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KBOU HFUS BOU 100500Z

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 253A ISSUED 0500Z 10 SEP 1971

ONLY CLASS C FLARES ARE ANTICIPATED DURING THE NEXT 24 HOURS.

A. DURING THE PAST SEVEN HOURS, ONLY A FEW NON-ENERGETIC SUBFLARES HAVE BEEN REPORTED. REGION 246 (S08W87) AND REGION 250 (N03W90) HAVE REMAINED RELATIVELY STABLE RECENTLY AND HAVE PRODUCED ONLY SMALL SURGES ON THE WEST LIMB. SLIGHT DEVELOPMENT HAS OCCURRED IN REGION 249 (N17W55), AND A WEAK ARCH FILAMENT EMBEDDED IN COMPACT PLAGE IS VISIBLE AT THAT SITE. OTHER REGIONS ARE RELATIVELY UNIMPRESSIVE. THE GEOMAGNETIC FIELD HAS REMAINED QUIET.

B. NO CHANGE

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 SEP/0000Z ENDING 12 SEP/2400Z.

CLASS M OR GREATER 25/15/15

CLASS X 02/01/01

PROTON EVENTS 02/01/01

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KBOU

HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 253B ISSUED 2200Z 10 SEPT 1971

MINOR SOLAR ACTIVITY IS EXPECTED

A. NO ENERGETIC ACTIVITY HAS BEEN OBSERVED ALTHOUGH TWO REGIONS ON THE WEST LIMB, 246 /S08WL/ AND 250 /N03WL/, ARE PRODUCING SMALL X-RAY AND RADIO BURSTS FROM MINOR SURGE ACTIVITY. A RETURNING SPOT /REGION 279 AT N13E72/ HAS A SIMPLE PLAGE STRUCTURE AND DOES NOT APPEAR TO BE DEVELOPING AT THE PRESENT TIME. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. NO SIGNIFICANT EVENTS ARE EXPECTED. THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET WITH UNSETTLED PERIODS FOR THE NEXT THREE DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 11 SEPT/0000Z ENDING 13 SEPT/2400Z.

CLASS M OR GREATER 25/15/15

CLASS X 02/02/02

PROTON EVENTS 05/05/05

D. OTTAWA 10.7CM FLUXES FOR 10/1400Z, 10/1700Z AND 10/2000Z WERE 93, 90 AND 89 RESPECTIVELY. PREDICTED 10.7CM FLUX FOR 11-13 SEPT IS 88/90/95.

E. MAGNETIC A-FREDERICKSBURG FOR 09 SEPT WAS 07. FOR 10 SEPT ABOUT 06. PREDICTED AP FOR 11-13 SEPT IS 08/09/06.

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