

HFUS BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 118 ISSUED 2200Z 27 APRIL 1972

A. ONLY MINOR ACTIVITY HAS BEEN REPORTED. THIRTEEN SUBFLARES HAVE BEEN OBSERVED, MOSTLY FROM REGIONS 165 /N08W67/ AND 166 /N09W81/. LIMB ACTIVITY HAS BEEN OBSERVED NEAR NW10 AND SW10 DUE TO DEPARTING REGIONS 166 AND 148 RESPECTIVELY. REGION 165 HAS CONTINUED ITS RAPID GROWTH. THE GEOMAGNETIC FIELD HAS BEEN DISTURBED SINCE 27/1500Z.

B. REGION 165 WILL CONTINUE TO PRODUCE MINOR ACTIVITY AND POSSIBLE A CLASS M EVENT. REGION 166 WILL DECLINE. THE GEOMAGNETIC FIELD WILL BE UNSETTLED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 28/0000Z ENDING 30/2400Z.

CLASS M OR GREATER 30/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 27/1400Z AND 27/1700Z WERE 110 AND 109 RESPECTIVELY. PREDICTED 10.7CM FLUX FOR 28-30 APR IS 110/110/112.

E. MAGNETIC A-FREDERICKSBURG FOR 26 APR WAS 02. FOR 27 APR ABOUT 07. PREDICTED AP FOR 28-30 APR IS 06/08/08.

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