

Current Product List for GEONETCast Americas
March 30th, 2011

Provider Agency	Product Name	Key-words	Input Format	Product Frequency	Approx. Size in KiloBytes
EPA	Real-Time Ozone Animated, National-Scale Air Quality Maps (Midnight ET to Current Hour)	Atmosphere	GIF - Animated	1 product daily	500
EPA	Real-Time PM2.5 Animated, National-Scale Air Quality Maps (Midnight ET To Current Hour)	Atmosphere	GIF - Animated	1 product daily	1000
Provider Agency	Product Name	Keywords	Input Format	Product Frequency	Approx. Size in KiloBytes
INPE-CPTEC	GOES South America Infrared Channel (SAI)	Satellite	JPEG	Every 15 minutes	700
INPE-CPTEC	GOES South America Water Vapor Channel (SAW)	Satellite	JPEG	Every 15 minutes	600
INPE-CPTEC	GOES South America Visible Channel (SAV)	Satellite	JPEG	Every 15 minutes (maximum of 60)	1400
INPE-CPTEC	GOES South America Channel Difference (SAD)	Satellite	JPEG	Every 15 minutes	640
INPE-CPTEC	GOES South America Enhanced (SAE)	Satellite	JPEG	Every 15 minutes	450
INPE-CPTEC	GOES South America Copmposite (basic map + Channel 4 + difference (Channel 5 minus Channel 4)) (SAC)	Satellite	JPEG	Every 15 minutes	600
INPE-CPTEC	GOES Wind Chart Infrared (GWI)	Satellite	JPEG	Hourly	900
INPE-CPTEC	GOES Wind Chart Visible (GWV)	Satellite / Atmosphere	JPEG	Hourly	1000
INPE-CPTEC	GOES Wind Chart Water Vapor (GWW)	Satellite / Atmosphere	JPEG	Hourly	900
INPE-CPTEC	GOES-MSG Composites (GMC)	Satellite / Atmosphere	JPEG	Every 15 minutes	900

INPE-CPTEC	Number of Days Without Rain - Dry Season Monitoring (NDR)	Precipitation	JPEG	Daily	400
INPE-CPTEC	Lightning Discharge (LDI)	Atmosphere / Lighting	JPEG	Every 15 minutes	300
INPE-CPTEC	Satellite Rainfall (RFS)	Precipitation	JPEG	Every 15 minutes	230
INPE-CPTEC	Ultraviolet Index (UVI)	Atmosphere / Ultraviolet	JPEG	Every 30 minutes	440
INPE-CPTEC	Land Surface Temperature (LST)	Land / Temperature	JPEG	Every 12 minutes	150
INPE-CPTEC	Fortracc Images - Convective System Tracking and Evolution (FTC)	Atmosphere / Lightning	JPEG	Every 15 minutes	900
INPE-CPTEC	Normalized Vegetation Index (NDV)	Land / Vegetation	JPEG	Every 15 days = x per month	1000
INPE-CPTEC	Fire Detection (FDN)	Land / Fire	JPEG	Daily - Estimated	300
INPE-CPTEC	Regional Temperatures at 1000 hPa 24 Hr (RT1)	Atmosphere / Temperature	PNG	Daily - Estimated	50
INPE-CPTEC	Regional Temperatures at 1000 hPa 48 Hr (RT2)	Atmosphere / Temperature	PNG	Daily - Estimated	50
INPE-CPTEC	Regional Accumulated Precipitation 24 Hr (RR1)	Precipitation	PNG	Daily - Estimated	50
INPE-CPTEC	Regional Accumulated Precipitation 48 Hr (RR2)	Precipitation	PNG	Daily - Estimated	50
INPE-CPTEC	Global Scale Accumulated Precipitation 120 Hr (WGR)	Precipitation	PNG	Daily - Estimated	50
INPE-CPTEC	Global Scale Temperatures at 1000 hPa 120 Hr (WGT)	Atmosphere / Temperature	PNG	Daily - Estimated	50
INPE-CPTEC	Global Scale Streamlines at 200 hPa 120 Hr (LG2)	Wind	PNG	Daily - Estimated	50
INPE-CPTEC	Global Scale Streamlines at 200 hPa 120 Hr (LG5)	Wind	PNG	Daily - Estimated	50
Provider Agency	Product Name	Keywords	Input Format	Product Frequency	Approx. Size in KiloBytes

SERVIR	Short Term Precipitation Forecasting (MM5) for Central America	Precipitation	GIF	48 every 12 hours	40
SERVIR	MODIS Aqua 1000 Meter True Color Daily Fire Image on Guatemala	Land / Fires	JPEG	Daily	206
SERVIR	MODIS Aqua 500 Meter True Color Daily Fire Image on Guatemala	Land / Fires	JPEG	Daily	680
SERVIR	MODIS Aqua 250 Meter True Color Daily Fire Image on Guatemala	Land / Fires	JPEG	Daily	1687
SERVIR	MODIS TERRA 1000 Meter True Color Daily Fire Image on Guatemala	Land / Fires	JPEG	Daily	147
SERVIR	MODIS TERRA 500 Meter True Color Daily Fire Image on Guatemala	Land / Fires	JPEG	Daily	459
SERVIR	MODIS TERRA 250 Meter True Color Daily Fire Image on Guatemala	Land / Fires	JPEG	Daily	1105
Provider Agency	Product Name	Keywords	Input Format	Product Frequency	Approx. Size in KiloBytes
CONAE	Austral Seas of Zones: Drake, Fin del Mundo, Patagonia Sur, Islas malvinas, Golfo de Jorge, Penn. Valdez, El Rincon, Mar del Plata, Rio de la Plata, Rio Grande and overall Austral sea height and direction and significant wave height and direction.	Cada archivo en formato pdf contiene campos instantáneos de 6 horas de retroanálisis y 96 horas de pronóstico de olas, que se muestran cada 3 horas y corresponden a la hora principal de pronóstico más reciente. Las horas principales son 00 Z, 06 Z, 12 Z y 18 Z y los productos se encuentran disponibles estimativamente a las H + 4.5 horas. Todas las alturas se expresan en	.zip with .txt and pdf files	Daily	5000

		metros.			
Provider Agency	Product Name	Keywords	Input Format	Product Frequency	Approx. Size in KiloBytes
IMN Costa Rica	Numerical model for weather prediction, WRF, for Central America. 925 Mb Height Winds 6, 12, 18, 24, 30, 36 Hr. TAU	Model	PNG	Daily	50
IMN Costa Rica	Numerical model for weather prediction, WRF, for Central America. 925 Mb Height Streamlines 6, 12, 18, 24, 30, 36 Hr. TAU	Model	PNG	Daily	50
IMN Costa Rica	Numerical model for weather prediction, WRF, for Central America. 850 Mb Height Winds 6, 12, 18, 24, 30, 36 Hr. TAU	Model	PNG	Daily	50
IMN Costa Rica	Numerical model for weather prediction, WRF, for Central America. 850 Mb Height Winds 6, 12, 18, 24, 30, 36 Hr. TAU	Model	PNG	Daily	50

IMN Costa Rica	Numerical model for weather prediction, WRF, for Central America. 850 Mb Streamlines 6, 12, 18, 24, 30, 36 Hr. TAU	Model	PNG	Daily	50
IMN Costa Rica	Numerical model for weather prediction, WRF, for Central America. 500 Mb Winds 6, 12, 18, 24, 30, 36 Hr. TAU	Model	PNG	Daily	50
IMN Costa Rica	Numerical model for weather prediction, WRF, for Central America. 500 Mb Streamlines 6, 12, 18, 24, 30, 36 Hr. TAU	Model	PNG	Daily	50
IMN Costa Rica	Numerical model for weather prediction, WRF, for Central America. 250 Mb Winds 6, 12, 18, 24, 30, 36 Hr. TAU	Model	PNG	Hourly	50
IMN Costa Rica	Numerical model for weather prediction, WRF, for Central America. 250 Mb Streamlines 6, 12, 18, 24, 30, 36 Hr. TAU	Model	PNG	Every 3 Hours	50
IMN Costa Rica	Mcidas format precipitation forecasts.	Satellite	PNG	4 Times per Day	17
Provider Agency	Product Name	Keywords	Input Format	Product Frequency	Approx. Size in KiloBytes
NOAA / NESDIS	Total Ozone from SBUV and TOVS (TOAST)	Atmosphere	Binary	Daily	255
NOAA / NESDIS	Total Ozone from SBUV and TOVS (TOAST)	Atmosphere	GRIB (grb)	Daily	96
NOAA / NESDIS	Total Ozone from SBUV and TOVS (TOAST)	Atmosphere	PNG	Daily	66

NOAA / NESDIS	HMS_SMOKE	Land/Fires/Smoke	Shape 4 files	Daily	80
NOAA / NESDIS	Southern Hemisphere Files (ABBA)	Land/Fires/Smoke	GIF	30 minutes	15
NOAA / NESDIS	Northern Hemisphere Files (ABBA)	Land/Fires/Smoke	GIF	Daily	15
NOAA / NESDIS	Hot Spot Points Files (ABBA)	Land/Fires/Smoke	Points	Daily	4
NOAA / NESDIS	Modis Fires North America from AQUA and TERRA	Land/Fires/Smoke	HDF	15 minutes	288
NOAA / NESDIS	Modis Fires North America from AQUA and TERRA	Land/Fires/Smoke	PNG	Daily	12
NOAA / NESDIS	Ensemble Tropical Rainfall Potential (eTRaP) by Storm	Precipitation	GIF	Every 6 hours to Daily	11
NOAA / NESDIS	Chlorophyll Concentration - Gulf of Mexico	Ocean Color	GEOTIFF	Daily	2,000 - 20,000
NOAA / NESDIS	Chlorophyll Concentration - Gulf of Mexico	Ocean Color	PNG	Daily	40 - 200
NOAA / NESDIS	Chlorophyll Concentration - Caribbean Sea	Ocean Color	GEOTIFF	Daily	2,000 - 20,000
NOAA / NESDIS	Chlorophyll Concentration - Caribbean Sea	Ocean Color	PNG	Daily	40 - 200
NOAA / NESDIS	Chlorophyll Concentration - East Pacific	Ocean Color	GEOTIFF	Daily	2,000 - 20,000
NOAA / NESDIS	Chlorophyll Concentration - East Pacific	Ocean Color	PNG	Daily	40 - 200
NOAA / NESDIS	Low Cloud Base East CONUS from GOES – (Experimental)	Atmosphere	GIF	Hourly (at night)	115
NOAA / NESDIS	Low Cloud Base East CONUS from GOES – (Experimental)	Atmosphere	Various	Hourly (at night)	1600
NOAA / NESDIS	Low Cloud Base West CONUS from GOES – (Experimental)	Atmosphere	GIF	Hourly (at night)	115
NOAA / NESDIS	Low Cloud Base West CONUS from GOES –	Atmosphere	Various	Hourly (at night)	1600

	(Experimental)				
NOAA / NESDIS	Volcano Sectors IR Imagery for CONUS	Atmosphere	GIF	Every 15 minutes	150
NOAA / NESDIS	Volcano Sectors IR Imagery for Puerto Rico	Atmosphere	GIF	Every 30 minutes	150
Provider Agency	Product Name	Keywords	Input Format	Product Frequency	Approx. Size in KiloBytes
NOAA / NESDIS	Microwave Surface and Precipitation Products System (MSPPS)	Satellite	Various	85 per Day (Approximately)	6935 (per file)
NOAA / NESDIS	SSMI EDR Passive Microwave	Satellite	BUFR	14 per Day	1887
NOAA / NESDIS	AFWA Snow Depth	Land	Native Binary	Daily	673
NOAA / NESDIS	Global Vegetation Index GVI	Land	Native Binary	Weekly	2000-2100
Provider Agency	Product Name	Keywords	Input Format	Product Frequency	Approx. Size in KiloBytes
NCDC	North American Drought Monitor – English NADM	Land	PDF, JPEG	Daily	jpeg 800 pdf 1200 text 100
NCDC	North American Drought Monitor – Spanish NADM	Land	PDF, JPEG	Daily	jpeg 800 pdf 1200 text 100
NCDC	North American Drought Monitor – French NADM	Land	PDF, JPEG	Daily	jpeg 800 pdf 1200 text 100
Provider Agency	Product Name	Keywords	Input Format	Product Frequency	Approx. Size in KiloBytes
NOAA / NWS	Alert High Seas Warnings	Demonstration	BIN	Daily	100 Per Day
NOAA / NWS	Alerts	Demonstration	Text	Daily	100 Per Day

Provider Agency	Product Name	Keywords	Input Format	Product Frequency	Approx. Size in KiloBytes
RANET	RANET Broadcast for the Americas. Some files are repeated. The individual files are listed below without sizes. Instead, a total file size is listed to the right.	Various	Various	Various	29490 per day. Some files are re
RANET	Central America Weather Hazards / Benefits Assessment Source: NOAA CPC RANET File Prefix / ID: ranet_7 Weekly assessment of hydro-meteorological and seasonal events	Hazards, disaster, climate	PDF	Variable RANET Schedule	
RANET	Title: Climate Diagnostics Bulletin Source: NOAA CPC RANET File Prefix / ID: ranet_4 Diagnostics Bulletin (usually released mid-month), which provides a professional and technical audience a discussion of climate observations and anomalies.	Climate	PDF	Variable RANET Schedule	
RANET	CMORPH 10-Day Precipitation Estimate for Central America Source: NOAA CPC RANET File Prefix / ID: ranet_14 Precipitation graphics are produced using the CPC MORPHing technique (CMORPH	Precipitation	GIF	Variable RANET Schedule	
RANET	CMORPH Daily Precipitation Estimate for Central America Source: NOAA CPC RANET File Prefix / ID: ranet_12 Precipitation graphics are produced using the CPC MORPHing technique (CMORPH	Precipitation	GIF	Variable RANET Schedule	

RANET	CMORPH Weekly Precipitation Estimate for Central America Source: NOAA CPC RANET File Prefix / ID: ranet_13 Precipitation graphics are produced using the CPC MORPHing technique (CMORPH)	Precipitation	GIF	Variable RANET Schedule	
RANET	ENSO Assessment Weekly Update Source: NOAA CPC RANET File Prefix / ID: ranet_3 Weekly assessment of the El Nino and Southern Oscillation	Ocean, Climate	PDF	Variable RANET Schedule	
RANET	Farm Radio Voices Source: FarmRadio RANET File Prefix / ID: ranet_21 Network and support organization to promote rural radio in support of food security and development.	Agriculture	N/A	Variable RANET Schedule	
RANET	Farm Radio Weekly Source: Farm Radio RANET File Prefix / ID: ranet_22 Farm Radio International is a network and support organization to promote rural radio in support of food security and development.	Agriculture	N/A	Variable RANET Schedule	
RANET	Title: Global 90-Day Precipitation Anomalies Source: NOAA CPC RANET File Prefix / ID: ranet_6 Image of model-based precipitation anomalies for the preceding 90-days.	Precipitation	GIF	Variable RANET Schedule	
RANET	Title: Global Soil Moisture Anomalies Source: NOAA CPC RANET File Prefix / ID: ranet_5 Image of monthly model-observed soil moisture anomalies.	Land, Moisture	GIF	Variable RANET Schedule	

RANET	Title: Global Tropics Benefits / Hazards Update Source: NOAA CPC RANET File Prefix / ID: ranet_1 Weekly outlook that highlights potential weather / climate benefits and hazards.	Climate, Hazards	PDF	Variable RANET Schedule	
RANET	Title: GOES East Full Disk IR Image Source: NOAA SIS RANET File Prefix / ID: ranet_8 NOAA GOES East Full Disk IR image.	Satellite	JPEG	Variable RANET Schedule	
RANET	Title: Haiti Weather Hazards / Benefits Assessment Source: NOAA CPC RANET File Prefix / ID: ranet_11 Weekly assessment of hydro-meteorological and seasonal events which either represent a potential hazard or benefit to the region.	Hazards	PDF	Variable RANET Schedule	
RANET	Title: ICAO Area A Satellite IR Image Source: NOAA NWS RANET File Prefix / ID: ranet_18 Infrared satellite image provided NOAA for ICAO Area "A" covering both North and South America.	Satellite	JPEG	Variable RANET Schedule	
RANET	Title: ICAO Area B Satellite IR Image Source: NOAA NWS RANET File Prefix / ID: ranet_19 Infrared satellite image provided NOAA for ICAO Area "B1" covering most of North and South America extending across the Atlantic to include most of Europe and Africa, with the Greater Horn of Africa missing from the image.	Satellite	JPEG	Variable RANET Schedule	

RANET	Title: ICAO Area C Satellite IR Image Source: NOAA NWS RANET File Prefix / ID: ranet_20 Infrared satellite image provided NOAA for ICAO Area "C" covering roughly Europe, Africa, and portion of the Middle East and Central Asia.	Satellite	JPEG	Variable RANET Schedule	
RANET	Title: International Crop and Weather Highlights Source: JAWF RANET File Prefix / ID: ranet_24 Weekly text based product summarizing weather conditions and highlights affecting major crop producing countries and regions.	Agriculture, Land	PDF	Variable RANET Schedule	
RANET	Title: International Crop and Weather Summary Source: JAWF RANET File Prefix / ID: ranet_25 Weekly text based product compliments the International Crop and Weather Highlights publication, and it provides slightly more detail and narrative of weather and agriculture in major crop producing regions and countries.	Agriculture, Land	PDF	Variable RANET Schedule	
RANET	Title: Weekly Weather and Crop Bulletin Source: JAWF RANET File Prefix / ID: ranet_26 Detailed discussion of weather impacts and effects on agricultural production in major crop producing regions and countries. It is complimented by the International Weather and Crop Highlights publication of the	Agriculture, Land	PDF	Variable RANET Schedule	

	JAWF, as well as the International Weather and Crop Summary.				
RANET	Title: Mexico and Caribbean Short Term Precipitation Climate Outlook Source: COLA RANET File Prefix / ID: ranet_10 Short term climate outlook provides a 7 and 14 day view and forecast of precipitation. Includes percent of normal perspective for first 7.5 days. Updated daily.	Precipitation, Climate	PNG	Variable RANET Schedule	
RANET	Title: Mexico and Caribbean Short Term Temperature Climate Outlook Source: COLA RANET File Prefix / ID: ranet_9 Short term climate outlook provides a 7 and 14 day view and forecast of temperature conditions. Includes anomaly perspective for first 7.5 days. Updated daily.	Temperature, Climate, Land	PNG	Variable RANET Schedule	
RANET	Title: Practical Answers Source: Pract Action RANET File Prefix / ID: ranet_23 A of short 'how to' guides on common technical questions related to areas such as agriculture, construction, disaster mitigation and management, and many others.	Training, Agriculture, Disaster	Publication	Variable RANET Schedule	
RANET	Title: Satellite Image Visible: Costa Rica Source: IMN RANET File Prefix / ID: ranet_15 Visible satellite view centered over Costa Rica.	Satellite	GIF	Variable RANET Schedule	

RANET	Title: SPORE Source: CTA RANET File Prefix / ID: ranet_16 Information magazine for agricultural and rural development in African, Caribbean and Pacific countries: trends and opinions, technical innovations, business, recent publications and useful contact sources.	Training, Agriculture	Publication	Variable RANET Schedule	
RANET	Title: World Agricultural Supply and Demand Estimates (WASDE) Source: USDA RANET File Prefix / ID: ranet_27 USDA's comprehensive forecasts of supply and demand for major U.S. and global crops and U.S. livestock.	Agriculture, Land	Publication	Variable RANET Schedule	