

BOULDER FORECAST

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HFUS BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 176 ISSUED 2200Z 24 JUNE 1972

A. SOLAR ACTIVITY FOR THIS PERIOD WAS RELATIVELY LOW WITH REGIONS 248 /S08W34/ AND 256 /N08E24/ PROVIDING THE BULK OF THE OBSERVED SUBFLARE ACTIVITY. THE ONLY EVENT OF PARTICULAR INTEREST WAS AN OPTICALLY CLASSIFIED SB FLARE WHICH ORIGINATED IN REGION 256 AT 24/1921Z /MAX/. THIS EVENT WAS ACCCOMPANIED BY A VERY SMALL RADIO BURST AND X-RAYS SUFFICIENT TO CAUSE SWFS AND SPAS. THE MAGNETIC FIELD HAS CONTINUED TO BE UNSETLED.

B. FURTHER ACTIVITY CAN BE EXPECTED FROM REGION 248 /S08W34/ AND 256 /N08E24/. BOTH RETAIN MAGNETIC STRUCTURE SUITABLE FOR ENERGETIC ACTIVITY. SIGNIFICANT CHANGE IN THE LEVEL OF ACTIVITY IS NOT EXPECTED. THE MAGNETIC FIELD CAN BE EXPECTED TO STABILIZE SLOWLY OVER THE NEXT 72 HOURS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 25 JUN/0000Z AND ENDING 27 JUN/2400Z.

CLASS M OR GREATER 70/70/65

CLASS X 10/10/05

PROTON 05/05/01

D. OTTAWA 10.7 CM FLUX FOR 24 JUN/1700Z WAS 124.4. PREDICTED 10.7 CM FLUX FOR 25 JUN-27 JUN IS 122/120/119.

E. FREDERICKSBURG A-INDEX FOR 23 JUN WAS 10. FOR 24 JUN ABOUT 10. PREDICTED A-FREDERICKSBURG FOR 25-27 JUN IS 10/09/09.

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