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KMSC

HAUS BOU 110400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 042A ISSUED 0400Z 11 FEB 1971

INFREQUENT CLASS-C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. DURING THE PAST 11 HOURS, SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL. ONLY MINOR CLASS-C ACTIVITY HAS BEEN REPORTED. ALL OF THE ACTIVE CENTERS ON THE VISIBLE DISK ARE SMALL AND UNIMPRESSIVE, AND ONLY ONE SMALL SURGE HAS BEEN OBSERVED ON THE LIMB AT NE10, WHERE A PREVIOUSLY ACTIVE REGION IS DUE TO RETURN. THE GEOMAGNETIC FIELD HAS REMAINED QUIET DURING THE PAST 24 HOURS.

B. OCCASIONAL CLASS-C FLARES ARE EXPECTED DURING THE THREE-DAY FORECAST PERIOD. THE GEOMAGNETIC FIELD PROBABLY WILL REMAIN QUIET FOR THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 11 FEB/0400Z ENDING 14 FEB/0400Z.

CLASS M OR GREATER 20/20/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 10/1700Z AND 10/2000Z WERE 112 AND 111 RESPECTIVELY.

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KMSC

HAUS BOU 111700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 042B ISSUED 1700Z 11 FEB 1971

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

A. ONLY MINIMAL ACTIVITY HAS BEEN OBSERVED DURING THE PAST 13 HOURS.

SURGES HAVE BEEN REPORTED ON THE EAST LIMB AT N10. A REGION IS DUE

TO RETURN AT NE18. THERE ARE NO INDICATIONS OF RECENT ACTIVITY IN

THE REGION. THE GEOMAGNETIC FIELD HAS RECOVERED FROM THE SLIGHT

DISTURBANCE OF THE PAST THREE DAYS.

B. ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL. THE NORTHEAST LIMB

COULD PRODUCE SPORADIC X-RAY EVENTS. THE MAGNETIC FIELD IS EXPECTED

TO REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT 24 HOUR

PERIODS BEGINNING 11 FEB/1700Z ENDING 14 FEB/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 11/1400Z WAS 109.2. PREDICTED 10.7 CM FLUX

FOR 12-14 FEB IS 108/108/108.

E. MAGNETIC A-FREDERICKSBURG FOR 10 FEB WAS 09. FOR 11 FEB ABOUT 03

PREDICTED AP FOR 12-14 FEB, 05/05/05.

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