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HFUS BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 127 ISSUED 2200Z 06 MAY 1972

A. SOLAR ACTIVITY REMAINS VERY LOW. THE NEW REGION 180 /N19E29/ HAS BEEN THE MOST ACTIVE REGION PRODUCING ONLY NON-ENERGETIC SUBFLARES. THIS REGION CONTINUES TO DEVELOP. THE ONLY OTHER REGION TO PRODUCE A SUBFLARE IS REGION 176 /S14E24/. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE PAST 24 HOURS.

B. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL. REGIONS 180 AND 176 WILL REMAIN THE PRIMARY SOURCES OF NON-ENERGETIC SUBFLARES. THE GEOMAGNETIC FIELD WILL BE QUIET THE NEXT FEW DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOU PERIODS BEGINNING 07 MAY/0000Z ENDING 09 MAY/2400Z.

CLASS M OR GREATER 10/10/10

CLASS X 01/01/01

PROTON EVENTS. 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 06/1400Z, 06/1700Z AND 06/2000Z WERE 117, 116 AND 116 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 07-09 MAY IS 115/120/120.

E. MAGNETIC A-FREDERICKSBURG FOR 05 MAY WAS 07. FOR 06 MAY ABOUT 08. PREDICTED AP FOR 07-09 MAY, 06/05/05.

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