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HFUS BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 125 ISSUED 2200Z 04 MAY 1972

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. REGION 176 /S14E50/ HAS PRODUCED ALL THE FLARE ACTIVITY. THE SPOT GROUP ASSOCIATED WITH THE REGION HAS DOUBLED IN AREA BUT REMAINS RELATIVELY SMALL WITH AN AREA OF 150 MILLIONTHS. MINOR SURGES ON THE EAST LIMB NEAR S03 INDICATE THAT A NEW REGION MAY BE APPROACHING. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. REGION 176 WILL CONTINUE TO PRODUCE MINOR ACTIVITY. GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 05 MAY/0000Z ENDING 07 MAY/2400Z. CLASS M OR GREATER 10/15/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 04/1400Z AND 04/1700Z WERE 101 AND 101 RESPECTIVELY. PREDICTED 10.7CM FLUX FOR 05-07 MAY IS 103/106/108.

E. MAGNETIC A-FREDERICKSBURG FOR 03 MAY WAS 07. FOR 04 MAY ABOUT 05. PREDICTED AP FOR 05-07 MAY IS 06/07/07.

SOLTERWARN

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