Solar Flux Resources

Each morning, WSR-88D maintainers around the country call the Space Weather Prediction Center (SWPC) requesting the 10.7cm solar flux values (observed and forecast).

As a former WSR-88D operator and instructor at Keesler AFB, I wanted to inform the radar maintainers they can also obtain the flux measurements from the SWPC web site and via email.

Section IV of the Joint USAF/NOAA Report of Solar and Geophysical Activity, available at http://www.swpc.noaa.gov/forecast.html, provides the observed 10.7cm flux, as well as, a 3-day forecast.

These forecasts, along with space weather alerts of potential interest to radar maintainers, can be received via email by subscription at https://pss.swpc.noaa.gov/LoginWebForm.aspx?ReturnUrl=%2fproductsubscriptionservice%2fMainMenuWebForm.aspx.

Finally, SWPC plans to introduce a menu-driven phone answering system within the year. One option will be dedicated to providing current and forecast 10.7cm flux values.

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Look at It

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ply the motion of the storm of interest. This tool will only provide output however if the angle of intersection between the radial and storm motion is less than 75°. In the two scenarios above, the EAV tool provided no output for the KMPX radar for that very reason. It did though further help estimate the TMSP measured winds. In Figures 2 and 4, the TMSP maximum velocity estimated by the EAV tool was 68 kts for the August 4th event (Figure 5) and 63 kts for the August 25th event. This tool may allow for more direct correlation of measured data and observed speeds or wind damage for warning forecasters and damage survey teams.

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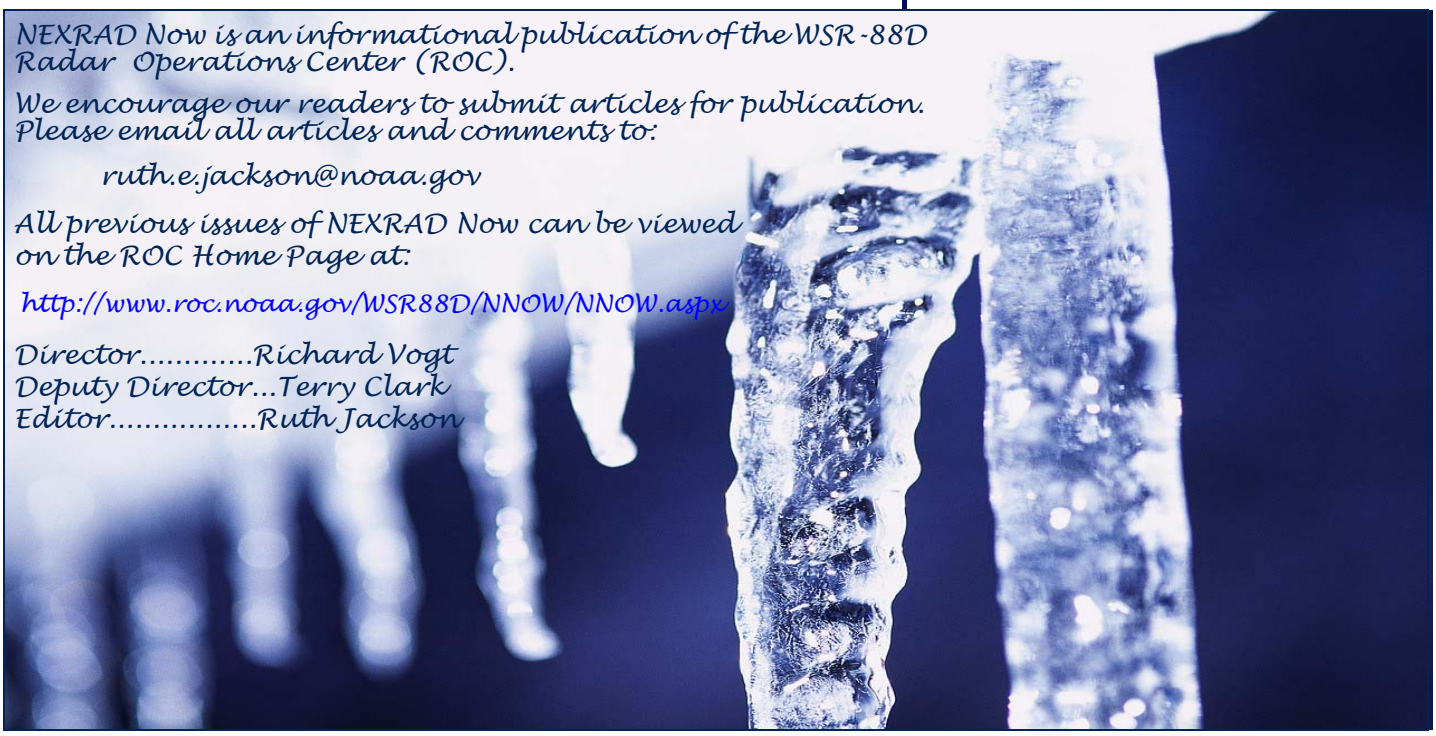

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We encourage our readers to submit articles for publication. Please email all articles and comments to:

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All previous issues of NEXRAD Now can be viewed on the ROC Home Page at:

http://www.roc.noaa.gov/WSR88D/NNOW/NNOW.aspx

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