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NNNNBM

KMSC

HAUS BOU 220400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 726A ISSUED 0400Z 22 AUGUST 1970

CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. A TEN CM RADIO BURST WAS DETECTED AT 22/0052Z WITH A PEAK OF 130 FLUX UNITS ABOVE BACKGROUND. OPTICALLY A SURGE WAS SEEN AT S08 WEST LIMB AT THIS TIME. ONLY MINOR CHANGES IN DISK FEATURES. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW AND UNENERGETIC THE NEXT 72 HOURS. THE GEOMAGNETIC FIELD WILL SHOW PERIODS OF UNSETTLED CONDITIONS THE NEXT 48 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 22 AUG/0400Z ENDING 25 AUG/0400Z

CLASS M OR GREATER 60/60/55

CLASS X 05/04/03

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX FOR 21/1700Z WAS 140.

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HAUS BOU 221700Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 726B ISSUED 1700Z 22 AUG 1970

CLASS-C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS REMAINED LOW DURING THE PAST 13 HOURS; ONLY A FEW CLASS-C SUBFLARES HAVE BEEN REPORTED. PRESENTLY MOST DISK REGIONS ARE RELATIVELY UNINTERESTING, ALTHOUGH DEVELOPMENT IS OCCURRING AT S05W21. MINOR SURGE ACTIVITY NEAR SE10 SUGGESTS THAT AN ACTIVE REGION MAY BE CROSSING THE LIMB AT THAT SITE. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET DURING THE PAST 24 HOURS, EXCEPT FOR AN APPARENT BAY ON THE D-TRACE AT 22/1200-1300Z.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN MODERATELY LOW DURING THE FORECAST PERIOD. NO DISK REGIONS PRESENTLY APPEAR CAPABLE OF MAJOR ACTIVITY. ONLY SLIGHT GEOMAGNETIC DISTURBANCE IS ANTICIPATED DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 22 AUG/1700Z ENDING 25 AUG/1700Z.

CLASS M OR GREATER 65/65/65

CLASS X 05/05/05

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX FOR 22/1400Z WAS NOT AVAILABLE.

PREDICTED 10.7 CM FLUX FOR 23-25 AUG IS 137/139/140.

E. MAGNETIC A-FREDERICKSBURG FOR 21 AUG WAS 04. FOR 22 AUG ABOUT 08. PREDICTED AP FOR 23-25 AUG, 08/08/14.

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