

VOLVO OCEAN RACE

ROUND THE WORLD 2008 - 2009

Race Committee Memorandum Memorandum Number 6

To All entries and potential entries
From Andy Hindley, Racing Director
Date 7th February 2008
Re Organising Authority supplied weather data

List of weather data to be supplied

Below is a draft list of weather data that will be supplied by the Organising Authority. The plan is to provide data 4 times a day, at 00, 06, 12, and 18 UTC. The times shown below are the **model run times**. In most cases, the GRIB data will be available for download 6 hours after the model run time.

In general, the goal is to keep the data from recognized national meteorological centres although an exception has been made with the ECMWF data as this model was considered worth providing.

1. GFS GRIB at 00, 06, 12, 18 UTC
 - Half degree resolution
 - 10m wind and surface pressure
 - We will provide 0 to 120h data at 3 hour time steps
2. GFS GRIB supplemental at 06 and 18 UTC
 - Half degree resolution
 - 500mb heights and absolute vorticity,
 - 700mb relative humidity,
 - 925mb winds
 - Possible precipitation (to be advised)
 - We plan to provide 0 to 120h data at 6 hour time steps
3. UKMET OFFICE GRIB at 00 and 12 UTC
 - 0.56 x 0.83 degree resolution
 - 10m wind and surface pressure
 - We plan to provide 0 to 84h data at 6 hour time steps, plus the 96h, 108h, and 120h time steps.

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4. NWW3 GRIB at 00, 06, 12, and 18 UTC
Resolution is currently about 1 degree, but may improve to half-degree.
Significant wave height, predominant period, and wave direction
We plan to provide 0 to 120h data at 3 hour time steps
5. ECMWF GRIB at 00, 12 UTC
Quarter degree resolution
10m wind and surface pressure and accumulated precipitation
We plan to provide 0 to 72h data at 3 hour time steps and 72 to 120h data at 6 hour time steps.
6. MM5 GRIB twice daily when appropriate
12km resolution data for 300 km around the Port, at the beginning and end of each leg
10m wind and surface pressure
We plan to offer 0 to 48h data at 1 hour time steps
7. Quikscat GRIB at 00, 06, 12, and 18 UTC
Most recent surface wind plot, usually within 2 hours of send time.
8. Ocean surface current GRIB will be provided (source to be confirmed):
Once daily - Surface ocean current
Once daily - SST
9. Web images sent at 00, 06, 12, and 18 UTC including, but not limited to:
Quikscat Images (either 25km or 12.5km)
Metarea warnings
Local Government Met Office Analysis
Local Government Met Office Surface Charts
Satellite Images Including:
Meteosat sectors for Vis and IR
Full disk Vis and IR
NOAA tropics
Local higher resolution satellite images where possible

We will expand this list with images relevant to each leg, details of which will be provided nearer the start of each leg.

Andy Hindley
Racing Director
Volvo Ocean Race