make6hrxmrg

Program make6hrxmrg creates four 6 hour xmrg files from the 1 hour xmrg files.

The files have the naming convention of 6hrxmrgMMDDYYHHz and can be displayed using program XNAV. The input files are read from the directory specified by the apps_default xnav_xmrg_dir. The output file is written to the directory specified by the apps_default xnav_xmrg_dir_out. If xnav_xmrg_dir_out is not specified, the files are written to the directory specified by the apps_default xnav_xmrg_dir.

Program make6hrxmrg uses the following apps_defaults:

Token	Description
make6hrxmrg_settoday	set the date to be used for today to mm/dd/yyyy
use_new_xmrg	option to used old or new xmrg file format: no = use old format yes = use new xmrg format
xnav_hrap_x	number of HRAP grid bins in the x direction that the area covers
xnav_hrap_xor	HRAP grid number that starts the area in the x direction
xnav_hrap_y	number of HRAP grid bins in the y direction that the area covers
xnav_hrap_yor	HRAP grid number that starts the area in the y direction
xnav_xmrg_dir	input directory
xnav_xmrg_dir_out	output directory

make24hrxmrg

Program make24hrxmrg creates a 24 hour xmrg file from the 1 hour xmrg files.

The files have the naming convention of 24hrxmrgMMDDYY and can be displayed using program XNAV. The input files are read from the directory specified by the apps_default xnav_xmrg_dir. The output file is written to the directory specified by the apps_default xnav_xmrg_dir_out. If xnav_xmrg_dir_out is not specified, the files are written to the directory specified by the apps_default xnav_xmrg_dir.

Program make24hrxmrg uses the following apps_defaults:

Token	Description
make24hrxmrg_debug_level	debug output display level: 0 = no debug output

Token	Description
make24hrxmrg_settoday	set the date to be used for today to mm/dd/yyyy
use_new_xmrg	option to used old or new xmrg file format: no = use old format yes = use new xmrg format
xnav_hrap_x	number of grid bins in the x direction that the area covers
xnav_hrap_xor	HRAP grid number that starts the area in the x direction
xnav_hrap_y	number of HRAP grid bins in the y direction that the area covers
xnav_hrap_yor	HRAP grid number that starts the area in the y direction
xnav_xmrg_dir	input directory
xnav_xmrg_dir_out	output directory

makeXdaysxmrg

Program makeXdaysxmrg creates a file from the specified number of 24 hour xmrg files.

One argument is needed which is the number of days for which the output file is to be made.

The files have the naming convention of lastXXdaysxmrg where XX is the value of the argument. The input files are read from the directory specified by the apps_default xnav_xmrg_dir. The output file is written to the directory specified by the apps_default xnav_xmrg_dir.

The file created by program makeXdaysxmrg is not currently used by program XNAV.

Program makeXdaysxmrg uses the following apps_defaults:

Token	Description
makeXdaysxmrg_settoday	set the date to be used for today to mm/dd/yyyy
use_new_xmrg	option to used old or new xmrg file format: no = use old format yes = use new xmrg format
xnav_hrap_x	number of grid bins in the x direction that the area covers
xnav_hrap_y	number of HRAP grid bins in the y direction that the area covers
xnav_xmrg_dir	input and output directory

ffgoutput

Program ffgoutput reads in all FFG files from the directory specified

by the apps_default xnav_ffg_dir and writes them to a file with the naming convention of FFG.MMDDYYYY.HHz in the directory specified by the apps_default xnav_data_dir and to a file named ffgtoday in the directory specified by the apps_default xnav_ffg_dir. The FFG.MMDDYYYY.HHz files can be displayed using program XNAV.

Program ffgoutput uses the following apps_defaults:

Token	Description
ffg_out_dir	input directory
xnav_data_dir	XNAV output directory
xnav_ffg_dir	FFG output directory

wfoqpf

Program wfoqpf reads in all wfo fmap ASCII files from the directory specified by the apps_default xnav_wfoqpf_dir and writes then to a file in the directory specified by the apps_default xnav_data_dir. The files have the naming convention of WFOQPF.MMDDYYYY.HHz and can be displayed using program XNAV.

Program wfoqpf uses the following apps_defaults:

Token	Description
wfoqpf_settoday	set the date to be used for today to mm/dd/yyyy-hh
xnav_data_dir	output directory
xnav_wfoqpf_dir	input directory