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HFUS BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 082 ISSUED 2200Z 22 MAR 1972

NON-ENERGETIC SUBFLARE ACTIVITY EXPECTED TO CONTINUE. CHANCE OF A SMALL CLASS M FROM REGIONS 105 OR 111.

A. A CLASS M-1 EVENT OCCURRED AT 22/0510Z FROM REGION 106 AT S07W57. THE SPOT GROUP ASSOCIATED WITH THIS REGION HAS SINCE DISAPPEARED, AND NO FURTHER ACTIVITY IS EXPECTED FROM THIS REGION. REGIONS 105 AT N11W30 AND 111 AT N09E25 BOTH SHOW SOME DEVELOPMENT IN WHITE LIGHT AND BOTH HAVE PRODUCED SMALL CLASS C FLARES DURING THE PAST 24 HOURS. AT PRESENT HOWEVER, THEY DO NOT APPEAR TO HAVE THE MAGNETIC COMPLEXITY REQUIRED FOR CLASS M FLARE PRODUCTION. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. CONTINUED NON-ENERGETIC FLARE ACTIVITY AND A FEW CLASS C EVENTS EXPECTED FROM REGIONS 105 AND 111. CHANCE OF A SMALL CLASS M EVENT IF REGIONS CONTINUE TO DEVELOP. THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME UNSETTLED DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 23 MAR/0000Z ENDING 25 MAR/2400Z.

CLASS M OR GREATER 30/30/30

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 22/1400Z, 22/1700Z AND 22/2000Z WERE 131, 132 AND 129 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 23-25 MAR ARE 130/130/130.

E. MAGNETIC A-FREDERICKSBURG FOR 21 MAR WAS 04. FOR 22 MAR ABOUT 06. PREDICTED AP FOR 23-25 MAR, 12/10/05.

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