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PNSWSH

Technical Implementation Notice 14-36
National Weather Service Headquarters Washington DC
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From: Tim McClung
 Chief, Science Plans Branch
 Office of Science and Technology

Subject: Upgrade to Automated Sea Ice Drift Model: Effective September 9, 2014

On Tuesday, September 9, 2014, starting with the 1200 Universal Coordinated Time (UTC) cycle, the National Centers for Environmental Prediction (NCEP) will make a change to the sea ice drift model to improve the skill of the model.

NCEP will run the model system changes from ensemble (GEFS) input rather than Global Forecast System (GFS) single deterministic. This change offers a slight improvement in model skill as assessed by both distance and direction measures. This change will not affect data format and delivery.

The Ice Drift Model guidance products will be available in ASCII and KML formats on the NCEP Server:

http://www.ftp.ncep.noaa.gov/data/nccf/com/omb/prod/seaice_drift.YYYYMMDD

or

ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/omb/prod/seaice_drift.YYYYMMDD

where YYYYMMDD corresponds to the four-digit year, two-digit month and two-digit day.

The data will also be available on NOAAPort with the World Meteorological Organization (WMO) headers:

FZAK41 KWNO - Alaska
FZXX41 KWNO - Contiguous U.S. (CONUS)

The Environmental Modeling Center (EMC) has a publicly available website which can provide users more information concerning the ice drift model:

<http://polar.ncep.noaa.gov/seaice/>

For questions regarding the scientific content of the Sea Ice Drift Model,
please contact:

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National Technical Implementation Notices are online at:

<https://www.weather.gov/notification/archive>

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