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HFUS BOU 290500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 241A ISSUED 0500Z 29 AUGUST 1971

A SINGLE, SMALL CLASS M EVENT SHOULD MARK THE UPPER LIMIT ON FLARE  
ENERGETICS DURING THE NEXT 24 HOURS.

A. NO MAJOR ACTIVITY AND NO DRAMATIC CHANGES HAVE BEEN OBSERVED  
ACROSS THE DISK. BOTH LIMBS ARE QUIET TOO. LOCAL 3-HOUR RANGE INDICES  
ARE NOT EXCEEDING K EQUAL 2.

B. NO CHANGE FROM PREVIOUS MESSAGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR  
PERIODS BEGINNING 29 AUG/0000Z ENDING 31 AUG/2400Z

CLASS M OR GREATER 80/80/70

CLASS X 10/12/05

PROTON EVENTS 25/25/15

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HFUS BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 241B ISSUED 2200Z 29 AUGUST 1971

CLASS M ACTIVITY IS POSSIBLE DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL. TWELVE CLASS C SUBFLARES HAVE BEEN REPORTED SINCE OUR LAST MESSAGE. THERE ARE ONLY TWO SUNSPOT GROUPS ON THE VISIBLE DISK--REGIONS 235 /S12W83/ AND 238 /S04W46/--AND BOTH ARE DECAYING. THE EAST LIMB IS QUIET. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. CLASS M LIMB EVENTS ARE POSSIBLE FROM REGION 235 FOR THE NEXT 36 HOURS. THEREAFTER SOLAR ACTIVITY IS EXPECTED TO DROP TO A VERY LOW LEVEL. UNSETTLED GEOMAGNETIC CONDITIONS ARE EXPECTED FOR THE NEXT 36 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 30 AUG/0000Z ENDING 01 SEP/2400Z.

CLASS M OR GREATER 75/30/15

CLASS X 10/05/01

PROTON EVENTS 15/10/01

D. OTTAWA 10.7 CM FLUXES FOR 29/1400Z, 29/1700Z AND 29/2000Z WERE 111, 110 AND 106 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 30 AUG-01 SEP IS 102/095/090.

E. MAGNETIC A-FREDERICKSBURG FOR 28 AUG WAS 05. FOR 29 AUG ABOUT 06. PREDICTED AP FOR 30 AUG-01 SEP, 12/10/08.

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