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KBOU

HFUS BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 144 ISSUED 2200Z 23 MAY 1972

A. SOLAR ACTIVITY FOR THIS PERIOD HAS REMAINED AT A LOW LEVEL WITH ONLY MINOR SUBFLARE ACTIVITY OBSERVED FROM DISK FEATURES. REGIONS 186 /S05W80/, 193 /S13W43/ AND THE 195 /N13W43/-197 /N15W43/ COMPLEX MAKE UP THE ONLY SIGNIFICANT REGIONS ON THE DISK AT THIS TIME. ALL OF THESE REGIONS SEEM TO BE IN A STATE OF SLOW DECAY AT THIS TIME. LIMB ACTIVITY IN THE AREA OF NE10, ASSOCIATED WITH A M-2 EVENT AT 23/0030Z, IS THE MOST INTERESTING FEATURE OBSERVED THIS PERIOD. THE GEOMAGNETIC FIELD HAS REMAINED QUIET.

B. FURTHER ENERGETIC ACTIVITY IS NOT LIKELY FROM REGIONS NOW ON THE DISK. THE ACTIVITY FROM THE LIMB IN THE AREA OF NE10 MAY PROVIDE FURTHER ENERGETIC ACTIVITY, BUT OBSERVATIONS ARE SKETCHY AT THIS TIME. THE GEOMAGNETIC FIELD MAY BECOME SLIGHTLY UNSETTLED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 24/0000Z ENDING 26/2400Z.

CLASS M OR GREATER 40/45/50

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 23/1400Z, 23/1700Z AND 23/2000Z WERE 135, 132 AND 132 RESPECTIVELY. PREDICTED 10.7CM FLUX FOR 24-26 MAY IS 127/124/122.

E. MAGNETIC A-FREDERICKSBURG FOR 22 MAY WAS 07. FOR 23 MAY ABOUT 05. PREDICTED AP FOR 24-26 MAY IS 10/14/18.

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