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Public Information Statement, Comments Requested
National Weather Service Headquarters Washington DC
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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 (WFOs):

<https://www.weather.gov/media/notification/pdfs/scn13-13canl-oper.pdf>

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/>

--GRIdded Binary version two (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
- Precipitation Amount (inches)
- 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:

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-or-

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

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