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HAUS BOU 240400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 083A ISSUED 0400Z 24 MARCH 1971

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

A. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE PAST 11 HOURS, AND ONLY A FEW NON-ENERGETIC EVENTS HAVE BEEN REPORTED. THE NEW ACTIVE CENTER AT S13E64 IS THE MOST INTERESTING DISK FEATURE, CONTAINING BRIGHT PLAGE AND A DEVELOPING D-TYPE SPOT GROUP. OTHER REGIONS ARE RELATIVELY STABLE OR DECLINING. THE GEOMAGNETIC FIELD HAS REMAINED QUIET DURING THE PAST 11 HOURS.

B. SOLAR FLARE ACTIVITY IS EXPECTED TO REMAIN NEAR ITS PRESENT LOW LEVEL, AND ONLY SPORADIC CLASS C EVENTS ARE EXPECTED DURING THE THREE-DAY FORECAST PERIOD. THERE IS A SMALL CHANCE THAT BORDERLINE CLASS M EVENTS MAY ORIGINATE IN THE S13E64 REGION IF DEVELOPMENT THERE CONTINUES. THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME MODERATELY DISTURBED SOMETIME DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 24 MAR/0400Z ENDING 27 MAR/0400Z.

CLASS M OR GREATER 25/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 23/1700Z AND 23/2000Z WERE 109 AND 108 RESPECTIVELY.

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HAUS BOU 241700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 83B ISSUED 1700Z 24 MAR 1971

OCCASIONAL CLASS C FLARES EXPECTED.

A. THE LOW LEVEL OF SOLAR ACTIVITY HAS CONTINUED WITH THE MOST ENERGETIC EVENT OF THE PAST 13 HOURS RECORDED AS CLASS C5 PEAKING AT 24/0539Z CORRELATED WITH A LATE DECAY PHASE-TYPE SUB-FLARE AT S14W30. THE S13E67 REGION HAS PEAKED IN DEVELOPMENT AND DOES NOT APPEAR THREATENING. A GEOMAGNETIC DISTURBANCE BEGAN YESTERDAY AT ABOUT 23/1500Z BUT HAS BEEN MINOR.

B. ONLY OCCASIONAL CLASS C FLARES ARE EXPECTED WITH A VERY SLIGHT CHANCE OF A CLASS M EVENT ORIGINATING AT S13E67. SOME INTENSIFICATION OF THE GEOMAGNETIC DISTURBANCE IS EXPECTED THROUGH TODAY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 24 MAR/1700Z ENDING 27 MAR/1700Z.

CLASS M OR GREATER 20/20/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 24/1400Z WAS 108. PREDICTED 10.7 CM FLUX FOR 25-27 MAR IS 106/105/105.

E. MAGNETIC A-FREDERICKSBURG FOR 23 MAR WAS 03. FOR 24 ABOUT 14 PREDICTED AP FOR 25-27, 18/15/12.

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