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KMSC

HAUS BOU 220400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 053A ISSUED 0400Z 22 FEBRUARY 1971

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. ONLY A FEW NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED DURING THE PAST 11 HOURS. SMALL BSL ACTIVITY HAS BEEN OBSERVED AT NE05. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVEL. A RETURNING REGION IS EXPECTED IN ABOUT 24 HOURS IN THE NORTHEAST. IT WAS ONLY MODERATELY ACTIVE ON ITS LAST PASSAGE. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 22 FEB/0400Z ENDING 25 FEB/0400Z

CLASS M OR GREATER 65/60/50

CLASS X 05/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 21/1700Z AND 21/2000Z WERE 139 AND 138 RESPECTIVELY.

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KMSC

HAUS BOU 221705

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 053B ISSUED 1700Z 22 FEB 1971

ONLY CLASS C FLARE ACTIVITY IS EXPECTED DURING THE NEXT
11 HOURS.

A. ONLY MINOR SOLAR ACTIVITY HAS BEEN REPORTED TODAY
SINCE TODAY'S EARLIER MESSAGE. THE MAJORITY OF SUB-
FLARES HAVE STEMMED FROM TWO REGIONS, VIZ. THOSE NEAR
S17E16 AND N05E82. AN M3 EVENT WAS OBSERVED SHORTLY
BEFORE 21/1010Z WITHIN THE NEW NE GROUP. IN WHITE LIGHT
FURTHER SPOT GROWTH IS EVIDENT IN THE CENTRAL PORTION
OF THE FOLLOWER-DOMINANT S17E16 REGION WHILE ADDITIONAL
SPOTS ARE VISIBLE IN THE TRAILER OF THE S06E28 FEATURE.
GEOMAGNETIC CONDITIONS HAVE REMAINED QUIET.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 22 FEB/1700Z ENDING 25 FEB/1700Z.
CLASS M OR GREATER 60/60/60

CLASS X 05/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 22/1400Z WAS 142. (MAY BE
FLARE ENHANCED.) PREDICTED 10.7 CM FLUX FOR 23-25 FEB IS
137/132/126.

E. MAGNETIC A-FREDERICKSBURG FOR 21 FEB WAS 06. FOR 22 FEB
ABOUT 04. PREDICTED AP FOR 23-25 FEB, 03/09/13.

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