

NOUS41 KWBC 011949
PNSWSH

Service Change Notice 14-54
National Weather Service Headquarters Washington DC
325 PM EDT Wed Oct 1 2014

To: Subscribers:
-Family of Services
-NOAA Weather Wire Service
-Emergency Managers Weather Information Network
-NOAAPort
Other NWS Partners and NWS Employees

From: Eli Jacks
Chief, Fire and Public Weather Services Branch

Subject: Operational Implementation of the Storm Prediction
Center (SPC) Day 4-8 Severe Weather Outlooks Effective
December 16, 2014

Effective Tuesday, December 16, 2014, at 1500 Coordinated
Universal Time (UTC), SPC will move its Day 4-8 Severe Weather
Outlooks for CONUS from experimental to operational status.
Public comments on the experimental product were very positive.

Since May 16, 2014, examples of these outlooks using historical
data have been available at:

<http://www.spc.noaa.gov/exper/dy4-8example/>

After operational implementation, the SPC Day 4-8 Severe Weather
Outlooks will include five separate graphics, one for each day in
the 4-8 cycle. Also, SPC will include areas where the total
severe weather probabilities are at least 15 percent within 25
statute miles of any point. This change is in addition to the
30 percent total severe threshold currently used.

Adding the 15 percent threshold will result in more consistency
between the Day 4-8 graphic and corresponding text discussion and
will help SPC communicate threats earlier in the forecast
process.

The following products are available:

WMO Header AWIPS ID Description

ACUS48 KWNS SWOD48 Days 4-8 Convective Outlook Discussion
WUUS48 KWNS PTSD48 Days 4-8 Convective Outlook Areal Outline
PGNW49 KWNS RBG440 Day 4 Red Book Graphic Total Probability
of Severe Thunderstorms
LDIZ48 KWNS N/A Day 4 NDFD Total Probability of Severe
Thunderstorms

PGNW50 KWNS RBG550 Day 5 Red Book Graphic Total Probability
of Severe Thunderstorms
LDIZ58 KWNS N/A Day 5 NDFD Total Probability of Severe
Thunderstorms
PGNW51 KWNS RBG660 Day 6 Red Book Graphic Total Probability
of Severe Thunderstorms
LDIZ68 KWNS N/A Day 6 NDFD Total Probability of Severe
Thunderstorms
PGNW52 KWNS RBG770 Day 7 Red Book Graphic Total Probability
of Severe Thunderstorms
LDIZ78 KWNS N/A Day 7 NDFD Total Probability of Severe
Thunderstorms
PGNW53 KWNS RBG880 Day 8 Red Book Graphic Total Probability
of Severe Thunderstorms
LDIZ88 KWNS N/A Day 8 NDFD Total Probability of Severe
Thunderstorms

The "points" product (PTSD48) includes labels of "0.15"
(15 percent) and "0.30" (30 percent). All Day 4-8 Total
Probability of Severe Thunderstorm grid products (LDIZ(4-8)8 and
LK(B-U)Z97) will become probabilistic and contain values of 0, 15
and 30.

The Day 4-8 Total Probability of Severe Thunderstorms replaces
the Day 4-8 Categorical Outlooks. The following products will no
longer be produced:

WMO Header AWIPS ID Description:

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PGNM98 KWNS RBG480 Days 4-8 Red Book Graphic
LDIZ47 KWNS N/A Day 4 NDFD Convective Hazard Outlook
LDIZ57 KWNS N/A Day 5 NDFD Convective Hazard Outlook
LDIZ67 KWNS N/A Day 6 NDFD Convective Hazard Outlook
LDIZ77 KWNS N/A Day 7 NDFD Convective Hazard Outlook
LDIZ87 KWNS N/A Day 8 NDFD Convective Hazard Outlook
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A Product Description Document will be available on December 16,
2014, at:

<http://products.weather.gov/>

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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