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HFUS BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 334 ISSUED 2200Z 30 NOVEMBER 1971

A CLASS M FLARE IS POSSIBLE

A. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL. THE LARGEST XRAY  
EVENT HAS BEEN A CLASS C5 WITH A SUBNORMAL FLARE IN REGION 354  
/S16W47/. THE ASSOCIATED SUNSPOT STRUCTURE AND 9.1CM TEM-  
PERATURE HAVE DECREASED DURING THE PAST 24 HOURS FOR THIS  
REGION. AT PRESENT, THIS REGION APPEARS TO BE THE ONLY DISK  
REGION CAPABLE OF PRODUCING AN ENERGETIC EVENT. A NEW REGION  
CROSSING EAST LIMB NEAR S09 HAS PRODUCED MINOR SURGES. THE  
GEOMAGNETIC FIELD IS QUIET.

B. REGION 354, IN CONJUNCTION WITH NEARBY REGIONS 353 /S09W51/  
AND 358 /S07W41, STILL RETAINS POTENTIAL FOR AN ENERGETIC EVENT.  
THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME UNSETTLED FOR THE  
NEXT 24-48 HOURS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS  
BEGINNING 01 DEC/0000Z ENDING 03 DEC/2400Z.

CLASS M OR GREATER 60/40/40

CLASS X 15/05/05

PROTON EVENT 10/08/05

D. OTIAWA 10.7CM FLUXES FOR 30/1400Z 1700Z AND 2000Z WERE  
119, 119 AND 115. PREDICTED 10.7CM FLUXES FOR 01-03 DEC  
ARE 115/111/105.

E. MAGNETIC A-FREDERICKSBURG FOR 29 NOV WAS 04. FOR 30 NOV  
ABOUT 03. PREDICTED AP FOR 01-03 DEC ARE 10/08/04.

SOLTERWARN

SPAN

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