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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 096 ISSUED 2200Z 05 APRIL 1972

A. SOLAR ACTIVITY REMAINS AT A LOW LEVEL WITH ONLY SMALL, MAGNETICALLY SIMPLE SUNSPOTS ON THE VISIBLE DISK. FREQUENT, BUT SMALL SURGES ARE STILL BEING OBSERVED NEAR S12 ON THE EAST LIMB. A BRIGHT PLAGE CAN NOW BE SEEN CROSSING THE LIMB IN THIS AREA. A LARGE FILAMENT ERUPTED ON THE WEST LIMB TODAY AT 0300Z, BUT NO GEOPHYSICAL EFFECTS ARE EXPECTED FROM THIS EVENT. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED DURING THE PAST 24 HOURS WITH AN ACTIVE PERIOD BETWEEN 0300 AND 0600Z TODAY. SINCE 1630Z THE FIELD HAS BEEN QUIET.

B. SLIGHT INCREASE IN SOLAR ACTIVITY EXPECTED AS REGION NOW ON EAST LIMB ROTATES ONTO DISK. GENERALLY QUIET, WITH OCCASIONAL PERIODS OF UNSETTLED GEOMAGNETIC CONDITIONS ARE EXPECTED DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 06 APR/0000Z ENDING 08 APR/2400Z. CLASS M OR GREATER 10/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 05/1400Z, 05/1700Z AND 05/2000Z WERE 105, 105 AND 106 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 06-08 APRIL ARE 108/110/112.

E. MAGNETIC A-FREDERICKSBURG FOR 04 APR WAS 15. FOR 05 APR ABOUT 10. PREDICTED AP FOR 06-08 APR, 08/06/06.

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