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HFUS BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 135 ISSUED 2200Z 14 MAY 1972

A. MODERATE SOLAR ACTIVITY CONTINUES. REGION 186/S04E41/ AND 193/S13E74/ ARE THE MOST INTERESTING REGIONS ON THE DISK, BUT HAVE PRODUCED ONLY CLASS C SUBFLARES. OTHER REGIONS PRODUCING NON-ENERGETIC SUBLFARES ARE 176/S14W83/, 178/N07W80/, 180/N17W82/, 184/S06E03/, 189/S02E50/, 191/N14E15/ AND 183/N14W69/. REGION 186 SEEMS TO BE SIMPLIFYING. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. MODERATE SOLAR ACTIVITY TO CONTINUE WITH REGION 186 OR 193 POSSIBLY PRODUCING A CLASS M X RAY EVENT. THE GEOMAGNETIC FIELD WILL BE UNSETLED THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 15 MAY/0000Z ENDING 17 MAY/2400Z.

CLASS M OR GREATER 45/45/45

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 14/1400Z, 14/1700Z AND 14/2000Z WERE 166, 159 AND 163 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 15-17 MAY IS 165/165/165.

E. MAGNETIC A-FREDERICKSBURG FOR 13 MAY WAS 06. FOR 14 MAY ABOUT 04 PREDICTED AP FOR 15-17 MAY, 10/08/05.

SOLTERWARN

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