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HFUS BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 115 ISSUED 2200Z 24 APRIL 1972

A. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL. THREE SUB-FAINT FLARES REPORTED DURING THE LAST 24 HOURS. SMALL BUT GROWING REGIONS ARE LOCATED NEAR S03W45 /160/, S14E04/161/, S11W34 /163/, N04E42 /164/ AND N08W23 /165/. THE OLD 148 STRUCTURE /S09W42/ CONTINUES TO DECAY SLOWLY. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. INFREQUENT CLASS C SUBFLARES ARE EXPECTED DURING THE NEXT 72 HOURS. THE GEOMAGNETIC FIELD WILL BE QUIET TO UNSETTLED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 25 APR/0000Z ENDING 27 APR/2400Z.

CLASS M OR GREATER 25/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 24/1400Z AND 24/1700Z WERE 110 AND 109. PREDICTED 10.7 CM FLUX FOR 25-27 APR IS 110/110/110.

E. MAGNETIC A-FREDERICKSBURG FOR 23 APR WAS 11. FOR 24 APR ABOUT 06 PREDICTED AP FOR 25-27 APR, 08/09/09.

SOLTERWARN

SPAN

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