

# FTPMAIL INSTRUCTIONS

National Weather Service marine text forecasts, radiofax charts and buoy observations are available via e-mail. Further, FTPMAIL may be used to acquire any file on the tgftp.nws.noaa.gov FTP server. The FTPMAIL server is intended to allow Internet access for mariners and other users who do not have direct access to the World Wide Web but who are equipped with an e-mail system. Turnaround is generally in under one hour, however, performance may vary widely and receipt cannot be guaranteed.

This PDF file contains links to http pages and FTPMAIL commands. The links may not be compatible with all PDF readers and e-mail systems. The Internet is not part of the National Weather Service's operational data stream and should never be relied upon as a means to obtain the latest forecast and warning data. Become familiar with and use other means such as NOAA Weather Radio to obtain the latest forecasts and warnings. Please read our ***disclaimer*** <http://www.nws.noaa.gov/disclaimer.php>.

FTPMAIL help file

\*\*\*\*\*

\*  
\*

WARNING

\* This is a United States Government Computer. Use of  
\* this computer for purposes for which authorization  
\* has not been extended is a violation of federal law.

\*  
\*

(Reference Public Law 99-474)

\* For technical assistance with FTPMAIL contact:

\*

\* marine.weather@noaa.gov 301-427-9390

\*

\*\*\*\*\*

\*\*\*\* IMPORTANT NOTICES \*\*\*\* Read these notes carefully \*\*\*\*

Effective January 08, 2008, the address of the FTPMAIL service changed from ftpmail@weather.noaa.gov to ftpmail@ftpmail.nws.noaa.gov. If you restrict incoming e-mail as a means of preventing spam, you must configure your e-mail system to allow mail from ftpmail@ftpmail.nws.noaa.gov

CAUTION - READ THIS HELP FILE CAREFULLY - 99% OF ERRORS USING FTPMAIL ARE SIMPLE TYPO'S, INCORRECT CAPITALIZATION, FAILURE TO SEND IN PLAIN TEXT FORMAT, LEADING OR TRAILING SPACES, OR FAILURE TO SET UP ANY SPAM FILTERS PROPERLY. FOLLOW THE EXAMPLES CLOSELY!

FTPMAIL e-mail requests must be sent in ASCII/Plain Text only. HTML formatting will likely result in no response from the FTPMAIL server.

This "help" file contains a detailed description of the FTPMAIL system and available products. To obtain another copy of the FTPMAIL "help" file:

-In plain text format-

Send an e-mail to: ftpmail@ftpmail.nws.noaa.gov  
Subject Line: Put anything you like  
Body: help

These instructions are subject to revision....download frequently.

tgftp.nws.noaa.gov is the only valid FTP site for this service.

This National Weather Service (NWS) FTPMAIL server is intended to allow Internet access for users who do not have direct access to the World Wide Web but who are equipped with an e-mail system. The service is free and no signup is required. Using FTPMAIL, users can request files from NWS and have them automatically e-mailed back to them. Turnaround is generally in under one hour, however, performance may vary widely and receipt cannot be guaranteed.

NOTICE - Check time and date of forecasts. Downloaded data may not represent the latest forecast. The Internet is not part of the National Weather Service's operational data stream and should never be relied upon as a means to obtain the latest forecast and warning data. Become familiar with and use other means such as NOAA Weather Radio to obtain the latest forecasts and warnings. Please read our disclaimer at <http://www.nws.noaa.gov/disclaimer.php>

Although these instructions are tailored for marine users to gain access to graphic(radiofax) and text products via e-mail, all publicly available data on the [tgftp.nws.noaa.gov](http://tgftp.nws.noaa.gov) Internet FTP server is accessible using the FTPMAIL service.

To use FTPMAIL, the user sends a small script file via e-mail to NWS requesting the desired file(s). A list of available product directories, retrievable via FTPMAIL is shown below.

Users should be familiar with sending and receiving messages and attachments with their particular e-mail system. Attachments are received in UUencoded form. The majority of modern e-mail systems handle the conversion automatically, other users will need to run the UUdecode program for their particular system. If your e-mail system does not UUENCODE automatically, you will get back a bunch of gibberish starting with something like "begin 600 PWAE98.TIF" See your system administrator if you have any questions on this topic. UUdecode freeware and shareware may also be found on the Web, but the easier solution is to try a different e-mail system if that option is open to you. The UUencoding process can add 0 to >100% overhead depending on your system and the type of file.

Files which are greater than approximately 400KB in length may be sent as multiple e-mails which must then be appended to another and UUdecoded. This can be avoided using the "size" command following the "open" statement, e.g. "size 1000000". The maximum allowable is 2MB.

Files sizes for NWS radiofax graphic files average 35KB but can be much greater especially some satellite images which can approach 1MB. Use the "dir" command to ascertain the size of files of interest as a precaution. Users should be aware of the costs for operating their particular e-mail system before attempting to use FTPMAIL, especially when using satellite communication systems. For marine users, using FTPMAIL via INMARSAT-C for obtaining current NWS radiofax graphic files is cost prohibitive. Using the FTPMAIL compression feature of FTPMAIL is not recommended as these files are already in a compressed T4(G4) format enveloped in TIFF for viewing. You will need a graphics program capable of displaying files in this format in order to view them. Suggestions for TIFF viewers may be found in file <http://weather.noaa.gov/fax/rfaxtif.txt>

NEW! Radiofax .TIF files now also available as (larger) .gif files

The following examples demonstrate the use of FTPMAIL. Indexes of currently available marine products, the list FTPMAIL commands,

and suggestions for TIFF viewers may be obtained following these instructions.

To use FTPMAIL:

-In plain text format-

- o Send an e-mail via the Internet to: ftpmail@ftpmail.nws.noaa.gov
- o Put anything you like on the subject line
- o Enter a command script in the body of the message

NOTE: Correct capitalization for commands, directory and file names is critical

Example scripts are:

help

Connect to default\_site (tgftp.nws.noaa.gov) and send back this help file to e-mail address of requestor

```
open
cd fax
get PWAE98.TIF
quit
```

Connect to default\_site (tgftp.nws.noaa.gov) and send back the chart file PWAE98.TIF to e-mail address of requestor

```
open
cd data
cd forecasts
cd marine
cd coastal
cd an
get anz231.txt
quit
```

Connect to default\_site (tgftp.nws.noaa.gov) and send back coastal marine zone forecast ANZ231 to e-mail address of requestor

```
open
cd data
cd forecasts
cd zone
cd md
get mdz009.txt
quit
```

Connect to default\_site (tgftp.nws.noaa.gov) and send back public land zone forecast MDZ009 to e-mail address of requestor.  
(Contact your local forecast office to identify the public forecast zone number for your county, known as the UGC code)  
Zones lists by State may also be found at <http://alerts.weather.gov/>

```
reply-to captain.kidd@noaa.gov
open
dir
quit
```

Connect to default\_site (tgftp.nws.noaa.gov) and send back the contents of the top level directory to captain.kidd@noaa.gov

```
open
cd fax
get ftpcmd.txt (List of FTPMAIL commands)
get rfaxtif.txt (TIFF suggestions)
get rfaxatl.txt (Atlantic radiofax file directory)
get rfaxpac.txt (Pacific radiofax file directory)
get rfaxmex.txt (Gulf of Mexico and Trop Atl radiofax file dir)
get rfaxak.txt (Alaska radiofax and ice file directory)
get rfaxhi.txt (Hawaii radiofax file directory)
get otherfax.txt (Foreign charts file directory)
get marine1.txt (Highseas,Offshore,Open Lakes,NAVTEX text file dir)
get marine2.txt (Hurricane text file directory)
get marine3.txt (Coastal forecasts text file directory)
get marine4.txt (Offshore forecasts by zone directory)
get marine5.txt (Atlantic coastal forecasts by zone directory)
get marine6.txt (Pacific coastal forecasts by zone directory)
get marine7.txt (Gulf of Mexico coastal forecasts by zone dir)
get marine8.txt (Great Lakes coastal forecasts by zone directory)
get marine9.txt (Alaska coastal forecasts by zone directory)
get marine10.txt (Hawaii&Trust coastal forecasts by zone directory)
get uk.txt (UK marine forecasts from Bracknell directory)
get canada.txt (Canadian marine text forecast directory)
get tsunami.txt (Tsunami products directory)
get buoydata.txt (Buoy and C-MAN station observations directory)
get robots.txt (Marine forecasts and info via e-mail systems)
quit
```

Connect to default\_site (tgftp.nws.noaa.gov) and send back the requested files to e-mail address of requestor.

Many, but not all National Weather Service forecast products may be obtained using FTPMAIL if the WMO/AWIPS Header is known as follows.

Example:

To obtain the Atlantic high seas Forecast, WMO header FZNT01 KWBC,  
AWIPS header HSFAT1

Send an e-mail to: ftpmail@ftpmail.nws.noaa.gov  
Subject Line: Put anything you like

Body:                   open  
                          cd data  
                          cd raw  
                          cd fz  
                          get fznt01.kWbc.hsf.at1.txt  
                          quit

\*\*\*\*\*SPECIAL NOTES\*\*\*\*\*

CAUTION - READ THIS HELP FILE CAREFULLY - 99% OF ERRORS USING FTPMAIL ARE SIMPLE TYPO'S, INCORRECT CAPITALIZATION, FAILURE TO SEND IN PLAIN TEXT FORMAT, LEADING OR TRAILING SPACES, OR FAILURE TO SET UP ANY SPAM FILTERS PROPERLY. FOLLOW THE EXAMPLES CLOSELY!

FTPMAIL e-mail requests must be sent in ASCII/Plain Text only. HTML formatting will likely result in no response from the FTPMAIL server.

Make certain you have not enabled any auto-reply function in your email system.

If you see the following response and believe your script to be correct, the most likely problem is that you are sending your e-mail in HTML format rather than the required plain text format.

<FTP EMAIL> response  
ftpmail has failed to queue your request with an error of:  
    Must have an 'open [site [user [pass]]]'

tgftp.nws.noaa.gov is the only valid FTP site for this service.

Problems have been reported by users of Hotmail. (This may now be fixed)

If you restrict incoming e-mail as a means of preventing spam, you must program your e-mail system to allow messages from:  
ftpmail@ftpmail.nws.noaa.gov

The majority of error messages have been disabled. You may or may not receive an error message back from FTPMAIL if your script is in error.

FTPMAIL problems are occasionally encountered when embedded control characters are received within the e-mail message received by the FTPMAIL server. These control characters may be introduced by the user's e-mail system and may be unavoidable.

Also be certain that each of your commands does not have any leading and/or trailing space(s) or you may see an error message with a number of statements saying "=20"

Problems may also be encountered in trying to go down several levels of directories simultaneously, e.g. "cd data/forecasts/marine/test". Use a series of commands "cd data", "cd forecasts", "cd marine" instead. In both these instances, the likely error will be "Directory not Found"

If the FTPMAIL server is too busy, you will receive an e-mail with a

subject line similar to: "ftpmail job queuing for retry queue/097095.69568"  
Your request will be resubmitted automatically and your requested  
file(s) should be received within several hours.

\*\*\*\*\*

An FAQ webpage describing several public and commercial FTP-to-EMAIL  
and WWW-to-EMAIL servers may be found at:  
[www.faqs.org/faqs/internet-services/access-via-email/](http://www.faqs.org/faqs/internet-services/access-via-email/)

If you have access to the Internet, be certain to check out  
the following webpages. See these pages for further links.

<a href="http://www.nws.noaa.gov">http://www.nws.noaa.gov</a>	NWS Homepage
<a href="http://www.nws.noaa.gov/om/marine/home.htm">http://www.nws.noaa.gov/om/marine/home.htm</a>	NWS Marine Page
<a href="http://cell.weather.gov">cell.weather.gov</a>	Cellphone page
<a href="http://mobile.weather.gov">mobile.weather.gov</a>	Mobile Page

Author: Marine, Tropical, and Tsunami Services Branch, W/AFS26  
National Weather Service  
Last Modified Apr 01, 2015  
Document URL: <http://weather.noaa.gov/pub/fax/ftpmail.txt>  
<ftp://tgftp.nws.noaa.gov/fax/ftpmail.txt>

\*\*\*FTPMAIL commands for ftpmail@ftpmail.nws.noaa.gov FTPMAIL server\*\*\*

FTP's files and sends them back via electronic mail

NOTE: \*.noaa.gov are the only valid FTP sites for this FTPMAIL server.

NOTE: Capitalization is critical for this server. Commands are un-capitalized, while some directory and file names are CAPITALIZED, while others are un-capitalized.

To use FTPMAIL:

- o Send an E-mail via the Internet to ftpmail@ftpmail.nws.noaa.gov
- o Put anything you like on the subject line
- o Enter a command script in the body of the message

Example scripts are:

```
reply-to lmjm@server.big.ac.uk
```

```
open
```

```
dir
```

```
quit
```

Connect to default\_site (tgftp.nws.noaa.gov) and send back the contents of the top level directory to lmjm@server.big.ac.uk

```
open
```

```
cd fax
```

```
get PWAG01.TIF
```

```
quit
```

Connect to default\_site (tgftp.nws.noaa.gov) and send back the chart file PWAG01.TIF to e-mail address of requestor



>>Valid commands to the ftpmail gateway are:

reply-to email-address Who to send the response to. This is optional  
and defaults to the users email address

>>Followed by one of:

help Just send back help

delete jobid Delete the given job  
(jobid is received from server)

open [site [user [pass]]]  
Site to ftp to. Default is:  
  
default\_site anonymous reply-to-address.

>>If there was an open then it can be followed by up to 100 of the  
>>following commands

cd pathname Change directory.  
cd .. Move up 1 directory.  
cd / Move to the root directory.

ls [pathname] Short listing of pathname.  
Default pathname is current directory.

dir [pathname] Long listing of pathname.  
Default pathname is current directory.

get pathname Get a file and email it back.

compress Compress files/dir-listings before emailing back

gzip Gzip files/dir-listings before emailing back

uuencode These are mutually exclusive options for  
btoa converting a binary file before emailing.  
(Default is uuencode.)

force uuencode Force all files or directory listings to  
force btoa be encoded before sending back.  
There is no default.

mime Send the message as a Mime Version 1.0 message.  
Text will be sent as text/plain charset=US-ASCII  
Non-text as application/octet-stream.  
If the file is splitup then it will be sent  
as a message/partial.

force mime As mime but force text files to be sent as  
application/octet-stream

no [compress|gzip|uuencode|btoa|mime]  
Turn the option off.

size num[K|M] Set the max size a file can be before it  
is split up and emailed back in parts to  
the given number of Kilo or Mega bytes.  
This is limited to 275KB. Default is 275KB.

mode binary Change the mode selected for the get  
mode ascii command. Defaults to binary.

quit End of input - ignore any following lines.

Author: Marine, Tropical, and Tsunami Services Branch, W/AFS26  
National Weather Service  
Last Modified Sep 12, 2008  
Document URL: <http://weather.noaa.gov/pub/fax/ftpcmd.txt>  
<ftp://tgftp.nws.noaa.gov/fax/ftpcmd.txt>

**NATIONAL WEATHER SERVICE RADIOFAX PRODUCTS**  
**for the Western Atlantic Ocean**

Example using FTPMAIL:

-In plain text format-

Send an e-mail to:           ftpmail@ftpmail.nws.noaa.gov  
Subject line:                Put anything you like  
Body:                         open  
                              cd fax  
                              get PPAE10.TIF  
                              get PWAE98.gif  
                              quit

These files may be found in directories:

ftp://tgftp.nws.noaa.gov/fax or

<http://weather.noaa.gov/pub/fax>

**WIND/SEAS CHARTS**

FILE  
NAME

12Z Sea State Analysis, 10E-95W Northern Hemisphere	<a href="#">PJAA99.TIF</a>
00Z Wind/Wave Analysis, 40W-98W Northern Hemisphere	<a href="#">PWAA88.TIF</a>
12Z Wind/Wave Analysis, 40W-98W Northern Hemisphere	<a href="#">PWAA89.TIF</a>
Wind/Wave Analysis, (Most Current)	<a href="#">PWAA90.TIF</a>
24HR Wind/Wave Chart VT00Z Forecast 40W-98W N. Hemisphere	<a href="#">PWAE98.TIF</a>
24HR Wind/Wave Chart VT12Z Forecast 40W-98W N. Hemisphere	<a href="#">PWAE99.TIF</a>
24HR Wind/Wave Chart Forecast (Most Current)	<a href="#">PWAE10.TIF</a>
48HR Wind/Wave VT00Z Forecast 10E-95W Northern Hemisphere	<a href="#">PJAI98.TIF</a>
48HR Wind/Wave VT12Z Forecast 10E-95W Northern Hemisphere	<a href="#">PJAI99.TIF</a>
48HR Wind/Wave Chart Forecast (Most Current)	<a href="#">PJAI10.TIF</a>
48HR Wave Period VT00Z Forecast 10E-95W Northern Hemisphere	<a href="#">PJAI88.TIF</a>
48HR Wave Period VT12Z Forecast 10E-95W Northern Hemisphere	<a href="#">PJAI89.TIF</a>
48HR Wave Period Chart Forecast (Most Current)	<a href="#">PJAI20.TIF</a>
96HR Wind/Wave Chart VT12Z Forecast 10E-95W N. Hemisphere	<a href="#">PJAM98.TIF</a>
96HR Wave Period VT12Z Forecast 10E-95W N. Hemisphere	<a href="#">PJAM88.TIF</a>

**SURFACE CHARTS**

00Z Preliminary Surface Chart Analysis 45W-85W N. Hemisphere	<a href="#">PYAA10.TIF</a>
06Z Preliminary Surface Chart Analysis 45W-85W N. Hemisphere	<a href="#">PYAB01.TIF</a>
12Z Preliminary Surface Chart Analysis 45W-85W N. Hemisphere	<a href="#">PYAC01.TIF</a>
18Z Preliminary Surface Chart Analysis 45W-85W N. Hemisphere	<a href="#">PYAD01.TIF</a>
Preliminary Surface Chart Analysis (Most Current)	<a href="#">PYAD10.TIF</a>
00Z Surface Analysis Chart, Part 1, 10E-45W N. Hemisphere	<a href="#">PYAA01.TIF</a>
00Z Surface Analysis Chart, Part 2, 40W-95W N. Hemisphere	<a href="#">PYAA02.TIF</a>
06Z Surface Analysis Chart, Part 1, 10E-45W N. Hemisphere	<a href="#">PYAA03.TIF</a>
06Z Surface Analysis Chart, Part 2, 40W-95W N. Hemisphere	<a href="#">PYAA04.TIF</a>
12Z Surface Analysis Chart, Part 1, 10E-45W N. Hemisphere	<a href="#">PYAA05.TIF</a>
12Z Surface Analysis Chart, Part 2, 40W-95W N. Hemisphere	<a href="#">PYAA06.TIF</a>
18Z Surface Analysis Chart, Part 1, 10E-45W N. Hemisphere	<a href="#">PYAA07.TIF</a>
18Z Surface Analysis Chart, Part 2, 40W-95W N. Hemisphere	<a href="#">PYAA08.TIF</a>
Surface Analysis Chart, Part 1, (Most Current)	<a href="#">PYAA11.TIF</a>
Surface Analysis Chart, Part 2, (Most Current)	<a href="#">PYAA12.TIF</a>
24HR Surface Chart VT00Z Forecast 40W-98W Northern Hemisphere	<a href="#">PPAE00.TIF</a>
24HR Surface Chart VT12Z Forecast 40W-98W Northern Hemisphere	<a href="#">PPAE01.TIF</a>
24HR Surface Chart Forecast (Most Current)	<a href="#">PPAE10.TIF</a>
48HR Surface Chart VT00Z Forecast 10E-95W Northern Hemisphere	<a href="#">QDTM85.TIF</a>
48HR Surface Chart VT12Z Forecast 10E-95W Northern Hemisphere	<a href="#">QDTM86.TIF</a>
48HR Surface Chart Forecast (Most Current)	<a href="#">QDTM10.TIF</a>

96HR Surface Chart VT12Z Forecast 10E-95W Northern Hemisphere [PWAM99.TIF](#)

#### **UPPER AIR CHARTS**

00Z 500 mb Surface Chart Analysis 10E-95W Northern Hemisphere [PPAA50.TIF](#)  
12Z 500 mb Surface Chart Analysis 10E-95W Northern Hemisphere [PPAA51.TIF](#)  
500 mb Surface Chart Analysis (Most Current) [PPAA10.TIF](#)  
24HR 500 mb Chart VT00Z Forecast 10E-95W Northern Hemisphere [PPAE50.TIF](#)  
24HR 500 mb Chart VT12Z Forecast 10E-95W Northern Hemisphere [PPAE51.TIF](#)  
24HR 500 mb Chart Forecast (Most Current) [PPAE11.TIF](#)  
36HR 500 mb Chart VT00Z Forecast 10E-95W Northern Hemisphere [PPAG50.TIF](#)  
36HR 500 mb Chart VT12Z Forecast 10E-95W Northern Hemisphere [PPAG51.TIF](#)  
36HR 500 mb Chart Forecast (Most Current) [PPAG11.TIF](#)  
48HR 500 mb Chart VT00Z Forecast 10E-95W Northern Hemisphere [PPAI50.TIF](#)  
48HR 500 mb Chart VT12Z Forecast 10E-95W Northern Hemisphere [PPAI51.TIF](#)  
48HR 500 mb Chart Forecast (Most Current) [PPAI10.TIF](#)  
96HR 500 mb Chart VT12Z Forecast 10E-95W Northern Hemisphere [PPAM50.TIF](#)

#### **TROPICAL CYCLONE CHARTS**

Tropical Cyclone Danger Area\* VT03, 05N-60N, 00W-100W [PWEK89.TIF](#)  
Tropical Cyclone Danger Area\* VT09, 05N-60N, 00W-100W [PWEK90.TIF](#)  
Tropical Cyclone Danger Area\* VT15, 05N-60N, 00W-100W [PWEK91.TIF](#)  
Tropical Cyclone Danger Area\* VT21, 05N-60N, 00W-100W [PWEK88.TIF](#)  
Tropical Cyclone Danger Area\* (Most Current) [PWEK11.TIF](#)

#### **SATELLITE IMAGERY**

00Z GOES IR Satellite Image, West Atlantic [evnt00.jpg](#)  
06Z GOES IR Satellite Image, Atlantic [evnt06.jpg](#)  
12Z GOES IR Satellite Image, West Atlantic [evnt12.jpg](#)  
18Z GOES IR Satellite Image, Atlantic [evnt18.jpg](#)  
W Atlantic or Atlantic (Most Current) [evnt99.jpg](#)

#### **ICE CHARTS**

Ice Chart from U.S. Coast Guard International Ice Patrol [PIEA88.TIF](#)  
(During Ice Season only ~Feb-Sep, for further information see:  
<http://www.uscg.mil/lantarea/iip/home.html>)

#### **SCHEDULE INFORMATION**

Radiofax Schedule Part 1 (Boston, MA) [PLAZ01.TIF](#)  
Radiofax Schedule Part 2 (Boston, MA) [PLAZ02.TIF](#)  
Radiofax Schedule (DOS Text Version) [hfmarsh.txt](#)  
Request for Comments [PLAZ03.TIF](#)  
Product Notice Bulletin [PLAZ04.TIF](#)  
Test Pattern [PZZZ94.TIF](#)  
Internet File Names (This file) [rfaxatl.txt](#)

\* Tropical Cyclone Danger Area chart replaced by 48HR High Wind/Wave Warning chart Dec 01 - May 14 Valid times 00Z,06Z,12Z and 18Z, Map area 05N-40N, 35W-100W

NATIONAL WEATHER SERVICE RADIOFAX PRODUCTS  
for the North and Tropical East Pacific

Example using FTPMAIL:

-In plain text format-

Send an e-mail to: ftpmail@ftpmail.nws.noaa.gov  
Subject line: Put anything you like  
Body: open  
cd fax  
get PWBE10.TIF  
get PWBM99.gif  
quit

These files may be found in directories:  
ftp://tgftp.nws.noaa.gov/fax or  
<http://weather.noaa.gov/pub/fax>

**WIND/WAVE CHARTS**

	FILE NAME
00Z Sea State Analysis 20N-70N, 115W-135E	<a href="#">PJBA99.TIF</a>
@00Z Wind/Wave Analysis 18N-62N, E OF 157W	<a href="#">PWBA88.TIF</a>
06Z Wind/Wave Analysis 18N-62N, E OF 157W	<a href="#">PWBB88.TIF</a>
12Z Wind/Wave Analysis 18N-62N, E OF 157W	<a href="#">PWBA89.TIF</a>
18Z Wind/Wave Analysis 18N-62N, E OF 157W	<a href="#">PWBD89.TIF</a>
Wind/Wave Analysis 18N-62N, E OF 157W (Most Current)	<a href="#">PWBA90.TIF</a>
24HR Wind/Wave Forecast VT00Z 18N-62N, E of 157W	<a href="#">PWBE98.TIF</a>
24HR Wind/Wave Forecast VT12Z 18N-62N, E of 157W	<a href="#">PWBE99.TIF</a>
24HR Wind/Wave Forecast (Most Current)	<a href="#">PWBE10.TIF</a>
48HR Wind/Wave Forecast VT00Z 20N-70N, 115W-135E	<a href="#">PJBI98.TIF</a>
48HR Wind/Wave Forecast VT12Z 20N-70N, 115W-135E	<a href="#">PJBI99.TIF</a>
48HR Wind Wave Forecast (Most Current)	<a href="#">PJBI10.TIF</a>
48HR Wave Period/Swell Direction VT00Z 20N-70N, 115W-135E	<a href="#">PJBI88.TIF</a>
48HR Wave Period/Swell Direction VT12Z 20N-70N, 115W-135E	<a href="#">PJBI89.TIF</a>
48HR Wave Period/Swell Direction (Most Current)	<a href="#">PJBI20.TIF</a>
96HR Wind/Wave Forecast VT12Z 20N-70N, 115W-135E	<a href="#">PJBM98.TIF</a>
96HR Wave Period/Swell Direction VT12Z 20N-70N, 115W-135E	<a href="#">PJBM88.TIF</a>

**TROPICAL WIND/WAVE CHARTS**

Tropical Sea State Analysis VT00Z 20S-30N, E of 145W	<a href="#">PKFA88.TIF</a>
Tropical Sea State Analysis VT12Z 20S-30N, E of 145W	<a href="#">PKFA89.TIF</a>
Tropical Sea State Analysis (Most Current)	<a href="#">PKFA10.TIF</a>
@24HR Wind/Wave Forecast VT00Z 20S-30N, E of 145W	<a href="#">PWFE01.TIF</a>
@24HR Wind/Wave Forecast VT12Z 20S-30N, E of 145W	<a href="#">PWFE03.TIF</a>
@24HR Wind/Wave Forecast (Most Current)	<a href="#">PWFE10.TIF</a>
48HR Wind/Wave Forecast VT00Z 20S-30N, E of 145W	<a href="#">PWFI88.TIF</a>
48HR Wind/Wave Forecast VT12Z 20S-30N, E of 145W	<a href="#">PWFI90.TIF</a>
48HR Wind/Wave Forecast (Most Current)	<a href="#">PWFI10.TIF</a>
48HR Wave Period/Swell Direction VT00Z 20S-30N, E of 145W	<a href="#">PJFI87.TIF</a>
48HR Wave Period/Swell Direction VT12Z 20S-30N, E of 145W	<a href="#">PJFI88.TIF</a>
48HR Wave Period/Swell Direction (Most Current)	<a href="#">PJFI11.TIF</a>
72HR Wind/Wave Forecast VT00Z 20S-30N, E of 145W	<a href="#">PWFK92.TIF</a>
72HR Wind/Wave Forecast VT12Z 20S-30N, E of 145W	<a href="#">PWFK93.TIF</a>
72HR Wind/Wave Forecast (Most Current)	<a href="#">PWFK10.TIF</a>
72HR Wave Period/Swell Direction VT00Z 20S-30N, E of 145W	<a href="#">PJFK93.TIF</a>

## **SURFACE CHARTS**

00Z Surface Analysis NE Pacific (Part 1) 20N-70W, 115W-175W	<a href="#">PYBA01.TIF</a>
00Z Surface Analysis NW Pacific (Part 2) 20N-70W, 175W-135E	<a href="#">PYBA02.TIF</a>
06Z Surface Analysis NE Pacific (Part 1) 20N-70W, 115W-175W	<a href="#">PYBA03.TIF</a>
06Z Surface Analysis NW Pacific (Part 2) 20N-70W, 175W-135E	<a href="#">PYBA04.TIF</a>
12Z Surface Analysis NE Pacific (Part 1) 20N-70W, 115W-175W	<a href="#">PYBA05.TIF</a>
12Z Surface Analysis NW Pacific (Part 2) 20N-70W, 175W-135E	<a href="#">PYBA06.TIF</a>
18Z Surface Analysis NE Pacific (Part 1) 20N-70W, 115W-175W	<a href="#">PYBA07.TIF</a>
18Z Surface Analysis NW Pacific (Part 2) 20N-70W, 175W-135E	<a href="#">PYBA08.TIF</a>
Surface Analysis, Part 1 (Most Current)	<a href="#">PYBA90.TIF</a>
Surface Analysis, Part 2 (Most Current)	<a href="#">PYBA91.TIF</a>
24HR Surface Forecast VT00Z Forecast 18N-62N, E of 157W 24HR	<a href="#">PPBE00.TIF</a>
Surface Forecast VT12Z Forecast 18N-62N, E of 157W 24HR	<a href="#">PPBE01.TIF</a>
Surface Forecast (Most Current)	<a href="#">PPBE10.TIF</a>
48HR Surface Forecast VT00Z 20N-70W, 115W-135E	<a href="#">PWBI98.TIF</a>
48HR Surface Forecast VT12Z 20N-70W, 115W-135E	<a href="#">PWBI99.TIF</a>
48HR Surface Forecast (Most Current)	<a href="#">PWBI10.TIF</a>
96HR Surface Forecast VT12Z 20N-70W, 115W-135E	<a href="#">PWBM99.TIF</a>

## **TROPICAL SURFACE CHARTS**

00Z East Pacific Surface Analysis 20S-30N, E of 145W	<a href="#">PYFA96.TIF</a>
06Z East Pacific Surface Analysis 20S-30N, E of 145W	<a href="#">PYFA97.TIF</a>
12Z East Pacific Surface Analysis 20S-30N, E of 145W	<a href="#">PYFA98.TIF</a>
18Z East Pacific Surface Analysis 20S-30N, E of 145W	<a href="#">PYFA99.TIF</a>
East Pacific Surface Analysis Most Current	<a href="#">PYFA90.TIF</a>
@00Z U.S./Tropical Surface Analysis 5S-50N,55W-125W	<a href="#">PYEB86.TIF</a>
@06Z U.S./Tropical Surface Analysis 5S-50N,55W-125W	<a href="#">PYEB87.TIF</a>
@12Z U.S./Tropical Surface Analysis 5S-50N,55W-125W	<a href="#">PYEB85.TIF</a>
@18Z U.S./Tropical Surface Analysis 5S-50N,55W-125W	<a href="#">PYEB88.TIF</a>
@ U.S./Tropical Surface Analysis (Most Current)	<a href="#">PYEB11.TIF</a>
@24HR Tropical Surface ForecastVT00,20S-30N,80W-145W	<a href="#">PYFE79.TIF</a>
@24HR Tropical Surface ForecastVT12,20S-30N,80W-145W	<a href="#">PYFE80.TIF</a>
@24HR Tropical Surface Forecast(Most Current);	<a href="#">PYFE10.TIF</a>
48HR Tropical Surface ForecastVT00,20S-30N,80W-145W	<a href="#">PYFI81.TIF</a>
48HR Tropical Surface ForecastVT12,20S-30N,80W-145W	<a href="#">PYFI82.TIF</a>
48HR Tropical Surface Forecast(Most Current);	<a href="#">PYFI10.TIF</a>
@72HR Tropical Surface ForecastVT00,20S-30N,80W-145W	<a href="#">PYFK83.TIF</a>
@72HR Tropical Surface ForecastVT12,20S-30N,80W-145W	<a href="#">PYFK84.TIF</a>
@72HR Tropical Surface Forecast (Most Current);	<a href="#">PYFK10.TIF</a>

## **UPPER AIR CHARTS**

00Z 500 mb Analysis 20N-70N 115W-135E	<a href="#">PPBA50.TIF</a>
12Z 500 mb Analysis 20N-70N, 115W-135E	<a href="#">PBBA51.TIF</a>
500 mb Analysis (Most Current)	<a href="#">PPBA10.TIF</a>
24HR 500 mb Forecast VT00Z 20N-70N, 115W-135E	<a href="#">PPBE50.TIF</a>
24HR 500 mb Forecast VT12Z 20N-70N, 115W-135E	<a href="#">PPBE51.TIF</a>
24HR 500 mb Forecast (Most Current)	<a href="#">PPBE11.TIF</a>
48HR 500 mb Forecast VT00Z 20N-70N, 115W-135E	<a href="#">PPBI50.TIF</a>
48HR 500 mb Forecast VT12Z 20N-70N, 115W-135E	<a href="#">PPBI51.TIF</a>
48HR 500 mb Forecast (Most Current)	<a href="#">PPBI10.TIF</a>
96HR 500 mb VT12Z 20N-70N, 115W-135E	<a href="#">PPBM50.TIF</a>

## TROPICAL CYCLONE CHARTS

72 HR Tropical Cyclone Danger Area VT 03Z 0N-40N, 80W-180W	<a href="#">PWFK88.TIF</a>
72 HR Tropical Cyclone Danger Area VT 09Z 0N-40N, 80W-180W	<a href="#">PWFK89.TIF</a>
72 HR Tropical Cyclone Danger Area VT 15Z 0N-40N, 80W-180W	<a href="#">PWFK90.TIF</a>
72 HR Tropical Cyclone Danger Area VT 21Z 0N-40N, 80W-180W	<a href="#">PWFK91.TIF</a>
72 HR Tropical Cyclone Danger Area (Most Current)	<a href="#">PWFK11.TIF</a>

Note: Tropical Cyclone Danger Area chart replaced by 48HR High Wind/Wave Warning chart Dec 01 - May 14 Valid times 00Z,06Z,12Z and 18Z

## SEA SURFACE TEMPERATURES

Pacific SST Chart 40N-53N, E of 136W	<a href="#">PTBA88.TIF</a>
Pacific SST Chart 23N-42N, E of 150W	<a href="#">PTBA89.TIF</a>

## SATELLITE IMAGERY

@00Z GOES IR Satellite Image, Tropical East Pacific	<a href="#">evpn02.jpg</a>
06Z GOES IR Satellite Image, Tropical East Pacific	<a href="#">evpn07.jpg</a>
@12Z GOES IR Satellite Image, Tropical East Pacific	<a href="#">evpn04.jpg</a>
18Z GOES IR Satellite Image, Tropical East Pacific	<a href="#">evpn08.jpg</a>
GOES IR Satellite Image, Tropical East Pac (MOST CURRENT)	<a href="#">evpn10.jpg</a>
@06Z GOES IR Satellite Image, East Pacific	<a href="#">evpn03.jpg</a>
12Z GOES IR Satellite Image, East Pacific	<a href="#">evpn13.jpg</a>
@18Z GOES IR Satellite Image, East Pacific	<a href="#">evpn14.jpg</a>
21Z GOES VISIBLE Satellite Image, East Pacific	<a href="#">evpn00.jpg</a>
GOES Satellite Image, East Pacific (MOST CURRENT)	<a href="#">evpn98.jpg</a>
00Z GOES IR Satellite Image, Pacific	<a href="#">evpn01.jpg</a>
06Z GOES IR Satellite Image, Pacific	<a href="#">evpn06.jpg</a>
12Z GOES IR Satellite Image, Pacific	<a href="#">evpn12.jpg</a>
18Z GOES IR Satellite Image, Pacific	<a href="#">evpn18.jpg</a>
GOES IR Satellite Image, Pacific (MOST CURRENT)	<a href="#">evpn99.jpg</a>

## SCHEDULE INFORMATION

Radiofax Schedule Part 1 (Point Reyes, CA)	<a href="#">PLBZ01.TIF</a>
Radiofax Schedule Part 2 (Point Reyes, CA)	<a href="#">PLBZ02.TIF</a>
Radiofax Schedule (DOS Text Format)	<a href="#">hfreyes.txt</a>
Request for Comments	<a href="#">PLBZ03.TIF</a>
Product Notice Bulletin	<a href="#">PLBZ04.TIF</a>
Test Pattern	<a href="#">PZZZ93.TIF</a>
Internet File Names (This file)	<a href="#">rfaxpac.txt</a>

@ Not transmitted via Pt. Reyes radiofax but listed here for convenience

**NATIONAL WEATHER SERVICE RADIOFAX PRODUCTS**  
**for the Gulf of Mexico, Caribbean, Tropical Atlantic and Tropical E Pacific**

Example using FTPMAIL:

-In plain text format-

Send an e-mail to:           ftpmail@ftpmail.nws.noaa.gov  
Subject line:                Put anything you like  
Body:                        open  
                              cd fax  
                              get PWEE11.TIF  
                              get PYEA11.gif  
                              quit

These files may be found in directories:  
ftp://tgftp.nws.noaa.gov/fax or  
<http://weather.noaa.gov/pub/fax>

	FILE NAME
<b>WIND/WAVE CHARTS</b>	
00Z Sea State Analysis, 0N-31N, 35W-100W	<a href="#">PJEA88.TIF</a>
12Z Sea State Analysis, 0N-31N, 35W-100W	<a href="#">PJEA90.TIF</a>
Sea State Analysis (Most Current)	<a href="#">PJEA11.TIF</a>
24HR Wind/Wave Forecast VT00, 0N-31N, 35W-100W	<a href="#">PWEE89.TIF</a>
24HR Wind/Wave Forecast VT12, 0N-31N, 35W-100W	<a href="#">PWEE91.TIF</a>
24HR Wind/Wave Forecast (Most Current)	<a href="#">PWEE11.TIF</a>
36HR Wind/Wave Forecast VT12, 0N-31N, 35W-100W	<a href="#">PWED98.TIF</a>
48HR Wind/Wave Forecast VT00, 0N-31N, 35W-100W	<a href="#">PWEI88.TIF</a>
48HR Wind/Wave Forecast VT12, 0N-31N, 35W-100W	<a href="#">PWEI89.TIF</a>
48HR Wind/Wave Forecast (Most Current)	<a href="#">PWEI11.TIF</a>
48HR Wave Period/Swell Dir Forecast VT00, 0N-31N, 35W-100W	<a href="#">PJEI88.TIF</a>
48HR Wave Period/Swell Dir Forecast VT12, 0N-31N, 35W-100W	<a href="#">PJEI89.TIF</a>
48HR Wave Period/Swell Direction Forecast (Most Current)	<a href="#">PJEI11.TIF</a>
72HR Wind/Wave Forecast VT00, 0N-31N, 35W-100W	<a href="#">PJEK88.TIF</a>
72HR Wind/Wave Forecast VT12, 0N-31N, 35W-100W	<a href="#">PJEK89.TIF</a>
72HR Wind/Wave Forecast (Most Current)	<a href="#">PJEK11.TIF</a>
72HR Wave Period/Swell Dir Forecast VT00, 0N-31N, 35W-100W	<a href="#">PKEK88.TIF</a>

**SURFACE CHARTS**

@00Z U.S./Tropical Surface Analysis (W Half) 5S-50N,55W-125W	<a href="#">PYEB86.TIF</a>
@06Z U.S./Tropical Surface Analysis (W Half) 5S-50N,55W-125W	<a href="#">PYEB87.TIF</a>
@12Z U.S./Tropical Surface Analysis (W Half) 5S-50N,55W-125W	<a href="#">PYEB85.TIF</a>
@18Z U.S./Tropical Surface Analysis (W Half) 5S-50N,55W-125W	<a href="#">PYEB88.TIF</a>
@    U.S./Tropical Surface Analysis (W Half) (Most Current)	<a href="#">PYEB11.TIF</a>
00Z Tropical Surface Analysis (E Half) 5S-50N, 0W-70W	<a href="#">PYEA86.TIF</a>
06Z Tropical Surface Analysis (E Half) 5S-50N, 0W-70W	<a href="#">PYEA87.TIF</a>
12Z Tropical Surface Analysis (E Half) 5S-50N, 0W-70W	<a href="#">PYEA85.TIF</a>
18Z Tropical Surface Analysis (E Half) 5S-50N, 0W-70W	<a href="#">PYEA88.TIF</a>
Tropical Surface Analysis (E Half) (Most Current)	<a href="#">PYEA11.TIF</a>
24HR Tropical Surface Forecast (E Half)VT00,00N-31N, 35W-100W	<a href="#">PYEE79.TIF</a>
24HR Tropical Surface Forecast (E Half)VT12,00N-31N, 35W-100W	<a href="#">PYEE80.TIF</a>
Tropical Surface Forecast (Most Current)	<a href="#">PYEE10.TIF</a>
48HR Tropical Surface Forecast (E Half)VT00,00N-31N, 35W-100W	<a href="#">PYEI81.TIF</a>
48HR Tropical Surface Forecast (E Half)VT12,00N-31N, 35W-100W	<a href="#">PYEI82.TIF</a>
Tropical Surface Forecast (Most Current)	<a href="#">PYEI10.TIF</a>
72HR Tropical Surface Forecast (E Half)VT00,00N-31N, 35W-100W	<a href="#">PYEK83.TIF</a>
72HR Tropical Surface Forecast (E Half)VT12,00N-31N, 35W-100W	<a href="#">PYEK84.TIF</a>
Tropical Surface Forecast (Most Current)	<a href="#">PYEK10.TIF</a>



@ For further forecasts covering the Tropical East Pacific,  
see Pt. Reyes and Honolulu charts

#### **TROPICAL CYCLONE CHARTS**

Tropical Cyclone Danger Area*	VT03,	05N-60N,	00W-100W	<a href="#">PWEK89.TIF</a>
Tropical Cyclone Danger Area*	VT09,	05N-60N,	00W-100W	<a href="#">PWEK90.TIF</a>
Tropical Cyclone Danger Area*	VT15,	05N-60N,	00W-100W	<a href="#">PWEK91.TIF</a>
Tropical Cyclone Danger Area*	VT21,	05N-60N,	00W-100W	<a href="#">PWEK88.TIF</a>
Tropical Cyclone Danger Area*	(Most Current)			<a href="#">PWEK11.TIF</a>

#### **HIGH SEAS FORECASTS**

04Z High Seas Forecast	7N-31N,	35W-98W,	In English	<a href="#">PLEA86.TIF</a>
10Z High Seas Forecast	7N-31N,	35W-98W,	In English	<a href="#">PLEA87.TIF</a>
16Z High Seas Forecast	7N-31N,	35W-98W,	In English	<a href="#">PLEA89.TIF</a>
22Z High Seas Forecast	7N-31N,	35W-98W,	In English	<a href="#">PLEA88.TIF</a>
High Seas Forecast	(Most Current)			<a href="#">PLEA10.TIF</a>

#### **SATELLITE IMAGERY**

0645Z GOES IR Satellite Image,	12S-44N,	28W-112W	<a href="#">evst06.jpg</a>
1145Z GOES IR Satellite Image,	12S-44N,	28W-112W	<a href="#">evst12.jpg</a>
1745Z GOES IR Satellite Image,	12S-44N,	28W-112W	<a href="#">evst18.jpg</a>
2345Z GOES IR Satellite Image,	12S-44N,	28W-112W	<a href="#">evst00.jpg</a>
GOES IR Satellite Image	(Most Current)		<a href="#">evst99.jpg</a>

#### **SCHEDULE INFORMATION**

Radiofax Schedule (New Orleans, LA)	<a href="#">PLEZ01.TIF</a>
Radiofax Schedule (DOS Text Format)	<a href="#">hfgulf.txt</a>
Request for Comments	<a href="#">PLEZ02.TIF</a>
Product Notice Bulletin	<a href="#">PLEZ03.TIF</a>
Test Chart	<a href="#">PZZZ95.TIF</a>
Internet File Names, (This file)	<a href="#">rfaxmex.txt</a>

\* Tropical Cyclone Danger Area chart replaced by 48HR High Wind/Wave Warning chart Dec 01 - May 14 Valid times 00Z,06Z,12Z and 18Z, Map area 05N-40N, 35W-100W

**NATIONAL WEATHER SERVICE RADIOFAX PRODUCTS**  
**for the Northeast and Eastern Pacific**

Example using FTPMAIL:-  
In plain text format-

Send an e-mail to:           ftpmail@ftpmail.nws.noaa.gov  
Subject line:                Put anything you like  
Body:                         open  
                              cd fax  
                              get PJBI99.TIF  
                              get PYBE10.gif  
                              quit

These files may be found in directories:  
ftp://tgftp.nws.noaa.gov/fax or  
http://weather.noaa.gov/pub/fax

**WIND/WAVE CHARTS**

FILE  
NAME

00Z Sea State Analysis 20N-70N, 115W-135E	<a href="#">PJBA99.TIF</a>
24HR Wind/Wave Forecast VT00Z 40N-70N, 115W-170E	<a href="#">PJBE88.TIF</a>
24HR Wind/Wave Forecast VT12Z 40N-70N, 115W-170E	<a href="#">PJBE89.TIF</a>
24HR Wind Wave Forecast (Most Current)	<a href="#">PJBE10.TIF</a>
48HR Wind/Wave Forecast VT00Z 20N-70N, 115W-135E	<a href="#">PJBI98.TIF</a>
48HR Wind/Wave Forecast VT12Z 20N-70N, 115W-135E	<a href="#">PJBI99.TIF</a>
48HR Wind Wave Forecast (Most Current)	<a href="#">PJBI10.TIF</a>
48HR Wave Period/Swell Direction VT00Z 20N-70N, 115W-135E	<a href="#">PJBI88.TIF</a>
48HR Wave Period/Swell Direction VT12Z 20N-70N, 115W-135E	<a href="#">PJBI89.TIF</a>
48HR Wave Period/Swell Direction (Most Current)	<a href="#">PJBI20.TIF</a>
96HR Wind/Wave Forecast VT12Z 20N-70N, 115W-135E	<a href="#">PJBM98.TIF</a>
96HR Wave Period/Swell Direction VT12Z 20N-70N, 115W-135E	<a href="#">PJBM88.TIF</a>

**SURFACE CHARTS**

00Z Surface Analysis 40N-70N, 125W-150E	<a href="#">PYCA00.TIF</a>
06Z Surface Analysis 40N-70N, 125W-150E	<a href="#">PYCA01.TIF</a>
12Z Surface Analysis 40N-70N, 125W-150E	<a href="#">PYCA02.TIF</a>
18Z Surface Analysis 40N-70N, 125W-150E	<a href="#">PYCA03.TIF</a>
Surface Analysis (Most Current)	<a href="#">PYCA10.TIF</a>
24HR Surface Chart Forecast VT00Z 40N-70N, 115W-170E	<a href="#">PYBE00.TIF</a>
24HR Surface Chart Forecast VT12Z 40N-70N, 115W-170E	<a href="#">PYBE01.TIF</a>
24HR Surface Chart Forecast (Most Current)	<a href="#">PYBE10.TIF</a>
48HR Surface Chart Forecast VT00Z 20N-70N 115W-135E	<a href="#">PWBI99.TIF</a>
48HR Surface Chart Forecast VT12Z 20N-70N 115W-135E	<a href="#">PWBI98.TIF</a>
48HR Surface Chart Forecast (Most Current)	<a href="#">PWBI10.TIF</a>
96HR Surface Chart Forecast VT12Z	<a href="#">PWBM99.TIF</a>

**UPPER AIR CHARTS**

00Z 500 mb Analysis 20N-70N 115W-135E	<a href="#">PPBA50.TIF</a>
12Z 500 mb Analysis 20N-70N, 115W-135E	<a href="#">PBBA51.TIF</a>
500 mb Analysis (Most Current)	<a href="#">PPBA10.TIF</a>
24HR 500 mb Forecast VT00Z 20N-70N, 115W-135E	<a href="#">PPBE50.TIF</a>
24HR 500 mb Forecast VT12Z 20N-70N, 115W-135E	<a href="#">PPBE51.TIF</a>
24HR 500 mb Forecast (Most Current)	<a href="#">PPBE11.TIF</a>
48HR 500 mb Forecast VT00Z 20N-70N, 115W-135E	<a href="#">PPBI50.TIF</a>
48HR 500 mb Forecast VT12Z 20N-70N, 115W-135E	<a href="#">PPBI51.TIF</a>
48HR 500 mb Forecast (Most Current)	<a href="#">PPBI10.TIF</a>
96HR 500 mb VT12Z 20N-70N, 115W-135E	<a href="#">PPBM50.TIF</a>

**SEA SURFACE TEMPERATURES**

Sea Surface Temperature Analysis 40N-60N,125W - 160E

[PTCA88.TIF](#)

**SATELLITE IMAGERY**

00Z GOES IR Satellite Image, Pacific

[evpn01.jpg](#)

06Z GOES IR Satellite Image, Pacific

[evpn06.jpg](#)

12Z GOES IR Satellite Image, Pacific

[evpn12.jpg](#)

18Z GOES IR Satellite Image, Pacific

[evpn18.jpg](#)

GOES IR Satellite Image, Pacific (MOST CURRENT)

[evpn99.jpg](#)

**ICE CHARTS**

Sea Ice Analysis

[PTCA89.TIF](#)

5 Day Sea Ice Forecast

[PTCO89.TIF](#)

Cook Inlet Sea Ice Analysis

[PTCA87.TIF](#)

**SCHEDULE INFORMATION and MISCELLANEOUS**

Radiofax Schedule Kodiak, AK;

[PLBZ05.TIF](#)

Radiofax Schedule (DOS Text Version)

[hfak.txt](#)

Request for Comments

xxxxxx.xxx

Product Notice Bulletin

xxxxxx.xxx

Test Pattern;

xxxxxx.xxx

Radiofacsimile Symbols and Contractions

[PLBZ06.TIF](#)

Internet File Names; (This file)

[rfaxak.txt](#)

xxxxxx.xxx = Currently unavailable

**NATIONAL WEATHER SERVICE RADIOFAX PRODUCTS**  
**for the Central, Southeast and North Pacific**

Example using FTPMAIL:

-In plain text format-

Send an e-mail to:           ftpmail@ftpmail.nws.noaa.gov  
Subject line:                Put anything you like  
Body:                         open  
                              cd fax  
                              get PJFD89.TIF  
                              get PBFA11.gif  
                              quit

These files may be found in directories:

ftp://tgftp.nws.noaa.gov/fax or

<http://weather.noaa.gov/pub/fax>

**WIND/WAVE CHARTS - CENTRAL PACIFIC**

FILE  
NAME

00Z Pacific Wind/Wave Analysis 30S-30N, 110W-130E	<a href="#">PJFB89.TIF</a>
12Z Pacific Wind/Wave Analysis 30S-30N, 110W-130E	<a href="#">PJFD89.TIF</a>
Pacific Wind/Wave Analysis (Most Current)	<a href="#">PJFB10.TIF</a>
24HR Pacific Wind/Wave Forecast VT00Z 30S-30N, 110W-130E	<a href="#">PWFE82.TIF</a>
24HR Pacific Wind/Wave Forecast VT12Z 30S-30N, 110W-130E	<a href="#">PWFE84.TIF</a>
24HR Pacific Wind/Wave Forecast (Most Current)	<a href="#">PWFE11.TIF</a>
48HR Pacific Wind/Wave Forecast VT00Z 30S-30N, 110W-130E	<a href="#">PJFI89.TIF</a>
48HR Pacific Wind/Wave Forecast VT12Z 30S-30N, 110W-130E	<a href="#">PJFI91.TIF</a>
48HR Pacific Wind/Wave Forecast (Most Current)	<a href="#">PJFI10.TIF</a>
72HR Pacific Sea State Forecast VT00Z 30S-30N, 110W-130E	<a href="#">PJFK89.TIF</a>
72HR Pacific Sea State Forecast VT12Z 30S-30N, 110W-130E	<a href="#">PJFK91.TIF</a>
72HR Pacific Sea State Forecast (Most Current)	<a href="#">PJFK10.TIF</a>

**WIND/WAVE CHARTS - SE PACIFIC**

Tropical Sea State Analysis VT00Z 20S-30N, E of 145W	<a href="#">PKFA88.TIF</a>
Tropical Sea State Analysis VT12Z 20S-30N, E of 145W	<a href="#">PKFA89.TIF</a>
Tropical Sea State Analysis (Most Current)	<a href="#">PKFA10.TIF</a>
24HR Wind/Wave Forecast VT00Z 20S-30N, E of 145W	<a href="#">PWFE01.TIF</a>
24HR Wind/Wave Forecast VT12Z 20S-30N, E of 145W	<a href="#">PWFE03.TIF</a>
24HR Wind/Wave Forecast (Most Current)	<a href="#">PWFE10.TIF</a>
48HR Wind/Wave Forecast VT00Z 20S-30N, E of 145W	<a href="#">PWFI88.TIF</a>
48HR Wind/Wave Forecast VT12Z 20S-30N, E of 145W	<a href="#">PWFI90.TIF</a>
48HR Wind/Wave Forecast (Most Current)	<a href="#">PWFI10.TIF</a>
@48HR Wave Period/Swell Direction VT00Z 20S-30N, E of 145W	<a href="#">PJFI87.TIF</a>
48HR Wave Period/Swell Direction VT12Z 20S-30N, E of 145W	<a href="#">PJFI88.TIF</a>
48HR Wave Period/Swell Direction (Most Current)	<a href="#">PJFI11.TIF</a>
72HR Wind/Wave Forecast VT00Z 20S-30N, E of 145W	<a href="#">PWFK92.TIF</a>
72HR Wind/Wave Forecast VT12Z 20S-30N, E of 145W	<a href="#">PWFK93.TIF</a>
72HR Wind/Wave Forecast (Most Current)	<a href="#">PWFK10.TIF</a>
72HR Wave Period/Swell Direction VT00Z 20S-30N, E of 145W	<a href="#">PJFK93.TIF</a>

**WIND/WAVE CHARTS - NORTH PACIFIC**

00Z Sea State Analysis 20N-70N, 115W-135E	<a href="#">PJBA99.TIF</a>
@00Z Wind/Wave Analysis 18N-62N, E OF 157W	<a href="#">PWBA88.TIF</a>
@06Z Wind/Wave Analysis 18N-62N, E OF 157W	<a href="#">PWBB88.TIF</a>

@12Z Wind/Wave Analysis 18N-62N, E OF 157W	<a href="#">PWBA89.TIF</a>
@18Z Wind/Wave Analysis 18N-62N, E OF 157W	<a href="#">PWBD89.TIF</a>
@ Wind/Wave Analysis 18N-62N, E OF 157W (Most Current)	<a href="#">PWBA90.TIF</a>
24HR Wind/Wave Forecast VT00Z 18N-62N, E of 157W	<a href="#">PWBE98.TIF</a>
24HR Wind/Wave Forecast VT12Z 18N-62N, E of 157W	<a href="#">PWBE99.TIF</a>
24HR Wind/Wave Forecast (Most Current)	<a href="#">PWBE10.TIF</a>
48HR Wind/Wave Forecast VT00Z 20N-70N, 115W-135E	<a href="#">PJBI98.TIF</a>
48HR Wind/Wave Forecast VT12Z 20N-70N, 115W-135E	<a href="#">PJBI99.TIF</a>
48HR Wind Wave Forecast (Most Current)	<a href="#">PJBI10.TIF</a>
48HR Wave Period/Swell Direction VT00Z 20N-70N, 115W-135E	<a href="#">PJBI88.TIF</a>
@48HR Wave Period/Swell Direction VT12Z 20N-70N, 115W-135E	<a href="#">PJBI89.TIF</a>
48HR Wave Period/Swell Direction (Most Current)	<a href="#">PJBI20.TIF</a>
96HR Wind/Wave Forecast VT12Z 20N-70N, 115W-135E	<a href="#">PJBM98.TIF</a>
96HR Wave Period/Swell Direction VT12Z 20N-70N, 115W-135E	<a href="#">PJBM88.TIF</a>

**SURFACE CHARTS - CENTRAL PACIFIC**

@00Z North Pacific Preliminary Analysis 20N-80N, 110W-110E	xxxxxxx.TIF
@06Z North Pacific Preliminary Analysis 20N-80N, 110W-110E	xxxxxxx.TIF
@12Z North Pacific Preliminary Analysis 20N-80N, 110W-110E	xxxxxxx.TIF
@18Z North Pacific Preliminary Analysis 20N-80N, 110W-110E	xxxxxxx.TIF
@ North Pacific Preliminary Analysis (Most Current)	<a href="#">PYPA00.TIF</a>
00Z Pacific Surface Analysis EQ-50N, 110W-130E	<a href="#">PPBA88.TIF</a>
06Z Pacific Surface Analysis EQ-50N, 110W-130E	<a href="#">PPBA89.TIF</a>
12Z Pacific Surface Analysis EQ-50N, 110W-130E	<a href="#">PPBA90.TIF</a>
18Z Pacific Surface Analysis EQ-50N, 110W-130E	<a href="#">PPBA91.TIF</a>
Pacific Surface Analysis (Most Current)	<a href="#">PPBA11.TIF</a>
00Z Pacific Streamline Analysis 30S-30N, 110W-130E	<a href="#">PWFA90.TIF</a>
06Z Pacific Streamline Analysis 30S-30N, 110W-130E	<a href="#">PWFA91.TIF</a>
12Z Pacific Streamline Analysis 30S-30N, 110W-130E	<a href="#">PWFA92.TIF</a>
18Z Pacific Streamline Analysis 30S-30N, 110W-130E	<a href="#">PWFA93.TIF</a>
Pacific Streamline Analysis (Most Current)	<a href="#">PWFA11.TIF</a>
@\$00Z Tropical Surface Analysis 40S-40N, 100W-120E	xxxxxxx.TIF
@\$06Z Tropical Surface Analysis 40S-40N, 100W-120E	xxxxxxx.TIF
@\$12Z Tropical Surface Analysis 40S-40N, 100W-120E	xxxxxxx.TIF
@\$18Z Tropical Surface Analysis 40S-40N, 100W-120E	xxxxxxx.TIF
@\$ Tropical Surface Analysis (Most Current)	<a href="#">QYFA99.TIF</a>
03Z Significant Cloud Features 30S-50N, 110W-160E	<a href="#">PBFA99.TIF</a>
15Z Significant Cloud Features 30S-50N, 110W-160E	<a href="#">PBFC99.TIF</a>
Significant Cloud Features (Most Current)	<a href="#">PBFA11.TIF</a>
24HR Pacific Surface Forecast VT00Z 30S-50N 110W-130E	<a href="#">PYFE87.TIF</a>
24HR Pacific Surface Forecast VT12Z 30S-50N 110W-130E	<a href="#">PYFE88.TIF</a>
24HR Pacific Surface Forecast (Most Current)	<a href="#">PYFE11.TIF</a>
@\$24HR Wind/Stream Forecast VT00Z 30S-50N, 100W-120E	<a href="#">QWFI99.TIF</a>
@\$48HR Wind/Stream Forecast VT00Z 30S-50N, 100W-120E	<a href="#">QWFO99.TIF</a>
48HR Pacific Surface Forecast VT00Z 30S-50N 110W-130E	<a href="#">PYFI87.TIF</a>
48HR Pacific Surface Forecast VT12Z 30S-50N 110W-130E	<a href="#">PYFI88.TIF</a>
48HR Pacific Surface Forecast (Most Current)	<a href="#">PYFI11.TIF</a>
72HR Pacific Surface Forecast VT00Z 30S-50N 110W-130E	<a href="#">PYFK87.TIF</a>
72HR Pacific Surface Forecast VT12Z 30S-50N 110W-130E	<a href="#">PYFK88.TIF</a>
72HR Pacific Surface Forecast (Most Current)	<a href="#">PYFK11.TIF</a>

\$ These charts will no longer be available sometime after June 20, 2006

**SURFACE CHARTS - SE PACIFIC**

00Z East Pacific Surface Analysis 20S-30N, E of 145W	<a href="#">PYFA96.TIF</a>
06Z East Pacific Surface Analysis 20S-30N, E of 145W	<a href="#">PYFA97.TIF</a>
12Z East Pacific Surface Analysis 20S-30N, E of 145W	<a href="#">PYFA98.TIF</a>
18Z East Pacific Surface Analysis 20S-30N, E of 145W	<a href="#">PYFA99.TIF</a>
East Pacific Surface Analysis Most Current	<a href="#">PYFA90.TIF</a>
@00Z U.S./Tropical Surface Analysis 5S-50N,55W-125W	<a href="#">PYEB86.TIF</a>
@06Z U.S./Tropical Surface Analysis 5S-50N,55W-125W	<a href="#">PYEB87.TIF</a>
@12Z U.S./Tropical Surface Analysis 5S-50N,55W-125W	<a href="#">PYEB85.TIF</a>
@18Z U.S./Tropical Surface Analysis 5S-50N,55W-125W	<a href="#">PYEB88.TIF</a>
@ U.S./Tropical Surface Analysis (Most Current)	<a href="#">PYEB11.TIF</a>
24HR Tropical Surface Forecast VT00,20S-30N,80W-145W	<a href="#">PYFE79.TIF</a>
24HR Tropical Surface Forecast VT12,20S-30N,80W-145W	<a href="#">PYFE80.TIF</a>
24HR Tropical Surface Forecast (Most Current);	<a href="#">PYFE10.TIF</a>
48HR Tropical Surface Forecast VT00,20S-30N,80W-145W	<a href="#">PYFI81.TIF</a>
48HR Tropical Surface Forecast VT12,20S-30N,80W-145W	<a href="#">PYFI82.TIF</a>
48HR Tropical Surface Forecast (Most Current);	<a href="#">PYFI10.TIF</a>
72HR Tropical Surface Forecast VT00,20S-30N,80W-145W	<a href="#">PYFK83.TIF</a>
72HR Tropical Surface Forecast VT12,20S-30N,80W-145W	<a href="#">PYFK84.TIF</a>
72HR Tropical Surface Forecast (Most Current);	<a href="#">PYFK10.TIF</a>

**SURFACE CHARTS - NORTH PACIFIC**

00Z Surface Analysis NE Pacific (Part 1) 20N-70W, 115W-175W	<a href="#">PYBA01.TIF</a>
00Z Surface Analysis NW Pacific (Part 2) 20N-70W, 175W-135E	<a href="#">PYBA02.TIF</a>
06Z Surface Analysis NE Pacific (Part 1) 20N-70W, 115W-175W	<a href="#">PYBA03.TIF</a>
06Z Surface Analysis NW Pacific (Part 2) 20N-70W, 175W-135E	<a href="#">PYBA04.TIF</a>
12Z Surface Analysis NE Pacific (Part 1) 20N-70W, 115W-175W	<a href="#">PYBA05.TIF</a>
12Z Surface Analysis NW Pacific (Part 2) 20N-70W, 175W-135E	<a href="#">PYBA06.TIF</a>
18Z Surface Analysis NE Pacific (Part 1) 20N-70W, 115W-175W	<a href="#">PYBA07.TIF</a>
18Z Surface Analysis NW Pacific (Part 2) 20N-70W, 175W-135E	<a href="#">PYBA08.TIF</a>
Surface Analysis, Part 1 (Most Current)	<a href="#">PYBA90.TIF</a>
Surface Analysis, Part 2 (Most Current)	<a href="#">PYBA91.TIF</a>
@24HR Surface Forecast VT00Z Forecast 18N-62N, E of 157W	<a href="#">PPBE00.TIF</a>
@24HR Surface Forecast VT12Z Forecast 18N-62N, E of 157W	<a href="#">PPBE01.TIF</a>
@24HR Surface Forecast (Most Current)	<a href="#">PPBE10.TIF</a>
48HR Surface Forecast VT00Z 20N-70W, 115W-135E	<a href="#">PWBI98.TIF</a>
48HR Surface Forecast VT12Z 20N-70W, 115W-135E	<a href="#">PWBI99.TIF</a>
48HR Surface Forecast (Most Current)	<a href="#">PWBI10.TIF</a>
96HR Surface Forecast VT12Z 20N-70W, 115W-135E	<a href="#">PWBM99.TIF</a>

**TROPICAL CYCLONE CHARTS - PACIFIC**

72 HR Tropical Cyclone Danger Area VT 03Z 0N-40N, 80W-170E	<a href="#">PWFK03.TIF</a>
72 HR Tropical Cyclone Danger Area VT 09Z 0N-40N, 80W-170E	<a href="#">PWFK09.TIF</a>
72 HR Tropical Cyclone Danger Area VT 15Z 0N-40N, 80W-170E	<a href="#">PWFK15.TIF</a>
72 HR Tropical Cyclone Danger Area VT 21Z 0N-40N, 80W-170E	<a href="#">PWFK21.TIF</a>
72 HR Tropical Cyclone Danger Area (Most Current)	<a href="#">PWFK12.TIF</a>

**SEA SURFACE TEMPERATURE CHARTS**

Pacific SST Chart 55N-EQ, 110W-160E	<a href="#">PTFA88.TIF</a>
-------------------------------------	----------------------------

## **SATELLITE IMAGERY (IR)**

00Z Eastern Pacific Satellite Image	05S-55N, 110W-155E	<a href="#">evpz00.jpg</a>
06Z Eastern Pacific Satellite Image	05S-55N, 110W-155E	<a href="#">evpz06.jpg</a>
12Z Eastern Pacific Satellite Image	05S-55N, 110W-155E	<a href="#">evpz12.jpg</a>
18Z Eastern Pacific Satellite Image	05S-55N, 110W-155E	<a href="#">evpz18.jpg</a>
Eastern Pacific Satellite Image	(Most Current)	<a href="#">evpz11.jpg</a>
00Z Southwest Pacific Satellite Image	40S-05N, 130W-165E	<a href="#">evps00.jpg</a>
06Z Southwest Pacific Satellite Image	40S-05N, 130W-165E	<a href="#">evps06.jpg</a>
12Z Southwest Pacific Satellite Image	40S-05N, 130W-165E	<a href="#">evps12.jpg</a>
18Z Southwest Pacific Satellite Image	40S-05N, 130W-165E	<a href="#">evps18.jpg</a>
Southwest Pacific Satellite Image	(Most Current)	<a href="#">evps11.jpg</a>
@00Z Tropical East Pacific Satellite Image	20S-40N,E of 145W	<a href="#">evpn02.jpg</a>
06Z Tropical East Pacific Satellite Image	20S-40N,E of 145W	<a href="#">evpn07.jpg</a>
@12Z Tropical East Pacific Satellite Image	20S-40N,E of 145W	<a href="#">evpn04.jpg</a>
18Z Tropical East Pacific Satellite Image	20S-40N,E of 145W	<a href="#">evpn08.jpg</a>
Tropical East Pacific Satellite Image	(MOST CURRENT)	<a href="#">evpn10.jpg</a>
@00Z Pacific Satellite Image	05N-55N, E of 180W	<a href="#">evpn01.jpg</a>
06Z Pacific Satellite Image	05N-55N, E of 180W	<a href="#">evpn06.jpg</a>
@12Z Pacific Satellite Image	05N-55N, E of 180W	<a href="#">evpn12.jpg</a>
18Z Pacific Satellite Image	05N-55N, E of 180W	<a href="#">evpn18.jpg</a>
Pacific Satellite Image	(MOST CURRENT)	<a href="#">evpn99.jpg</a>

## **SCHEDULE INFORMATION**

Radiofax Schedule (Honolulu, HI) Part I	<a href="#">PLBZ07.TIF</a>
Radiofax Schedule (Honolulu, HI) Part II	<a href="#">PLBZ09.TIF</a>
Radiofax Schedule (DOS Text Version)	<a href="#">hfhi.txt</a>
Test/Map Symbols/General Notice	<a href="#">PLBZ08.TIF</a>
Internet File Names (This file)	<a href="#">rfaxhi.txt</a>

@ Not transmitted via Honolulu radiofax but listed here for convenience

**NATIONAL WEATHER SERVICE MARINE TEXT PRODUCTS**  
**HIGHSEAS, FORECAST DISCUSSION, OFFSHORE, NAVTEX, and OPEN LAKE PRODUCTS**

Example:

-In plain text format-

Send an e-mail to: ftpmail@ftpmail.nws.noaa.gov  
Subject Line: Put anything you like  
Body: open  
cd data  
cd forecasts  
cd marine  
cd high\_seas  
get north\_pacific.txt  
get north\_atlantic.txt  
quit

**HIGH SEAS FORECASTS**

These files may be found in directories:

ftp://tgftp.nws.noaa.gov/data/forecasts/marine/high\_seas/  
http://weather.noaa.gov/pub/data/forecasts/marine/high\_seas/

PRODUCT DESCRIPTION

FILE NAME

Northwest Atlantic Highseas (GMDSS Area IV)	<a href="#">north_atlantic.txt</a>
Northeast Pacific Highseas (GMDSS Area XII)	<a href="#">north_pacific.txt</a>
Peru Highseas (GMDSS Area XVI)	<a href="#">east_pacific 3.txt</a>
25S-0N, 160E-120W South Central Pacific	<a href="#">south_hawaii.txt</a>
30-60N, east of 160 E (p/o NE Pacific)	<a href="#">east_pacific 1.txt</a>
0-30N, E of 140W (p/o NE Pacific)	<a href="#">east_pacific 2.txt</a>
0-30N, 160E-140W (p/o NE Pacific)	<a href="#">north_hawaii.txt</a>



## FORECAST DISCUSSION

These files may be found in directories:  
ftp://tgftp.nws.noaa.gov/data/raw/ag/ http://  
weather.noaa.gov/pub/data/raw/ag/

Example:

-In plain text format-

Send an e-mail to: ftpmail@ftpmail.nws.noaa.gov  
Subject Line: Put anything you like  
Body: open  
cd data  
cd raw  
cd ag  
get agnt40.kWnm.mim.atn.txt  
quit

PRODUCT DESCRIPTION	FILE NAME
Northwest Atlantic	<a href="#">agnt40.kWnm.mim.atn.txt</a>
Northeast Pacific	<a href="#">agpn40.kWnm.mim.pac.txt</a>
Gulf, Caribbean Sea & SW N. Atlantic	<a href="#">agxx40.knhc.mim.ats.txt</a>

Note...these Forecast Discussions are primarily intended for use by forecasters and make heavy use of abbreviations. A glossary is not available.

## OFFSHORE FORECASTS

These files may be found in directories:  
ftp://tgftp.nws.noaa.gov/data/raw/fz/  
http://weather.noaa.gov/pub/data/raw/fz/

Example:

-In plain text format-

Send an e-mail to: ftpmail@ftpmail.nws.noaa.gov  
Subject Line: Put anything you like  
Body: open  
cd data  
cd raw  
cd fz  
get fznt21.kWbc.off.nt1.txt  
quit

PRODUCT DESCRIPTION	FILE NAME
New England	<a href="#">fznt21.kWbc.off.nt1.txt</a>
Short version for radio broadcast	<a href="#">fznt33.kWbc.off.n31.txt</a>
Mid-Atlantic	<a href="#">fznt22.kWbc.off.nt2.txt</a>
Short version for radio broadcast	<a href="#">fznt34.kWbc.off.n32.txt</a>
SW North Atlantic, Caribbean	<a href="#">fznt23.knhc.off.nt3.txt</a>

Short version for radio broadcast Gulf of Mexico	<a href="#">fznt31.knhc.off.n20.txt</a> <a href="#">fznt24.knhc.off.nt4.txt</a>
Short version for radio broadcast* Washington, Oregon	<a href="#">fznt32.knhc.off.n21.txt</a> <a href="#">fzpn25.kWbc.off.pz5.txt</a>
Short version for radio broadcast California	<a href="#">fzpn35.kWbc.off.n35.txt</a> <a href="#">fzpn26.kWbc.off.pz6.txt</a>
Short version for radio broadcast Eastern Gulf of Alaska	<a href="#">fzpn36.kWbc.off.n36.txt</a> <a href="#">fzak67.pajk.off.ajk.txt</a>
Western Gulf of Alaska	<a href="#">fzak61.pafc.off.aer.txt</a>
Bering Sea	<a href="#">fzak62.pafc.off.alu.txt</a>
U.S. Arctic (Experimental)	<a href="#">fzak69.pafg.off.afg.txt</a>
Hawaii	<a href="#">fzhw60.phfo.off.hfo.txt</a>

### NAVTEX FORECASTS

For offshore areas, NAVTEX forecasts can also be utilized which are similar to offshore forecasts and may contain supplementary information at times for coastal areas.

These files may be found in directories:

ftp://tgftp.nws.noaa.gov/data/raw/fz/  
http://weather.noaa.gov/pub/data/raw/fz/

Example:

```
-In plain text format-
Send an e-mail to:      ftpmail@ftpmail.nws.noaa.gov
Subject Line:          Put anything you like
Body:                  open
                        cd data
                        cd raw
                        cd fz
                        get fznt23.kWnm.off.n01.txt
                        quit
```

### NAVTEX FORECASTS

These files may be found in directory:

ftp://tgftp.nws.noaa.gov/data/raw/fz/

Example:

```
Send an e-mail to:      ftpmail@ftpmail.nws.noaa.gov
Subject Line:          Put anything you like
Body:                  open
                        cd data
                        cd raw
                        cd fz
                        get fznt23.kWnm.off.n01.txt
                        quit
```

### PRODUCT DESCRIPTION

### FILE NAME

NAVTEX Boston, MA	<a href="#">fznt23.kWnm.off.n01.txt</a>
NAVTEX Chesapeake, VA	<a href="#">fznt24.kWnm.off.n02.txt</a>
NAVTEX Charleston, SC	<a href="#">fznt25.kWnm.off.n03.txt</a>
NAVTEX Miami, FL	<a href="#">fznt25.knhc.off.n04.txt</a>

NAVTEX San Juan, PR	<a href="#">fznt26.knhc.off.n05.txt</a>
NAVTEX New Orleans, LA	<a href="#">fznt27.knhc.off.n06.txt</a>
NAVTEX Astoria, OR	<a href="#">fzpn24.kWnm.off.n09.txt</a>
NAVTEX Pt. Reyes, CA	<a href="#">fzpn23.kWnm.off.n08.txt</a>
NAVTEX Cambria, CA	<a href="#">fzpn22.kWnm.off.n07.txt</a>
NAVTEX Honolulu, HI	<a href="#">fzhw61.phfo.off.n10.txt</a>
NAVTEX Kodiak, (SE) AK	<a href="#">fzak61.pajk.off.n11.txt</a>
NAVTEX Kodiak, (N Gulf) AK	<a href="#">fzak63.pafc.off.n12.txt</a>
NAVTEX Kodiak, (W) AK	<a href="#">fzak64.pafc.off.n13.txt</a>
NAVTEX Kodiak, (NW and Artic) AK	<a href="#">fzak69.pafg.off.n14.txt</a>

#### OPEN LAKE FORECASTS

These files may be found in directories:

<ftp://tgftp.nws.noaa.gov/data/raw/fz/>

<http://weather.noaa.gov/pub/data/raw/fz/>

Example:

-In plain text format-

Send an e-mail to: [ftpmail@ftpmail.nws.noaa.gov](mailto:ftpmail@ftpmail.nws.noaa.gov)

Subject Line: Put anything you like

Body: open  
 cd data  
 cd raw  
 cd fz  
 get fzus61.kbuf.glf.sl.txt  
 quit

PRODUCT DESCRIPTION

FILE NAME

St. Lawrence	<a href="#">fzus61.kbuf.glf.sl.txt</a>
Lake Ontario	<a href="#">fzus61.kbuf.glf.lo.txt</a>
Lake Erie	<a href="#">fzus61.kcle.glf.le.txt</a>
Lake St. Clair	<a href="#">fzus63.kdtx.glf.sc.txt</a>
Lake Huron	<a href="#">fzus63.kdtx.glf.lh.txt</a>
Lake Michigan	<a href="#">fzus63.klot.glf.lm.txt</a>
Lake Superior	<a href="#">fzus63.kmqt.glf.ls.txt</a>

NATIONAL WEATHER SERVICE MARINE TEXT PRODUCTS  
HURRICANE PRODUCTS

-In plain text format-

Send an e-mail to: ftpmail@ftpmail.nws.noaa.gov  
Subject Line: Put anything you like  
Body: open  
cd data  
cd hurricane\_products  
cd atlantic  
cd weather  
get outlook.txt  
cd /data  
cd hurricane\_products  
cd atlantic  
cd storm\_2  
get technical\_advisory.txt  
quit

**ATLANTIC HURRICANE PRODUCTS**

These files may be found in directories:

ftp://tgftp.nws.noaa.gov/data/hurricane\_products/atlantic

http://weather.noaa.gov/pub/data/hurricane\_products/atlantic

PRODUCT DESCRIPTION

FILE NAME

Tropical WX Outlook	<a href="/weather/outlook.txt">/weather/outlook.txt</a>
Tropical WX Discussion	<a href="/weather/discussion.txt">/weather/discussion.txt</a>
Tropical WX Summary	<a href="/weather/summary.txt">/weather/summary.txt</a>
Tropical WX Disturbance Stmt	<a href="/weather/advisory.txt">/weather/advisory.txt</a>
Tropical Cyclone Update Storm #1)	<a href="/storm_1/update.txt">/storm_1/update.txt</a>
Tropical Cyclone Update 2)	<a href="/storm_2/update.txt">/storm_2/update.txt</a>
Tropical Cyclone Update	<a href="/storm_3/update.txt">/storm_3/update.txt</a>
Tropical Cyclone Update (Storm #4)	<a href="/storm_4/update.txt">/storm_4/update.txt</a>
Tropical Cyclone Update	<a href="/storm_5/update.txt">/storm_5/update.txt</a>
Tropical Cyclone Discussion (Storm #1)	<a href="/storm_1/discussion.txt">/storm_1/discussion.txt</a>
Tropical Cyclone Discussion (Storm #2)	<a href="/storm_2/discussion.txt">/storm_2/discussion.txt</a>
Tropical Cyclone Discussion (Storm #3)	<a href="/storm_3/discussion.txt">/storm_3/discussion.txt</a>
Tropical Cyclone Discussion (Storm #4)	<a href="/storm_4/discussion.txt">/storm_4/discussion.txt</a>
Tropical Cyclone Discussion (Storm #5)	<a href="/storm_5/discussion.txt">/storm_5/discussion.txt</a>
Public Advisory (Storm #1)	<a href="/storm_1/advisory.txt">/storm_1/advisory.txt</a>
Public Advisory (Storm #2)	<a href="/storm_2/advisory.txt">/storm_2/advisory.txt</a>
Public Advisory (Storm #3)	<a href="/storm_3/advisory.txt">/storm_3/advisory.txt</a>
Public Advisory (Storm #4)	<a href="/storm_4/advisory.txt">/storm_4/advisory.txt</a>
Public Advisory (Storm #5)	<a href="/storm_5/advisory.txt">/storm_5/advisory.txt</a>
Tropical Depression Forecast (Storm #1)	<a href="/storm_1/technical_advisory.txt">/storm_1/technical_advisory.txt</a>
Tropical Depression Forecast (Storm #2)	<a href="/storm_2/technical_advisory.txt">/storm_2/technical_advisory.txt</a>
Tropical Depression Forecast (Storm #3)	<a href="/storm_3/technical_advisory.txt">/storm_3/technical_advisory.txt</a>
Tropical Depression Forecast (Storm #4)	<a href="/storm_4/technical_advisory.txt">/storm_4/technical_advisory.txt</a>
Tropical Depression Forecast (Storm #5)	<a href="/storm_5/technical_advisory.txt">/storm_5/technical_advisory.txt</a>
Hurricane Probabilities (Storm #1)	<a href="/storm_1/strike_probability.txt">/storm_1/strike_probability.txt</a>
Hurricane Probabilities (Storm #2)	<a href="/storm_2/strike_probability.txt">/storm_2/strike_probability.txt</a>
Hurricane Probabilities (Storm #3)	<a href="/storm_3/strike_probability.txt">/storm_3/strike_probability.txt</a>
Hurricane Probabilities (Storm #4)	<a href="/storm_4/strike_probability.txt">/storm_4/strike_probability.txt</a>
Hurricane Probabilities (Storm #5)	<a href="/storm_5/strike_probability.txt">/storm_5/strike_probability.txt</a>
RECON Plan	TBD

\*Recommended products for mariners

Atlantic Tropical Weather Outlook normally issued 0300Z, 0900Z, 1500Z and 2100Z during hurricane season, June 1 - November 30. Remaining products issued when active systems exist. May be issued at 3-hourly intervals and other unscheduled times as system approaches landfall.

## EASTERN PACIFIC HURRICANE PRODUCTS

These files may be found in directories:

[ftp://tgftp.nws.noaa.gov/data/hurricane\\_products/eastern\\_pacific](ftp://tgftp.nws.noaa.gov/data/hurricane_products/eastern_pacific)

[http://weather.noaa.gov/pub/data/hurricane\\_products/eastern\\_pacific](http://weather.noaa.gov/pub/data/hurricane_products/eastern_pacific)

PRODUCT DESCRIPTION	FILE NAME
Tropical WX Outlook	<a href="#">/weather/outlook.txt</a>
Tropical WX Discussion	<a href="#">/weather/discussion.txt</a>
Tropical WX Summary	<a href="#">/weather/summary.txt</a>
Tropical WX Disturbance Stmt	<a href="#">/weather/advisory.txt</a>
Tropical Cyclone Update (Storm #1)	<a href="#">/storm 1/update.txt</a>
Tropical Cyclone Update (Storm #2)	<a href="#">/storm 2/update.txt</a>
Tropical Cyclone Update (Storm #3)	<a href="#">/storm 3/update.txt</a>
Tropical Cyclone Update (Storm #4)	<a href="#">/storm 4/update.txt</a>
Tropical Cyclone Update (Storm #5)	<a href="#">/storm 5/update.txt</a>
Tropical Cyclone Discussion (Storm #1)	<a href="#">/storm 1/discussion.txt</a>
Tropical Cyclone Discussion (Storm #2)	<a href="#">/storm 2/discussion.txt</a>
Tropical Cyclone Discussion (Storm #3)	<a href="#">/storm 3/discussion.txt</a>
Tropical Cyclone Discussion (Storm #4)	<a href="#">/storm 4/discussion.txt</a>
Tropical Cyclone Discussion (Storm #5)	<a href="#">/storm 5/discussion.txt</a>
Public Advisory (Storm #1)	<a href="#">/storm 1/advisory.txt</a>
Public Advisory (Storm #2)	<a href="#">/storm 2/advisory.txt</a>
Public Advisory (Storm #3)	<a href="#">/storm 3/advisory.txt</a>
Public Advisory (Storm #4)	<a href="#">/storm 4/advisory.txt</a>
Public Advisory (Storm #5)	<a href="#">/storm 5/advisory.txt</a>
Tropical Depression Forecast (Storm #1)	<a href="#">/storm 1/technical advisory.txt</a>
Tropical Depression Forecast (Storm #2)	<a href="#">/storm 2/technical advisory.txt</a>
Tropical Depression Forecast (Storm #3)	<a href="#">/storm 3/technical advisory.txt</a>
Tropical Depression Forecast (Storm #4)	<a href="#">/storm 4/technical advisory.txt</a>
Tropical Depression Forecast (Storm #5)	<a href="#">/storm 5/technical advisory.txt</a>
RECON Plan	TBD

\*Recommended products for mariners

Eastern Pacific Tropical Weather Outlook normally issued 0300Z, 0900Z, 1500Z and 2100Z during hurricane season, May 15 - November 30.

Remaining products issued when active systems exist. May be issued at 3-hourly intervals and other unscheduled times as system approaches landfall.

## CENTRAL PACIFIC HURRICANE PRODUCTS

These files may be found in directory:  
ftp://tgftp.nws.noaa.gov/data/hurricane\_products/central\_pacific

PRODUCT DESCRIPTION	FILE NAME
Tropical WX Outlook	<a href="#">/weather/outlook.txt</a>
Tropical WX Discussion	(discontinued)
Tropical WX Summary	<a href="#">/weather/summary.txt</a>
Tropical WX Disturbance Stmt	<a href="#">/weather/advisory.txt</a>
Tropical Cyclone Update (Storm #1)	<a href="#">/storm 1/update.txt</a>
Tropical Cyclone Update (Storm #2)	<a href="#">/storm 2/update.txt</a>
Tropical Cyclone Update (Storm #3)	<a href="#">/storm 3/update.txt</a>
Tropical Cyclone Update (Storm #4)	<a href="#">/storm 4/update.txt</a>
Tropical Cyclone Update (Storm #5)	<a href="#">/storm 5/update.txt</a>
Tropical Cyclone Discussion (Storm #1)	<a href="#">/storm 1/discussion.txt</a>
Tropical Cyclone Discussion (Storm #2)	<a href="#">/storm 2/discussion.txt</a>
Tropical Cyclone Discussion (Storm #3)	<a href="#">/storm 3/discussion.txt</a>
Tropical Cyclone Discussion (Storm #4)	<a href="#">/storm 4/discussion.txt</a>
Tropical Cyclone Discussion (Storm #5)	<a href="#">/storm 5/discussion.txt</a>
Public Advisory (Storm #1)	<a href="#">/storm 1/advisory.txt</a>
Public Advisory (Storm #2)	<a href="#">/storm 2/advisory.txt</a>
Public Advisory (Storm #3)	<a href="#">/storm 3/advisory.txt</a>
Public Advisory (Storm #4)	<a href="#">/storm 4/advisory.txt</a>
Public Advisory (Storm #5)	<a href="#">/storm 5/advisory.txt</a>
Tropical Depression Forecast (Storm #1)	<a href="#">/storm 1/technical advisory.txt</a>
Tropical Depression Forecast (Storm #2)	<a href="#">/storm 2/technical advisory.txt</a>
Tropical Depression Forecast (Storm #3)	<a href="#">/storm 3/technical advisory.txt</a>
Tropical Depression Forecast (Storm #4)	<a href="#">/storm 4/technical advisory.txt</a>
Tropical Depression Forecast (Storm #5)	<a href="#">/storm 5/technical advisory.txt</a>

RECON PLAN

TB

\*Recommended products for mariners

Central Pacific Tropical Weather Outlook normally issued 0300Z, 0900Z, 1500Z and 2100Z during hurricane season, June 1 - November 30. Remaining products issued when active systems exist. May be issued at 3-hourly intervals and other unscheduled times as system approaches landfall.

## WESTERN PACIFIC HURRICANE PRODUCTS (NOAA)

These files may be found in directories:  
ftp://tgftp.nws.noaa.gov/data/raw/wt  
http://weather.noaa.gov/pub/data/raw/wt

Example:

-In plain text format-

Send an e-mail to: ftpmail@ftpmail.nws.noaa.gov  
Subject Line: Put anything you like  
Body: open  
cd data  
cd raw  
cd wt  
  
get wtpq31.pgum.tcp.pq1.txt  
quit

PRODUCT DESCRIPTION

FILE NAME

Public Advisory (Storm #1)	<a href="#">/wtpq31.pgum.tcp.pq1.txt</a>
Public Advisory (Storm #2)	<a href="#">/wtpq32.pgum.tcp.pq2.txt</a>
Public Advisory (Storm #3)	<a href="#">/wtpq33.pgum.tcp.pq3.txt</a>
Public Advisory (Storm #4)	<a href="#">/wtpq34.pgum.tcp.pq4.txt</a>
Public Advisory (Storm #5)	<a href="#">/wtpq35.pgum.tcp.pq5.txt</a>

These products may only contain information on cyclones with potential landfalls in U.S. areas. See NAVY products below for additional information.

**WESTERN PACIFIC HURRICANE PRODUCTS (NAVY)**

These files may be found in directories:  
ftp://tgftp.nws.noaa.gov/data/raw/wt  
http://weather.noaa.gov/pub/data/raw/wt

Example:

-In plain text format-

Send an e-mail to: ftpmail@ftpmail.nws.noaa.gov  
Subject Line: Put anything you like  
Body: open

```
cd data
cd raw
cd wt
get wtpn21.pgtw..txt
quit
```

PRODUCT DESCRIPTION	FILE NAME
NW Pacific Tropical Cyclone Formation Alert Storm #1	<a href="#">/wtpn21.pgtw..txt</a>
NW Pacific Tropical Cyclone Formation Alert Storm #2	<a href="#">/wtpn22.pgtw..txt</a>
NW Pacific Tropical Cyclone Formation Alert Storm #2	<a href="#">/wtpn23.pgtw..txt</a>
NW Pacific Tropical Cyclone Formation Alert Storm #4	<a href="#">/wtpn24.pgtw..txt</a>
NW Pacific Tropical Cyclone Formation Alert Storm #5	<a href="#">/wtpn25.pgtw..txt</a>
SW Pacific Tropical Cyclone Formation Alert Storm #1	<a href="#">/wtps21.pgtw..txt</a>
SW Pacific Tropical Cyclone Formation Alert Storm #2	<a href="#">/wtps22.pgtw..txt</a>
SW Pacific Tropical Cyclone Formation Alert Storm #3	<a href="#">/wtps23.pgtw..txt</a>
SW Pacific Tropical Cyclone Formation Alert Storm #4	<a href="#">/wtps24.pgtw..txt</a>
SW Pacific Trocical Cyclone Formation Alert Storm #5	<a href="#">/wtps25.pgtw..txt</a>
NW Pacific Tropical Cyclone Warning Storm #1	<a href="#">/wtpn31.pgtw..txt</a>
NW Pacific Tropical Cyclone Warning Storm #2	<a href="#">/wtpn32.pgtw..txt</a>
NW Pacific Tropical Cyclone Warning Storm #3	<a href="#">/wtpn33.pgtw..txt</a>
NW Pacific Tropical Cyclone Warning Storm #4	<a href="#">/wtpn34.pgtw..txt</a>
NW Pacific Tropical Cyclone Warning Storm #5	<a href="#">/wtpn35.pgtw..txt</a>
SW Pacific Tropical Cyclone Warning Storm #1	<a href="#">/wtps31.pgtw..txt</a>
SW Pacific Tropical Cyclone Warning Storm #2	<a href="#">/wtps32.pgtw..txt</a>
SW Pacific Tropical Cyclone Warning Storm #3	<a href="#">/wtps33.pgtw..txt</a>
SW Pacific Tropical Cyclone Warning Storm #4	<a href="#">/wtps34.pgtw..txt</a>
SW Pacific Tropical Cyclone Warning Storm #5	<a href="#">/wtps35.pgtw..txt</a>



**NATIONAL WEATHER SERVICE MARINE TEXT PRODUCTS**  
**COASTAL and NEARSHORE MARINE FORECASTS**

**COASTAL and NEARSHORE MARINE FORECASTS**

These files may be found in directories: <ftp://tgftp.nws.noaa.gov/data/raw/fz>  
<http://weather.noaa.gov/pub/data/raw/fz>

-In plain text format-

Send an e-mail to: [ftpmail@ftpmail.nws.noaa.gov](mailto:ftpmail@ftpmail.nws.noaa.gov)  
Subject Line: Put anything you like  
Body: open  
cd data  
cd raw  
cd fz  
get fzus56.kmtr.cwf.mtr.txt  
quit

PRODUCT DESCRIPTION	FILE NAME
Caribou, ME	<a href="#">fzus51.kcar.cwf.car.txt</a>
Gray, ME	<a href="#">fzus51.kgyx.cwf.gyx.txt</a>
Taunton, MA	<a href="#">fzus51.kbox.cwf.box.txt</a>
New York, NY	<a href="#">fzus51.kokx.cwf.okx.txt</a>
Philadelphia, PA	<a href="#">fzus51.kphi.cwf.phi.txt</a>
Washington, DC	<a href="#">fzus51.klwx.cwf.lwx.txt</a>
Wakefield, VA	<a href="#">fzus51.kakq.cwf.akq.txt</a>
Newport/Morehead City, NC	<a href="#">fzus52.kmhx.cwf.mhx.txt</a>
Wilmington, NC	<a href="#">fzus52.kilm.cwf.ilm.txt</a>
Charleston, SC	<a href="#">fzus52.kchs.cwf.chs.txt</a>
Jacksonville, FL	<a href="#">fzus52.kjax.cwf.jax.txt</a>
Melbourne, FL	<a href="#">fzus52.kmlb.cwf.mlb.txt</a>
Miami, FL	<a href="#">fzus52.kmfl.cwf.mfl.txt</a>
Key West, FL	<a href="#">fzus52.kkey.cwf.key.txt</a>
San Juan, PR	<a href="#">fzca52.tjsj.cwf.sju.txt</a>
San Juan, PR (Spanish)	<a href="#">fzca52.tjsj.cwf.spn.txt</a>
Tampa, FL	<a href="#">fzus52.ktbw.cwf.tbw.txt</a>
Tallahasee, FL	<a href="#">fzus52.ktae.cwf.tae.txt</a>
Mobile, AL	<a href="#">fzus54.kmob.cwf.mob.txt</a>
New Orleans, LA	<a href="#">fzus54.klix.cwf.lix.txt</a>
Lake Charles, LA	<a href="#">fzus54.klch.cwf.lch.txt</a>
Houston/Galveston, TX	<a href="#">fzus54.khgx.cwf.hgx.txt</a>
Corpus Christi, TX	<a href="#">fzus54.kcrp.cwf.crp.txt</a>
Brownsville, TX	<a href="#">fzus54.kbro.cwf.bro.txt</a>
Seattle, WA	<a href="#">fzus56.ksew.cwf.sew.txt</a>
Portland, OR	<a href="#">fzus56.kpqr.cwf.pqr.txt</a>
Medford, OR	<a href="#">fzus56.kmfr.cwf.mfr.txt</a>
Eureka, CA	<a href="#">fzus56.keka.cwf.eka.txt</a>
San Francisco, CA	<a href="#">fzus56.kmtr.cwf.mtr.txt</a>
Los Angeles, CA	<a href="#">fzus56.klox.cwf.lox.txt</a>
San Diego, CA	<a href="#">fzus56.ksgx.cwf.sgx.txt</a>
Hawaii	<a href="#">fzhw50.phfo.cwf.hfo.txt</a>
Hawaii (Generalized)	<a href="#">fzhw50.phfo.cwf.hfo.txt</a>
Marianas (Guam)	<a href="#">fzmy50.pgum.cwf.my.txt</a>
East Micronesia	<a href="#">fzpq51.pgum.cwf.pq1.txt</a>
West Micronesia	<a href="#">fzpq52.pgum.cwf.pq2.txt</a>
Samoa	<a href="#">fzss50.nstu.cwf.ppg.txt</a>
Buffalo, NY	<a href="#">fzus51.kbuf.nsh.buf.txt</a>

Cleveland,OH	<a href="#">fzus51.kcle.nsh.cle.txt</a>
Detroit/Pontiac,MI	<a href="#">fzus53.kdtx.nsh.dtx.txt</a>
Gaylord, MI	<a href="#">fzus53.kapx.nsh.apx.txt</a>
Grand Rapids,MI	<a href="#">fzus53.kgrr.nsh.grr.txt</a>
Northern Indiana, IN	<a href="#">fzus53.kiwx.nsh.ixw.txt</a>
Chicago,IL	<a href="#">fzus53.klot.nsh.lot.txt</a>
Milwaukee/Sullivan,WI	<a href="#">fzus53.kmkx.nsh.mkx.txt</a>
Green Bay,WI	<a href="#">fzus53.kgrb.nsh.grb.txt</a>
Marquette,MI	<a href="#">fzus53.kmqt.nsh.mqt.txt</a>
Duluth,MN	<a href="#">fzus53.kdlh.nsh.dlh.txt</a>
AK, SE Inner Coastal Waters	<a href="#">fzak51.pajk.cwf.ajk.txt</a>
AK, SE Outside Coastal Waters	<a href="#">fzak52.pajk.cwf.aeg.txt</a>
AK, Yakutat Bay	<a href="#">fzak57.paya.cwf.yak.txt</a>
AK, North Gulf Coast and Kodiak	<a href="#">fzak51.pafc.cwf.aer.txt</a>
AK, Valdez Arm and Narrows	<a href="#">fzak58.pavw.cwf.vws.txt</a>
AK, Chiniak and Marmot Bays	<a href="#">fzak58.padq.cwf.adq.txt</a>
Southwest AK and the Aleutians	<a href="#">fzak52.pafc.cwf.alu.txt</a>
Western AK	<a href="#">fzak52.pafg.cwf.wcz.txt</a>
Arctic Coast	<a href="#">fzak51.pafg.cwf.nsb.txt</a>
Sea Ice Advisory West & Arctic AK	<a href="#">fzak80.pafc.ice.afc.txt</a>

## Marine Forecasts and Related Information Available via E-mail

National Weather Service (and other) marine forecasts are available via a variety of Government, University, Commercial and Public/Freeware systems intended to make information accessible to users such as mariners who may have an e-mail capability but do not have direct Internet access. The following is a listing of several known automated systems.

Note: Any reference to any product or service does not imply any endorsement by the National Weather Service as to function or suitability for your purpose or environment.

This document (<http://weather.noaa.gov/pub/fax/robots.txt>) may be retrieved via e-mail as follows:

-In plain text format-

Send an e-mail to: [ftpmail@ftpmail.nws.noaa.gov](mailto:ftpmail@ftpmail.nws.noaa.gov)  
Subject line: Put anything you like  
Body: open  
cd fax  
get robots.txt  
quit

>>>>FTPMAIL<<<<

National Weather Service marine text forecasts and radiofax charts are available via e-mail via an FTPMAIL server. Further, FTPMAIL may be used to acquire any file on the [tgftp.nws.noaa.gov](http://tgftp.nws.noaa.gov) FTP server. The FTPMAIL server is intended to allow Internet access for mariners and other users who do not have direct access to the World Wide Web but who are equipped with an e-mail system. Turnaround is generally less than one hour, however, performance may vary widely and receipt cannot be guaranteed. To get started in using the NWS FTPMAIL service, follow these simple directions to obtain the FTPMAIL "help" file (11 KBytes), or see <http://weather.noaa.gov/pub/fax/ftpmail.txt>

-In plain text format-

Send an e-mail to: [ftpmail@ftpmail.nws.noaa.gov](mailto:ftpmail@ftpmail.nws.noaa.gov)  
Subject line: Put anything you like  
Body: help

>>>>NOAA/NWS Products Not Available via FTPMAIL<<<<

Not all NWS forecast products are available via FTP and therefore accessible via FTPMAIL such as worldwide computer generated model forecasts which include areas beyond the area of U.S. forecasting responsibility such as the Indian Ocean and South Atlantic.

(1)To retrieve Wave Watch III  
([http://polar.ncep.noaa.gov/waves/product\\_table.shtml?-multi\\_1-](http://polar.ncep.noaa.gov/waves/product_table.shtml?-multi_1-))  
and other forecasts via e-mail, use one of the www-to-email systems such as SAILDOCS or OTHERS described below. Be aware computer generated products from forecast models are not reviewed by forecasters and are therefore subject to error. E.G. per the Wave Watch III webpage:

URLs =

[http://polar.ncep.noaa.gov/waves/WEB\\_P/www.latest\\_run/plots/xxxx.yyyy.zzzz.png](http://polar.ncep.noaa.gov/waves/WEB_P/www.latest_run/plots/xxxx.yyyy.zzzz.png)

e.g. 24hr Wind Speed and Direction Forecast for NE Atlantic =

[http://polar.ncep.noaa.gov/waves/WEB\\_P/multi\\_1.latest\\_run/plots/NE\\_atlantic.u10.f024h.png](http://polar.ncep.noaa.gov/waves/WEB_P/multi_1.latest_run/plots/NE_atlantic.u10.f024h.png)

where www =

"multi_1"	GFS Model
"multi_2"	GFS Hurricane Model
"glw"	Great Lakes NAM Model
"glwn"	Great Lakes NDFD Model

where xxxx =

"atlantic"	Atlantic Ocean
"pacific"	Pacific Ocean
"indian_o"	Indian Ocean
"NE_atlantic"	NE Atlantic
"NW_atlantic"	NW Atlantic
"US_eastcoast"	US East Coast
"NE_pacific"	NE Pacific
"alaska"	Alaskan Waters
"aus_ind_phi"	Australia-Indonesia
"gmex"	Gulf of Mexico
"US_keywest"	Key West
"US_puertorico"	Puerto Rico
"US_wc_zm1"	US West Coast Zoom 1
"US_wc_zm2"	US West Coast Zoom 2
"hawaii"	Hawaii
"grl"	Great Lakes Region
"erie"	Lake Erie
"huron"	Lake Huron
"michigan"	Lake Michigan
"ontario"	Lake Ontario
"superior"	Lake Superior

where "yyyy" =

"hs" Significant Wave Height  
"hs\_ws" Wind Sea Wave Height  
"sw1" Primary Swell Wave Height  
"sw2" Secondary Swell Wave Height  
"u10" Wind Speed and Direction  
"tp" Peak Wave Period  
"tp\_ws" Wind Sea Period  
"tp\_ws1" Primary Swell Period  
"tp\_ws2" Secondary Swell Period

where "zzzz" = "h006h." or "h000" (multiples of 3 hours) for hindcasts  
where "zzzz" = "f006h" to "f180" for forecasts

\*\*\*\* Important Note\*\*\*\*

The Atlantic RTOFS model data immediately below is under an on-going operational upgrade. Use the Global RTOFS model as an alternative, (documented further below).

(2) And similarly, to retrieve sea surface temperature and surface current forecasts from NOAA's for Real-Time Ocean Forecast System-Atlantic (<http://polar.ncep.noaa.gov/ofs/>)

URLs =

[http://polar.ncep.noaa.gov/ofs/aofs\\_images/large/aofs\\_zzzz\\_yyyy\\_xxxx.png](http://polar.ncep.noaa.gov/ofs/aofs_images/large/aofs_zzzz_yyyy_xxxx.png)

e.g.

[http://polar.ncep.noaa.gov/ofs/aofs\\_images/large/aofs\\_cur\\_f120\\_wnatlzoom.png](http://polar.ncep.noaa.gov/ofs/aofs_images/large/aofs_cur_f120_wnatlzoom.png)

where xxxx =

"natl" North Atlantic  
"wnatl" Western North Atlantic  
"wnatlzoom" Western North Atlantic zoom  
"hurr" Gulf of Mexico

where yyyy =

"nowcast", "f024", "f048", "f072", "f096" "f120" or "144"

where "zzz" =

"sst" Sea Surface Temperature (°C)  
"cur" Surface Current (magnitude m/sec)

\*\*\*\* Important Note\*\*\*\*

The Atlantic RTOFS model data immediately above is under an on-going operational upgrade. Use the Global RTOFS model immediately below as an alternative, see

<http://polar.ncep.noaa.gov/global/nc/>

(3) To retrieve sea surface temperature and surface current forecasts from NOAA's for Global Real-Time Ocean Forecast System (<http://polar.ncep.noaa.gov/global/nc/>)

URLs =  
http://polar.ncep.noaa.gov/global/nc/images/large/rtofs\_zzzz\_yyyy\_xxxx\_000.png  
e.g.  
http://polar.ncep.noaa.gov/global/nc/images/large/rtofs\_natl\_curr\_f120\_000.png

where "zzzz" =

"global"	Global
"arctic"	Arctic
"eqpac"	Equatorial Pacific
"eqatl"	Equatorial Atlantic
"indian"	Indian Ocean
"med"	Mediterranean Sea
"natl"	North Atlantic
"npac"	North Pacific
"satl"	North Atlantic
"spac"	North Pacific
"southern"	Southern Ocean
"agulhas"	Agulhas Current
"gulfstream"	Gulf Stream
"kuroshio"	Kuroshio Current
"northbrazil"	Brazil Current
"somalia"	Somalia Current
"alaska"	Alaska
"gulfmex"	Gulf of Mexico
"australia"	Australia and New Zealand
"indonesia"	Indonesia and Philippines
"persiangulf"	Somalia and Persian Gulf
"westconus"	West CONUS

where "yyyy" =

"temperature"	Sea Surface Temperature (°C)
"ssh"	Ocean Surface Height
"mixed_layer_thickness"	Mixed Layer Thickness
"salinity"	Salinity at Surface
"curr"	Surface Current (magnitude m/sec)
"ice_thickness"	Ice Thickness
"ice_coverage"	Ice Coverage

where "xxxx" =  
"f024", "f048", "f072", "f096" "f120" or f144"

>>>>National Hurricane Center Listserver<<<<  
This service is no longer operational

>>>>GovDelivery Weather Updates (Listserver)<<<<  
This service is no longer operational

>>>>University of Illinois Listserver<<<<

The University of Illinois at Urbana-Champaign operates an e-mail listserver of which two Lists, WX-ATLAN, and WX-TROPL are of special interest to mariners who do not have direct access to the World Wide Web but who are equipped with an e-mail system. These Lists provide an automated means to receive NWS hurricane (and some marine) forecast products via e-mail. However, performance may vary and receipt cannot be guaranteed. To get started in using the University of Illinois Listserver, follow these simple directions to obtain further information, or see: <http://weather.noaa.gov/pub/fax/uiuclist.txt>  
See also: <https://lists.illinois.edu/lists/info/wx-atlan>  
and <https://lists.illinois.edu/lists/info/wx-tropl>

-In plain text format-

Send an e-mail to: [ftpmail@ftpmail.nws.noaa.gov](mailto:ftpmail@ftpmail.nws.noaa.gov)  
Subject line: Put anything you like  
Body: open  
cd fax  
get uiuclist.txt  
quit

>>>>Hurricane Watch Net YahooGroup Listserver<<<<

This service is no longer operational

>>>>SAILDOCS<<<<

SAILDOCS is an email-based document-retrieval system which currently offers two services: a document retrieval service which will return documents from the Internet or SAILDOCS own files, and a subscription service which will send Internet documents (for example weather reports) at scheduled intervals. SAILDOCS files include National Weather Service text forecasts and gridded binary (GRIB files) for wind, pressure, 500mb, and sea surface temperature. SAILDOCS is supported in part by Sailmail ([www.sailmail.com](http://www.sailmail.com)) but is an independent service that can be used by anyone who agrees to the terms and conditions. To get started in using SAILDOCS, follow these simple directions to obtain further information, or see: <http://www.saildocs.com/>

Send an e-mail to: [info@saildocs.com](mailto:info@saildocs.com)  
Subject line: Put anything you like  
Body: Put anything you like

>>>>>Global Marine Networks (GMN)<<<<<

Global Marine Networks (GMN) offers 7 day wind forecasts of the world as a free public service via its GRIB Mail Robot. See:  
[http://www.globalmarinenet.com/grib\\_downloads.php](http://www.globalmarinenet.com/grib_downloads.php)

>>>>ExpressWeather - MailASail's Free Weather Service<<<<

ExpressWeather is a free, simple system to offer popular weather forecasts and charts by email. It aims to provide a deliberately limited subset of all the weather available, and only to provide the most useful forecasts

in an easy to access format. For details send a blank email with a BLANK subject line to [weather@mailasail.com](mailto:weather@mailasail.com)  
(Remember that some email programs insert "No subject". This has to be deleted)  
or see  
<http://weather.mailasail.com/Franks-Weather/Text-Chart-Grib-Forecasts-From-Mailasail>

Send an e-mail to: [weather@mailasail.com](mailto:weather@mailasail.com)  
Subject line: Leave blank  
Body: Leave blank

>>>>NAVIMAIL<<<<

Météo-France's NAVIMAIL system enables you to receive gridded binary (GRIB files) for wind, pressure, waves, sea surface temperature, as well as text bulletins and satellite images. There is a service charge for GRIB data, however, text bulletins and satellite images are available at no charge. To get started in using NAVIMAIL, follow these simple directions to obtain further information, or see:  
<http://www.meteo.fr/marine/navimail>

-In plain text format-

Send an e-mail to: [ftpmail@ftpmail.nws.noaa.gov](mailto:ftpmail@ftpmail.nws.noaa.gov)  
Subject line: Put anything you like  
Body: open  
cd fax  
get navimail.txt  
quit

>>>>U.S. NOTICES TO MARINERS BY E-MAIL<<<<

The National Geospatial-Intelligence Agency (NGA) provides a service whereby the U.S Notices to Mariners are e-mailed to the requesting address every weekend, with the following limitations:

- \* The notice transmitted is listed on the Maritime Safety Information (MSI) Website in the "Notice to Mariners" section as "Entire NtM". Graphics provided in this version are inadequate for navigation purposes. Navigation-quality chartlets are available for download on the MSI website as needed.
- \* Many networks and e-mail applications have restrictions on file sizes for e-mail attachments. In order to ensure all notices are received, the limit on file sizes for the receiving account should be changed to 2.5 Mb. Contact your system administrator or help desk for more assistance.
- \* In order to subscribe, the customer must be logged into the e-mail account to which they wish the notice sent. When the hyperlink below is selected, an e-mail window is generated with the "To" and "From" addresses filled out. The "Subject" and "Body" will be blank. Selecting "Send" subscribes the user to the e-mailed Notice to Mariners.
- \* Instructions to unsubscribe from the notice are included in each Notice to Mariners e-mail.

Privacy Act Advisory



Your e-mail address will be used for the purpose of electronically mailing the U.S. Notice to Mariners to you. Upon receipt of your subscription, your identification as the sender will be stripped from your e-mail and only the destination e-mail address you provide will be automatically added to the subscription list. Subscriptions will be processed automatically. If you unsubscribe, your e-mail address will be purged from the file and will not be retained. NGA may collect statistical data about the number of subscribers, number of subscription cancellations, and the number of delivery failures.

To subscribe to U.S. Notices to Mariners by E-mail:  
Send an e-mail to: [join-ntm@goldweb.nga.mil](mailto:join-ntm@goldweb.nga.mil)  
Subject line: Leave blank  
Body: Leave blank

>>>>U.S. COAST GUARD LOCAL NOTICES TO MARINERS (LNM) LISTSERVER<<<<  
LNM's and other maritime related information are available via a one-way listserver at: <http://www.navcen.uscg.gov/?pageName=LNMListRegistration>

>>>>NANUS & GPS STATUS MSGS BY EMAIL<<<<  
Users with an urgent need to be notified of changes to the GPS Constellation may subscribe to the Navigation Center NANU List Server (<http://cgls.uscg.mil/mailman/listinfo/nanu>) and/or the GPS Status Message List Server (<http://cgls.uscg.mil/mailman/listinfo/gps>). These services provide emails containing the NANU and/or GPS Status Messages, generally within 60 minutes of notification by the Air Force of a change to the GPS Constellation. This is a free service. PRIVACY INFORMATION: Disclosure of your email address is voluntary. It is solicited for the sole purpose of delivering the requested information to you and will not be released to any other party.

>>>>U.S. Coast Guard Ice Patrol Chart and Text<<<<  
To receive U.S. Coast Guard Ice Patrol products via email, sign up for Iceberg Chart list server at [https://radioaid.rdc.uscg.gov/mailman/listinfo/iceberg\\_chart](https://radioaid.rdc.uscg.gov/mailman/listinfo/iceberg_chart) and the Iceberg Text Bulletin list server at [https://radioaid.rdc.uscg.gov/mailman/listinfo/iceberg\\_bulletin](https://radioaid.rdc.uscg.gov/mailman/listinfo/iceberg_bulletin). You will be emailed the products daily as soon as they are released. (The iceberg chart is also available via FTPMAIL above)

>>>>OTHERS<<<<  
A non-NWS FAQ webpage describing several FTP-to-EMAIL and WWW-to-EMAIL servers may be found at:

<http://www.faqs.org/faqs/internet-services/access-via-email/>

If you have access to the World Wide Web be certain to check out the following webpages. See these pages for further links.

<a href="http://www.nws.noaa.gov">http://www.nws.noaa.gov</a>	NWS Homepage
<a href="http://www.nws.noaa.gov/om/marine/home.htm">http://www.nws.noaa.gov/om/marine/home.htm</a>	NWS Marine Page
<a href="http://www.nws.noaa.gov/cell.weather.gov">cell.weather.gov</a>	Cellphone page

mobile.weather.gov

Mobile Page

Author: Marine, Tropical, and Tsunami Services Branch, W/AFS26  
National Weather Service

Last Modified May 08, 2014

Document URL: <http://weather.noaa.gov/pub/fax/robots.txt>  
<ftp://tgftp.nws.noaa.gov/fax/robots.txt>