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SERVICE CHANGE NOTICE 10-22  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
743 AM EDT WED APR 7 2010

TO: SUBSCRIBERS:  
-EMERGENCY MANAGERS WEATHER INFORMATION NETWORK  
OTHER NWS PARTNERS AND EMPLOYEES

FROM: LATANYA BURTON...CHIEF  
OPERATIONS SUPPORT AND PERFORMANCE MONITORING BRANCH  
OFFICE OF OPERATIONAL SYSTEMS

SUBJECT: GOES EAST EMWIN USERS MUST TAKE ACTION TO CONTINUE RECEIVING  
EMWIN BROADCAST AFTER APRIL 26 2010

THE NATIONAL ENVIRONMENTAL SATELLITE DATA AND INFORMATION SERVICE /NESDIS/  
RECENTLY SET THE DATE FOR THE GEOSTATIONARY ORBITING ENVIRONMENTAL  
SATELLITE /GOES/ 13 SATELLITE TO REPLACE GOES 12 /EAST/ SATELLITE AS ON OR  
ABOUT APRIL 26 2010. DUE TO CHANGES IN THE SATELLITE CONFIGURATION THAT  
PROVIDE THE EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/  
BROADCAST...EMWIN USERS MUST TAKE ACTION TO ENSURE CONTINUED RECEPTION OF  
THIS DATA SERVICE.

THE EFFECTIVE DATE OF THIS CHANGE IS SOONER THAN SPECIFIED BY NWS POLICY  
/NWS INSTRUCTION 10-1805/. THE REDUCTION OF THE NORMAL ADVANCE LEAD TIME  
WAS APPROVED BECAUSE THIS CHANGE HAS BEEN THE SUBJECT OF MANY USER  
WORKSHOPS AND CONFERENCES FOR SEVERAL YEARS...AND THE TECHNICAL  
REQUIREMENTS OF SATELLITE OPERATIONS PERMITS A RELATIVE SHORT NOTIFICATION  
LEAD TIME OF THE OFFICIAL DATE OF TRANSITION.

ON OR BEFORE APRIL 26 2010...USERS WITH LEGACY EMWIN SYSTEMS WILL NEED TO  
REPOINT TO GOES WEST OR UPGRADE TO AN EMWIN-N CAPABLE SYSTEM. LEGACY  
USERS SHOULD TRY REPOINTING TO GOES WEST AS SOON AS POSSIBLE TO DETERMINE  
IF THEY WILL BE ABLE TO ACQUIRE THE SIGNAL FROM THEIR LOCATION. GOES EAST  
USERS WITH AN EMWIN-N CAPABLE SYSTEM NEED ONLY TO CONFIGURE THE SOFTWARE  
DEMODULATOR AND TOGGLE THE SWITCH ON THE INTERMEDIATE FREQUENCY ADAPTER TO  
THE QPSK SETTING. PROCESSING OF THE EMWIN-N BROADCAST CAN THEN BEGIN.

BEFORE THE END OF 2011...THE GOES WEST SATELLITE WILL BE REMOVED FROM  
OPERATION AND REPLACED BY THE NEW GOES SERIES. THE TRANSITION COULD OCCUR  
EARLIER DUE TO PREMATURE FAILURE OF ONE OR BOTH OF THE CURRENT GOES  
SATELLITES. ALL USERS SHOULD MIGRATE TO EMWIN-N CAPABLE SYSTEMS. FOR THE  
LATEST INFORMATION ON THE GOES EAST TRANSITION...THE EMWIN-N TRANSITION  
AND FOR A LIST OF VENDORS THAT CURRENTLY PROVIDE THESE SYSTEMS...PLEASE  
VISIT THE FOLLOWING WEBSITES /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/EMWIN/TRANSITION.HTM](http://www.nws.noaa.gov/emwin/transition.htm)  
[HTTP://WWW.WEATHER.GOV/EMWIN/WINVEN.HTM](http://www.weather.gov/emwin/winven.htm)

EMWIN IS A LOW COST SATELLITE WEATHER DATA BROADCAST SERVICE THAT PROVIDES  
ONE OF THE MOST RESILIENT METHODS OF RECEIVING NWS WEATHER INFORMATION.

THE SERVICE INCLUDES WARNINGS...FORECASTS...GRAPHICS AND IMAGERY. THE GOAL OF EMWIN IS TO PROVIDE EMERGENCY MANAGERS THE CAPABILITY TO RESPOND FASTER TO SEVERE WEATHER...TSUNAMIS AND OTHER HAZARDS.

MORE INFORMATION ON THE EMWIN SERVICE CAN BE FOUND AT THE EMWIN WEBSITE AT /USE LOWER CASE/:

[HTTP://WWW.WEATHER.GOV/EMWIN/INDEX.HTM](http://www.weather.gov/emwin/index.htm)

IF YOU HAVE QUESTIONS OR COMMENTS...PLEASE CONTACT:

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NATIONAL SERVICE CHANGE NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

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