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Service Change Notice 22-68
National Weather Service Headquarters Silver Spring MD
220 PM EDT Tue Jul 19 2022

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From: Vijay Tallapragada
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 NCEP/Environmental Modeling Center

Subject: Correction of the Specification of Elevation of the Great Lakes
in the High Resolution Rapid Refresh (HRRR): Effective on or about July
19, 2022

Effective on or about July 19, 2022 with the 1200 Coordinated Universal
Time (UTC) cycle, the National Centers for Environmental Prediction
(NCEP) will make an update to the High Resolution Rapid Refresh (HRRR)
data via all transmission methods.

A) Changes to Specification of Elevation of the Great Lakes

The HRRR upgrade in December 2020 inadvertently included an incorrect
specification of the height of the Great Lakes, with a value of 0 used at
all Great Lakes grid points. This has led to problems with the low-level
wind, sea level pressure and other near-surface fields in the model,
particularly when the prevailing wind direction is offshore. This fix
reverts to the correct lake elevations that were used in previous
versions of the HRRR.

If you have any questions regarding this change, please contact:

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If you have questions regarding the data flow aspects, please contact:

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National Service Changes Notices are online at:

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