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HFUS BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 079 ISSUED 2200Z 19 MAR 1972

A. ACTIVITY HAS BEEN LOW. REGION 109 /S18E17/ HAS BEEN THE MOST ACTIVE AND HAS REMAINED AT FAIRLY HIGH INTENSITY ALL DAY. REGION 111 /N09E62/ HAS PRODUCED ONE SUBFLARE AND HAS SHOWN CONSIDERABLE SPOT GROWTH OVERNIGHT. REGION 105 /N10E04/ HAS BEEN THE SECOND MOST ACTIVE REGION. ALL OTHER REGIONS ARE STABLE OR DECLINING. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 24 HOURS.

B. CONTINUED NON-ENERGETIC FLARE ACTIVITY EXPECTED FROM REGIONS 109, 105, AND 111. THE GEOMAGNETIC FIELD WILL BE QUIET THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 20 MAR/0000Z ENDING 22 MAR/2400Z.

CLASS M OR GREATER 35/35/35

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 18/1400Z, 18/1700Z AND 18/2000Z WERE 132, 132 AND 132 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 20-22 MAR IS 130/128/126.

E. MAGNETIC A-FREDERICKSBURG FOR 18 MAR WAS 10. FOR 19 MAR ABOUT 04 PREDICTED AP FOR 20-21 MAR, 06/06/08.

SOLTERWARN

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