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HFUS BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 094 ISSUED 2200Z 3 APRIL 1972

A. ACTIVITY ON THE SUN HAS BEEN LOW. REPORTS INDICATE A LARGE PROMINENCE ALONG THE SE LIMB MAY HAVE BECOME ERUPTIVE THE PAST 10 HOURS. 4 SIMPLE REGIONS ARE AT N01W13, S07W04, S08E00 AND S08E75. SAMLL LIMB ACTIVITY HAS BEEN REPORTED AT NE12-15. THE GEOMAG FIELD HAS BEEN VERY QUIET.

B. CONTINUED LOW ACTIVITY IS EXPECTED ON THE SUN. PASSAGE OF A LEADING EDGE OF AN "AWAY" INTERPLANETARY SECTOR IS EXPECTED IN THE NEXT 24 HOURS AND THE GEOMAGNETIC FIELD SHOULD BE INCREASINGLY UNSETTLED IN THE SUCCEEDING 48 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 04/0000Z ENDING 06/2400Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 03/1400Z, 03/1700Z AND 03/2000Z WERE 98, 98 AND 97 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 04-06 APRIL IS 98/98/98.

E. MAGNETIC A-FREDERICKSBURG FOR 02 APR WAS 09. FOR 03 ABOUT 01 PREDICTED AP FOR 04-06, 07/12/12.

SOLTERWARN

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