

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 102 ISSUED 2200Z 11 APRIL 1972

SMALL CLASS M EVENTS ARE POSSIBLE.

A. SOLAR ACTIVITY REMAINS AT A LOW LEVEL. REGION 133 /S06E06/ HAS PRODUCED SIX CLASS C SUBFLARES AND REGION 137 /S10E36/ HAS PRODUCED ONE. REGION 133 HAS DECLINED SLOWLY IN H-ALPHA AND DEVELOPED SLOWLY IN WHITE LIGHT. REGION 137 APPEARS TO BE DEVELOPING SLOWLY. THREE OTHER SMALL DISK REGIONS ARE STABLE. THE LIMBS ARE QUIET. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. A LOW LEVEL OF ACTIVITY IS EXPECTED DURING THE NEXT 72 HOURS. ONE OR TWO SMALL CLASS M EVENTS ARE POSSIBLE FROM REGIONS 133 OR 137. THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME UNSETTLED ON 12 APRIL.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12 APR/0000Z ENDING 14 APR/2400Z.

CLASS M OR GREATER 20/25/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 11/1400Z, 11/1700Z AND 11/2000Z WERE 133, 129 AND 126 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 12-14 APRIL IS 128/126/124.

E. MAGNETIC A-FREDERICKSBURG FOR 10 APRIL WAS 05. FOR 11 APRIL ABOUT 06. PREDICTED AP FOR 12-14 APRIL, 10/10/09.

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