

NOUS41 KWBC 061805
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Service Change Notice 25-14
National Weather Service Headquarters Silver Spring MD
105 PM EST Thu Feb 6 2025

To: Subscribers
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From: Bruce Entwistle, Chief
 Aviation and Space Weather Services Branch

Subject: Deployment of Preliminary GOES-19 Compact Coronagraph Images and Animations on or about February 6, 2025

On or about February 6, 2025, at 1500 Coordinated Universal Time (UTC), the National Weather Service (NWS) Space Weather Prediction Center (SWPC) in Boulder, CO, will deploy preliminary animations from the GOES-19 Compact Coronagraph 1 (CCOR-1) to the Space Weather Prediction Testbed (SWPT) website. Subsequently, on or about February 24, 2025, the animations will be hosted on SWPC's main website and numerical data files will be added to SWPC's data service. Until such time as GOES-19 becomes operational, currently planned for April 4, 2025, the animations and data are to be considered "preliminary and non-operational".

The CCOR-1 is the first operational coronagraph. These product releases provide images and data for the solar corona which are used to measure the solar wind and eruptive events called Coronal Mass Ejections (CMEs). Both solar wind and CMEs can drive space weather effects at Earth, primarily in the form of geomagnetic storms. The animation is updated every 15 minutes and can be paused to download individual images frames.

The animation product will be initially located at:

<https://testbed.spaceweather.gov/products/ccor-1-coronagraph>

Subsequently, on or about February 24, 2025, the animation will move to:

<https://spaceweather.gov/products/ccor-1-coronagraph-experimental>

Also, on or about February 24, 2025, data files in the form of JPEG, MP4, and FITS will become available at:

<https://services.swpc.noaa.gov/experimental/products/swfoll/ccor-1/>

For any comments/feedback on this update, please contact:

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National Service Change Notices are online at:

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

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