

HFUS BOU 080500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 251A ISSUED 0500Z 08 SEPT 1971

CLASS M EVENTS ARE POSSIBLE DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL FOR THE PAST 24 HOURS. DISK REGIONS HAVE BEEN STABLE OR DECLINING AND THE LIMBS REMAIN QUIET. THE DEEP RIVER NEUTRON MONITOR COUNTING RATE IS ABOUT 2 PERCENT BELOW NORMAL. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 08 SEPT/0000Z ENDING 10 SEPT/2400Z.

CLASS M OR GREATER 40/30/30

CLASS X 02/02/02

PROTON EVENTS 02/02/02

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HFUS BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 251B ISSUED 2200Z 08 SEP 1971

ONLY CLASS C FLARES ARE EXPECTED BUT A CLASS M FLARE IS POSSIBLE.

A. NO ENERGETIC FLARES OCCURRED DURING THE PAST 17 HOURS. AN IMP 1F FLARE WAS REPORTED IN PROGRESS AT 1855Z SOUTHWEST OF THE LEADER OF REGION 246 /S07W65/. THIS FLARE ENDED AT 2036Z. A WEAK DEKAMETRIC CONTINUUM BEGAN AT APPROXIMATELY 1952Z AND ENDED AT 2041Z. THE GEOMAGNETIC FIELD HAS BEEN QUIET SINCE 1000Z.

B. REGIONS 246 AND 250 /N03W73/ STILL RETAIN SOME POTENTIAL FOR A POSSIBLE CLASS M EVENT. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET TO SLIGHTLY UNSETLED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 09 SEP/0000Z ENDING 11 SEP/2400Z.

CLASS M OR GREATER 40/40/30

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUXES FOR 08/1400Z, 08/1700Z AND 08/2000Z WERE 103, 102 AND 107 RESPECTIVELY. PREDICTED 10.7CM FLUX FOR 09-11 SEP IS 100/97/94.

E. MAGNETIC A-FREDERICKSBURG FOR 07 SEP WAS 17. FOR 08 SEP ABOUT 10. PREDICTED AP FOR 09-11 SEP IS 07/04/07.

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