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HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 131 ISSUED 2200Z 10 MAY 1972

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. CLASS C1 X-RAY EVENTS HAVE BEEN ASSOCIATED WITH SUBFLARES IN REGIONS 178 /N07W24/, 180 /N17W26/ AND 184 /S07E59/. REGION 176 /S14W26/ CONTINUES TO DECLINE. REGION 180 HAS CONTINUED TO GROW AND SHOWS SLIGHT PENUMBRAL FRAGMENTATION AROUND INTERMEDIATE SPOTS. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. ACTIVITY IS EXPECTED TO CONTINUE AT THE SAME LEVEL. THE GEOMAGNETIC FIELD SHOULD REMAIN QUIET UNTIL AN EXPECTED SECTOR BOUNDARY PASSAGE ON 13-14 MAY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 11 MAY/0000Z ENDING 13 MAY/2400Z.

CLASS M OR GREATER 15/20/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 10/1400Z, 10/1700Z AND 10/2000Z WERE 134, 136 AND 135 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 11-13 MAY IS 135/134/134.

E. MAGNETIC A-FREDERICKSBURG FOR 09 MAY WAS 11. FOR 10 MAY ABOUT 08. PREDICTED AP FOR 11-13 MAY, 05/04/15.

SOLTERWARN

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