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Public Information Notice, Comments Requested
National Weather Service Headquarters Washington DC
715 AM EDT Fri Mar 29 2013

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-NOAA Weather Wire Service
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From: Eli Jacks
Chief, Fire and Public Weather Services Branch

Subject: Soliciting Comments until May 31, 2013, on the
Experimental Cold Advisory for Newborn Livestock Grids
in the National Digital Forecast Database for the
Conterminous United States, Effective March 29,2013

A Web-based Cold Advisory for Newborn Livestock (CANL) product
recently became operational for eight locations from individual
NWS Weather Forecast Offices (WFO):

<http://www.nws.noaa.gov/os/notification/scn13-13canl-oper.htm>

Prior to deciding whether or not to implement this capability in
the National Digital Forecast Database (NDFD), for the
Conterminous U.S. (CONUS) only, the NWS is soliciting comments
until May 31, 2013:

<http://www.nws.noaa.gov/survey/nws-survey.php?code=GGW-CANL>

The CANL product is a graphical depiction of the potential for
weather related impacts to newborn livestock and is provided to
help users reduce newborn livestock losses due to hazardous
weather. More detailed information on what the CANL is and how it
can be used is available online:

<http://www.wrh.noaa.gov/ggw/canl/FactSheet.pdf>

As an experimental grid in NDFD, forecasts for any CONUS location
are now available. The experimental CANL forecast grids
produced for Days 1-3 are online under "graphics" from the
Experimental NDFD Web map viewer under the "Severe Weather" drop-
down menu:

<http://preview.weather.gov/graphical/>

--GRIB2 Binary version 2 (GRIB2) files via Hypertext Transfer
Protocol (HTTP):

<http://weather.noaa.gov/pub/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.conus/VP.001/ds.canl.bin>

<http://weather.noaa.gov/pub/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.conus/VP.002/ds.canl.bin>

<http://weather.noaa.gov/pub/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.conus/VP.003/ds.canl.bin>

--File Transfer Protocol (FTP):

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.conus/VP.001/ds.canl.bin>

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.conus/VP.002/ds.canl.bin>

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.conus/VP.003/ds.canl.bin>

Graphical forecasts displaying the elements that contribute to the CANL risk factors are also available individually from the experimental NDFD map viewer drop-down menu:

- Apparent Temperature (degree F) – i.e. Wind Chill Values
- Precip Amount (in)
- Sky Cover (%)
- Relative Humidity (%)

Please note this is different from the 4-panel display on the operational WFO CANL websites.

More detail regarding the NDFD experimental CANL grids is available in a Product Description Document (PDD) online at:

<http://products.weather.gov>

General information on accessing and using NDFD elements is online at:

<http://www.nws.noaa.gov/ndfd/index.htm>

The CANL NDFD element will remain experimental until NWS assesses feedback and completes a technical analysis. NWS will then determine whether to move the CANL element to operational status, discontinue it, or revise it and retain as experimental for another season.

If CANL becomes operational as an element in NDFD for CONUS, NWS will discontinue the Web-based CANL from the eight individual WFOs.

For technical questions regarding CANL product, please contact:

Tanja Fransen
Warning Coordination Meteorologist
Tanja.Fransen@noaa.gov

-OR-

Bill Martin
Science and Operations Officer
Bill.Martin@noaa.gov
National Weather Service
Glasgow, Montana
406-228-2850

For technical questions regarding NDFD data, please contact:

David Ruth
Chief, Mesoscale Prediction Branch
National Weather Service
Office of Science and Technology
Silver Spring, Maryland
David.Ruth@noaa.gov

For questions regarding this notice, please contact:

Jannie G. Ferrell
National Weather Service
Office of Climate, Water and Weather Services
Silver Spring, Maryland
Jannie.G.Ferrell@noaa.gov

National Public Information Notices are online at:

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

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