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HFUS BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 116 ISSUED 2200Z 25 APR 1972

A. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 165/N08W36/ HAS BEEN THE MOST ACTIVE AND INTERESTING REGION WITH EMBEDDED ARCH FILAMENTS AND NEAR FLARE ENHANCEMENTS. REGIONS 148/S09W54/, 166/N08W54/ AND 167/N13W16/ HAVE PRODUCED AN OCCASIONAL SUBFLARE. ALL OTHER REGIONS ARE EITHER STABLE OR DECLINING. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY EXPECTED TO REMAIN LOW THE NEXT 24 HOURS. REGION 165 HOLDS THE MOST PROMISE FOR INCREASED ACTIVITY. THE GEOMAGNETIC FIELD WILL BE QUIET TO UNSETTLED THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26 APR/0000Z ENDING 28 APR/2400Z.

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 25/1400Z, 25/1700Z AND 25/2000Z WERE 112, 110 AND 109 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 26-28 APR IS 110/110/110.

E. MAGNETIC A-FREDERICKSBURG FOR 24 APR WAS 05. FOR 25 ABOUT 03 PREDICTED AP FOR 26-28 APR, 10/07/06.

SOLTERWARN

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