

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 IN 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.
ATS-1 PROTON SENSORS ARE NEAR BACKGROUND LEVELS. THE GEOMAGNETIC
FIELD HAS BEEN UNSETLED.

B. A GENERALLY LOW LEVEL OF ACTIVITY IS EXPECTED FOR THE NEXT 72
HOURS. CLASS M EVENTS WILL LIKELY BE INFREQUENT AND SMALL. THE GEO-
MAGNETIC FIELD IS EXPECTED TO REMAIN UNSETLED 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

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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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