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HFUS BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 117 ISSUED 2200Z 26 APRIL 1972

A. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL. THREE SUBFLARES REPORTED DURING THE LAST 24 HOURS, THE LAST ONE BEING AT 26/0921Z. ALL FLARES WERE IN REGION 165 /N08W49/. THIS REGION HAS EXPERIENCED SIGNIFICANT GROWTH AND AT LAST REPORT IT CONTAINED ACTIVE DARK FILAMENTS AND BRIGHT PLAGE. OTHER REGIONS HAVE BEEN STABLE. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL FOR THE NEXT 72 HOURS. THE GEOMAGNETIC FIELD WILL BE QUIET TO MILDLY UNSETTLED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27 APR/0000Z ENDING 29 APR/2400Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 26/1400Z AND 26/1700Z WERE 111 AND 108. PREDICTED 10.7 CM FLUX FOR 27-29 APRIL IS 110/110/110.

E. MAGNETIC A-FREDERICKSBURG FOR 25 APR WAS 04. FOR 26 APR ABOUT 04. PREDICTED AP FOR 27-29 APR, 07/08/08.

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