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HFUS BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 097 ISSUED 2200Z 06 APRIL 1972

A. WITH THE EMERGENCE OF REGION 132/N08E15/ AND THE ROTATION OF REGIONS 133/S06E76/ AND 134/S15E71/ ONTO THE VISIBLE DISK, THE TOTAL SUNSPOT AREA HAS TRIPLED SINCE YESTERDAY. ALTHOUGH THERE HAS BEEN A CORRESPONDING INCREASE IN SOLAR RADIO EMISSION, FLARE ACTIVITY REMAINS AT A LOW LEVEL WITH ONLY 3 NON-ENERGETIC SUBFLARES DURING THE PAST 24 HOURS. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET WITH UNSETTLED CONDITIONS BETWEEN 0900 AND 1500Z TODAY.

B. A SLIGHT INCREASE IN SUBFLARE ACTIVITY IS EXPECTED. THIS FLARE ACTIVITY SHOULD BE CONFINED TO NON-ENERGETIC EVENTS WITH AN OCCASIONAL CLASS C EVENT. GENERALLY QUIET GEOMAGNETIC CONDITIONS ARE EXPECTED DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 07/0000Z ENDING 09/2400Z.

CLASS M OR GREATER 15/15/15

CLASS X 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUXES FOR 06 APR/1400Z, 06/1700Z AND 06/2000Z WERE 115, 113 AND 115 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 07-09 APRIL ARE 120/125/130.

E. MAGNETIC A-FREDERICKSBURG FOR 05 APR WAS 11. FOR 06 APR ABOUT 03 PREDICTED AP FOR 07-09 APR, 07/06/08.

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