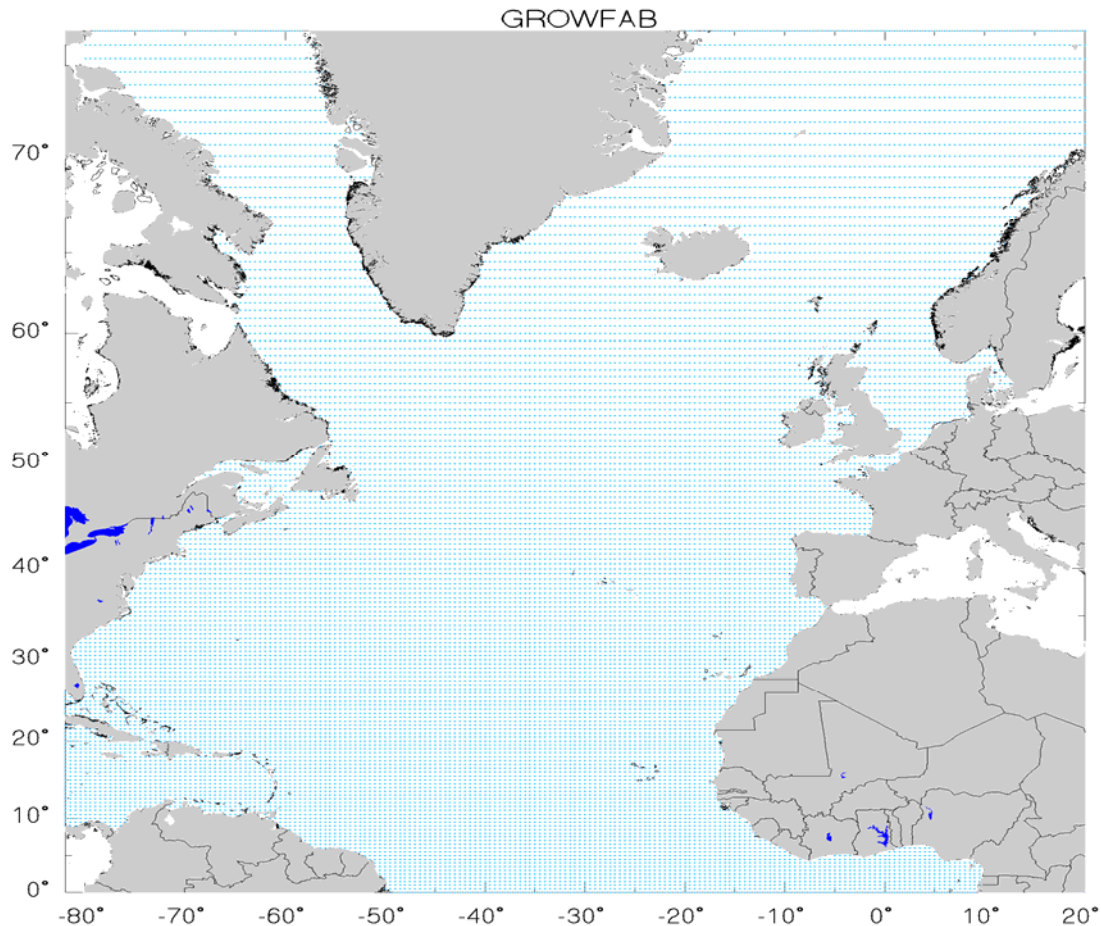


GROW FINE ATLANTIC BASIN



GROW FINE ATLANTIC BASIN Description

The GROW FINE ATLANTIC BASIN (GROWFAB) hindcast involved the kinematic reanalysis of all significant tropical and extra-tropical storms in the North Atlantic for the continuous period 1954-2005. Oceanweather's 3rd generation wave model (OWI3G) was adopted onto a 0.5 degree grid, wind and wave fields were archived at all active model points. The GROWFAB methodology and validation has been extensively documented and presented in peer-reviewed journals and conferences. The present hindcast was presented in a 9th wave workshop paper.

Standard Products

- Time series of wind and wave parameters (including sea/swell partitions) in ASCII or OSMOSIS format
- Return period extremes for wind speed, wave height (significant, maximum and crest) and wave period
- Operability statistics expressed as frequency-of-occurrence tables and persistence/duration statistics
- Directional wave spectra

oceanweather inc.

5 River Road, Suite 1, Cos Cob, CT 06807, USA

Telephone: (203) 661-3091

Fax: (203) 661-6809

Email: oceanwx@oceanweather.com

Web: www.oceanweather.com