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KMSC

HAUS BOU 120400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 043A ISSUED 0400Z 12 FEB 9171

INFREQUENT CLASS C FLARES ARE ANTICIPATED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE PAST 11 HOURS. THE MOST IMPRESSIVE REGION ON THE DISK CONSISTS OF TWO H-TYPE SPOTS ACCOMPANIED BY MODERATELY BRIGHT PLAGE NEAR N18E80. OCCASIONAL NON-ENERGETIC SURGES HAVE BEEN PRODUCED BY THIS NORTHEASTERN REGION. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET DURING THE PAST 13 HOURS.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL DURING THE NEXT 72 HOURS. INFREQUENT CLASS C FLARES ARE LIKELY. THE GEOMAGNETIC PROBABLY WILL REMAIN RELATIVELY QUIET DURING THE NEXT THREE DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12 FEB/0400Z ENDING 15 FEB/0400Z. CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 11/1700Z AND 11/2000Z WERE 113 AND 112 RESPECTIVELY.

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HAUS BOU 121700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 43B ISSUED 1700Z 12 FEB 1971

MINOR FLARES EXPECTED NEXT 11 HOURS.

A. THERE HAS BEEN ONLY MINOR, INFREQUENT FLARE ACTIVITY. THE REGION RECENTLY RETURNED AT NE18 HAS D-TYPE SPOTS WITH SIMPLE PLAGE STRUCTURE. A REGION AT N15W44 HAS SHOWN AN ANOMALOUS DEVELOPMENT PATTERN BUT IS QUIET SMALL.

B. THE REGION AT NE18 MAY PRODUCE SPORADIC FLARES OF MODERATE INTENSITY. NUMEROUS MINOR FLARES ARE EXPECTED FROM THE N15W44 REGION BUT ENERGETIC EVENTS ARE NOT EXPECTED THERE. A SLIGHT DISTURBING TREND IS EXPECTED IN THE NEXT THREE DAYS IN THE GEOMAGNETIC FIELD.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12 FEB/1700Z ENDING 15 FEB/1700Z.

CLASS M OR GREATER 25/25/20

CLASS X 05/05/05

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 12/1400Z WAS 113.4. PREDICTED 10.7 CM FLUX FOR 13-15 FEB IS 118/119/120.

E. MAGNETIC A-FREDERICKSBURG FOR 11 FEB WAS 04. FOR 12 FEB ABOUT 06 PREDICTED AP FOR 13-15 FEB, 08/10/10.

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