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HFUS BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 335 ISSUED 2200Z 01 DECEMBER 1971

ONLY CLASS C TYPE EVENTS ARE EXPECTED.

A. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL WITH ONLY CLASS C/SUBFLARE EVENTS OCCURRING. REGIONS CONTINUE DECLINE. THE NEUTRAL LINE FILAMENTS IN REGIONS 354 /S16W60/ AND 355 /N14W49/ HAVE BEEN SLOWLY ACTIVE. REGION 364 /S06E68/ IS A SMALL EMERGING BIPOLE. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

B. THOUGH ONLY NON-ENERGETIC EVENTS ARE EXPECTED, A "DUMPING" FROM EITHER OF THE FILAMENTS IN REGIONS 354 AND 355 COULD PRODUCE A CLASS M EVENT. THE GEOMAGNETIC FIELD WILL REMAIN QUIET TO UNSETTLED.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 02 DEC/0000Z ENDING 04 DEC/2400Z.

CLASS M OR GREATER 40/40/40

CLASS X 05/05/02

PROTON EVENT 05/03/02

D. OTTAWA 10.7 CM FLUXES FOR 02/1400Z, 1700Z AND 2000Z WERE 122, 122 AND 117. PREDICTED 10.7 CM FLUXES FOR 02-04 DEC ARE 116/113/108.

E. MAGNETIC A-FREDERICKSBURG FOR 30 NOV WAS 04. FOR 01 DEC ABOUT 05. PREDICTED AP FOR 02-04 DEC ARE 07/03/09.

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