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HFUS BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 104 ISSUED 2200Z 13 APR 1972

A. SOLAR ACTIVITY REMAINS AT A LOW LEVEL. REGION 133/S07W19/ HAS PRODUCED FIVE NON-ENERGETIC SUBFLARES THUS FAR THIS ZULU DAY. THE REGION MAY HAVE A SLIGHT MAGNETIC POLARITY MIXTURE. THE FILAMENT SOUTH OF THE REGION HAS BEEN ACTIVE IN BOTH WINGS. AN IMP 2 BSL NEAR NE18 MAY INDICATE A NEW REGION APPROACHING EAST LIMB. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

B. SOLAR ACTIVITY AND THE GEOMAGNETIC FIELD IS EXPECTED TO BE LOW AND UNSETTLED RESPECTIVELY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14 APR/0000Z ENDING 16 APR/2400Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 13/1400Z, 13/1700Z AND 13/2000Z WERE 125, 129 AND 124 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 14-16 APR IS 123/121/117.

E. MAGNETIC A-FREDERICKSBURG FOR 12 APR WAS 09. FOR 13 APR ABOUT 09 PREDICTED AP FOR 14-16 APR, 09/08/06.

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