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KBOU

HFUS BOU 310500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 243A ISSUED 0500Z 31 AUGUST 1971

CLASS M EVENTS POSSIBLE FROM REGION 235 FOR NEXT 5 HOURS.

A. LIMB ACTIVITY CONTINUES FROM REGION 235 (S12W97). ALMOST AN M1 EVENT WAS REPORTED BY VELA BUT NO CORRESPONDING FLARE WAS REPORTED REGION 242 (S10E74) HAS PRODUCED ONLY CLASS C FLARES. REGION 238 (S04W63) IS QUIET. THE GEOMAGNETIC FIELD WAS QUIET UNTIL A POSSIBLE SUDDEN COMMENCEMENT AFFECTING ONLY NIGHTTIME OR NEAR NIGHTTIME STATIONS OCCURRED AT 30/2300Z.

B. AFTER NEXT 5 HOURS LOWER SOLAR ACTIVITY EXPECTED DUE TO ROTATION OF 315. UNSETTLED TO QUIET GEOMAGNETIC CONDITIONS EXPECTED THE NEXT 24-48 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 31 AUG/0000Z ENDING 2 SEP/2400Z

CLASS M OR GREATER 50/10/10

CLASS X 05/01/01

PROTON EVENTS 05/01/01

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HFUS BOU 312200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 243B ISSUED 2200Z 31 AUGUST 1971

ONLY CLASS C EVENTS EXPECTED.

A. NO ACTIVE CENTER EXISTS ON THE SOLAR DISK WITH ONLY UNIPOLAR SUNSPOTS REPORTED. THE GEOMAGNETIC FIELD HAS BEEN STRONGLY ACTIVE, APPROACHING MINOR MAGSTORM INTENSITY. THE GEOMAGNETIC DISTURBANCE BEGAN WITH A SUDDEN COMMENCEMENT AT 30/2303Z.

B. NO ENERGETIC FLARES ARE EXPECTED. THE GEOMAGNETIC FIELD SHOULD REMAIN UNSETTLED THE NEXT 18-24 HOURS AND THEN BECOME QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 01 SEP/0000Z ENDING 03 SEPT/2400Z.

CLASS M OR GREATER 02/02/05

CLASS X 00/00/00

PROTON EVENTS 00/00/00

D. OTTAWA 10.7 CM FLUXES FOR 31/1400Z, 31/1700Z AND 31/2000Z WERE 94, 94 AND 92 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 01-03 SEP IS 90/90/92.

E. MAGNETIC A-FREDERICKSBURG FOR 30 AUG WAS 05. FOR 31 AUG ABOUT 28 PREDICTED AP FOR 01-03 SEP, 12/04/06.

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