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HFUS BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 119 ISSUED 2200Z 28 APRIL 1972

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. REGION 165 /N10W79/ HAS PRODUCED VIRTUALLY ALL THE DISK ACTIVITY. SOME BSLs AND APRs HAVE BEEN REPORTED ON THE WEST LIMB, APPARENTLY DUE TO DEPARTING REGION 148. A SECTOR BOUNDARY WAS REPORTED AT W24 AT 28/1130Z. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

B. ACTIVITY FROM REGION 165 WILL DECLINE AS THAT REGION DEPARTS. REGIONS 169 /N17W17/ AND 171 /S15W10/ MAY GROW AND PRODUCE MINOR ACTIVITY. THE GEOMAGNETIC FIELD WILL CONTINUE UNSETTLED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 4 HOUR PERIODS BEGINNING 29 APR/0000Z ENDING 01 MAY/2400Z.

CLASS M OR GREATER 25/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 28/1400Z, 28/1700Z AND 28/2000Z WERE 103, 102 AND 101 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 29 APR-01 MAY IS 108/107/108.

E. MAGNETIC A-FREDERICKSBURG FOR 27 APR WAS 05. FOR 28 APR ABOUT 14. PREDICTED AP FOR 29 APR-01 MAY, 10/10/08.

SOLTERWARN

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