From: do_not_reply@starpath.com

Cc:
Subject: Ship Reports
Date: Fri, 10 Jul 2009 14:51:01 -0700 (PDT)
X-Antivirus: avast! (VPS 090710-0, 07/10/2009), Inbound message
X-Antivirus-Status: Clean

Good day, Greetings from Seattle.

To receive ship reports of weather and sea state observations within the
past 6 hours from within 300 nautical miles of your location, send an email
to shipreports@starpath.com, which is blank other than the first line in the
body of the message, which should be your latitude and longitude in decimal
degrees in this format:

37.123N, 135.456W

There is a comma following the latitude, and there is no period at the end.
Spaces are OK.
These are decimal degrees, ie 47° 30' = 47.500

When we receive a valid location in this proper form, you will receive a
return email with the report. It is sent promptly but the delivery time
back to you will depend on your mail service. If you need to alert spam
filters, note it will be coming from shipreports@starpath.com.

As a safeguard, only five notices will be sent to any given email address
within a 1 hour period.

Abbreviations for the data reported are:

ID	Five to seven character reporting identifier for stations.
T	One character code used to identify reporting source: B = Buoy, C = C-MAN Station, D = Drifting Buoy, S = Ship, O = Other
TIME	n UTC (same as GMT) for data display and data files.
HOUR	In UTC (same as GMT) for data display and data files.

LAT	Latitude.
LON	Longitude
DIST	Great circle distance, in nautical miles, between the search location origin and the observing True bearing, in degrees, from the search location origin to the observing station location.

WDIR	Wind direction during the same period used for WSPD.
WSPD	Wind speed (m/s) averaged over an eight-minute period for buoys and a two-minute period for land stations. Reported Hourly. Note: kts = 1.94 x (m/s).
GST	Peak 5 or 8 second gust speed (m/s) measured during the eight-minute or two-minute period.
WVHT	Significant wave height (meters) is calculated as the average of the highest one-third of all of the wave heights during the 20-minute sampling period. Note: Buoy WVHTs are combined seas whereas Ship WVHTs are observed wind wave heights.
DPD	Dominant wave period (seconds) is the period with the maximum wave energy.
APD	Average wave period (seconds) of all waves during the 20-minute period.
MWD	Mean wave direction corresponding to energy of the dominant period (DOMPD). The units are degrees from true North just like wind direction.
PRES	Sea level pressure (hPa). Note: hPa = mb = 33.86 x (inches of mercury). Some reports are in inches.
PTDY	Pressure Tendency is the direction (plus or minus) and the amount of pressure change (hPa) for a three hour period ending at the time of observation.
ATMP	Air temperature (Celsius).
WTMP	Sea surface temperature (Celsius).
DEWP	Dewpoint temperature taken at the same height as the air temperature measurement.
VIS	Station visibility (statute miles). Note that buoy stations are limited to reports from 0 to 1.9 miles.
TCC	Total cloud cover (eighths). The total fraction of the sky covered by clouds of all types.
TIDE	The water level in feet above or below Mean Lower Low Water (MLLW).

S1HT	Height of primary swell waves. Swell wave height is the vertical distance between any swell wave crest and the succeeding swell wave trough.
S1PD	Period of primary swell waves. Swell wave period is the time that it takes two successive swell wave crests to pass a fixed point.
S1DIR	True compass direction, in tens of degrees, from which primary swell waves are coming from.
S2HT	Height of the secondary swell waves. Swell wave height is the vertical distance between any swell wave crest and the succeeding swell wave trough.
S2PD	Period of secondary swell waves. Swell wave period is the time that it takes two successive swell wave crests to pass a fixed point.
S2DIR	True compass direction, in tens of degrees, from which secondary swell waves are coming from.

This relay to you of data from the US National Data Buoy Center is

provided with the compliments of Starpath School of Navigation (www.starpath.com) in Seattle, WA. We offer online training in all aspects of marine navigation and weather, and related products, such as the Fischer precision aneroid barometer.

To receive this Help file, send an email to shipreports@starpath.com with 'help' in the subject line.

If the email requesting the reports with your latitude and longitude is not exactly in the right format, the mail is discarded and you will not hear back from us.

PLEASE NOTE. This is a new service. If you are experiencing any trouble with it, please send an email to helpdesk@starpath.com or call us in Seattle at 206-783-1414, and we will address it promptly.