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FROM SPACe 0401 SDF DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 708A ISSUED 0400Z 04 AUGUST 1970

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY CONTINUES AT ITS LOW LEVEL. A FEW CLASS C FLARES HAVE BEEN OBSERVED DURING THE PAST 11 HOURS. THE REGION N12E15 ACCORDING TO MT WILSON DOES CONTAIN A DELTA CONFIGURATION IN ITS LEADER PORTION. THIS REGION HAS BEEN THE BRIGHTEST DISK FEATURE BUT DURING THE PAST FEW HOURS IT HAS BEEN DECLINING. BSL ACTIVITY HAS BEEN OBSERVED ON THE NW LIMB. THE GEOMAGNETIC FIELD IS QUIET.

B. THE REGION N05W77 AS IT MAKE IT WEST LIMB PASSAGE AND REGION N12E15 WILL BE THE REGIONS PRODUCING SOLAR ACTIVITY. AN OCCASIONAL CLASS M FLARE IS PROBABLE. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 04 AUG/0400Z ENDING 07 AUG/0400Z.

CLASS M OR GREATER 30/30/30

CLASS X 02/03/03

PROTON EVENTS 02/03/03

D. OTTAWA 10.7 CM FLUXES FOR 03/1700Z AND 03/2000Z WERE 124 AND 123 RESPECTIVELY.

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FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 708B ISSUED 1700Z 4 AUG 1970

A COUPLE OF CLASS C FLARES EXPECTED IN THE NEXT 11 HOURS.

A. NO SOLAR FLARES HAVE BEEN OBSERVED THE PAST 13 HOURS. THE N13E64 REGION HAS GROWN IN SPOT AREA AND HAS BRIGHTER PLAGE TODAY. ALSO SMALL ARCH FILAMENTS WERE ACTIVE WEST OF THE FOLLOWER. IN THE LEADER OF THE N13E06 REGION THE PENUMBRA HAS GROWN AND SPREAD EASTWARD. BSL ACTIVITY IS MODERATE AT NW07 AND NW20. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY EXPECTED TO REMAIN LOW FOR SEVERAL DAYS. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET FOR THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 04 AUG 1700Z ENDING 07 AUG 1700Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 04/1400Z WAS 124. PREDICTED 10.7 CM FLUX FOR 5-7 AUG IS 124/125/126.

E. MAGNETIC A-FREDERICKSBURG FOR 03 AUG WAS 03. FOR 04 AUG ABOUT 03. PREDICTED AP FOR 5-7 AUG 03/05/03.

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