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HFUS BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 121 ISSUED 2200Z 30 APRIL 1972

A. GEOMAGNETIC FIELD REMAINS ACTIVE. THE GEOMAGNETIC ACTIVITY CONTINUES TO PEAK BETWEEN 1700-0500 LST. NO SOLAR FLARES HAVE BEEN REPORTED. ALL REGIONS ARE EITHER STABLE OR DECLINING.

B. CONTINUED VERY LOW SOLAR ACTIVITY THE NEXT 48 HOURS. A WEAK SECTOR BOUNDARY EXPECTED TO PASS EARTH ON 01 MAY WITH MAGNETIC ACTIVITY INCREASING ON 02 MAY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 01 MAY/0000Z ENDING 03 MAY/2400Z.

CLASS M OR GREATER 10/10/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 30/1400Z, 30/1700Z AND 30/2000Z WERE 097, 096 AND 093 RESPECTIVELY.

PREDICTED 10.7CM FLUX FOR 01-03 MAY IS 100/100/100.

E. MAGNETIC A-FREDERICKSBURG FOR 29 APR WAS 24. FOR 30 APR ABOUT 14. PREDICTED AP FOR 01-03 MAY, 10/12/15.

SOLTERWARN

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