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HFUS BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 107 ISSUED 2200Z 16 APR 1972

A. SOLAR ACTIVITY HAS BEEN LOW. REGION 148/S11E62/ HAS BEEN THE MOST INTERESTING AND ENERGETIC REGION HAVING PRODUCED TWO C TYPE FLARES AND A SMALL RADIO EVENT. IT APPEARS TO BE INTERACTING WITH REGION 147/S11E49/. OTHER REGIONS PRODUCING NON-ENERGETIC FLARES ARE 133/S05W57/, 137/S09W31/, AND 146/S06E15/. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY WILL BE LOW WITH REGION 148 PRODUCING C TYPE FLARES. THE GEOMAGNETIC FIELD WILL BE QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 17 APR/0000Z ENDING 19 APR/2400Z.

CLASS M OR GREATER 35/40/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 16/1400Z, 16/1700Z AND 16/2000Z WERE 123, 123 AND 122 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 17-19 APR IS 125/120/120.

E. MAGNETIC A-FREDERICKSBURG FOR 15 APR WAS 07. FOR 16 APR ABOUT 04 PREDICTED AP FOR 17-19 APR, 04/05/05.

SOLTERWARN

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