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KMSC

HAUS BOU 020400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 033A ISSUED 0400Z 02 FEBRUARY 1971

SPORADIC CLASS M EVENTS ARE EXPECTED DURING THE NEXT 13 HOURS.

A. ONLY ELEVEN CLASS C SUBFLARES HAVE OCCURRED DURING THE PAST 24 HOURS. PENUMBRA GROWTH AND REORGANIZATION IN THE N08E01 REGION HAVE RESULTED IN SOME MAGNETIC COMPLEXITY AND THE REGION IS NOW BETA-GAMMA WITH A POSSIBLE WEAK DELTA CONFIGURATION. THE REGION IS CURRENTLY CLASS/AREA F/750. AN ACTIVE PROMINENCE ON THE EAST LIMB NEAR S10 INDICATES THAT AN ACTIVE CENTER MAY BE APPROACHING. THE GEOMAGNETIC FIELD CONTINUES TO BE UNSETTLED.

B. CLASS M FLARE ACTIVITY IS EXPECTED TO INCREASE IN THE N08E01 REGION DURING THE NEXT 72 HOURS. MEDIUM TO LARGE CLASS M EVENTS CAN BE EXPECTED IF THIS REGION CONTINUES TO DEVELOP. SPORADIC CLASS C FLARES ARE EXPECTED FROM THE OTHER REGIONS ON THE DISK.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 02 FEB/0400Z ENDING 05 FEB/0400Z

CLASS M OR GREATER 70/75/80

CLASS X 05/05/05

PROTON EVENTS 01/02/05

D. OTTAWA 10.7 CM FLUXES FOR 01/1700Z AND 01/2000Z WERE 170 AND 173 RESPECTIVELY.

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HAUS BOU 021725

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 033B ISSUED 1700Z 02 FEB 1971

CLASS M FLARES ARE POSSIBLE IN THE NEXT 11 HOURS.

A. THERE HAS BEEN DAILY MINOR ACTIVITY IN THE PAST 13 HOURS. THE N08W07 REGION REMAINS BASICALLY BIPOLAR WITH A SMALL AREA OF COMPLEXITY IN ITS CENTER SECTION WHERE STRUCTURAL CHANGES HAVE BEEN OBSERVED. MOST OF THE MINOR ACTIVITY OBSERVED HAS BEEN IN THE S11W43 REGION BUT THESE SHOW NO TREND TOWARD HIGHER ENERGY LEVELS. THE GEOMAGNETIC FIELD HAS BEEN RELATIVELY QUIET.

B. INFREQUENT CLASS M FLARES ARE POSSIBLE FROM THE N08W07 AND S11W43 REGIONS. THE CONTRADICTORY NATURE OF THE N08W07 REGION INDICATES IT WILL PROBABLY PRODUCE ONE OR MORE CLASS M EVENTS AT INDETERMINATE TIMES IN THE NEXT 4 DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 02 FEB/1700Z ENDING 05 FEB/1700Z.

CLASS M OR GREATER 70/75/75

CLASS X 05/10/10

PROTON EVENTS 05/08/10

D. OTTAWA 10.7 CM FLUX FOR 02/1400Z WAS 164. PREDICTED 10.7 CM FLUX FOR 03-05 FEB IS 166/166/166.

E. MAGNETIC A-FREDERICKSBURG FOR 01 FEB WAS 13. FOR 02 FEB ABOUT 06. PREDICTED AP FOR 03-05 FEB, 05/05/08.

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