

# BUOYWEATHER Automatic Daily Reports

## Automatic Daily Fixed Position Predictions:

There are times when you need a fixed position forecast for a number of days. You may be waiting for a weather window to make a passage or anchored at a fixed location. This can be set automatically by changing the program name and adding two more variables to the request e-mail.

Make sure you have a valid model point and it is the point you want before you set this up. You do not want to make a mistake and receive an error message for the next ten days! It is recommended you submit a single data-responder request to test the point before you set it up for automatic sending.

To set up daily five day forecast emails, send to: [data@buoyweather.com](mailto:data@buoyweather.com)

The subject line can be anything or blank. The message content will be made up of ten variables in this exact format:

```
nww3daily  
username  
sendaddress  
latitude  
longitude  
timezone  
format  
grid system  
frequency  
expiration
```

**A sample might look like this:**

```
nww3daily  
joeblow@aol.com  
1234@sailmail.com  
21  
-156.25  
-10  
2  
nww3  
3  
10
```

This is just like the data-responder request only with three changes. First, the program is "nww3daily". This tells the computer to load your variables into the database instead of respond immediately. Then there are two more lines to add to the request:

Line 9 - **The frequency** controls how often and when the forecast will be sent. The send times revolve around the weather model updates. The aim is to send the predictions as soon as possible after the new data is available. You can choose to receive a prediction after either the 00z cycle, or the 12z cycle, or both. For only the 00z data (sent about 0730 UTC), enter a "1". For only the 12z data (sent about 1930 UTC), enter a "2". To receive two forecast per day, enter a "3" like the above sample.

Line 10 - **The expiration** tells the computer the number of times to send the e-mailed prediction. It is not necessarily days. It's the number of emails. If you set expiration to 10 and the frequency to 3, like the sample, the automatic e-mailed predictions will re-occur for 5 days.

## Automatic Daily Fixed Position Charts:

If you required a particular chart sent automatically for a number of days, this can be set up by changing the program name and adding two more variables to the email message.

Make sure you have a valid model point and it is the point you want before you set this up. You do not want to make a mistake and receive an error message for the next ten days! It is recommended you submit a single chart responder request to test the point and request parameters before you set it up for automatic sending.

Daily chart requests are sent to: [chart@buoyweather.com](mailto:chart@buoyweather.com)

The subject line can be anything or blank. The message content will be made up of eleven variables using this exact format:

```
dailychart
username
sendaddress
latitude
longitude
grid system
charttype
forecasthour
zoomlevel
frequency
expiration
```

**Here is a sample:**

```
dailychart
joeblow@aol.com
1234@sailmail.com
21
-156
nww3
combo
24
10
3
10
```

Requesting daily charts works the same as requesting daily wind/wave predictions. The first line program name is changed to "dailychart" telling the computer to load your parameters into the database instead of responding immediately. The frequency and expiration are also the same concept:

Line 10 - **The frequency** controls how often and when the forecast will be sent. The send times revolve around the weather model updates. The aim is to send the predictions as soon as possible after the new data is available. You can choose to receive a prediction after either the 00z cycle, or the 12z cycle, or both. For only the 00z data (sent about 0730 UTC), enter a "1". For only the 12z data (sent about 1930 UTC), enter a "2". To receive two forecast per day, enter a "3" like the above sample.

Line 11 - **The expiration** tells the computer the number of times to send the e-mailed prediction. It is not necessarily days. It's the number of emails. If you set expiration to 10 and the frequency to 3, like the sample, the automatic e-mailed predictions will re-occur for 5 days.