

KMSC

HAUS BOU 010400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 032A ISSUED 0400Z 01 FEBRUARY 1971

SPORADIC SMALL CLASS M EVENTS ARE EXPECTED WITHIN THE NEXT 13 HOURS.

A. THE REGION NEAR S11W21 HAS DOMINATED ACTIVITY THE PAST 24 HOURS. THIS REGION PRODUCED A CLASS M3 IMP 1N AT 31/0135Z, A CLASS M2 SUB-NORMAL AT 31/0710Z, AND A CLASS M3 IMP 1B AT 31/1106Z. FIVE OTHER REGIONS HAVE BEEN INACTIVE. ALL REGIONS ARE PRESENTLY MAGNETICALLY SIMPLE. INFREQUENT MINOR SURGING REPORTED ON EAST LIMB NEAR S15. ATIS-1 PROTON SENSORS ARE NEAR BACKGROUND LEVELS. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

B. A GENERALLY LOW LEVEL OF ACTIVITY IS EXPECTED FOR THE NEXT 72 HOURS. CLASS M EVENTS WILL LIKELY BE INFREQUENT AND SMALL. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN UNSETTLED FOR ANOTHER 12 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 01 FEB/0400Z ENDING 04 FEB/0400Z

CLASS M OR GREATER 80/70/60

CLASS X 05/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 31/1700Z AND 31/2000Z WERE 175 AND 180 RESPECTIVELY.

SOLTERWARN

SPAN

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NNNN1720

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KMSC

HAUS BOU 011720

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 032B ISSUED 1700Z 01 FEB 1971

FEW CLASS C'S WITH POSSIBLE ISOLATED CLASS M EXPECTED NEXT
12 HOURS.

A. INFREQUENT MINOR FLARES (OCCASIONALLY WITH WEAK X-RAYS)
IN THE REGION NEAR S10W30. THE RATHER LARGE, BUT MAGNETICALLY
SIMPLE REGION NEAR N06E06 IS PRODUCING ONLY ISOLATED CLASS C
FLARES. A SMALL, UNIMPRESSIVE REGION NEAR N05W41 IS
SURPRISINGLY THE SOURCE OF OCCASIONAL MINOR FLARES. TYPE I
AT 184 MHZ CONTINUES BUT IS SOMEWHAT ABATED. A WEAK TYPE I
DEKAMETRIC NOISE STORM IS ALSO BEING OBSERVED. THE GEOMAG-
NETIC FIELD REMAINS UNSETTLED.

B. THE ACTIVITY LEVEL IS EXPECTED TO CONTINUE GENERALLY
LOW FOR THE NEXT 24 HOURS WITH OCCASIONAL CLASS M EVENTS.
THE GEOMAGNETIC FIELD SHOULD BECOME QUIET WITHIN 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 01 FEB/1700Z ENDING 04 FEB/1700Z.

CLASS M OR GREATER 70/70/70

CLASS X 05/05/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 01/1400Z WAS 171. PREDICTED

10.7 CM FLUX FOR 02-04 FEB IS 168/166/164.

E. MAGNETIC A-FREDERICKSBURG FOR 31 JAN WAS 15. FOR 01 FEB
ABOUT 13. PREDICTED AP FOR 02-04 FEB, 10/08/08.

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