

NOUS41 KWBC 232110  
PNSWSH

Service Change Notice 22-79  
National Weather Service Headquarters Silver Spring MD  
510 PM EDT Tue Aug 23 2022

To:           Subscribers:  
              -NOAA Weather Wire Service  
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              Other NWS Partners and NWS Employees

From:         Ajay Mehta  
              Director, NWS Office of Observations

Subject:      GOES-R Mesoscale Fire Hotspots Promoted to the GOES-East and  
              GOES-West Channels of the Satellite Broadcast Network, Effective  
              August 23, 2022

Effective immediately, the Mesoscale Fire Hotspots products from the GOES-East and GOES-West satellites will be promoted to the GOES-East (GRE) and GOES-West (GRW) channels, respectively, of the NWS Satellite Broadcast Network (SBN) (Ports 1209, 1210; PIDs 107, 108).

The Mesoscale Fire Hotspots have been disseminated on the SBN since September 2021. As detailed in [SCN21-74](#), these products have been on the SBN EXP channel, one of the lower priority channels on the SBN. Promoting the Mesoscale Fire Hotspots to the SBN's GRE and GRW channels will minimize delays in disseminating them to users.

Users should not need to do anything to continue receiving these products on the new channels. Their WMO headers, content, and structure remain as described in [SCN21-74](#).

WMO ID	ABI Sector	Hourly Count	Hourly Volume
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IXTJ99 KNES	GOES-East Meso	2x60 files/hr	17 MBytes/hour
IXTJ89 KNES	GOES-West Meso	2x60 files/hr	17 MBytes/hour

Their data volume and file cadence also remain unchanged - just shifted from the EXP channel to the GRE and GRW channels:

SBN Channel	File count change	Volume change (approximate)
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EXP	-240 files/hr	-34 MBytes/hour
GRE	+120 files/hr	+17 MBytes/hour
GRW	+120 files/hr	+17 MBytes/hour

Critical weather or other factors may delay this change on the SBN.

For questions pertaining to this planned change, please contact:  
NOAA/NWS Office of Observations  
Silver Spring, MD

Email: [nws-obs-satellites@noaa.gov](mailto:nws-obs-satellites@noaa.gov)

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