

NOUS41 KWBC 221422
PNSWSH

Service Change Notice 12-24
National Weather Service Headquarters Washington DC
1022 AM EDT Fri Jun 22 2012

TO: Subscribers:
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FROM: Jason Tuell
Chief, Meteorological Services Division

SUBJECT: Implementation of Improved Space Weather Watch
Effective July 25, 2012

Effective Wednesday, July 25, 2012, at 1600 Coordinated Universal Time (UTC), the NWS Space Weather Prediction Center (SWPC) in Boulder, Colorado, will modernize its geomagnetic storm watch products. These products will now be issued relative to the highest expected geomagnetic storm category (NOAA Scale) and will be based on the 3-hour geomagnetic K-index rather than the 24-hour A-index. This change will better align the SWPC Geomagnetic Watch products with its Geomagnetic Warning products and NOAA Scale designations.

The following SWPC products will be affected by this change:

AWIPS ID	WMO Header	Current Product Name	NOAA Scale
SWXWATA20	WOXX20	KWNP WATCH: Geomagnetic A-index 20 or greater predicted	G1
SWXWATA30	WOXX21	KWNP WATCH: Geomagnetic A-index 30 or greater predicted	G2
SWXWATA50	WOXX22	KWNP WATCH: Geomagnetic A-index 50 or greater predicted	G3
SWXWATA99	WOXX23	KWNP WATCH: Geomagnetic A-index 100 or greater predicted	G4-G5

The AWIPS ID and WMO Header for these products will remain the same; however, the product names will change:

AWIPS ID	WMO Header	New Product Name
SWXWATA20	WOXX20	KWNP WATCH: Geomagnetic Storm Category G1 predicted
SWXWATA30	WOXX21	KWNP WATCH: Geomagnetic Storm Category G2 predicted

SWXWATA50 WOXX22 KWNP WATCH: Geomagnetic Storm Category G3
predicted

SWXWATA99 WOXX23 KWNP WATCH: Geomagnetic Storm Category G4
or greater predicted

For more information, please contact:

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National Service Change Notices are online at:

<http://www.weather.gov/os/notif.htm>

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