

Tracker Changes for 2011

Provided below are tracker and guidance changes for the upcoming 2011 Hurricane Season. These changes will be implemented in the interpolater/consensus building codes for NHC, CPHC and HPC while previously utilized consensus models will be deprecated.

New Fixed Consensus Models:

TCOE members: GFS, UKMET-EGRR, NOGAPS, GFDL and HWRP (track)
TCOA members: GFS, UKMET-EGRR, GFDL and HWRP (track)

New Variable Consensus Models:

TVCE members: GFS, UKMET-EGRR, NOGAPS, GFDL, HWRP and ECMWF (track)
TVCA members: GFS, UKMET-EGRR, GFDL, HWRP, GFDN and ECMWF (track)

New Intensity Models:

RI25 - Rapid Intensity Aid 25kts (24 hr RI Prob)*
RI30 - Rapid Intensity Aid 30kts (24 hr RI Prob)*
RI35 - Rapid Intensity Aid 35kts (24 hr RI Prob)*
RI40 - Rapid Intensity Aid 40kts (24 hr RI Prob)*

*note - see WAFS Sampson et al (2011) for more details.

Consensus Models and alternates:

Consensus name :TCOE "Fixed Track Consensus"
Require at least ... :5 (all required)
Input models (max of twenty) :AVNI EGRI NGPI GHMI HWFI
Alt models (max of twenty) :AVN2 EGR2 NGP2 GHM2 HWF2

Consensus name :TCOA "Fixed Track Consensus"
Require at least ... :4 (all required)
Input models (max of twenty) :AVNI EGRI GHMI HWFI
Alt models (max of twenty) :AVN2 EGR2 GHM2 HWF2

Consensus name :TVCE
Require at least ... :2 (at least 2 required)
Input models (max of twenty) :AVNI EGRI NGPI GHMI HWFI GFNI EMXI
Alt models (max of twenty) :AVN2 EGR2 NGP2 GHM2 HWF2 GFN2 EMX2

Consensus name :TVCA
Require at least ... :2 (at least 2 required)
Input models (max of twenty) :AVNI EGRI GHMI HWFI GFNI EMXI
Alt models (max of twenty) :AVN2 EGR2 GHM2 HWF2 GFN2 EMX2

Discontinued or deprecated models:

N/A

Last update: 8-Jun-2011 (CAS), initial document created.
10-Jun-2011 (CAS), updated/corrected document.