

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 225B ISSUED 2200Z 13 AUG 1971

CLASS C FLARES ARE EXPECTED.

A. THE MOST ENERGETIC FLARE HAS BEEN A CLASS C4 FLARE BEGINNING AT 13/0614Z. OPTICALLY IT WAS REPORTED AS 1N/1B IN REGION 222 /S08W50/. THE OTHER FLARE ACTIVITY HAS BEEN LESS ENERGETIC AND NO DEVELOPMENT HAS BEEN REPORTED IN THE CURRENT DISK REGIONS. MINOR LIMB SURGES ARE BEING REPORTED AROUND NE15. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

B. ONLY SCATTERED CLASS C FLARES ARE EXPECTED. A TREND TOWARD MORE SETTLED GEOMAGNETIC CONDITIONS IS EXPECTED FOR ANOTHER 24 HOURS AND THEN A MORE DISTURBED PERIOD IS EXPECTED TO BEGIN.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14/0000Z ENDING 16/2400Z.

CLASS M OR GREATER 15/15/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 13/1400Z, 13/1700Z AND 13/2000Z WERE 100, 99 AND 98 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 14-16 AUG IS 98/98/100.

E. MAGNETIC A-FREDERICKSBURG FOR 12 AUG WAS 10. FOR 13 AUG ABOUT 08 PREDICTED AP FOR 14-16, 8/10/15.

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