

HFUS BOU 070500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 250A ISSUED 0500Z 07 SEPTEMBER 1971

CLASS M ACTIVITY IS POSSIBLE DURING THE NEXT 24 HOURS.

A. NEITHER SIGNIFICANT ACTIVITY NOR CHANGES HAVE OCCURRED SINCE OUR LAST MESSAGE. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE.

B. NO CHANGE.

C. NO CHANGE.

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HFUS BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 250B ISSUED 2200Z 07 SEPTEMBER 1971

CLASS C FLARES ARE EXPECTED WITH CLASS M FLARES POSSIBLE.

A. REGION 246 /S07W50/ HAS STABILIZED IN ALL PARAMETERS.

REGION 250 /N03W60/ HAS INVERTED MAGNETIC POLARITY AND

CLASSED AS A BETA-GAMMA /MT WILSON/. THIS REGION HAS A

MODERATE MAGNETIC GRADIENT. THE SOLAR LIMBS ARE QUIET.

THE GEOMAGNETIC FIELD HAS BEEN QUIET SINCE 07/0900Z.

B. THOUGH THE SUN HAS BEEN QUITE INACTIVE FLARE-WISE,

BOTH REGIONS 246 AND 250 HAVE THE POTENTIAL TO PRODUCE

CLASS M FLARES. THE GEOMAGNETIC FIELD IS EXPECTED TO

REMAIN QUIET TO SLIGHTLY DISTURBED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE

24 HOUR PERIODS BEGINNING 08 SEP/0000Z ENDING 10 SEP/2400Z.

CLASS M OR GREATER 50/50/40

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUX FOR 07/1400Z, 07/1700Z AND 07/2000Z

WERE 106, 106 AND 105 RESPECTIVELY. PREDICTED 10.7CM FLUX

FOR 08-10 SEP IS 103/100/98.

E. MAGNETIC A-FREDERICKSBURG FOR 06 SEP WAS 11. FOR 07

SEP ABOUT 11. PREDICTED AP FOR 08-10 SEP IS 06/05/05.

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