2089	Cloud Cover	fraction		2/day	4.5 x 7.5 dg :: G				
			2090	Cloud Cover	fraction		2/day	2.8 x 2.8 dg :: G				

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Barron	BAR01	Barron's Data Product	2004	Albedo, Planetary Spectral, TOA	fraction		2/day	4.5 x 7.5 dg :: G				
			2118	Cloud Emissivity	fraction		2/day	2.8 x 2.8 dg :: G				
			1912	Cloud Liq_water Content	g/cm^3		1/(6 hr)	1 dg :: G	15-20 lvl ::			
			1913	Cloud Liq_water Content	g/cm^3		1/(6 hr)	1 dg :: G	15-20 lvl ::			
			1914	Cloud Liq_water Content	g/kg		1/hr	20-100 km :: R				
			1915	Cloud Liq_water Content	g/kg		1/hr	1 km :: R				
			2770	Erosion Chemical Denudation	mm/kyr		1/yr	10 km :: Land/R				
			2771	Erosion Chemical Denudation	mm/kyr		1/yr	100 km :: Land				
			2782	Erosion Sediment Yield	kg/km^2		? 5000 yr	5 km :: 2 sites				
			2852	Geopotential Gravity Field	m^2/s^2		2/day	4.5 x 7.5 dg :: G				
			2853	Geopotential Gravity Field	m^2/s^2		2/day	2.8 x 2.8 dg :: G				
			2130	Heat Flux	W/m^2		1/day	200 km :: R				
			1494	Heat Flux Convergence, Eddy	W/m^2		1/(5 day)	2.5 dg :: G	10 lvl ::			
			1495	Heat Flux Rate, Latent	m/s ?		2/day	4.5 x 7.5 dg :: G				
			1496	Heat Flux Rate, Latent	m/s ?		2/day	2.8 x 2.8 dg :: G				
			1470	Heat Flux, Latent	W/m^2		1/(5 day)	2.5 dg :: G	10 lvl ::			
			1480	Heat Flux, Sensible	W/m^2		2/day	4.5 x 7.5 dg :: G				
			1481	Heat Flux, Sensible	W/m^2		2/day	2.8 x 2.8 dg :: G				
			1482	Heat Flux, Sensible	W/m^2		1/day	10 km :: R	:: Sfc			
			1488	Heat Flux, Sfc	W/m^2		1/(5 day)	2.5 dg :: G	10 lvl ::			
			1489	Heat Flux, Sfc	W/m^2		1/(5 min)	30 km :: [East. U.S.]	:: Afc			
			1490	Heat Flux, Sfc	W/m^2		1/hr	20-100 km :: R	:: Sfc			
			1491	Heat Flux, Sfc	W/m^2		1/(5 min)	500 m :: [East. U.S.]	:: Afc			
			2132	Heat Flux, Sfc	W/m^2		1/day	200 km :: R	:: Sfc			
			3100	Heat Flux, Zonal_mean	W/m^2		1/(5 day)	2.5 dgZM :: G	10 lvl ::			
			1450	Heating Rate, LW_Radiative	K/s		2/day	4.5 x 7.5 dg :: G				
			1451	Heating Rate, LW_Radiative	K/s		2/day	2.8 x 2.8 dg :: G				
			1453	Heating Rate, SW Radiative	K/s		2/day	4.5 x 7.5 dg :: G	:: Sfc			
			1454	Heating Rate, SW Radiative	K/s		2/day	2.8 x 2.8 dg :: G	:: Sfc			
			1455	Heating Rate, U-horizontal_Diffusive	K/s		2/day	4.5 x 7.5 dg :: G				
			1456	Heating Rate, U-horizontal_Diffusive	K/s		2/day	2.8 x 2.8 dg :: G				
			1457	Heating Rate, U-horizontal_Diffusive	K/s		2/day	4.5 x 7.5 dg :: G				
			1458	Heating Rate, U-horizontal_Diffusive	K/s		2/day	2.8 x 2.8 dg :: G				
			1459	Heating Rate, V-horizontal_Diffusive	K/s		2/day	4.5 x 7.5 dg :: G				
			1460	Heating Rate, V-horizontal_Diffusive	K/s		2/day	2.8 x 2.8 dg :: G				
			1461	Heating Rate, V-horizontal_Diffusive	K/s		2/day	4.5 x 7.5 dg :: G				
			1462	Heating Rate, V-horizontal_Diffusive	K/s		2/day	2.8 x 2.8 dg :: G				
			1443	Heating, Convective	W/m^3		1/hr	20-100 km :: R				
			1444	Heating, Convective	W/m^3		1/hr	1 km :: R				
			1445	Heating, East-West Sfc-stress	J/m^2/s		2/day	4.5 x 7.5 dg :: G				
			1446	Heating, East-West Sfc-stress	J/m^2/s		2/day	2.8 x 2.8 dg :: G				
			1449	Heating, Net_Diabatic	W/m^2		1/(5 day)	2.5 dg :: G	10 lvl ::			
			1447	Heating, North-South Sfc-stress	J/m^2/s		2/day	4.5 x 7.5 dg :: G				
			1448	Heating, North-South Sfc-stress	J/m^2/s		2/day	2.8 x 2.8 dg :: G				
			1829	Humidity	g/kg		1/hr	20-100 km :: R				
			1830	Humidity	g/kg		1/hr	1 km :: R				
			1831	Humidity Profile	g/cm^3		1/(6 hr)	1 dg :: G	15-20 lvl ::			
			1880	Humidity Profile, PBL	g/kg		1/day	10 km :: R	:: PBL			
			1439	Humidity, Specific	g/kg		1/(5 min)	30 km :: [East. U.S.]				
			1440	Humidity, Specific	g/kg		1/(5 min)	500 m :: [East. U.S.]				
			1882	Humidity, Specific	kg/kg		2/day	4.5 x 7.5 dg :: G				
			1883	Humidity, Specific	kg/kg		2/day	2.8 x 2.8 dg :: G				

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Barron	BAR01	Barron's Data Product	1495	Heat Flux Rate, Latent	kg/kg/s		2/day	4.5 x 7.5 dg :: G				
			1887	Humidity-Change, Specific, Convective_Adjusted	kg/kg/s		2/day	2.8 x 2.8 dg :: G				
			1888	Humidity-Tendency, Specific	kg/kg/s		2/day	4.5 x 7.5 dg :: G				
			1889	Humidity-Tendency, Specific	kg/kg/s		2/day	2.8 x 2.8 dg :: G				
			2945	Ice_Sheet Mass balance	cm/yr		1/yr	100 km :: Antarctica				
			2933	Infiltration	mm/s		1/event, 1/mo, 1/yr	30-90 m :: R				
			2934	Infiltration	mm/s		1/event, 1/mo, 1/yr	900 m :: R				
			2935	Infiltration	mm/s		1/event, 1/mo, 1/yr	18 km :: R				
			2486	Land_sfc Temperature	C		1/(5 min)	30 km :: [East. U.S.]				
			2487	Land_sfc Temperature	C		1/(5 min)	500 m :: [East. U.S.]				
			2494	Land_sfc Temperature	K		2/day	4.5 x 7.5 dg :: G	:: Sfc			
			2495	Land_sfc Temperature	K		2/day	2.8 x 2.8 dg :: G	:: Sfc			
			2813	Mineral Flux, XXX Geochemical	eq/km^2/yr		1/day	1 km :: Land/R				
			2814	Mineral Flux, XXX Geochemical	eq/km^2/yr		1/day	10 km :: Land				
			1847	Moisture Flux	kg (H2O)/m^2		1/mo	10 x 10 km :: N. Atlantic				
			1848	Moisture Flux, Sfc	W/m^2		1/day	10 km :: R	N/A :: Sfc			
			1849	Moisture Flux, Sfc	g/m^2/s		1/(5 min)	30 km :: [East. U.S.]	:: Sfc			
			1850	Moisture Flux, Sfc	g/m^2/s		1/hr	20-100 km :: R	:: Sfc			
			1851	Moisture Flux, Sfc	g/m^2/s		1/(5 min)	500 m :: [East. U.S.]	:: Sfc			
			1876	Precipitable Water	g/cm^2		1/hr	20-100 km :: R				
			1877	Precipitable Water	g/cm^2		1/hr	1 km :: R				
			1946	Precipitation Amount, Convective	mm		2/day	4.5 x 7.5 dg :: G				
			1947	Precipitation Amount, Convective	mm		2/day	2.8 x 2.8 dg :: G				
			1952	Precipitation Amount, Large-scale_stable	mm		2/day	4.5 x 7.5 dg :: G				
			1953	Precipitation Amount, Large-scale_stable	mm		2/day	2.8 x 2.8 dg :: G				
			1956	Precipitation Amount, Rain	mm		1/(6 hr)	1 dg :: G	15-20 lvl ::			
			2994	Precipitation Amount, Snow	mm		2/day	4.5 x 7.5 dg :: G				
			2995	Precipitation Amount, Snow	mm		2/day	2.8 x 2.8 dg :: G				
			1985	Precipitation Amount, Snow, Convective	mm		2/day	4.5 x 7.5 dg :: G				
			1986	Precipitation Amount, Snow, Convective	mm		2/day	2.8 x 2.8 dg :: G				
			1987	Precipitation Amount, Snow, Large-scale_Stable	mm		2/day	4.5 x 7.5 dg :: G				
			1988	Precipitation Amount, Snow, Large-scale_Stable	mm		2/day	2.8 x 2.8 dg :: G				
			1951	Precipitation Conc, Ice	g/cm^3		1/(6 hr)	1 dg :: G	15-20 lvl ::			
			1962	Precipitation Rate	cm/hr		1/hr	20-100 km :: R				
			1980	Precipitation Rate, Rain	cm/hr		1/(5 min) [?]	30 km :: [East. U.S.]				
			1981	Precipitation Rate, Rain	cm/hr		1/(5 min) [?]	500 m :: [East. U.S.]				
			1521	Pressure	mb		1/hr	20-100 km :: R				
			1522	Pressure	mb		1/hr	1 km :: R				
			1534	Pressure, Sfc	mb		2/day	4.5 x 7.5 dg :: G	N/A :: Sfc			
			1535	Pressure, Sfc	mb		2/day	2.8 x 2.8 dg :: G	N/A :: Sfc			
			1538	Pressure-Tendency, Sfc	mb/s		2/day	4.5 x 7.5 dg :: G	N/A :: Sfc			
			1539	Pressure-Tendency, Sfc	mb/s		2/day	2.8 x 2.8 dg :: G	N/A :: Sfc			
			2143	Radiative Flux Convergence	W/m^2/km		1/(5 day)	2.5 dg :: G	10 lvl ::			
			2155	Radiative Flux, LW, Average_Net	W/m^2		2/day	4.5 x 7.5 dg :: G	:: TOA			

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	*Prod ID*	*Product Name*	*Parm ID*	*Parameter Name*	*Units*	*Accuracy Abs :: Rel*	*Temporal Resolution*	*Horizontal Resol. :: Cover.*	*Vertical Resol. :: Cover.*	*Vol. (MB/day) Prod.*	*Vol. (MB/day) Parm.*	*Processing Facility*
Barron	BAR01	Barron's Data Product	1847	Moisture Flux	W/m^2		2/day	2.8 x 2.8 dg :: G	:: TOA			
			2159	Radiative Flux, LW, Clear-sky	W/m^2		2/day	4.5 x 7.5 dg :: G	:: Sfc			
			2160	Radiative Flux, LW, Clear-sky	W/m^2		2/day	2.8 x 2.8 dg :: G	:: Sfc			
			2161	Radiative Flux, LW, Clear-sky	W/m^2		2/day	4.5 x 7.5 dg :: G	:: TOA			
			2162	Radiative Flux, LW, Clear-sky	W/m^2		2/day	2.8 x 2.8 dg :: G	:: TOA			
			2139	Radiative Flux, Net_Down	W/m^2		2/day	4.5 x 7.5 dg :: G				
			2140	Radiative Flux, Net_Down	W/m^2		2/day	2.8 x 2.8 dg :: G				
			2441	Radiative Flux, Solar, Ave-absorbed	W/m^2		2/day	4.5 x 7.5 dg :: G				
			2442	Radiative Flux, Solar, Ave-absorbed	W/m^2		2/day	2.8 x 2.8 dg :: G				
			2133	Radiative Flux, Solar, Net_Down	W/m^2		2/day	4.5 x 7.5 dg :: G	:: Sfc			
			2134	Radiative Flux, Solar, Net_Down	W/m^2		2/day	2.8 x 2.8 dg :: G	:: Sfc			
			2444	Radiative Flux, Solar, Sfc Clear-sky	W/m^2		2/day	4.5 x 7.5 dg :: G	:: Sfc			
			2446	Radiative Flux, Solar, Sfc Clear-sky	W/m^2		2/day	2.8 x 2.8 dg :: G	:: Sfc			
			2443	Radiative Flux, Solar, TOA Clear-sky	W/m^2		2/day	4.5 x 7.5 dg :: G	:: TOA			
			2445	Radiative Flux, Solar, TOA Clear-sky	W/m^2		2/day	2.8 x 2.8 dg :: G	:: TOA			
			2890	River Discharge	m^3/s		1/event, 1/mo, 1/yr	30-90 m :: R				
			2891	River Discharge	m^3/s		1/event, 1/mo, 1/yr	900 m :: R				
			2892	River Discharge	m^3/s		1/event, 1/mo, 1/yr	18 km :: R				
			2992	Runoff, Soil Moisture	g/kg/s		2/day	4.5 x 7.5 dg :: G				
			2993	Runoff, Soil Moisture	g/kg/s		2/day	2.8 x 2.8 dg :: G				
			3143	Sea_Ice Conc	%		1/day	50 km :: Ocean/Cryo				
			3146	Sea_Ice Conc, GCM	%		1/day	4.5 x 7.5 dg :: G				
			3147	Sea_Ice Conc, GCM	%		1/day	2.8 x 2.8 dg :: G				
			3176	Sea_Ice Conc, Multi-year	%		1/seas	50 km ::				
			3179	Sea_Ice Cover	%		1/day	50 km :: Ocean/Cryo				
			3185	Sea_Ice Cover	cm		1/day	4.5 x 7.5 dg :: G				
			3184	Sea_Ice Fraction, Open-water	%		[ice response]	[crit feat] :: [modern ice]	N/A :: Sfc			
			3186	Sea_Ice Max Extent	cm		1/day	2.8 x 2.8 dg :: G				
			3114	Sea_Level Height-Change	cm		[ice response]	G ave :: G	N/A :: Sfc			
			2454	Sea_sfc Brightness Temperature	K		1/(5 day)	2.5 dg :: G				
			2969	Soil Moisture	mm		1/event, 1/mo, 1/yr	30-90 m :: R				
			2970	Soil Moisture	mm		1/event, 1/mo, 1/yr	900 m :: R				
			2971	Soil Moisture	mm		1/event, 1/mo, 1/yr	18 km :: R				
			3067	Soil Moisture	m		2/day	4.5 x 7.5 dg :: Land	N/A :: Sfc			
			3068	Soil Moisture	m		2/day	2.8 x 2.8 dg :: Land	N/A :: Sfc			
			2955	Surface Water Saturated Area	m^2		1/event, 1/mo, 1/yr	30-90 m :: R				
			2956	Surface Water Saturated Area	m^2		1/event, 1/mo, 1/yr	900 m :: R				
			2957	Surface Water Saturated Area	km^2		1/event, 1/mo, 1/yr	18 km :: R				
			1589	Temperature Profile	K		2/day	4.5 x 7.5 dg :: G				
			1590	Temperature Profile	C		1/(5 min)	30 km :: [East. U.S.]				
			1591	Temperature Profile	K		1/hr	20-100 km :: R				
			1592	Temperature Profile	K		2/day	2.8 x 2.8 dg :: G				
			1593	Temperature Profile	C		1/(5 min)	500 m :: [East. U.S.]				

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Barron	BAR01	Barron's Data Product	3147	Sea_Ice Conc, GCM	K		1/hr	1 km :: R				
			1628	Temperature, Dry-bulb, PBL	K		1/day	10 km :: R	:: PBL			
			1634	Temperature-Change, Convective_Adjustment	K/s		2/day	4.5 x 7.5 dg :: G				
			1635	Temperature-Change, Convective_Adjustment	K/s		2/day	2.8 x 2.8 dg :: G				
			1636	Temperature-Tendency	K/s		2/day	4.5 x 7.5 dg :: G				
			1637	Temperature-Tendency	K/s		2/day	2.8 x 2.8 dg :: G				
			2840	Topographic Elevation, Land_sfc	km		? 5000 yr	5 km :: 2 sites				
			1792	Vegetation Evapotrans	g/kg/m^2		1/event, 1/mo, 1/yr	30-90 m :: R				
			1793	Vegetation Evapotrans	g/kg/m^2		1/event, 1/mo, 1/yr	900 m :: R				
			1794	Vegetation Evapotrans	g/kg/m^2		1/event, 1/mo, 1/yr	18 km :: R				
			1506	Vertical Motion	cm/s		1/hr	1 km :: R				
			1507	Vertical Motion	cm/s		1/hr	20-100 km :: R				
			1504	Vertical Motion, Omega	mb/s		2/day	2.8 x 2.8 dg :: G				
			1505	Vertical Motion, Omega	mb/s		2/day	4.5 x 7.5 dg :: G				
			1508	Vertical Motion, Omega	mb/s		1/(6 hr)	1 dg :: G	15-20 lvl ::			
			1704	Wind Direction	dg		1/(5 min)	30 km :: [East. U.S.]				
			1705	Wind Direction	dg		1/(5 min)	500 m :: [East. U.S.]				
			1721	Wind Speed	m/s		1/(5 min)	30 km :: [East. U.S.]				
			1722	Wind Speed	m/s		1/(5 min)	500 m :: [East. U.S.]				
			1723	Wind Speed	m/s		1/hr	20-100 km :: R				
			1724	Wind Speed	m/s		1/hr	1 km :: R				
			1736	Wind Speed, Meridional	m/s		2/day	4.5 x 7.5 dg :: G				
			1737	Wind Speed, Meridional	m/s		2/day	2.8 x 2.8 dg :: G				
			1740	Wind Speed, Zonal	m/s		2/day	4.5 x 7.5 dg :: G				
			1741	Wind Speed, Zonal	m/s		2/day	2.8 x 2.8 dg :: G				
			1558	Wind Stress, Meridional	N/m^2		2/day	2.8 x 2.8 dg :: G	Sfc ::			
			1750	Wind Stress, Meridional	N/m^2		2/day	4.5 x 7.5 dg :: G	Sfc ::			
			1747	Wind Stress, Zonal	N/m^2		2/day	4.5 x 7.5 dg :: G	Sfc ::			
			1748	Wind Stress, Zonal	N/m^2		2/day	2.8 x 2.8 dg :: G	Sfc ::			
			1696	Wind U Tendency	m/s^2		2/day	2.8 x 2.8 dg :: G				
			1698	Wind U Tendency	m/s^2		2/day	4.5 x 7.5 dg :: G				
			1647	Wind V Tendency	m/s^2		2/day	4.5 x 7.5 dg :: G				
			1648	Wind V Tendency	m/s^2		2/day	2.8 x 2.8 dg :: G				
			3163	Wind Velocity	km		[ice response]	[crit feat] :: [modern ice]	N/A :: Sfc			
Brewer	BRE01	Brewer's Data Product	1134	CO Flux	mol-CO/m^2/s		1/mo	:: G	N/A :: Sfc			
			1135	CO Flux Diagnostics	mol-CO/m^2/s		1/mo	:: G	N/A :: Sfc			
			1149	CO2 Flux	mol-CO2/m^2/s		1/mo	:: G	N/A :: TOO			
			1148	CO2 Flux Diagnostics	mol-CO2/m^2/s		1/mo	:: G	N/A :: TOO			
			1154	COS Conc	mix ratio		1/mo	:: G	:: PBL			
			1156	CS2 Conc	mix ratio		1/mo	:: G	:: PBL			
			1160	DMS Conc	mix ratio		1/mo	:: G	:: PBL			
			1161	DMS Flux	mol/m^2/s		1/mo	:: G	N/A :: Sfc			
			1162	DMS Flux Diagnostics	mol/m^2/s		1/mo	:: G	N/A :: Sfc			
			1159	DMSP Conc	mix ratio		1/mo	:: G	:: PBL			
			1174	H2S Conc	mix ratio		1/mo	:: G	:: PBL			
			1368	SO2 Conc	mix ratio		1/mo	:: G	:: PBL			
			1157	Surfactant Conc	mix ratio		1/mo	:: G	:: PBL			

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Brewer	BRE01	Brewer's Data Product	1134	CO Flux	mix ratio		1/mo	:: G	:: PBL			
			3088	Water Column Bacteria Field			1/mo	:: G	N/A :: Water Column			
			3073	Water Column Detritus Field			1/mo	:: G	N/A :: Water Column			
			3074	Water Column Nutrient Field			1/mo	:: G	N/A :: Water Column			
			2505	Water Column Phytoplankton Field			1/mo	:: G	N/A :: Water Column			
			1367	Water Column Salinity	part per thousand (ppt)		1/mo	:: G	:: PBL			
			1173	Water Column Temperature	K		1/mo	:: G	:: PBL			
			2596	Water Column Total Alkalinity			1/mo	:: G	N/A :: Water Column			
			2595	Water Column Total CO2	ppm		1/mo	:: G	N/A :: Water Column			
			2504	Water Column Zooplankton Field			1/mo	:: G	N/A :: Water Column			
Cihlar	CIH01	Cihlar's Data Product	2706	APAR	dimensionless		1/mo	1 km :: Land/R (42 - 86.5 N , 52.5 - 141 W)	N/A :: Scf		0.07	
			1773	C Budge	ppb		1/yr	1 km :: Land/R (42 - 86.5 N , 52.5 - 141 W)	N/A :: Scf		0.14	
			2694	FPAR	dimensionless		1/mo	1 km :: Land/R (42 - 86.5 N , 52.5 - 141 W)	N/A :: Scf		0.07	
			2737	Growing Season Duration	date		1/yr	1 km :: Land/R (42 - 86.5 N , 52.5 - 141 W)	N/A :: Scf		0.07	
			2661	LAI	dimensionless		1/mo	1 km :: Land/R (42 - 86.5 N , 52.5 - 141 W)	N/A :: Scf		0.07	
			2547	Land/Vegetation Cover	km^2		1/yr	0.5 km :: Land/R (42 - 86.5 N , 52.5 - 141 W)	N/A :: Sfc		0.27	
			1766	NPP			1/yr	1 km :: Land/R (42 - 86.5 N , 52.5 - 141 W)	N/A :: Scf		0.14	
			2727	PAR	quqnta/m^2/s		1/mo	1 km :: Land/R (42 - 86.5 N , 52.5 - 141 W)	N/A :: Scf		0.07	
			2713	Vegetation Change	veg change classes	1 class	1/yr	1 km :: Land/R (42 - 86.5 N , 52.5 - 141 W)	N/A :: Scf		0.07	
Dickinson	DIC01	Dickinson's Data Product	6072	Aerosols Distributions, Upper Troposphere/Lower Stratosphere, HIRDLS	mixing ratio, ppbv		1/mo	25 km :: G	:: Upper Trop./Lower Stra.		13.33	
			6071	Ozone, Upper Troposphere/Lower Stratosphere, HIRDLS	mixing ratio, ppbv		1/mo	25 km :: G	:: Upper Trop./Lower Stra.		13.33	
			6070	Water Vapor, Upper Troposphere/Lower Stratosphere, HIRDLS	mixing ratio, ppbv		1/mo	25 km :: G	:: Upper Trop./Lower Stra.		13.33	
			3584	BATS Land Cover Type Maps			1/week	1 km :: L	N/A :: Sfc		166.67	
			3530	Boreal Forests Freeze Map			1/mo	25 km :: G	N/A :: Sfc		4.44	
			3531	Boreal Forests Thaw Map			1/mo	25 km :: G	N/A :: Sfc		4.44	
			3532	Boreal Forests Vegetation Map			1/mo	25 km :: G	N/A :: Sfc		4.44	
			3521	BRDF (Bi-directional Reflectance Distribution Function), Land Sfc (not covered by snow/ice)			1/week	10 km :: Land (not cover by snow/ice)	N/A :: Sfc		10.00	
			3522	BRDF (Bi-directional Reflectance Distribution Function), Land Sfc (not covered by snow/ice), Higher Res.			1/day (for 1 year)	1 km :: Land (not cover by snow/ice)	N/A :: Sfc		4,166.67	
			3523	BRDF (Bi-directional Reflectance Distribution Function), Land Sfc (not covered by snow/ice), Res. 1(TBD)					N/A :: Sfc			
			3524	BRDF (Bi-directional Reflectance Distribution Function), Land Sfc (not covered by snow/ice), Res. 2(TBD)					N/A :: Sfc			

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Dickinson	DIC01	Dickinson's Data Product	3584	BATS Land Cover Type Maps					N/A :: Sfc			
			3526	BRDF (Bi-directional Reflectance Distribution Function), Land Sfc (not covered by snow/ice), Res. 4(TBD)					N/A :: Sfc			
			3529	CH4 Total, MOPITT	ppbv		1/mo	25 km :: G	4 km/ column :: Atmos		13.33	
			3528	CO Profile , MOPITT	ppbv		1/mo	25 km :: G	4 km/ column :: Atmos		13.33	
			3585	Daibatic Forcing, Atmospheric			1/mo	:: G	N/A :: Atmos		6.67	
			3588	Energy Budget, Atmospheric			1/mo	:: G	N/A :: Atmos		6.67	
			3587	Heat Budget, Atmospheric	W/m^2		1/mo	:: G	N/A :: Atmos		6.67	
			3537	Heat Flux, Latent	W/m^2		1/mo		N/A :: Sfc		2,466.67	
			3536	Heat Flux, Sensible	W/m^2		1/mo		N/A :: Sfc		2,466.67	
			3589	Ice-water Path	kg/m^2		1, 24/mo [Avg]	250 km :: G	N/A ::Cloud		0.07	
			3535	LAI (Leaf Area Index)	dimensionless		1/mo		N/A :: Sfc		2,466.67	
			3533	Land Cover Classes, Covert MODIS Spectral Data			1/mo		N/A :: Sfc		2,466.67	
			3586	Moisture Budget, Atmospheric			1/mo	:: G	N/A :: Atmos		6.67	
			2598	Planetary Albedo, Near IR (> 0.7 um)	%		1/week	1 km :: G	N/A :: Sfc		550.00	
			2597	Planetary Albedo, Visible (< 0.7 um)	%		1/week	1 km :: G	N/A :: Sfc		550.00	
			3534	Surface Albedo	%		1/mo		N/A :: Sfc		2,466.67	
			3590	Potential Vorticity, Stratospheric	/s		1/mo	250 km :: G	N/A ::Stratosphere		0.23	
			3527	Sea-ice Conc	% cover		1/mo	25 km :: G	N/A :: Sfc		0.02	
			3582	Vegetation Chemistry Conc (Lignin, Nitrogen, Cellulose & Chlorophyll)	mg/m^3		1/week	1 km :: L	N/A :: Sfc	33.33	16.67	
			3583	Vegetation Chemistry Conc Ratio (Lignin, Nitrogen, Cellulose & Chlorophyll)	%		1/week	1 km :: L	N/A :: Sfc	33.33	16.67	
Dozier	DOZ01	Dozier's Data Product	2811	Land Geochemical Analysis	N/A		1/mo	50 m :: L	N/A :: Sfc		0.48	
			2553	Land_sfc Biochemical Analysis	N/A		1/mo	50 m :: L	N/A :: Sfc		0.48	
			2989	Runoff	m^3/km^2/s	50% :: 50%	1/mo	50 m :: L	N/A :: Sfc		0.48	
			3070	Runoff_Chemistry	eq/m^2/s	100% :: 100%	1/day	50 m :: L	N/A :: Sfc		0.48	
			3002	Snow Chemistry	m-eq/m^2	50% :: 50%	1/mo	50 m :: Snow/L	N/A :: Sfc		0.48	
			3041	Snow Melt Area, Distributed	mm/hr	50% :: 50%	1/mo	50 m :: L	N/A :: Sfc		0.48	
			3042	Snow Melt Chemistry	m-eq/m^2	100% :: 100%	1/mo	50 m :: L	N/A :: Sfc		0.48	
Grose	GRO01	Grose's Data Product	1068	CH3Cl Conc	mix ratio		1/mo	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.03	
			1090	CH4 Budget			1/mo	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.10	
			1080	CH4 Conc	mix ratio		1/mo	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.03	
			1114	ClOy Conc (Cl, ClO, HOCl, HCl, ClONO2, Cl2O2 & Cl2)	mix ratio		48/day [for 10 day]	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		7.24	
			1112	ClOy Conc (Cl, ClO, HOCl, HCl, ClONO2, Cl2O2 & Cl2), Monthly	mix ratio		1/mo	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.18	
			1832	H2O Conc	mix ratio		48/day [for 10 day]	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.26	
			1185	HCl Conc	mix ratio		1/seas	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.01	
			1226	HOy Conc (H, OH, HO2, H2O2)	mix ratio		48/day [for 10 day]	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		4.14	
			1225	HOy Conc (H, OH, HO2, H2O2), Monthly	mix ratio		1/mo	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.10	

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Grose	GRO01	Grose's Data Product	1114	ClOy Conc (Cl, ClO, HOCl, HCl, ClONO2, Cl2O2 & Cl2)			1/mo	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.10	
			1244	N2O Budget			1/mo	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.10	
			1234	N2O Conc	mix ratio		1/mo	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.03	
			1291	NOy Budget (N, NO, NO2, HNO3, NO3, N2O5, HNO4)			1/mo	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.10	
			1289	NOy Conc (N, NO, NO2, HNO3, NO3, N2O5, HNO4)	mix ratio		48/day [for 10 day]	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		7.24	
			1288	NOy Conc (N, NO, NO2, HNO3, NO3, N2O5, HNO4), Monthly	mix ratio		1/mo	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.18	
			1330	O3 Budget			1/mo	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.10	
			1363	Ox Conc (O, O(1D), O3)	mix ratio		48/day [for 10 day]	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		3.10	
			1361	Ox Conc (O, O(1D), O3), Monthly	mix ratio		1/mo	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.08	
			1515	Planetary Wave Structure			1/day	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.79	
			1596	Temperature Profile	K		48/day [for 10 day]	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		1.03	
			1595	Temperature Profile, Monthly	K		1/mo	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.03	
			1755	Trace Gas Transport Diagnostics			1/mo	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		0.10	
			1645	Vorticity, Potential	/s		1/day	128 (Lon) x 64 (Lat) grids :: G	1 lvl :: 0-30 km		0.03	
			1677	Wind Velocity	m/s, dg		48/day [for 10 day]	128 (Lon) x 64 (Lat) grids :: G	24 lvl :: 0-90 km		1.03	
			1676	Wind Velocity, Monthly	m/s, dg		1/mo	128 (Lon) x 64 (Lat) grids :: G	[24 lvl] :: 0-90 km		0.03	
Hansen	HAN01	Hansen's Data Product	2548	C Flux, Global	g-C/m^2/s		1/wk	500 km ::				GISS
			2554	C-Cycle Diagnostic Data			1/wk	500 km :: G	:: Trop			GISS
			2545	Climatology Diagnostic Data			1/wk	500 km :: G	:: Atmos			GISS
			2422	Cloud Radiative Forcing	W/m^2		1/wk	500 km :: G	:: Atmos			GISS
			2135	Heat Flux, Feedback,	W/m^2		1/wk	500 km :: G	:: Atmos			GISS
Harris	HAR01	Harris's Data Product	3571	C Flux	g-C/m^2/s			:: Ocean				
			3570	Fish-stock Abundance			seas, yr	:: Ocean / R(Australia-STC)				
			3565	Ocean Color/Temperature Maps, Composite				:: Ocean / R(Australia-STC)				
			3569	Ocean Productivity-Variability	mg-C/m^2		seas, yr	:: Ocean / R(Australia-STC)				
			3566	Phytoplankton Biomass	mg/m^3			:: Ocean / R(Australia-STC)				
			3567	Phytoplankton Species Composition				:: Ocean / R(Australia-STC)				
			3568	Temperature, Dry-bulb, Tropopause				:: Ocean / R(Australia-STC)				
Hartmann	HAT01	Hartmann's Data Product	1891	Cloud Ice Content	kg/m^2	0.02 :: 0.02	1/day	10 km :: G				
			1923	Cloud Liq_water Total Column	kg/m^2	0.05 :: 0.05	1/day	10 km :: G	Column :: Trop			

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Hartmann	HAT01	Hartmann's Data Product	1891	Cloud Ice Content			1/day	100 km :: Sites				
			1472	Heat Flux, Latent, Sea Sfc	W/m^2	10% :: 10%	1/day	100 km :: Ocean	Sfc ::		0.20	
			3591	Heat Flux, Sensible, Sea Sfc	W/m^2	10% :: 10%	1/day	100 km :: Ocean	Sfc ::		0.20	
			3592	Momentum Flux, Sea Sfc	gm/m^2	10% :: 10%	1/day	100 km :: Ocean	Sfc ::		0.20	
			1945	Precipitation Amount	mm/day	10% :: 10%	1/day	10 km :: Ocean				
Isacks	ISA01	Isacks's Data Product	3577	Discharge, Selected Streams	m^3/s		1/mo	:: Land	N/A :: Sfc			SCF, Cornell University
			3580	Energy & Mass Balance, Estimated, Alpine Glaciers			1/mo	:: Land/R(Alpine)	N/A :: Sfc			SCF, Cornell University
			3572	Extent and Glacial Facies Boundaries, Selected Andean/Himalayan Glaciers			1/mo	:: Land/R(Andean/Himalayan)	N/A :: Sfc			SCF, Cornell University
			3581	Geomorphic Events, Selected Case Histories				:: Land/R	N/A :: Sfc			SCF, Cornell University
			3575	Landslide Distribution & Size			1/mo	:: Land	N/A :: Sfc			SCF, Cornell University
			3576	Revegetation Rate, Landslide			1/yr	:: Land	N/A :: Sfc			SCF, Cornell University
			3579	Sediment Mass Balance, Estimated, Target Regions			1/mo	:: Land/R	N/A :: Sfc			SCF, Cornell University
			3573	Snow Cover, Andean/Himalayan			1/(2 weeks)	:: Land/R(Andean/Himalayan)	N/A :: Sfc			SCF, Cornell University
			3578	Suspended Load, Selected Streams			1/mo	:: Land	N/A :: Sfc			SCF, Cornell University
			3574	Vegetation, Andean/Himalayan			1/mo	:: Land/R(Andean/Himalayan)	N/A :: Sfc			SCF, Cornell University
Kerr, Sorooshian	KER01	Kerr's Data Product	2886	Drainage_Basin Boundary	km^2	10000 [?] ::	1/mission	30 m :: Land/R	:: Sfc			
			2136	Heat Flux, Horizontal	W/m^2/um			10 km :: Land/R	:: Trop			
			1473	Heat Flux, Latent	W/m^2	10% :: 10%	1/day	500 m :: Land	N/A :: Sfc			
			1484	Heat Flux, Sensible	W/m^2	10% :: 10%	1/hr	500 km :: Land/R	N/A :: Sfc			
			1485	Heat Flux, Sensible	W/m^2	10% :: 10%	1/hr	500 m :: Land/R	N/A :: Sfc			
			2270	Irradiance, Total	W/m^2	50 :: 25		500 m :: Land/R	N/A :: Sfc			
			2331	PAR	W/m^2	100 :: 100	1/day	500 m :: Land/R	N/A :: Sfc			
			2138	Radiative Flux, Net	W/m^2	15% :: 15%	[diurnal]	1 km :: Land/R	N/A :: Sfc			
			3050	River Channel Geometry, Major-stream	m^2	10 :: 10	1/seas	30 m :: Land/R	:: Sfc			
			2901	Runoff_Contributing-area	km^2	5 :: 5	1/mission	500 m :: Land/R	N/A :: Sfc			
			2991	Runoff_Contributing-area	km^2	5 :: 5	1/mission	500 m :: Land/R				
			2048	Soil Brightness Index	%	5% :: 10%	1/(2 mo)	30 m :: Land/R				
			2793	Soil Class	class		1/yr	30 m :: Land/R				
			2973	Soil Moisture	% vol	25% :: 15%	1/day	500 m :: Land/R	:: Sfc			
			2789	Soil Proportion, Bare	%	10% :: 10%	1/wk	500 m :: Land	N/A :: Sfc			
			2503	Soil Temperature	K	0.5 K :: 0.5 K	2/day [d,n]	500 m :: Land/R	:: Sfc			
			2609	Vegetation Biomass, Above_sfc	kg/m^2	20% ::	1/seas	60 m :: Land/R	:: Sfc			
			2714	Vegetation Condition	N/A	10% :: 10%	1/wk	500 m :: Land/R	N/A :: Sfc			
			2752	Vegetation Index	%	.01 :: .01	1/(2 wk)	30 m :: Land/R	:: Sfc			
			2682	Vegetation Index, Leaf Area, (LAI)	%	10% :: 5%	1/mo	30 m :: Land/R	:: Sfc			
			2621	Vegetation Litter Biomass	kg/km^2			30 m :: Land/R	:: Sfc			
			2699	Vegetation Production, Net Primary, (NPP)	t/yr	20% :: 10%	1/yr	500 m :: Land	N/A :: Sfc			
			2704	Vegetation Productivity	annual %			30 m :: Land/R	:: Sfc			

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Kerr, Sorooshian	KER01	Kerr's Data Product	2699	Vegetation Production, Net Primary, (NPP)	%change	5% :: 5%	1/(2 mo)	500 m :: Land/R				
Lau	LAU01	Lau's Data Product	3507	Evaporation, Land_sfc	g/kg/s		1/mo	2.5 x 2.5 dg:: G	N/A :: Sfc		0.00	GSFC
			3511	Heating, Latent	K/s				:: Atmos			GSFC
			3513	Moisture Budget				:: R	:: Upper_atmos			GSFC
			3505	Precipitable Water, Daily Statistics (hourly rate, daily mean,STD,min & max)	mm		1/day	2.5 x 2.5 dg:: G	N/A :: Sfc		7.00	GSFC
			3504	Rain Rate, Daily Statistics (hourly rain rate, daily mean,STD,min & max)	mm		1/day	2.5 x 2.5 dg:: G	N/A :: Sfc		7.00	GSFC
			3509	Snow Cover	km^2, %			:: G	N/A :: Sfc			GSFC
			3508	Soil Moisture	g/kg/m^2			:: G	N/A :: Sfc			GSFC
			3506	Vegetation Evapotrans, Daily Statistics (hourly rate, daily mean,STD,min & max)	mm		1/day	2.5 x 2.5 dg:: G	N/A :: Sfc		7.00	GSFC
			3517	Heat Flux, Latent, Ocean Surface	W/m^2		1/mo	1.0 x 1.0 dg :: Ocean	N/A :: Sfc		0.01	JPL
			3516	Momentum Flux, Ocean Surface	N/m^2		1/wk	1.0 x 1.0 dg :: Ocean	N/A :: Sfc		0.04	JPL
			3520	Sea_Level Height	mm		1/wk	1.0 x 1.0 dg :: Ocean	N/A :: Sfc		0.04	JPL
Moore	MOO01	Moore's Data Product	1091	CH4 Emission	g/ha/timestep	30%? :: 5-10%?	1/mo	1 km :: Land	:: Sfc			
			1092	CH4 Emission	g/ha/timestep	30%? :: 5-10%?	1/mo	.030-1 km :: Land/R,L	:: Sfc			
			1143	CO2 Exchange	various			Mult :: Land/R				
			1144	CO2 Exchange	various			Mult :: Land				
			2633	Fire Burning Index	ha		1/yr	1 km :: Land				
			3069	Hydrological Parameter, XXX	% saturation		1/wk	1 km :: Land				
			2937	Inundation Depth	m		1/wk	1 km :: Land				
			2941	Inundation Extent	ha/km^2		1/wk	1 km :: Land				
			1245	N2O Emission	g/ha/mo	30% :: 5-10%	1/mo, 1/yr	.030-1 km :: Land/L,R				
			1246	N2O Emission	g/ha/mo	30% :: 5-10%	1/mo, 1/yr	1 km :: Land				
			2332	PAR	W/m^2	100 :: 100	1/day	.030-1 km :: Land/R,L				
			2333	PAR	W/m^2	100 :: 100	1/day	1 km :: Land				
			2893	River Discharge	m^3/s		1/wk	1 km :: Land				
			2990	Runoff	mm-H2O/wk		1/wk	1 km :: Land				
			2769	Sediment(C) Constituent Flux	kg/wk/TBD-area		1/wk	1 km :: Sel_basins	N/A :: Sfc			
			2775	Sediment(N) Constituent Flux	kg/wk/TBD-area		1/wk	1 km :: Sel_basins	N/A :: Sfc			
			2777	Sediment(P) Constituent Flux	kg/wk/TBD-area		1/wk	1 km :: Sel_basins	N/A :: Sfc			
			2974	Soil Moisture	kg/m^2	20% :: 20%	1/(1-2 wk)	.030-1 km :: Land/R,L				
			2975	Soil Moisture	kg/m^2	20% :: 20%	1/(1-2 wk)	1 km :: Land				
			2549	Soil N Turnover	kg/ha per t-step	30% :: 1%	1/mo, 1/yr	Mult :: Land/R,L				
			2550	Soil N Turnover	kg/ha per t-step	30% :: 1%	1/mo, 1/yr	Mult :: Land				
			2705	Soil Proportion, Bare	%	10% :: 10%	1/mo	1 km :: Land				
			2610	Vegetation Biomass, Above_sfc	kg/ha		1/(1-3 yrs) [few yrs]	.030-1 km :: Land/R				
			2611	Vegetation Biomass, Above_sfc	kg/ha		1/(1-3 yr) [few yr]	.030-1 km :: Land				
			2625	Vegetation Biomass, Sub_sfc	kg/ha		1/(1-3 yr) [few yr]	:: Land/R				
			2626	Vegetation Biomass, Sub_sfc	kg/ha		1/(1-3 yr) [few yr]	:: Land				
			1797	Vegetation Evapotrans	mm/day	1 :: 1	1/day, 1/wk	.030-1 km :: Land/R,L				
			1798	Vegetation Evapotrans	mm/day	1 :: 1	1/day, 1/wk	1 km :: Land				
			2635	Vegetation Extent	ha	15% :: 15%	1/yr	1 km :: Land				
			2753	Vegetation Index	dimensionless		1/mo, 1/yr	.030-1 km :: Land/R,L				
			2754	Vegetation Index	dimensionless		1/mo, 1/yr	1 km :: Land				

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Moore	MOO01	Moore's Data Product	1091	CH4 Emission	%	10 :: 5	1/(1-3 mo) [few mo]	30 m :: Land/L,R				
			2622	Vegetation Litter Biomass	kg/ha		1/(1-3 yr) [few yr]	:: Land/R,L				
			2623	Vegetation Litter Biomass	kg/ha		1/(1-3 yr) [few yr]	:: Land				
			2697	Vegetation Production, Net Ecosystem, (NEP)	t/yr/km^2	25% :: 10%	1/yr	km [?] :: Land				
			2700	Vegetation Production, Net Primary, (NPP)	t/yr/km^2	25% :: 10%	1/yr	1 km :: Land				
			2725	Vegetation Stress Index, XXX			1/mo	30 m :: Land/R,L				
			2738	Vegetation Type	classes		1/(3 yr)	1 km :: Land				
Mouginis-Mark	MOU01	Mouginis-Mark's Data Product	3267	Eruption-Plume Dispersal	km/day		1/event	1 km :: R	N/A :: Sfc		0.00	
			3289	Eruption_Plume SO2 Map-IR	kg/day		1/day, 1/wk	1 km :: G	N/A :: Sfc		0.05	
			3281	Eruption_Plume SO2 Map-UV	kg/day		1/day, 1/wk	1 km :: G	N/A :: Sfc		0.01	
			3288	Eruption_Plume SO2 Spike_IR	kg/day		1/day, 1/wk	1 km :: G	N/A :: Sfc		0.02	
			3293	Eruption_Plume_ Top Topography	cm		5/yr	1 km :: G	N/A :: Sfc		1.67	
			3266	Lava-Flow Area-Change	km^2		1/event	1 km :: G	N/A :: Sfc		0.67	
			3291	Thermal Anomaly Map High-Res.			1/day, 1/wk		N/A :: Sfc		0.15	
			3292	Thermal Anomaly Map Low-Res.			1/day, 1/wk		N/A :: Sfc		8.33	
			3272	Volcano Cone Deformation and Change	cm/mo	1 cm (ver) ::	(~10)/event	30 m :: Land/L	cm :: Sfc		1.67	
			3290	Volcano Eruption Spike			1/event		N/A :: Sfc		0.00	
			3296	Volcano Temperature-Change	C/yr	1 C ::	1/yr	30 m :: Land/L	N/A :: Sfc		6.67	
			3269	Volcano Topography	cm		1/event		N/A :: Sfc		0.83	
Murakami	MUR01	Murakami's Data Product	3563	Heat Flux, Latent	W/m^2			:: Ocean/R(~Pacific)				
			3556	O3 Conc	ppm			5 dg :: G	2 km :: Atmos			
			3559	Precipitable Water	cm			:: Ocean/R(~Pacific)				
			3558	Precipitation Amount	mm			:: Ocean/R(~Pacific)				
			3561	Sea_Level Height	m			:: Ocean/R(~Pacific)				
			3564	Sea_sfc Temperature (SST)	K			:: Ocean/R(~Pacific)				
			3557	Trace Gas Total Burden, Greenhouse				5 dg :: G	NA :: Atmos			
			3562	Wind Velocity, Sea_sfc	m/s,dg			:: Ocean/R(~Pacific)				
			3560	Wind Velocity, Tropospheric 3-D	m/s,dg			:: Ocean/R(~Pacific)				
Pyle	PYL01	Pyle's Data Product	1033	BrOy Conc	mixing ratio							
			1181	CFC-XXX (HCFCs) Conc	mixing ratio							
			1058	CFC-XXX Conc	mixing ratio							
			1081	CH4 Conc	mixing ratio							
			1115	ClOy Conc	mixing ratio							
			1833	H2O Conc	mixing ratio							
			1175	Halons Conc	mixing ratio							
			1227	HOy Conc	mixing ratio							
			1236	N2O Conc	mixing ratio							
			1290	NOy Conc	mixing ratio							
			1364	Ox Conc	mixing ratio							
			1598	Temperature Profile	K							
			1646	Vorticity, Potential	/s							
			1683	Wind Velocity, 3-D	m/s,dg							
Richey, Batista	RIC01	Richey's Data Product	1093	CH4 Flux	g/ha/day	20% :: 20%	1/day	1 km :: Land/R	:: Sfc			
			1094	CH4 Flux	g/ha/day	20% :: 20%	1/day	1 km :: Land/R				
			1147	CO2 Flux	kg/ha/hr	20% :: 20%	1/day	1 km :: Land/R	:: Sfc			
			1155	COS Flux	kg/ha/hr	20% :: 20%	1/day	1 km :: Land/R				
			2710	Ground Water Sum Routing	g/ha/day	20% :: 20%	1/mo	1 km :: Land/R				

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Richey, Batista	RIC01	Richey's Data Product	1093	CH4 Flux	mm/mo	10% :: 10%	1/wk	1 km :: Land/R	:: Sfc			
			1944	Precipitation Amount	mm/mo	10% :: 10%	1/wk	1 km :: R				
			2987	Runoff	m^3/s	5% :: 5%	1/wk	1 km :: Land/R	:: Sfc			
			2988	Runoff	m^3/s	5% :: 5%	1/wk	1 km :: Land/R				
			1795	Vegetation Evapotrans	mm/mo	5% :: 5%	1/mo	1 km :: Land/R	:: Sfc			
			1796	Vegetation Evapotrans	mm/mo	5% :: 5%	1/mo	1 km :: Land/R				
Rothrock	ROT01	Rothrock's Data Product	1474	Heat Flux, Latent	W/m^2	20% :: 20%	1/(3 day)	100 km :: > 60 dgLAT				
			1486	Heat Flux, Sensible	W/m^2	20% :: 20%	1/day, 1/wk	100 km :: > 60 dgLAT				
			2607	Ocean Productivity, Primary	g-C/m^2/day		1/(3 day)	100 km :: > 60 dgLAT	:: TOO			
			3198	Ocean Water Attenuation Coef, Diffuse	/m		1/(3 day)	100 km :: > 60 dgLAT	:: TOO			
			3082	Ocean Water Salinity	o/oo		1/(3 day)	100 km :: > 60 dgLAT	:: TOO			
			3084	Ocean Water Salt Flux	kg/m^2/day	20% :: 20%	1/day	100 km :: > 60 dgLAT	:: TOO			
			3119	Ocean Water Temperature, Internal	K		1/(3 day)	100 km :: > 60 dgLAT	lvl :: TOO			
			3076	Pigment Conc	mg/m^3		1/(3 day)	100 km :: > 60 dgLAT	:: TOO			
			1523	Pressure, Sfc	mb		1/(3 day)	100 km :: > 60 dgLAT	N/A :: Sfc			
			2406	Radiance, Total	mW/m^2		1/(3 day)	100 km :: > 60 dgLAT				
			2178	Radiative Flux, LW, Net	W/m^2	10% :: 10%	1/day	100 km :: > 60 dgLAT				
			2227	Radiative Flux, SW, Net	W/m^2	15% :: 15%	1/day, 1/wk	100 km :: > 60 dgLAT				
			3194	Sea_Ice Extent	fraction	0.05 :: 0.05	1/(3 day)	100 km :: > 60 dgLAT	:: Sfc			
			3187	Sea_Ice Max Extent	fraction		1/(3 day)	100 km :: > 60 dgLAT	:: Sfc			
			3132	Wind Velocity	cm/s,dg		1/(3 day)	100 km :: > 60 dgLAT	:: Trop			
			1686	Wind Velocity, Geostrophic	m/s		1/(3 day)	100 km :: > 60 dgLAT				
			1678	Wind Velocity, Sea_sfc	m/s,dg		1/(3 day)	100 km :: > 60 dgLAT				
Schimel	SCH01	Schimel's Data Product	2002	Albedo, Land_sfc	%	10% :: 1%	1/day, 1/wk	[multiple] :: 6 sites/L				
			2887	Bowen Ratio	ratio	20% :: 1%	1/day	500 m :: 6 sites/L	:: Sfc			
			1098	CH4 Uptake	g/ha/mo	30% :: 5%	1/seas	[multiple] :: 6 sites/L	:: Sfc			
			1099	CH4 Uptake	g/ha/mo	30% :: 1%	1/seas	30 m :: 6 sites/L	:: Sfc			
			1100	CH4 Uptake Time-derivative	g/ha/mo^2	30% :: 1%	1/seas	[multiple] :: 6 sites/L	:: Sfc			
			1145	CO2 Exchange	g/ha/hr	25% :: 1%	1/day	Mult :: 6 sites/L	:: Sfc			
			1146	CO2 Exchange Time-deriv	g/ha/hr^2	25% :: 1%	1/day	Mult :: 6 sites/L	:: Sfc			
			1247	N2O Emission	g/ha/mo	25% :: 1%	1/seas	[multiple] :: 6 sites/L	:: Sfc			
			1248	N2O Emission Time-deriv	g/ha/mo^2	50% :: 1%	1/seas	[multiple] :: 6 sites/L	:: Sfc			
			1257	NH4 Exchange	g/ha/mo	25% :: 1%	1/seas	[multiple] :: 6 sites/L	:: Sfc			
			1258	NH4 Exchange Time-deriv	g/ha/mo^2	25% :: 1%	1/seas	[multiple] :: 6 sites/L	:: Sfc			
			1259	NMHC Flux	g/ha/mo	50% :: 5%	1/seas	[multiple] :: 6 sites/L	:: Sfc			
			1260	NMHC Flux	g/ha/mo	50% :: 1%	1/seas	30 m :: 6 sites/L	:: Sfc			
			1261	NMHC Flux Time-deriv	g/ha/mo^2	50% :: 1%	1/seas	30 m :: 6 sites/L	:: Sfc			
			1284	NOx Emission	g/ha/mo	25% :: 1%	1/seas	30 m :: 6 sites/L	:: Sfc			
			1285	NOx Emission	g/ha/mo	25% :: 5%	1/seas	[multiple] :: 6 sites/L	:: Sfc			
			1286	NOx Emission Time-deriv	g/ha/mo^2	25% :: 1%	1/seas	30 m :: 6 sites/L	:: Sfc			
			2976	Soil Moisture	cm	25% :: 5%	1/wk	30 m :: 6 sites/L	:: Sfc			
			2551	Soil N Turnover	kg/ha	25% :: 1%	1/seas	Mult :: 6 sites/L	:: Sfc			
			2552	Soil N Turnover Time-deriv	kg/ha	25% :: 1%	1/seas	Mult :: 6 sites/L	:: Sfc			
			2790	Soil Proportion, Bare	%	15% :: 5%	1/mo	500 m :: 6 sites/L	:: Sfc			
			1799	Vegetation Evapotrans	cm/day	20% :: 1%	1/day	[multiple] :: 6 sites/L	:: Sfc			
			1803	Vegetation Evapotrans Time-deriv, Annual	cm/yr	20% :: 1%	1/day	[multiple] :: 6 sites/L	:: Sfc			
			2637	Vegetation Height	m	20% :: 5%	1/yr	500 m :: 6 sites/L	:: Sfc			
			2702	Vegetation Production Time-deriv, Net Primary, (dNPP/dt)	kg/ha	20% :: 1%	1/seas	[multiple] :: 6 sites/L	:: Sfc			
Schoeberl	SCO01	Schoeberl's Data Product	2701	Vegetation Production, Net Primary, (NPP)	kg/ha	20% :: 1%	1/seas	[multiple] :: 6 sites/L	:: Sfc			
			1025	Br Conc	ppt	20% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Schoeberl	SCO01	Schoeberl's Data Product	2701	Vegetation Production, Net Primary, (NPP)	ppt	20% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1032	BrONO2 Conc	ppt	20% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1038	CBrClF2 Conc	ppt	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1039	CCl4 Conc	ppt	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1041	CCl4 Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1053	CFC-11(CFCl3) Conc	ppb	15% ::	(1-4)/day	2 x 3 dg :: G	2 km :: Atmos			
			1054	CFC-11(CFCl3) Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1035	CFC-113(C2Cl3F3) Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1034	CFC-114(C2Cl2F4) Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1036	CFC-115(C2ClF5) Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1045	CFC-12(CF2Cl2) Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1046	CFC-12(CF2Cl2) Conc	ppb	15% ::	(1-4)/day	2 x 3 dg :: G	2 km :: Atmos			
			1056	CFClO Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1060	CH3 Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1063	CH3Br Conc	ppt	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1064	CH3CCl3 Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1069	CH3Cl Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1071	CH3O Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1072	CH3O2 Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1073	CH3OOH Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1082	CH4 Conc	ppm	15% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1083	CH4 Conc	ppm	10% :: 10%	1/(3 mo)	6 regions :: R	1 km :: 0-15 km			
			1084	CH4 Conc	ppm	15% ::	(1-4)/day	2 x 3 dg :: G	2 km :: Atmos			
			1101	CHO Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1102	Cl Conc	ppb	20% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1106	ClO Conc	ppb	20% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1111	ClONO2 Conc	ppb	20% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1123	CO Conc	ppb	20% ::	1/(3 mo)	6 regions :: R	1 km :: 0-15 km			
			1152	COF2 Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1163	H Conc	ppb	30% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1164	H2 Conc	ppm	15% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1059	H2CO Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1834	H2O Conc	ppm	30% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1835	H2O Conc	ppm	15% :: 10%	(1-4)/day	2 x 3 dg :: G	2 km :: Atmos			
			1169	H2O2 Conc	ppb	30% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1170	H2O2 Conc	ppb	30% ::	1/(3 mo)	6 regions :: R	1 km :: 0-15 km			
			1179	HBr Conc	ppt	20% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1186	HCl Conc	ppb	20% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1196	HF Conc	ppb	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1201	HNO3 Conc	ppm	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1209	HNO4 Conc	ppm	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1215	HO2 Conc	ppb	30% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1221	HOCl Conc	ppb	20% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1228	N Conc	ppm	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1237	N2O Conc	ppb	15% ::	(1-4)/day	2 x 3 dg :: G	2 km :: Atmos			
			1238	N2O Conc	ppb	25% :: 10%	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1253	N2O5 Conc	ppm	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1265	NO Conc	ppm	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1272	NO2 Conc	ppm	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1281	NO3 Conc	ppm	25% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1283	NOx Conc	ppt	30% ::	1/(3 mo)	6 regions :: R	1 km :: 0-15 km			

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Schoeberl	SCO01	Schoeberl's Data Product	1069	CH3Cl Conc	ppm	20% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1297	O(3P) Conc	ppm	20% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1315	O3 Conc	ppm	20% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			1316	O3 Conc	ppm	10% :: 10%	(1-4)/day	2 x 3 dg :: G	2 km :: Atmos			
			1317	O3 Conc	ppb	20% ::	1/(3 mo)	6 regions :: R	1 km :: 0-15 km			
			1346	O3 Conc, SBUV-2_Corrected	ppm	0.5 :: 0.2	1/day	8 x 10 dg :: G	5 km :: Atmos			
			1347	O3 Conc, SBUV-2_Follow-on	ppm	0.5 :: 0.2	1/day	8 x 10 dg :: G	5 km :: Atmos			
			1348	O3 Conc, SBUV_Corrected	ppm	0.5 :: 0.2	1/day	8 x 10 dg :: R	5 km :: Atmos			
			1335	O3 Total Burden, TOMS_Follow-on	DU	5 :: 2	1/day	1 x 1 dg :: G	Column :: Atmos			
			1336	O3 Total Burden, TOMS_Version-6	DU	5 DU :: 2	1/day	1 x 1 dg :: R	Column :: Atmos			
			1357	OH Conc	no/cm^3	30% ::	1/(3 mo)	6 regions :: R	1 km :: 0-15 km			
			1358	OH Conc	no/cm^3	15% :: 10%	1/mo	2 x 3 dg :: G	2 km :: Trop			
			1359	OH Conc	ppb	30% ::	1/mo	10 dgZM :: G	2 km :: 0-90 km			
			2412	Radiation Intensity, UV	photons/cm^2/s/nm	20% :: 15%	1/day	2 x 3 dg :: G	2 km :: Trop			
			1599	Temperature Profile	K	2 K :: 2 K	(1-4)/day	2 x 3 dg :: 1-3 sites [few sites]	2 km :: Atmos			
			1600	Temperature Profile	K	2 K :: 2 K	1/day	4 x 5 dg :: G	3.8 km :: Strat			
			1601	Temperature Profile	K	2 K :: 2 K	1/day	4 x 5 dg :: G	110 mb :: Trop			
			1602	Temperature Profile	K	2 K :: 2 K	1/day	4 x 5 dg :: G	3.8 km :: Strat			
			1603	Temperature Profile	K	2 K :: 2 K	1/day	4 x 5 dg :: G	110 mb :: Trop			
			1604	Temperature Profile	K	2 K :: 2 K	1/day	2 x 3 dg :: G	2 km ::			
			1624	Temperature Profile	K	2 K :: 1 K	1/day	2 x 2 dg :: R	2 km :: Atmos			
			1625	Temperature Profile	K	2 K :: 1 K	1/day	2 x 2 dg :: G	2 km :: Atmos			
			1373	Trace Gas Total Burden	column density	25% :: 15%	[irreg]	N/A :: R	Column :: Atmos			
			1725	Wind Speed	m/s	2 m/s :: 2 m/s	(1-4)/day	2 x 3 dg :: G	2 km :: Atmos			
			1726	Wind Speed	m/s	2 m/s :: 2 m/s	1/day	4 x 5 dg :: G	3.8 km :: Strat			
			1727	Wind Speed	m/s	2 m/s :: 2 m/s	1/day	4 x 5 dg :: G	110 mb :: Trop			
			1728	Wind Speed	m/s	2 m/s :: 2 m/s	1/day	4 x 5 dg :: G	3.8 km :: Strat			
			1729	Wind Speed	m/s	2 m/s :: 2 m/s	1/day	4 x 5 dg :: G	110 mb :: Trop			
			1730	Wind Speed	m/s	2 m/s :: 2 m/s	1/day	2 x 3 dg :: G	2 km ::			
Sellers	SEL01	Sellers's Data Product	1150	CO2 Flux	mmol/m^2/s		1/hr	1 dg ::				
			1487	Heat Flux, Sensible	W/m^2		4/day	1 dg ::				
			1846	Moisture Flux	kg/m^2/s		4/day	1 dg ::				
			2712	Vegetation Phenologic State, AVHRR			1/mo	20 km ::				
Simard	SIM01	Simard's Data Product	2927	Ice_Sheet Accumulation		20% ::	1/yr	:: Canada/R	:: Sfc			
			2928	Ice_Sheet Boundary (Margin)		20% ::	1/yr	:: Canada/R	:: Sfc			
			2899	Ice_Sheet Displacement	cm	10 cm ::	1/yr	:: Canada/R	:: Sfc			
			2979	Permafrost Distribution	km	1 km ::	1/(3 yr)	:: Canada/R	:: Sfc			
			2980	Permafrost Sensitivity		1 km ::	1/(3 yr)	:: Canada/R	:: Sfc			
			3144	Sea_Ice Conc	% cover	10 km/10% ::	1/(2 wk)	10 km :: Canada/R	:: Sfc			
			3169	Sea_Ice Conc	km	500 m ::	1/(2 wk)	500 m :: Canada/R	:: Sfc			
			3172	Sea_Ice Conc	km/day	500 m ::	1/wk	500 m :: Canada/R	:: Sfc			
			3135	Sea_Ice Duration, Ice-free_Season	day	1 km [?] ::	1/yr [?]	:: Canada/R	:: Sfc			
			3159	Sea_Ice Edge	km	500 m ::	1/(2 wk)	500 m :: Canada/R	:: Sfc			
			3193	Sea_Ice Extent		500 m ::	1/(2 wk)	500 m :: Canada/R	:: Sfc			
			3023	Snow Cover	km	10 km ::	1/wk	10 km :: Canada/R	:: Sfc			
			3036	Snow Depth	cm	5 cm/10% ::	1/wk	10 km :: Canada/R	:: Sfc			
			3044	Snow State	wet or dry			:: Canada/R	:: Sfc			
			3001	Snow Water Equivalent	mm	10 mm/10% ::	1/wk	10 km :: Canada/R	:: Sfc			
			3164	Wind Velocity, Sea_sfc	km	25 km ::	1/wk	25 km :: Canada/R	:: Sfc			
Srokocz	SRO01	Srokocz's Data Product	3539	Heat Flux, Latent	W/m^2		1/mo	>= 1 dg (Select) ::				

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	Prod ID	Product Name	Parm ID	Parameter Name	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Cover.	Vertical Resol. :: Cover.	Vol. (MB/day) Prod.	Vol. (MB/day) Parm.	Processing Facility
Srokocz	SRO01	Srokocz's Data Product	3539	Heat Flux, Latent	W/m^2		1/mo	>= 1 dg (Select) ::				
			3545	Heat Flux-Change Statistics, Latent	W/m^2		1/mo	>= 1 dg (Select) ::				
			3546	Heat Flux-Change Statistics, Sensible	W/m^2		1/mo	>= 1 dg (Select) ::				
			3541	Moisture Flux, Net	g/kg/m^2		1/mo	>= 1 dg (Select) ::				
			3547	Moisture Flux-Change Statistics , Net	g/kg/m^2		1/mo	>= 1 dg (Select) ::				
			3538	Momentum	N		1/mo	>= 1 dg (Select) ::				
			3544	Momentum-Change Statistics	N/s		1/mo	>= 1 dg (Select) ::				
			3543	Radiative Flux, LW	W/m^2		1/mo	>= 1 dg (Select) ::				
			3542	Radiative Flux, Solar	W/m^2		1/mo	>= 1 dg (Select) ::				
			3549	Radiative Flux-Change Statistics , LW	W/m^2		1/mo	>= 1 dg (Select) ::				
			3548	Radiative Flux-Change Statistics , Solar	W/m^2		1/mo	>= 1 dg (Select) ::				
			3551	Sea_Level Height-Change Statistics	cm		5 yr (yr,seas,<seas)	1 x 1 dg :: Ocean /R				
			3550	Sea_Level Height-Variability, RMS	cm		1/seas	1 x 1 dg ::				
			3554	Sea_sfc Feature-Occurence Statistics			occasional	1 km ::				
			3555	Sea_sfc Gradient-Changes Statistics	/km		occasional	1 km ::				
			3552	Sea_sfc Temperature Statistics	K		1/mo	1 km ::				
			3553	Sea_sfc Temperature-Change Statistics	K/km^2		1/5yr	1 x 1 dg ::				
			1379	Angular Momentum	kg m^2/s	1% ::	4/day	:: G	:: Atmos		36.81	
			2857	Geodetic Location, Reference	cm	< 2 cm :: <1 cm		N/A :: G	N/A :: Sfc		0.07	
			2860	Geodetic Orientation	mas (m-arc_sec),ms	1mas,0.1ms ::	1/day	N/A :: G	N/A :: N/A		0.07	
			2868	Land_sfc Rebound, Post-Glacial,	/yr	5% ::	1/(~10 yr)	N/A :: G	ns [?] :: Global		0.00	
			2854	Lithosphere Gravity Field	mgal	10% ::		200 km :: Ocean	N/A :: Ocean		18.85	
			3089	Ocean Angular Momentum	kg m^2/s^2	10% ::	1/day	:: Ocean	:: Ocean		24.87	
			3090	Ocean Current Circulation, Large-scale	m	10% ::	1/(1-3 mo) [few mo]	4000 km :: Ocean	N/A :: Sfc		0.28	
			3124	Sea_Level Height, Monthly	mm	10% ::	1/mo	2 x 2 dg :: Ocean	N/A :: Sfc	0.09		
			3110	Sea_Level Height, Yearly	cm	1-2 cm ::	1/yr	2 x 2 dg :: Ocean	N/A :: Sfc	0.09		
Tapley	TAP01	Tapley's Data Product	1641	Torque, Friction	kg m^2/s^2	5% ::	4/day	50 km :: G	N/A :: Sfc		12.43	
			2875	Torque, Mountain	kg m^2/s^2	5% ::	4/day	50 km :: Land	N/A :: Sfc		12.43	
			2876	Torque, Ocean-Land	kg m^2/s^2	10% ::	4/day	50 km :: G	N/A :: Sfc		4.13	
Wielicki	WIE01	Single Satellite TOA Fluxes, Surface Fluxes, and Cloud Properties, Research (SSF-R, CER11r)	TBD	TBD			1/hr	1.25 x 1.25 :: R (GOES-Next viewing area; 50S to 50N and 100 degrees in longitude; about 2000 x 2000 km)		4,133.33		LaRC
	WIE02	Single Satellite Cloud-Radiation Pixel Product, Research (CRS-R, CER04r)	TBD	TBD			1/hr	1.25 x 1.25 :: R (GOES-Next viewing area; 50S to 50N and 100 degrees in longitude; about 2000 x 2000 km)		5,900.00		LaRC
	WIE03	Hourly Single-Satellite Flux Product, Research (FSW-R, CER05r)	TBD	TBD			1/hr	1.25 x 1.25 :: R (GOES-Next viewing area; 50S to 50N and 100 degrees in longitude; about 2000 x 2000 km)		400.00		LaRC
	WIE04	Synoptic Cloud-Radiation Data Product, Research (SYN-R, CER07r)	TBD	TBD			1/hr	1.25 x 1.25 :: R (GOES-Next viewing area; 50S to 50N and 100 degrees in longitude; about 2000 x 2000 km)		300.00		LaRC

Appendix M. IDS Output Data Products by Investigator

Version 4.0 (3/96)

Investigator	*Prod ID*	*Product Name*	*Parm ID*	*Parameter Name*	*Units*	*Accuracy Abs :: Rel*	*Temporal Resolution*	*Horizontal Resol. :: Cover.*	*Vertical Resol. :: Cover.*	*Vol. (MB/day)*		*Processing Facility*
										Prod.	*Parm.*	
Wielicki	WIE05	Regional, Monthly Average Data Product, Research (AVG-R, CER08r)	TBD	TBD			1/hr	1.25 x 1.25 :: R (GOES-Next viewing area; 50S to 50N and 100 degrees in longitude; about 2000 x 2000 km)		13.33		LaRC
	WIE06	Zonal, and Global Monthly Average Data Product, Research (ZAVG-R, CER15r)	TBD	TBD			1/hr	1.25 x 1.25 :: R (GOES-Next viewing area; 50S to 50N and 100 degrees in longitude; about 2000 x 2000 km)		0.07		LaRC