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HFUS BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 108 ISSUED 2200Z 17 APRIL 1972

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL. REGION 148 /S09E49/ HAS PRODUCED MOST OF THE ACTIVITY. A SMALL IMPORTANCE IN FLARE OCCURRED IN REGION 148 AT 17/1011Z. ALL EVENTS HAVE APPARENTLY BEEN CLASS C. REGION 148 IS DEVELOPING SLOWLY. SUBTLE INTERACTION IS CONTINUING BETWEEN REGIONS 147 /S11E36/ AND 148. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SUBFLARE ACTIVITY IS EXPECTED FROM REGION 148 DURING THE NEXT 72 HOURS. A FEW EVENTS MAY REACH SMALL CLASS M. THE GEOMAGNETIC FIELD WILL BE QUIET TO MILDLY UNSETTLED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 18 APR/0000Z ENDING 20 APR/2400Z. CLASS M OR GREATER 40/40/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 17/1400Z, 17/1700Z AND 17/2000Z WERE 119, 119 AND 126 RESPECTIVELY. PREDICTED 10.7CM FLUX FOR 18-20 APRIL IS 128/132/133.

E. MAGNETIC A-FREDERICKSBURG FOR 16 APR WAS 06. FOR 17 APR ABOUT 05. PREDICTED AP FOR 18-20 APR IS 07/07/10.

SOLTERWARN

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