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HAUS BOU 200400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 079A ISSUED 0400Z 20 MARCH 1971

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

A. SOLAR ACTIVITY DURING THE PAST 11 HOURS HAS BEEN VERY LOW.

THE REGIONS ON THE DISK ALL APPEAR STABLE AND QUIET. ONE
NEW GROUP IS FORMING AT N08W24. SEVERAL SMALL NON ENERGETIC
SUBFLARES WERE OBSERVED IN THIS NEW REGION. THE GEO-
MAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. ONLY MINOR SOLAR ACTIVITY IS EXPECTED. THE GEOMAGNETIC
FIELD WILL HAVE PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 20 MAR/0400Z ENDING 23 MAR/0400Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 19/1700Z AND 19/2000Z WERE BOTH 110.
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HAUS BOU 201700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 079B ISSUED 1700Z 20 MARCH 1971

SPORADIC CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. DURING THE PAST 13 HOURS, SOLAR ACTIVITY HAS CONSISTED ENTIRELY OF NON-ENERGETIC SUBFLARES AND MINOR LIMB ACTIVITY. THE NEW REGION AT S14E28 CONTAINS ARCH-FILAMENTS, AND ITS SPOT GROUP HAS BECOME A D-TYPE. MINOR SPOT GROWTH HAS OCCURRED IN THE TRAILING PART OF THE S05W65 REGION. RECENT SURGE ACTIVITY NEAR NE 08 INDICATES THAT A NEW REGION PROBABLY LIES BEHIND THE LIMB AT THAT LOCATION. THE OTHER ACTIVE CENTERS ON THE DISK ARE STABLE OR DECLINING. UNSETTLED GEOMAGNETIC CONDITIONS HAVE BEEN OBSERVED DURING THE PAST 13 HOURS.

B. NO CHANGE

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 20 MAR/1700Z ENDING 23 MAR/1700Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 20/1400Z WAS 108. PREDICTED 10.7 CM FLUX FOR 21-23 MAR IS 109/110/110.

E. MAGNETIC A-FREDERICKSBURG FOR 19 MAR WAS 09. FOR 20 MAR ABOUT 12 PREDICTED AP FOR 21-23 MAR, 12/08/08.

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