



Internet Services
Software per la meteorologia
Network Developing and Management



La Scelta Vincente



WW3-HyCOM

Model	Wind Wave Watch 3 - HyCOM (Hybrid Coordinate Ocean Model)
Model Features	SWAN (Simulating Wave Nearshore) e windbreak physics
Original orizzontal resolution	45 Km (Global), 9Km (Mediterranean sea), 23 Km (Oceans)
Border initialization	GFS 0.5, WRF 0.1
Integration	Global 240 h, High resolution Nesting 180 h
Nesting	Mediterranean sea, Pacific Ocean, Indian Ocean, Atlantic Ocean
Resolution:	Global 1° Nesting over Mediterranean sea 0,08° Oceans 0,25°

Modelli www.datameteo.com		LRC S.r.l. Servizi Internet e meteorologia applicata Via Piave 4/c - 12022 Busca (CN) PIVA 02748260045 helpdesk: Tel/fax 0171/943284 e-mail: admin@lrcser.net
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Output parameter

<i>Parameter</i>	<i>Parameter name</i>	<i>Unit</i>
Wind intensity and direction	10m_wind	degrees,Knots
Mean sea level pressure	mean_sea_level_pressure	Ectopascal
Peak direction	peak_direction	sextile quadrants
Sea current intensity and direction and Wex file	current, 10mt_winds	degrees,Knots
Spread direction	direction_spread	sextile quadrants
Primary wave direction	mean_direction	degrees
Primary wave period	mean_period	seconds
Peak Period	peak_period	seconds
Wave significant height	wave_height	meter
Wave significant lenght	wave_lenght	meter
Swell wave direction	swell_direction	sextile quadrants
Swell wave height	swell_height	meter
Swell wave period	swell_period	seconds
Wind sea wave direction	wind_sea_dir	sextile quadrants
Wind sea wave height	wind_sea_height	meter
Wind sea wave period	wind_sea_period	meter