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HFUS BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 120 ISSUED 2200Z 29 APRIL 1972

THE GEOMAGNETIC FIELD HAS BEEN ACTIVE.

A. AT 0400Z THE GEOMAGNETIC FIELD BECAME ACTIVE AND HAS REMAINED ACTIVE UNTIL 1700Z WHEN IT BECAME UNSETTLED. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY A SUBFLARE FROM REGION 164 /N04W25/ BEING REPORTED. ALL OTHER REGIONS ARE STABLE OR DECLINING.

B. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL. THE GEOMAGNETIC FIELD WILL REMAIN UNSETTLED THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 30 APR/0000Z ENDING 02 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 29/1400Z, 29/1700Z AND 29/2000Z WERE 098, 097 AND 094 RESPECTIVELY.

PREDICTED 10.7CM FLUX FOR 30 APR-02 MAY IS 100/100/105.

E. MAGNETIC A-FREDERICKSBURG FOR 28 APR WAS 16. FOR 29 APR ABOUT 22. PREDICTED AP FOR 30 APR-02 MAY, 10/08/12.

SOLTERWARN

SPAN

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