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HFUS BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 024 ISSUED 2200Z 14 MARCH 1972

A SMALL M EVENT MAY OCCUR IN THE VICINITY OF THE NE LIMB.

A. A NUMBER OF SITES INCLUDING BOULDER HAVE EXPERIENCED OVERCAST SKIES TODAY. HOWEVER, IN THE SHORT PERIODS THAT HAVE BEEN AVAILABLE FOR VIEWING, FEW OUTSTANDING SIGNS OF GROWTH OR DECAY WERE EVIDENT. A NEW H TYPE GROUP HAS ROTATED INTO VIEW NEAR NO8. A PARTICULARLY FINE EXAMPLE OF A SURGE/SPRAY BEGAN THERE AT 1505Z, REACHING AN IMPORTANCE 2 LEVEL. INTERMITTENT SURGES ARE OCCURRING NEAR THIS POINT ALONG A SECTOR 2 OR 3 DEGREES WIDE. CONDITIONS ARE QUIET GEOMAGNETICALLY.

B. THE SURGE MENTIONED ABOVE MAY BE ASSOCIATED WITH A GROUP STILL TO COME INTO VIEW. FURTHER LIMB ACTIVITY IS A DISTINCT POSSIBILITY IN THE NEXT 1 TO 1 1/2 DAYS.

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

CLASS M OR GREATER 45/35/30

CLASS X 05/02/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 14/1400Z, 14/1700Z AND 14/2000Z WERE 129, 131 AND 132 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 15-17 MARCH IS 127/126/122.

E. MAGNETIC A-FREDERICKSBURG FOR 13 MAR WAS 07. FOR 14 MAR ABOUT 04 PREDICTED AP FOR 15-17 MARCH, 10/05/10.

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