9/13/90
--PRELIMINARY--

MODIS DATA PRODUCT LIST

(Data products are listed in alphabetical order by investigator)

Prod #	Cat	Parameter :: Qualifier	Type	Investigator	Instr.	Source or DAAC	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Domain	Vertical Resol. :: Domain	Time frame	Original Product Name (from Investigator)	Last Update
2575	BM	Chlorophyll :: Fluor_line_height	O :: FI	Abbott	MODIS-N		mW/cm^2/sr/um	.004 :: .001	1 dy,wk,mo	20 km :: Ocean/GR	N/A :: TOO	AL	Chlorophyll Fluorescence Line Height	8/24/90
2576	BM	Chlorophyll :: Fluor_line_height	O :: FI	Abbott	MODIS-N		mW/cm^2/sr/um	.004 :: .001	1 dy,wk,mo	1 km :: Ocean/RL	N/A :: TOO	AL	Chlorophyll Fluorescence Line Height	8/24/90
2566	BM	Chlorophyll_a ::	O :: FI	Abbott	MODIS-N&T		mg/m^3	50-100% :: 35%	1 dy,wk,mo	1 km :: Ocean/GRL	N/A :: TOO	PL	Chlorophyll-A Conc. from Fluoresc.	8/24/90
2567	BM	Chlorophyll_a ::	O :: FI	Abbott	MODIS-N&T		mg/m^3	50-100% :: 35%	1 dy,wk,mo	4 km :: Ocean/GRL	N/A :: TOO	PL	Chlorophyll-A Conc. from Fluoresc.	8/24/90
2568	BM	Chlorophyll_a ::	O :: FI	Abbott	MODIS-N&T		mg/m^3	50-100% :: 35%	1 dy,wk,mo	20 km :: Ocean/GRL	N/A :: TOO	PL	Chlorophyll-A Conc. from Fluoresc.	8/24/90
2602	BM	Productivity :: Primary	O :: FI	Abbott	MODIS-N&T		mg C/m^2/dy	:: 50-100%	1 dy,wk,yr	1 km :: Ocean/I	N/A :: TOO	PL	Primary Productivity, Case I Waters	8/24/90
2603	BM	Productivity :: Primary	O :: FI	Abbott	MODIS-N&T		mg C/m^2/dy	:: 50-100%	1 dy,wk,yr	50 km :: Ocean/I	N/A :: TOO	PL	Primary Productivity, Case I Waters	8/24/90
2604	BM	Productivity :: Primary	O :: FI	Abbott	MODIS-N&T		mg C/m^2/dy		1 dy,wk	1 km :: Ocean/GRL	N/A :: Sfc	PL	Instant. Surf. Prim. Prod. from F.L.H.	8/24/90
2605	BM	Productivity :: Primary	O :: FI	Abbott	MODIS-N&T		mg C/m^2/dy		1 dy,wk	20 km :: Ocean/GRL	N/A :: Sfc	PL	Instant. Surf. Prim. Prod. from F.L.H.	8/24/90
3211	OR	Fluorescence_efficiency ::	O :: FI	Abbott	MODIS-N&T		dimensionless	15% :: 5%	1 dy,wk	1 km :: Ocean/R	N/A :: TOO	PL	Fluorescence Efficiency	8/24/90
3212	OR	Fluorescence_efficiency ::	O :: FI	Abbott	MODIS-N&T		dimensionless	15% :: 5%	1 dy,wk	20 km :: Ocean/R	N/A :: TOO	PL	Fluorescence Efficiency	8/24/90
2110	AR	Emissitivity :: Sfc	O :: FI	Barton	MODIS-N&T		dimensionless	0.01 :: 0.01	1 dy, wk	1 km :: Global/R	N/A :: Sfc	PL	Surface Emissivity	8/24/90
2111	AR	Emissitivity :: Sfc	O :: FI	Barton	MODIS-N&T		dimensionless	0.01 :: 0.01	1 dy, wk	50 km :: Global/R	N/A :: Sfc	PL	Surface Emissivity	8/24/90
2527	AR	Temperature :: SST	O :: FI	Brown	MODIS-N		K	0.3-0.6K :: 0.1-0.3K	1dy,wk,mo	1 km :: Ocean/L	N/A :: Sfc	AL	Regional sea surface temperature (AVHRR algorithm)	8/31/90
2528	AR	Temperature :: SST	O :: FI	Brown	MODIS-N		K	0.3-0.6K :: 0.1-0.3K	1dy,wk,mo	20 km :: Ocean/GR	N/A :: Sfc	AL	Regional sea surface temperature (AVHRR algorithm)	8/31/90
2529	AR	Temperature :: SST	O :: FI	Brown	MODIS-N		K	0.3-0.6K :: 0.1-0.3K	1dy,wk,mo	4 km :: Ocean/RL	N/A :: Sfc	AL	Regional sea surface temperature (AVHRR algorithm)	8/31/90
2530	AR	Temperature :: SST	O :: FI	Brown,Barton	MODIS-N		K	0.3-0.6K :: 0.1-0.3K	1dy,wk,mo	4 km :: Ocean/RL	N/A :: Sfc	AL	Global sea surface temperature (ATSR algorithm)	8/31/90
2531	AR	Temperature :: SST	O :: FI	Brown,Barton	MODIS-N		K	0.3-0.6K :: 0.1-0.3K	1dy,wk,mo	20 km :: Ocean/GR	N/A :: Sfc	AL	Global sea surface temperature (ATSR algorithm)	8/31/90
2532	AR	Temperature :: SST	O :: FI	Brown,Barton	MODIS-N		K	0.3-0.4K :: 0.1-0.6K	1dy,wk,mo	50 km :: Ocean	N/A :: Sfc	AL	Global sea surface temperature (ATSR algorithm)	8/31/90
2569	BM	Chlorophyll_a ::	O :: FI	Carder	MODIS-N&T		mg/m^3	50% :: 10%	1 dy,wk,mo	1 km :: Ocean/II, L	N/A :: TOO	AL	Chlorophyll-A Concentration (Case II)	8/24/90
2570	BM	Chlorophyll_a ::	O :: FI	Carder	MODIS-N&T		mg/m^3	50% :: 10%	1 dy,wk,mo	20 km :: Ocean/II, GR	N/A :: TOO	AL	Chlorophyll-A Concentration (Case II)	8/24/90
2580	BM	Organic_matter :: Dissolved	O :: FI	Carder	MODIS-N&T		mg/m^3	150% :: 30%	1 dy,wk,mo	20 km :: Ocean	N/A :: TOO	AL	Dissolved Organic Matter-Case I Global	8/24/90
2581	BM	Organic_matter :: Dissolved	O :: FI	Carder	MODIS-N&T		mg/m^3	150% :: 30%	1 dy,wk,mo	1 km :: Ocean/RL	N/A :: TOO	AL	Dissolved Organic Matter-Case I Global	8/24/90
2031	OR	Attenuation :: PAR	O :: FI	Clark	MODIS-N&T		/m	35% :: 10%	1 dy, wk	1 km :: Global	N/A :: TOO	PL	Attenuation of PAR (K)	8/24/90
2032	OR	Attenuation :: PAR	O :: FI	Clark	MODIS-N&T		/m	35% :: 10%	1 dy, wk	20 km :: Global	N/A :: TOO	PL	Attenuation of PAR (K)	8/24/90
2571	BM	Chlorophyll_a ::	O :: FI	Clark	MODIS-N&T		mg/m^3	30% :: 10%	1 dy,wk,mo	1 km :: Ocean/I, L	N/A :: TOO	AL	Chlorophyll-a Concentration (Case I)	8/24/90
2572	BM	Chlorophyll_a ::	O :: FI	Clark	MODIS-N&T		mg/m^3	30% :: 10%	1 dy,wk,mo	20 km :: Ocean/I, GR	N/A :: TOO	AL	Chlorophyll-a Concentration (Case I)	8/24/90
2608	BM	Solids :: Organic_fraction	O :: FI	Clark	MODIS-N&T		dimensionless	15% :: 10%	1 dy,wk	20 km :: Ocean	N/A :: TOO	PL	Organic Fraction	8/24/90
3085	OC	Solids :: Suspended	O :: FI	Clark	MODIS-N&T		g/m^3	50% :: 35%	1 dy,wk,mo	20 km :: Ocean	N/A :: TOO	AL	Total Suspended Solids	8/24/90
3086	OC	Solids :: Suspended	O :: FI	Clark	MODIS-N&T		g/m^3	50% :: 35%	1 dy,wk,mo	1 km :: Ocean/RL	N/A :: TOO	AL	Total Suspended Solids	8/24/90
3206	OR	Attenuation_coef :: @520nm	O :: FI	Clark	MODIS-N&T		/m	:: 35%	1 dy,wk	1 km :: Ocean	N/A :: TOO	PL	Beam Attenuation Coeff. c,520nm	8/24/90
3207	OR	Attenuation_coef :: @520nm	O :: FI	Clark	MODIS-N&T		/m	:: 35%	1 dy,wk	20 km :: Ocean	N/A :: TOO	PL	Beam Attenuation Coeff. c,520nm	8/24/90
2330	AR	PAR ::	O :: FI	Esaias	MODIS-N&T		quanta/m^2/s	TBD :: TBD	1 dy	N/A :: Global	N/A :: Atmos	PL	Daily PAR	8/24/90
2606	BM	Productivity :: Primary	O :: FI	Esias	MODIS-N&T		mg/m^3	<35% :: <20%	1 wk,mo,yr	20 km :: Ocean/GR	N/A :: TOO	AL	Ocean Primary Productivity (Empirically)	8/24/90
3303	XX	XXX :: Calibration_data	O :: FI	Evans	MODIS-N&T		varies		1 dy,wk,mo	N/A :: Ocean/GRL	N/A :: Sfc	AL	Calibration Data Sets	8/24/90
1688	AD	Wind :: Glint_pattern	O :: FI	Gordon	MODIS-N&T		m/s		1/orbit(d)	1 km :: Ocean/R	N/A :: Sfc	PL	Sfc Winds In Glint Pattern	8/24/90
2254	AR	Glint_field ::	O :: FI	Gordon	MODIS-N&T		dimensionless		1/orbit(d)	1 km :: Ocean/R	N/A :: Sfc	PL	Glint Field	8/24/90
2266	AR	IPAR ::	O :: FI	Gordon	MODIS-N&T		quanta/m^2/s	10% :: 5%	1/dy(d)	1 km :: Ocean/L	N/A :: Sfc	AL	Surface Incident PAR (h nu), Keb	8/24/90
2267	AR	IPAR ::	O :: FI	Gordon	MODIS-N&T		quanta/m^2/s	10% :: 5%	1/dy(d)	20 km :: Ocean	N/A :: Sfc	AL	Surface Incident PAR (hau) Keb	8/24/90
2295	AR	Angstrom_exponent :: Aerosol	O :: FI	Gordon	MODIS-N&T		dimensionless	15% :: 5%	1 dy,wk,mo	1 km :: Ocean/RL	N/A :: Atmos	AL	Aerosol Angstrom Exp. Optical Depth	9/19/90
2296	AR	Angstrom_exponent :: Aerosol	O :: FI	Gordon	MODIS-N&T		dimensionless	15% :: 5%	1 dy,wk,mo	20 km :: Ocean	N/A :: Atmos	AL	Aerosol Angstrom Exp. Optical Depth	8/24/90
2344	AR	Radiance :: Aerosol	O :: FI	Gordon	MODIS-N&T		mW/cm^2/sr/um	10% :: 5%	1 dy,wk,mo	1 km :: Ocean/GRL	N/A :: Atmos	AL	Single Scattering Aerosol Radiation; ta<0.6	8/31/90
2345	AR	Radiance :: Aerosol	O :: FI	Gordon	MODIS-N&T		mW/cm^2/sr/um	10% :: 5%	1 dy,wk,mo	20 km :: Ocean/GRL	N/A :: Atmos	AL	Single Scattering Aerosol Radiance Ta<0.6	8/24/90
2555	OR	Backscatter_coef :: Phytoplankton	O :: FI	Gordon	MODIS-N&T		soft, med, hard		1 dy,wk, mo	1 km :: Ocean/R	N/A :: TOO	PL	Phytoplankton Backscattering Coef	8/24/90
2556	OR	Backscatter_coef :: Coccolith	O :: FI	Gordon	MODIS-N&T		/m	25% :: 10%	1 dy,wk, mo	1 km :: Ocean/R	N/A :: TOO	PL	Coccolith Backscattering Coefficient	8/24/90
2557	OR	Backscatter_coef :: Coccolith	O :: FI	Gordon	MODIS-N&T		/m	25% :: 10%	1 dy,wk, mo	20 km :: Ocean	N/A :: TOO	PL	Coccolith Backscattering Coefficient	8/24/90
2558	OR	Backscatter_coef :: Phytoplankton	O :: FI	Gordon	MODIS-N&T		soft, med, hard		1 dy,wk, mo	20 km :: Ocean	N/A :: TOO	PL	Phytoplankton Backscattering Coef	8/24/90
2559	OR	Backscatter_coef :: Total	O :: FI	Gordon	MODIS-N&T		/m	25% :: 10%	1 dy,wk, mo	1 km :: Ocean/R	N/A :: TOO	PL	Total Backscattering Coef.	8/24/90
2560	OR	Backscatter_coef :: Total	O :: FI	Gordon	MODIS-N&T		/m	25% :: 10%	1 dy,wk, mo	20 km :: Ocean	N/A :: TOO	PL	Total Backscattering Coef.	8/24/90
2416	AR	Radiance :: Water_leaving	O :: FI	Gordon et al	MODIS-N&T		mW/cm^2/sr/um	10% :: 5%	1 dy,wk,mo	1 km :: Ocean/RL	N/A :: Sfc	AL	Water Leaving Radiances (Visible)	8/24/90

MODIS DATA PRODUCT LIST

(Data products are listed in alphabetical order by investigator)

Prod #	Cat	Parameter :: Qualifier	Type	Investigator	Instr.	Source or DAAC	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Domain	Vertical Resol. :: Domain	Time frame	Original Product Name (from Investigator)	Last Update
2417	AR	Radiance :: Water_leaving	O :: FI	Gordon et al	MODIS-N&T		mW/cm^2/sr/um	10% :: 5%	1 dy,wk,mo	20 km :: Ocean/GR	N/A :: Sfc	AL	Water Leaving Radiances (Visible)	8/24/90
2577	BM	Coccolith :: Detached	O :: FI	Gordon,Clark	MODIS-N&T		mg-CaCO3/m^3	30% :: 10%	1 dy,wk,mo	20 km :: Ocean/GR	N/A :: TOO	AL	Detached Coccolith Concentration (E. huxleyi)	8/24/90
2578	BM	Coccolith :: Detached	O :: FI	Gordon,Clark	MODIS-N&T		mg-CaCO3/m^3	30% :: 10%	1 dy,wk,mo	1 km :: Ocean/L	N/A :: TOO	AL	Detached Coccolith Concentration (E. huxleyi)	8/24/90
2591	BM	Pigment ::	O :: FI	Gordon,Clark	MODIS-N&T		mg/m^3	30% :: 10%	1 dy,wk,mo	20 km :: Ocean/GR	N/A :: TOO	AL	Pigment concentration (CZCS)	8/24/90
2592	BM	Pigment ::	O :: FI	Gordon,Clark	MODIS-N&T		mg/m^3	30% :: 10%	1 dy,wk,mo	1 km :: Ocean/RL	N/A :: TOO	AL	Pigment concentration (CZCS)	8/24/90
3199	OR	Attenuation_coef :: @490nm	O :: FI	Gordon,Clark	MODIS-N&T		/m	25% :: 10%	1 dy,wk,mo	20 km :: Ocean/I, RL	N/A :: TOO	AL	Attenuation K At 490nm (Case I)	8/24/90
3200	OR	Attenuation_coef :: @490nm	O :: FI	Gordon,Clark	MODIS-N&T		/m	25% :: 10%	1 dy,wk,mo	1 km :: Ocean/I, RL	N/A :: TOO	AL	Attenuation K At 490nm (Case I)	8/24/90
2573	BM	Chlorophyll :: Fluor_line_curv	O :: FI	Hoge	MODIS-N		mW/cm^2/sr/um	25% :: 8%	1 dy,wk	1 km :: Ocean/R	N/A :: TOO	AL	Chlorophyll Fluorescence Curvature	8/24/90
2574	BM	Chlorophyll :: Fluor_line_curv	O :: FI	Hoge	MODIS-N		mW/cm^2/sr/um	25% :: 8%	1 dy,wk	20 km :: Ocean	N/A :: TOO	AL	Chlorophyll Fluorescence Curvature	8/24/90
2593	BM	Pigment :: Curv	O :: FI	Hoge	MODIS-N&T		mg/m^3	35% :: 15%	1 dy, 1 wk	1 km :: Ocean/R	N/A :: TOO	PL	Pigment Concentration (Curvature)	8/24/90
2594	BM	Pigment :: Curv	O :: FI	Hoge	MODIS-N&T		mg/m^3	35% :: 15%	1 dy, 1 wk	20 km :: Ocean/R	N/A :: TOO	PL	Pigment Concentration (Curvature)	8/24/90
2585	BM	Phycoerythrin ::	O :: FI	Hoge	MODIS-T		mg/m^3	200% :: 50%	1 dy,wk,mo	1 km :: Ocean/RL	N/A :: TOO	AL	Phycoerythrin Pigment Concentration	8/24/90
2586	BM	Phycoerythrin ::	O :: FI	Hoge	MODIS-T		mg/m^3	200% :: 50%	1 dy,wk,mo	20 km :: Ocean	N/A :: TOO	AL	Phycoerythrin Pigment Concentration	8/24/90
2537	AR	Temperature_diff :: Day-night	O :: FI	Huete	MODIS-N		K	1 K :: 1 K	1 dy	856 m :: Regional	N/A :: Sfc	PL	Day/Night Temperature Difference	8/24/90
2047	AR	Brightness_index :: Soil	O :: FI	Huete	MODIS-N&T		%	5% :: 5%	mo	1 km :: Land/R	N/A :: Sfc	AL	Soil Brightness Index	8/24/90
2095	AR	Color_index :: Soil	O :: FI	Huete	MODIS-N&T		class	10% :: 5%	mo	1 km :: Land/R	N/A :: Sfc	AL	Soil Color Index	8/24/90
2286	AR	Mixture_model :: Spectral-Spatial	O :: FI	Huete	MODIS-N&T		dimensionless	5-10% :: 0.05	1 dy	Pixel size :: Global	N/A :: Sfc	PL	Spectral/Spatial mixture modeling	8/24/90
2724	BT	Vegetation_index :: Soil&BRDF_adjusted	O :: FI	Huete	MODIS-N&T		dimensionless	0.01 :: 0.01	1 dy,wk,mo	1 km :: Land/R	N/A :: Sfc	PL	Improved vegetation index	9/19/90
2748	BT	Vegetation_index :: Soil_adjusted	O :: FI	Huete	MODIS-N&T		dimensionless	0.01 :: 0.01	dy,wk,mo	1 km :: Land/R	N/A :: Sfc	AL	Improved Soil-adjusted Vegetation Index	9/19/90
3304	XX	XXX :: Data_char	O :: FI	Justc,Strahlr	MODIS-N&T		dimensionless	30,10, 5% ::	1 dy	1 km :: Global	N/A :: Sfc	PL	Data Characteriz. (goemetry, jitter)	8/24/90
3305	XX	XXX :: Data_char	O :: FI	Justc,Strahlr	MODIS-N&T		dimensionless	30,10, 5% ::	1 dy	10 km :: Global	N/A :: Sfc	PL	Data Characteriz. (goemetry, jitter)	8/24/90
3306	XX	XXX :: Data_char	O :: FI	Justc,Strahlr	MODIS-N&T		dimensionless	30,10, 5% ::	1 dy	50 km :: Global	N/A :: Sfc	PL	Data Characteriz. (goemetry, jitter)	8/24/90
2659	BT	Duration :: Growing_season	O :: FI	Justice	MODIS-N&T		dy	10 dy ::	1 yr	1 km :: Land	N/A :: Sfc	PL	Length of Growing Season	8/24/90
2660	BT	Duration :: Growing_season	O :: FI	Justice	MODIS-N&T		dy	10 dy ::	1 yr	10 km :: Land	N/A :: Sfc	PL	Length of Growing Season	8/24/90
2749	BT	Vegetation_index ::	O :: FI	Justice,Huete,et al	MODIS-N&T		dimensionless	0.01 :: 0.01	dy,wk,mo	10 km :: Land	N/A :: Sfc	AL	Vegetation Indices	8/24/90
2750	BT	Vegetation_index ::	O :: FI	Justice,Huete,et al	MODIS-N&T		dimensionless	0.01 :: 0.01	dy,wk,mo	0.5 km :: Land/R	N/A :: Sfc	AL	Vegetation Indices	8/24/90
2751	BT	Vegetation_index ::	O :: FI	Justice,Huete,et al	MODIS-N&T		dimensionless	0.01 :: 0.01	dy,wk,mo	1 km :: Land/R	N/A :: Sfc	AL	Vegetation Indices	8/24/90
2259	AR	Heterogeneity :: Spatial	O :: FI	Justice,Strahler	MODIS-N		W/m^2/sr/um	50% ::	1 dy	428 m :: Global	N/A :: Sfc	AL	Radiomet.Spatial Heterogeneity (MODIS-N 428 m)	8/24/90
2260	AR	Heterogeneity :: Spatial	O :: FI	Justice,Strahler	MODIS-N		W/m^2/sr/um	20% ::	1 dy	856 m :: Global	N/A :: Sfc	AL	Radiomet.Spatial Heterogeneity (MODIS-N 856 m)	8/24/90
2262	AR	Heterogeneity :: Spatial	O :: FI	Justice,Strahler	MODIS-T		W/m^2/sr/um	30% ::	1 dy	1.1 km :: Global	N/A :: Sfc	AL	Radiomet.Spatial Heterogeneity	8/24/90
2068	AR	Cloud_cover :: Areal_extent	O :: FI	Kaufman	MODIS-N		km^2		mo	1 dg :: Global	N/A :: Sfc	PL	Cloud Area and Perimeter - Geometry	8/24/90
2092	AR	Cloud_cover :: Perimeter	O :: FI	Kaufman	MODIS-N		km		mo	1 dg :: Global	N/A :: Sfc	PL	Cloud Area and Perimeter - Geometry	8/24/90
2429	AR	Reflectance :: Directional	O :: FI	Kaufman et al	MODIS-N		dimensionless	0.01 :: 0.005	1 dy	856 m :: Global	N/A :: Sfc	AL	Surface Directional Reflectance	8/24/90
2430	AR	Reflectance :: Directional	O :: FI	Kaufman et al	MODIS-N		dimensionless	0.01 :: 0.005	1 dy	428 m :: Global	N/A :: Sfc	AL	Surface Directional Reflectance	8/24/90
2431	AR	Reflectance :: Directional	O :: FI	Kaufman et al	MODIS-N		dimensionless	0.01 :: 0.005	1 dy	214 m :: Global	N/A :: Sfc	AL	Surface Directional Reflectance	8/24/90
2471	AR	Temperature :: Fires	O :: FI	Kaufman, Justice	MODIS-N		C (K)	10 C (K) :: 5 C (K)	1 dy,wk	1 km :: Land/R	N/A :: Sfc	AL	Fire Count Size & Temperature	8/24/90
2663	BT	Fires :: Count	O :: FI	Kaufman, Justice	MODIS-N				1 dy,wk	1 km :: Land/R	N/A :: Sfc	AL	Fire Count Size & Temperature	8/24/90
2664	BT	Fires :: Count	O :: FI	Kaufman, Justice	MODIS-N				1 dy,wk	10 km :: Land	N/A :: Sfc	AL	Fire Count Size & Temperature	8/24/90
2665	BT	Fires :: Extent	O :: FI	Kaufman, Justice	MODIS-N				1 dy,wk	1 km :: Land/R	N/A :: Sfc	AL	Fire Count Size & Temperature	8/24/90
2666	BT	Fires :: Extent	O :: FI	Kaufman, Justice	MODIS-N				1 dy,wk	10 km :: Land	N/A :: Sfc	AL	Fire Count Size & Temperature	8/24/90
2711	AR	Temperature :: Fires	O :: FI	Kaufman, Justice	MODIS-N		C (K)	10 C (K) :: 5 C (K)	1 dy,wk	10 km :: Land	N/A :: Sfc	AL	Fire Count Size & Temperature	8/24/90
1017	AC	Aerosol_mass ::	O :: FI	Kaufman,Tanre	MODIS-N		g/m^2	30% :: 10%	dy,mo	0.5 dg :: Global/R	N/A :: Atmos	AL	Aerosol Mass Loading	8/24/90
1874	AH	H2O :: Integrated	O :: FI	Kaufman,Tanre	MODIS-N		mm	5 mm :: 3 mm	1 dy	5 km :: Global	N/A :: Atmos	AL	Total Precipitable Water (water vapor profile)	8/24/90
2293	AR	Optical_depth :: Aerosol	O :: FI	Kaufman,Tanre	MODIS-N		dimensionless	0.1 :: 0.05	dy,mo	0.5 dg :: Land	N/A :: Atmos	AL	Spectral Aerosol Optical Thickness (Land)	8/24/90
2379	AR	Radiance :: Land_leaving	O :: FI	Kaufman,Tanre	MODIS-N		W/m^2/sr/um	10% :: 5%	1 dy	1 km :: Land/R	N/A :: Sfc	AL	Level-2 Land Leaving Radiances	8/24/90
2380	AR	Radiance :: Land_leaving	O :: FI	Kaufman,Tanre	MODIS-N		W/m^2/sr/um	10% :: 5%	1 dy	10 km :: Land	N/A :: Sfc	AL	Level-2 Land Leaving Radiances	8/24/90
2381	AR	Radiance :: Land_leaving	O :: FI	Kaufman,Tanre	MODIS-N		W/m^2/sr/um	10% :: 5%	1 dy	0.5 km :: Land/R	N/A :: Sfc	AL	Level-2 Land Leaving Radiances	8/24/90
1764	AH	Cloud_drop_phase ::	O :: FI	King	MODIS-N		water/ice	90% Conf :: 90% Conf	1/dy	5 km :: Global	N/A :: Cloud	AL	Cloud Water Thermodynamic Phase	8/24/90
1765	AH	Cloud_drop_phase ::	O :: FI	King	MODIS-N		water/ice	90% Conf :: 90% Conf	1 dy,mo	1 dg :: Global	N/A :: Cloud	AL	Cloud Water Thermodynamic Phase	8/24/90
2081	AR	Cloud_cover :: Fraction	O :: FI	King	MODIS-N		%	10% :: 5%	2/dy(d,n), mo	5 km :: Global	N/A :: Cloud	AL	Cloud Fractional Area	8/24/90

MODIS DATA PRODUCT LIST

(Data products are listed in alphabetical order by investigator)

Prod #	Cat	Parameter :: Qualifier	Type	Investigator	Instr.	Source or DAAC	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Domain	Vertical Resol. :: Domain	Time frame	Original Product Name (from Investigator)	Last Update
2082	AR	Cloud_cover :: Fraction	O :: FI	King	MODIS-N		%	10% :: 5%	1 dy,mo	1 x 1 dg :: Global	N/A :: Cloud	AL	Cloud Fractional Area	8/24/90
2311	AR	Optical_depth :: Cloud	O :: FI	King	MODIS-N		dimensionless	20% :: 10%	1/dy (d)	5 km :: Global	N/A :: Cloud	AL	Cloud Optical Thickness	8/24/90
2312	AR	Optical_depth :: Cloud	O :: FI	King	MODIS-N		dimensionless	20% :: 10%	1 dy,mo	1 x 1 dg :: Global	N/A :: Cloud	AL	Cloud Optical Thickness	8/24/90
2094	AR	Cloud_JPDF ::	O :: FI	King,Menzel	MODIS-N&T		dimensionless		1 dy , mo	1 dg :: Global	N/A :: N/A	PL	Cloud Joint Probability Density Funct.	8/24/90
1780	AH	Cloud_drop_size :: Effective_radius	O :: FI	King,Menzel	MODIS-N		um	0-40% :: 5%	1/dy	5 km :: Global	N/A :: Cloud	AL	Cloud Particle Effective Radius	8/24/90
1781	AH	Cloud_drop_size :: Effective_radius	O :: FI	King,Menzel	MODIS-N		um	0-40% :: 5%	1 dy,mo	1 x 1 dg :: Global	N/A :: Cloud	AL	Cloud Particle Effective Radius	8/24/90
1333	AC	O3 :: Integrated	O :: FI	Menzel	MODIS-N		DU	15-20DU :: 10DU	2/dy, dy	5 km :: Global	Column :: Atmos	AL	Total Ozone Content	8/24/90
1334	AC	O3 :: Integrated	O :: FI	Menzel	MODIS-N		DU	15-20DU :: 10DU	dy,mo	0.5 dg :: Global	Column :: Atmos	AL	Total Ozone Content	8/24/90
1528	AD	Pressure :: Cloud_top	O :: FI	Menzel	MODIS-N		mb	50 mb :: 20 mb	2/dy	5 km :: Global	N/A :: Cloud	AL	Cloud Top Pressure	8/24/90
1529	AD	Pressure :: Cloud_top	O :: FI	Menzel	MODIS-N		mb	50 mb :: 20 mb	1 dy,mo	1 dg :: Global	N/A :: Cloud	AL	Cloud Top Pressure	8/24/90
1559	AD	Stability-lifted index ::	O :: FI	Menzel	MODIS-N		dgC	2 dgC :: 1 dgC	2/dy	5 km :: Global	N/A :: Atmos	AL	Atmospheric Stability (lifted index)	8/24/90
1560	AD	Stability-lifted index ::	O :: FI	Menzel	MODIS-N		dgC	2 dgC :: 1 dgC	2/dy.mo	0.5 dg :: Global	N/A :: Atmos	AL	Atmospheric Stability (lifted index)	8/24/90
1875	AH	H2O :: Integrated	O :: FI	Menzel	MODIS-N		mm	10 mm :: 5 mm	2/dy	5 km :: Global	N/A :: Atmos	AL	Total Precipitable Water (water vapor profile)	8/24/90
2126	AR	Emissivity :: Cloud_effective	O :: FI	Menzel	MODIS-N		dimensionless	0.10 :: 0.05	2/dy	5 km :: Global	N/A :: Cloud	AL	Cloud Effective Emissivity	8/24/90
2127	AR	Emissivity :: Cloud_effective	O :: FI	Menzel	MODIS-N		dimensionless	0.10 :: 0.05	1 dy,mo	1 dg :: Global	N/A :: Cloud	AL	Cloud Effective Emissivity	8/24/90
2466	AR	Temperature :: Cloud_top	O :: FI	Menzel	MODIS-N		C (K)	2 C (K) :: 1 C (K)	dy,mo	1 dg :: Global	N/A :: Cloud	AL	Cloud Top Temperature	8/24/90
2467	AR	Temperature :: Cloud_top	O :: FI	Menzel	MODIS-N		C (K)	2 C (K) :: 1 C (K)	2/dy	5 km :: Global	N/A :: Cloud	AL	Cloud Top Temperature	8/24/90
2116	AR	Emissivity :: Cloud	O :: FI	Menzel	MODIS-N&T		dimensionless				N/A :: Sfc	PL	Cloud Emissivity	8/24/90
2404	AR	Radiance :: Topographic_correction	O :: FI	Muller	MODIS-N&T				1 dy	1 km :: Land/R	N/A :: Sfc	AL	Topographic Correction	8/24/90
2405	AR	Radiance :: Topographic_correction	O :: FI	Muller	MODIS-N&T				1 dy	10 km :: Land	N/A :: Sfc	AL	Topographic Correction	8/24/90
2001	AR	Albedo :: Spectral_hemispheric	O :: FI	Muller,Strahler	MODIS-N&T		fraction	10% :: 5%	3-8 dy	2.5 km :: Land/R	N/A :: Sfc	AL	Spectral Hemispherical Albedo	8/31/90
2434	AR	Reflectance :: Directional	O :: FI	Muller,Strahler	MODIS-N&T		fraction	10% :: 5%	1 dy	1.1 km :: Regional	N/A :: Sfc	AL	Directional Reflectance	8/31/90
2040	AR	BRDF :: Land	O :: FI	Muller,Strahler	MODIS-T		fraction	10% :: 5%	mo	1.1 km :: Land/R	N/A :: Sfc	AL	BRDF	8/31/90
3216	OR	Scattering :: Particulate	O :: FI	Parslow	MODIS-N&T		/m	:: 30%	1 dy	1 km :: Ocean	N/A :: TOO	PL	Particulate Scattering	8/24/90
3217	OR	Scattering :: Particulate	O :: FI	Parslow	MODIS-N&T		/m	:: 30%	1 dy	20 km :: Ocean	N/A :: TOO	PL	Particulate Scattering	8/24/90
2582	BM	Organic_matter :: Dissolved	O :: FI	Parslow et al	MODIS-N&T		mg/m^3	150% :: 30%	1 dy,wk,mo	20 km :: Ocean/S	N/A :: TOO	AL	Dissolved Organic Matter-Southern	8/24/90
2583	BM	Organic_matter :: Dissolved	O :: FI	Parslow et al	MODIS-N&T		mg/m^3	150% :: 30%	1 dy,wk,mo	1 km :: Ocean/SRL	N/A :: TOO	AL	Dissolved Organic Matter-Southern	8/24/90
2680	BT	Leaf_area_index ::	O :: FI	Running	MODIS-N&T		dimensionless	0.1-0.25 :: 5-20%	1 dy,wk	pixel size :: Land/GRL	N/A :: N/A	PL	Leaf Area Index	8/24/90
2703	BT	Production :: Primary	O :: FI	Running	MODIS-N&T		Mg/km^2/yr	100 :: 5-30%	1 wk,mo,yr	1 km :: Land/GR	N/A :: N/A	PL	Primary Production	8/24/90
2723	BT	Vegetation :: Stress	O :: FI	Runnng,Huete	MODIS-N&T		s/m	200-1000 :: 5-30%	1 dy,wk	pixel size :: Land/GRL	N/A :: N/A	PL	Vegetation Stress	8/24/90
2282	AR	Masking-shadowing :: Cloud	O :: FI	Salomonson	MODIS-N		dimensionless	5% ::	1 dy	214 m :: Global	N/A :: Sfc	AL	Cloud masking/shadowing (MODIS-N)	8/24/90
2283	AR	Masking-shadowing :: Cloud	O :: FI	Salomonson	MODIS-N		dimensionless	30% ::	1 dy	856 m :: Global	N/A :: Sfc	AL	Cloud masking/shadowing (MODIS-N)	8/24/90
2284	AR	Masking-shadowing :: Cloud	O :: FI	Salomonson	MODIS-N		dimensionless	15% ::	1 dy	428 m :: Global	N/A :: Sfc	AL	Cloud masking/shadowing (MODIS-N)	8/24/90
2338	AR	Radiance :: MODIS-N_Level-1B<3um	O :: FI	Salomonson	MODIS-N		w/m^2/sr/um	5%(1Σ) :: RMS<NEdL	1 dy	428 m :: Global	N/A :: N/A	AL	At-Satellite Radiances<3um	8/24/90
2339	AR	Radiance :: MODIS-N_Level-1B<3um	O :: FI	Salomonson	MODIS-N		w/m^2/sr/um	5%(1Σ) :: RMS<NEdL	1 dy	856 m :: Global	N/A :: N/A	AL	At-Satellite Radiances<3um	8/24/90
2340	AR	Radiance :: MODIS-N_Level-1B>3um	O :: FI	Salomonson	MODIS-N		w/m^2/sr/um	1%(1Σ) :: RMS<NEdL	1 dy	856 m :: Global	N/A :: N/A	AL	At-Satellite Radiances>3um	8/24/90
2341	AR	Radiance :: MODIS-N_Level-1B>3um	O :: FI	Salomonson	MODIS-N		w/m^2/sr/um	1%(1Σ) :: RMS<NEdL	1 dy	428 m :: Global	N/A :: N/A	AL	At-Satellite Radiances>3um	8/24/90
2342	AR	Radiance :: MODIS-N_Level-1B>3um	O :: FI	Salomonson	MODIS-N		w/m^2/sr/um	1%(1Σ) :: RMS<NEdL	1 dy	214 m :: Global	N/A :: N/A	AL	At-Satellite Radiances>3um	8/24/90
2392	AR	Radiance :: MODIS-N_Level-1B<3um	O :: FI	Salomonson	MODIS-N		w/m^2/sr/um	5%(1Σ) :: RMS<NEdL	1 dy	214 m :: Global	N/A :: N/A	AL	At-Satellite Radiances<3 um	8/24/90
3020	GH	Snow_cover ::	O :: FI	Salomonson	MODIS-N&T		km^2	<=5% :: <=5%	1 dy,wk	10 km :: Land	N/A :: Sfc	AL	Snow Cover	8/24/90
3021	GH	Snow_cover ::	O :: FI	Salomonson	MODIS-N&T		km^2	<=5% :: <=5%	1 dy,wk	1 km :: Land/R	N/A :: Sfc	AL	Snow Cover	8/24/90
3153	OH	Sea_ice_cover :: Max_extent	O :: FI	Salomonson	MODIS-N&T		km^2	<=5% :: <=5%	1 dy,wk,mo	10 km :: Ocean/Cryo	N/A :: Sfc	AL	Sea Ice (Max Total Extent)	8/24/90
3154	OH	Sea_ice_cover :: Max_extent	O :: FI	Salomonson	MODIS-N&T		km^2	<=5% :: <=5%	1 dy,wk,mo	1 km :: Ocean/Cryo,R	N/A :: Sfc	AL	Sea Ice (Max Total Extent)	8/24/90
2285	AR	Masking-shadowing :: Cloud	O :: FI	Salomonson	MODIS-T		dimensionless	10% ::	1 dy	1.1 km :: Global	N/A :: Sfc	AL	Cloud masking/shadowing (MODIS-T)	8/24/90
2393	AR	Radiance :: MODIS-T_Level-1B	O :: FI	Salomonson	MODIS-T		w/m^2/sr/um	5%(1Σ) :: RMS<NEdL	1 dy	1.1 km :: Global	N/A :: TOA	AL	At-Satellite Radiances<3 um	8/24/90
2669	BT	Land_cover :: Type	O :: FI	Strahler,Huete,et al	MODIS-N&T		categorical fraction	10% :: 5%	mo,seas	1 km :: Land	N/A :: Sfc	AL	Land Cover	8/31/90
2670	BT	Land_cover :: Type	O :: FI	Strahler,Huete,et al	MODIS-N&T		categorical fraction	10% :: 5%	mo,seas	5 km :: Land	N/A :: Sfc	AL	Land Cover	8/31/90
2671	BT	Land_cover :: Type_change	O :: FI	Strahler,Huete,et al	MODIS-N&T		categorical fraction	10% :: 7%	seas	1 km :: Land	N/A :: Sfc	AL	Land Cover Change	8/31/90
2672	BT	Land_cover :: Type_change	O :: FI	Strahler,Huete,et al	MODIS-N&T		categorical fraction	10% :: 7%	seas	5 km :: Land	N/A :: Sfc	AL	Land Cover Change	8/31/90
2261	AR	Structure :: Spatial	O :: FI	Strahler,Justice	MODIS-N		dimensionless	5% :: 2%	1 dy	856 m :: Global	N/A :: Sfc	AL	Spatial Structure	8/31/90

MODIS DATA PRODUCT LIST

(Data products are listed in alphabetical order by investigator)

Prod #	Cat	Parameter :: Qualifier	Type	Investigator	Instr.	Source or DAAC	Units	Accuracy Abs :: Rel	Temporal Resolution	Horizontal Resol. :: Domain	Vertical Resol. :: Domain	Time frame	Original Product Name (from Investigator)	Last Update
2268	AR	IPAR ::	O :: FI	Tanre	MODIS-N		MJ/m^2	200 :: 5 - 20%	1 dy, wk	1 km :: Global/R	N/A :: Atmos	PL	Incident PAR	8/24/90
1022	AC	Aerosol_size :: Distribution	O :: FI	Tanre,Kaufman	MODIS-N		dimensionless	10-30% :: 10%	dy,mo	0.5 dg :: Global/R	N/A :: Atmos	AL	Mean Radius And Dispersion Of Aerosol	8/24/90
1023	AC	Aerosol_size :: Mean_radius	O :: FI	Tanre,Kaufman	MODIS-N		um	10-30% :: 10%	dy,mo	0.5 dg :: Global/R	N/A :: Atmos	AL	Mean Radius And Dispersion Of Aerosol	8/24/90
2003	AR	Albedo :: Aerosol	O :: FI	Tanre,Kaufman	MODIS-N		dimensionless	0.06 :: 0.03	1 dy, mo	0.5 dg :: Global/R	N/A :: Atmos	PL	Aerosol Single Scattering Albedo	8/24/90
2294	AR	Optical_depth :: Aerosol	O :: FI	Tanre,Kaufman	MODIS-N		dimensionless	0.05 :: 0.02	dy,mo	0.5 dg :: Ocean	N/A :: Atmos	AL	Spectral Aerosol Optical Thickness (Ocean)	8/24/90
1556	AD	Roughness :: Sfc	O :: FI	Tanre,Muller	MODIS-N&T		dimensionless	15% :: 5 - 8%	1 dy, 1wk	1 km :: Global/R	N/A :: Sfc	PL	Bidirec.Reflect/Albedo/Surf. Rough.	8/24/90
1557	AD	Roughness :: Sfc	O :: FI	Tanre,Muller	MODIS-N&T		dimensionless	15% :: 5 - 8%	1 dy, wk	10 km :: Global/R	N/A :: Sfc	PL	Bidirec.Reflect/Albedo/Surf. Rough.	8/24/90
2015	AR	Albedo :: Sfc	O :: FI	Tanre,Muller	MODIS-N&T		dimensionless	15% :: 5 - 8%	1 dy, wk	1 km :: Global/R	N/A :: Sfc	PL	Bidirec.Reflect/Albedo/Surf. Rough.	8/24/90
2016	AR	Albedo :: Sfc	O :: FI	Tanre,Muller	MODIS-N&T		dimensionless	15% :: 5 - 8%	1 dy, wk	10 km :: Global/R	N/A :: Sfc	PL	Bidirec.Reflect/Albedo/Surf. Rough.	8/24/90
2424	AR	Reflectance :: Bidirectional	O :: FI	Tanre,Muller	MODIS-N&T		dimensionless	15% :: 5 - 8%	1 dy, wk	1 km :: Global/R	N/A :: Sfc	PL	Bidirec.Reflect/Albedo/Surf. Rough.	8/24/90
2425	AR	Reflectance :: Bidirectional	O :: FI	Tanre,Muller	MODIS-N&T		dimensionless	15% :: 5 - 8%	1 dy, wk	10 km :: Global/R	N/A :: Sfc	PL	Bidirec.Reflect/Albedo/Surf. Rough.	8/24/90
2337	AR	Polarization_index :: Vegetation	O :: FI	Vanderbilt	MODIS-N&T		dimensionless		1 dy	Pixel size :: Land	N/A :: Sfc	PL	Polarization Vegetation Index	8/24/90
2484	AR	Temperature :: Land_sfc	O :: FI	Wan	MODIS-N		C (K)	1-3 C (K) :: 1 C (K)	1 dy,wk	1 km :: Land/R	N/A :: Sfc	AL	Surface Temperature	8/24/90
2485	AR	Temperature :: Land_sfc	O :: FI	Wan	MODIS-N		C (K)	1-3 C (K) :: 1 C (K)	1 dy,wk	10 km :: Land	N/A :: Sfc	AL	Surface Temperature	8/24/90

Prod #	Cat	Parameter :: Qualifier	Required Channels	Required Inputs EOS	Required Inputs Non-EOS	Comments	Reason for Update
2575	BM	Chlorophyll :: Fluor_line_height	MODIS-N Ocean			>0.5mg/m^3; Errors unknown at present. OWP. FLH=Fluorescence Line Height.	
2576	BM	Chlorophyll :: Fluor_line_height	MODIS-N Ocean			>0.5mg/m^3; Errors unknown at present. OWP. FLH=Fluorescence Line Height.	
2566	BM	Chlorophyll_a ::				>0.5mg/m^3; Accuracies will increase by spatial averaging. OWP.	
2567	BM	Chlorophyll_a ::				>0.5mg/m^3; Accuracies will increase by spatial averaging. OWP.	
2568	BM	Chlorophyll_a ::				>0.5mg/m^3; Accuracies will increase by spatial averaging. OWP.	
2602	BM	Productivity :: Primary				OWP, MLD, CS (Esaias input). Need CERES surface incident fluxes.	
2603	BM	Productivity :: Primary				OWP, MLD, CS (Esaias input). Need CERES surface incident fluxes.	
2604	BM	Productivity :: Primary				>0.5mg/m^3; Errors unknown at present. OWP. FLH=Fluorescence Line Height.	
2605	BM	Productivity :: Primary				>0.5mg/m^3; Errors unknown at present. OWP. FLH=Fluorescence Line Height.	
3211	OR	Fluorescence_efficiency ::				OWP	
3212	OR	Fluorescence_efficiency ::				OWP	
2110	AR	Emissitivity :: Sfc				Accuracies optimistic? (Barton input)	
2111	AR	Emissitivity :: Sfc				Accuracies optimistic? (Barton input)	
2527	AR	Temperature :: SST	MODIS-N 20,22,23,31,32	MODIS	ARGOS		
2528	AR	Temperature :: SST	MODIS-N 20,22,23,31,32	MODIS	ARGOS		
2529	AR	Temperature :: SST	MODIS-N 20,22,23,31,32	MODIS	ARGOS		
2530	AR	Temperature :: SST	MODIS-N 20,22,23,31,32	MODIS	ARGOS		
2531	AR	Temperature :: SST	MODIS-N 20,22,23,31,32	MODIS	ARGOS		
2532	AR	Temperature :: SST	MODIS-N Ocean Thermal	MODIS	ARGOS		
2569	BM	Chlorophyll_a ::	MODIS T&N Ocean				
2570	BM	Chlorophyll_a ::	MODIS T&N Ocean				
2580	BM	Organic_matter :: Dissolved	MODIS T&N Ocean				
2581	BM	Organic_matter :: Dissolved	MODIS T&N Ocean				
2031	OR	Attenuation :: PAR				OWP	
2032	OR	Attenuation :: PAR				OWP	
2571	BM	Chlorophyll_a ::	MODIS T&N Ocean				
2572	BM	Chlorophyll_a ::	MODIS T&N Ocean				
2608	BM	Solids :: Organic_fraction				OWP	
3085	OC	Solids :: Suspended	MODIS T&N Ocean				
3086	OC	Solids :: Suspended	MODIS T&N Ocean				
3206	OR	Attenuation_coef :: @520nm				OWP	
3207	OR	Attenuation_coef :: @520nm				OWP	
2330	AR	PAR ::				Adapted from other EOS data. OWP. (Tanre, King)	
2606	BM	Productivity :: Primary	MODIS T&N Ocean				
3303	XX	XXX :: Calibration_data	MODIS T&N Ocean				
1688	AD	Wind :: Glint_pattern	MODIS T&N Ocean	2392		Requires distinct glint pattern.	
2254	AR	Glint_field ::	MODIS T&N Ocean		65	Glint correction/mask.	
2266	AR	IPAR ::	MODIS T&N Ocean	2295,2345	279,280		
2267	AR	IPAR ::	Modis N&T, Ocean	AIRS			Corrected Mistake
2295	AR	Angstrom_exponent :: Aerosol	MODIS T&N Ocean	1333,1335,2392,2400	64,65		
2296	AR	Angstrom_exponent :: Aerosol	MODIS T&N Ocean	1333,1335,2392,2400	64,65		
2344	AR	Radiance :: Aerosol					
2345	AR	Radiance :: Aerosol	MODIS T&N Ocean	1333,1335,2392,2400	64,65		
2555	OR	Backscatter_coef :: Phytoplankton	MODIS T&N Ocean	2416	none	Requires absence of coccoliths.	
2556	OR	Backscatter_coef :: Coccolith	MODIS T&N Ocean	2416	none		
2557	OR	Backscatter_coef :: Coccolith	MODIS T&N Ocean	2416	none		
2558	OR	Backscatter_coef :: Phytoplankton	MODIS T&N Ocean	2416	none	Requires absence of coccoliths.	
2559	OR	Backscatter_coef :: Total	MODIS T&N Ocean	2416	none		
2560	OR	Backscatter_coef :: Total	MODIS T&N Ocean	2416	none		
2416	AR	Radiance :: Water_leaving	MODIS T&N Ocean	1333,1335,2392,2400	64,65		

Prod #	Cat	Parameter :: Qualifier	Required Channels	Required Inputs EOS	Required Inputs Non-EOS	Comments	Reason for Update
2417	AR	Radiance :: Water_leaving	MODIS T&N Ocean	1333,1335,2392,2400	64,65		
2577	BM	Coccolith :: Detached	MODIS T&N Ocean	2406	none		
2578	BM	Coccolith :: Detached	MODIS T&N Ocean	2406	none		
2591	BM	Pigment ::	MODIS T&N Ocean	2406	none		
2592	BM	Pigment ::	MODIS T&N Ocean	2406	none		
3199	OR	Attenuation_coef :: @490nm	MODIS T&N Ocean	2406	none		
3200	OR	Attenuation_coef :: @490nm	MODIS T&N Ocean				
2573	BM	Chlorophyll :: Fluor_line_curv	MODIS N Ocean				
2574	BM	Chlorophyll :: Fluor_line_curv	MODIS N Ocean				
2593	BM	Pigment :: Curv	MODIS T&N Ocean			Coastal & Estuarine; OWP (Esaias)	
2594	BM	Pigment :: Curv	MODIS T&N Ocean			Coastal & Estuarine; OWP (Esaias)	
2585	BM	Phycoerythrin ::	MODIS T Ocean				
2586	BM	Phycoerythrin ::	MODIS T Ocean				
2537	AR	Temperature_diff :: Day-night	MODIS-N Thermal			Under favorable conditions. Barton input.	
2047	AR	Brightness_index :: Soil	MODIS				
2095	AR	Color_index :: Soil	MODIS				
2286	AR	Mixture_model :: Spectral-Spatial				For vegetation index refinement. Phenology based.	Filled a blank column
2724	BT	Vegetation_index :: Soil&BRDF_adj	MODIS-N & T				Corrected mistake, filled blanks
2748	BT	Vegetation_index :: Soil_adjusted	MODIS				
3304	XX	XXX :: Data_char					
3305	XX	XXX :: Data_char					
3306	XX	XXX :: Data_char					
2659	BT	Duration :: Growing_season				Need NDVI.	
2660	BT	Duration :: Growing_season				Need NDVI.	
2749	BT	Vegetation_index ::					
2750	BT	Vegetation_index ::					
2751	BT	Vegetation_index ::					
2259	AR	Heterogeneity :: Spatial	MODIS-N 214 m channels				
2260	AR	Heterogeneity :: Spatial	MODIS-N 214 m channels				
2262	AR	Heterogeneity :: Spatial					
2068	AR	Cloud_cover :: Areal_extent				214m pixel count data needed. Level 3 statistics.	
2092	AR	Cloud_cover :: Perimeter					
2429	AR	Reflectance :: Directional	VIS & NIR channels				
2430	AR	Reflectance :: Directional	VIS & NIR channels				
2431	AR	Reflectance :: Directional	VIS & NIR channels				
2471	AR	Temperature :: Fires	3.7um			Day & night data required. Used for volcanic activity also.	
2663	BT	Fires :: Count	3.7um				
2664	BT	Fires :: Count	3.7um				
2665	BT	Fires :: Extent	3.7um				
2666	BT	Fires :: Extent	3.7um				
2711	AR	Temperature :: Fires	3.7um			Day & night data required. Used for volcanic activity also.	
1017	AC	Aerosol_mass ::	VIS & NIR channels				
1874	AH	H2O :: Integrated	0.865,0.905,0.935,0.94 um				
2293	AR	Optical_depth :: Aerosol	VIS & NIR channels				
2379	AR	Radiance :: Land_leaving	VIS & NIR channels				
2380	AR	Radiance :: Land_leaving	VIS & NIR channels				
2381	AR	Radiance :: Land_leaving	VIS & NIR channels				
1764	AH	Cloud_drop_phase ::					
1765	AH	Cloud_drop_phase ::					
2081	AR	Cloud_cover :: Fraction					

Prod #	Cat	Parameter :: Qualifier	Required Channels	Required Inputs EOS	Required Inputs Non-EOS	Comments	Reason for Update
2082	AR	Cloud_cover :: Fraction					
2311	AR	Optical_depth :: Cloud					
2312	AR	Optical_depth :: Cloud					
2094	AR	Cloud_JPDF ::				Level 3 only.	
1780	AH	Cloud_drop_size :: Effect_radius					
1781	AH	Cloud_drop_size :: Effect_radius					
1333	AC	O3 :: Integrated	30	1584			
1334	AC	O3 :: Integrated	30	1584			
1528	AD	Pressure :: Cloud_top	29;31-36		55		
1529	AD	Pressure :: Cloud_top	29;31-36		55		
1559	AD	Stability-lifted index ::	22-36				
1560	AD	Stability-lifted index ::	22-36				
1875	AH	H2O :: Integrated	22-29;31-36				
2126	AR	Emissivity :: Cloud_effective	29;31-36	2467	55		
2127	AR	Emissivity :: Cloud_effective	29;31-36	2466	55		
2466	AR	Temperature :: Cloud_top	29;31-36		55		
2467	AR	Temperature :: Cloud_top	29;31-36		55		
2116	AR	Emissivity :: Cloud					
2404	AR	Radiance :: Topographic_correction		Tbd		Input for Vegetation Indices. MODIS-T Digital Terrain Model? Strahler help.	
2405	AR	Radiance :: Topographic_correction				Input for Vegetation Indices. MODIS-T Digital Terrain Model? Strahler help.	
2001	AR	Albedo :: Spectral_hemispheric		2429,1379,2088			
2434	AR	Reflectance :: Directional		2429,2826,2088			
2040	AR	BRDF :: Land		2429,2826,2088, & (1174 from Sep.1 Ver)			
3216	OR	Scattering :: Particulate				Based on simulated lab data. OWP. (Gordon)	
3217	OR	Scattering :: Particulate					
2582	BM	Organic_matter :: Dissolved	1-32 (MODIS-T),9-17(MODIS-N)	2417	18,35,53		
2583	BM	Organic_matter :: Dissolved	1-32 (MODIS-T),9-17(MODIS-N)	2416	18,35,53		
2680	BT	Leaf_area_index ::				Running: 0.5 abs acc; Townshend: +-2% rel.0.04-.39SE ranges(Ardanuy). Huete: questionable.	
2703	BT	Production :: Primary				Huete: questionable. Need veg. indices & land cover type/biome area. Townshend input too.	
2723	BT	Vegetation :: Stress					
2282	AR	Masking-shadowing :: Cloud					
2283	AR	Masking-shadowing :: Cloud					
2284	AR	Masking-shadowing :: Cloud					
2338	AR	Radiance :: MODIS-N_Level-1B<3um	MODIS-N 428 m				
2339	AR	Radiance :: MODIS-N_Level-1B<3um	MODIS-N 856 m				
2340	AR	Radiance :: MODIS-N_Level-1B>3um	MODIS-N 856 m				
2341	AR	Radiance :: MODIS-N_Level-1B>3um	MODIS-N 428 m				
2342	AR	Radiance :: MODIS-N_Level-1B>3um	MODIS-N 214 m				
2392	AR	Radiance :: MODIS-N_Level-1B<3um					
3020	GH	Snow_cover ::					
3021	GH	Snow_cover ::					
3153	OH	Sea_ice_cover :: Max_extent					
3154	OH	Sea_ice_cover :: Max_extent					
2285	AR	Masking-shadowing :: Cloud	MODIS-T				
2393	AR	Radiance :: MODIS-T_Level-1B	MODIS-T				
2669	BT	Land_cover :: Type		2379,2392,2429,2484,2629,2650,2683,2697,2751,2826,2974,3021,&(1165 Sep.1 ver)			
2670	BT	Land_cover :: Type		2379,2392,2429,2484,2629,2650,2683,2697,2751,2826,2974,3021,&(1165 Sep.1 ver)			
2671	BT	Land_cover :: Type_change		2379,2392,2429,2484,2629,2650,2683,2697,2751,2826,2974,3021,&(1165 Sep.1 ver)			
2672	BT	Land_cover :: Type_change		2379,2392,2429,2484,2629,2650,2683,2697,2751,2826,2974,3021,&(1165 Sep.1 ver)			
2261	AR	Structure :: Spatial		2392			

Prod #	Cat	Parameter :: Qualifier	Required Channels	Required Inputs EOS	Required Inputs Non-EOS	Comments	Reason for Update
2268	AR	IPAR ::				Townshend, Justice, Ardanuy inputs.	
1022	AC	Aerosol_size :: Distribution					
1023	AC	Aerosol_size :: Mean_radius					
2003	AR	Albedo :: Aerosol				Land only. Level 3 product. Daytime.	
2294	AR	Optical_depth :: Aerosol					
1556	AD	Roughness :: Sfc				Strahler & Huete too. Changeable w/time of day. Hemis & nadir refl. rqd. Atmos & topo cor. reqd.	
1557	AD	Roughness :: Sfc				Strahler & Huete too. Changeable w/time of day. Hemis & nadir refl. rqd. Atmos & topo cor. reqd.	
2015	AR	Albedo :: Sfc					
2016	AR	Albedo :: Sfc					
2424	AR	Reflectance :: Bidirectional					
2425	AR	Reflectance :: Bidirectional					
2337	AR	Polarization_index :: Vegetation				(Barker)	
2484	AR	Temperature :: Land_sfc					
2485	AR	Temperature :: Land_sfc					