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HFUS BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 025 ISSUED 2200Z 15 MAR 1972

A SMALL INCREASE IN ACTIVITY IS EXPECTED DURING THE NEXT 2 DAYS.

A. SPORADIC NON-ENERGETIC SUBFLARES CONTINUE TO CHARACTERIZE DISK ACTIVITY. ONLY ONE NEW PORE-LIKE GROUP HAS APPEARED SINCE YESTERDAY. CONSIDERABLE DEVELOPMENT HAS TAKEN PLACE WITHIN REGION 097 /N08W03/ WHILE THE SOMEWHAT DISTENDED 093 /N15W21/ IS FRAGMENTING IN ITS FOLLOWING PORTION. NO DISK FEATURE AT THIS TIME HAS AN AREA EXCEEDING 200 MILLIONTHS. MOREOVER, ALL MAGNETIC NEUTRAL LINES DISPLAY SMOOTH CONTINUOUS CURVES. LIMB ACTIVITY HAS BEEN CONFINED TO THE SW QUADRANT NEAR ABOUT S10. SURGES UP TO IMPORTANCE ONE HAVE BEEN OBSERVED THERE OFF AND ON TODAY. QUIET CONDITIONS PREVAIL GEOMAGNETICALLY.

B. NO EVENT MORE ENERGETIC THAN A LOW LEVEL M FLARE IS EXPECTED IN THE NEXT 24 TO 48 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 16 MAR/0000Z ENDING 18 MAR/2400Z.

CLASS M OR GREATER 45/55/45

CLASS X 03/05/03

PROTON EVENTS 05/15/10

D. OTTAWA 10.7 CM FLUXES FOR 15/1400Z, 15/1700Z AND 15/2000Z WERE 138, 136 AND 136 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 16-18 MARCH IS 137/136/130.

E. MAGNETIC A-FREDERICKSBURG FOR 14 MAR WAS .05. FOR 15 MAR ABOUT 04 PREDICTED AP FOR 16-18 MAR, 07/08/10.

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