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HAUS BOU 110400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 070A ISSUED 0400Z 11 MARCH 1971

ONLY CLASS C FLARES ARE LIKELY DURING THE NEXT 13 HOURS.

A. DURING THE PAST 11 HOURS, SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL, AND ONLY A FEW CLASS C EVENTS HAVE BEEN REPORTED. SLIGHT UMBRAL DEVELOPMENT HAS OCCURRED IN THE TRAILING PART OF THE REGION AT S07E03, BUT FEW OTHER SIGNIFICANT CHANGES HAVE BEEN OBSERVED IN THE OTHER REGIONS ON THE DISK. THE GEOMAGNETIC FIELD HAS GROWN PROGRESSIVELY MORE STABLE DURING THE PAST 11 HOURS, AND QUIET CONDITIONS ARE BEING OBSERVED AT THE TIME OF THIS MESSAGE.

B. QUIET SOLAR CONDITIONS ARE EXPECTED TO CONTINUE DURING THE 72-HOUR FORECAST PERIOD. SOME MINOR GEOMAGNETIC DISTURBANCE IS LIKELY TO OCCUR LATE 12 MARCH OR EARLY 13 MARCH.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 11 MAR/0400Z ENDING 14 MAR/0400Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 10/1700Z AND 10/2000Z WERE 111 AND 108 RESPECTIVELY.

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HAUS BOU 111700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 070B ISSUED 1700Z 11 MAR 1971

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS CONSISTED OF THREE SUBFAINT FLARES IN THE PAST 13 HOURS. ALL OF THE DISK REGIONS ARE SMALL, STABLE AND INACTIVE. MINOR SURGE ACTIVITY CONTINUES ON THE EAST LIMB WHERE SMALL REGIONS ARE RETURNING. CORONAL REPORTS INDICATE SOME ACTIVITY ON THE EAST LIMB.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 11 MAR/1700Z ENDING 14 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 11/1400Z WAS 111. PREDICTED 10.7 CM FLUX FOR 12-14 MAR IS 112/113/114.

E. MAGNETIC A-FREDERICKSBURG FOR 10 MAR WAS 15. FOR 11 MAR ABOUT 08 PREDICTED AP FOR 12-14 MAR, 08/13/16.

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