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HFUS BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 100 ISSUED 2200Z 09 APRIL 1972

ONLY CLASS C EVENTS EXPECTED.

A. THE FREQUENCY OF SUBFLARES FROM REGIONS 133 /S06E31/, 134 /S15E30/, AND 137 /S12E63/ HAS INCREASED, BUT ALL EVENTS HAVE BEEN NON-ENERGETIC. NO SIGNIFICANT CHANGES HAVE BEEN OBSERVED IN ANY OF THE DISK FEATURES. ALL REGIONS ARE STRUCTURALLY SIMPLE. THE GEOMAGNETIC FIELD WAS UNSETTLED 05/0000-0300Z BUT HAS BEEN QUIET OTHERWISE.

B. SUBFLARES ARE EXPECTED DURING THE NEXT 72 HOURS FROM THE REGIONS NOW IN THE SE QUADRANT. MOST EVENTS WILL BE NON-ENERGETIC, BUT ONE OR TWO MAY REACH CLASS M1. THE GEOMAGNETIC FIELD SHOULD BE QUIET THROUGH 11 APRIL.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 APR/0000Z ENDING 12 APR/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 09/1400Z, 09/1700Z AND 09/2000Z WERE 129, 130 AND 127 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 10-12 APRIL IS 128/128/126.

E. MAGNETIC A-FREDERICKSBURG FOR 08 APR WAS 05. FOR 09 APR ABOUT 03 PREDICTED AP FOR 10-12 APRIL, 07/05/10.

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