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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 078 ISSUED 2200Z 18 MAR 1972

A. ACTIVITY HAS BEEN LOW. REGIONS 109 /S18E30/ AND 105 /N11E18/ HAVE BEEN ACTIVE THE PAST 24 HOURS. REGION 109 AND 105 EACH HAVE PRODUCED A SMALL RADIO BURST AT 1714Z AND 1615Z RESPECTIVELY. REGION 109 CONTINUES TO DEVELOP. A PROMISING NEW REGION 111 /N11E78/ HAS JUST COME OVER THE LIMB. ALL OTHER REGIONS ARE STABLE OR DECLINING. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE PAST 24 HOURS.

B. CONTINUED NON-ENERGETIC FLARE ACTIVITY EXPECTED THE NEXT 24 HOURS PRIMARILY FROM REGION 111, 109 AND 105. THE GEOMAGNETIC FIELD WILL BE UNSETTLED THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 19 MAR/0000Z ENDING 21 MAR/2400Z.

CLASS M OR GREATER 35/35/35

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 18/1400Z, 18/1700Z AND 18/2000Z WERE 135, 133 AND 134 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 19-21 MAR IS 135/135/133.

E. MAGNETIC A-FREDERICKSBURG FOR 17 MAR WAS 13. FOR 13 MAR ABOUT 11. PREDICTED AP FOR 19-21 MAR, 12/12/10.

SOLTERWARN

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