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HXUS BOU 122200

FROM SPACE ENVIRONMENT SERVECES CENTER BOULDER COLO
SDF NUMBER 346 ISSUED 2200Z 12 DEC 1971

A CLASS M EVENT IS LIKELY.

A. SOLAR ACTIVITY HAS DECREASED CONSIDERABLY DURING THE PAST
24 HOURS, AND NO ENERGETIC FLARES HAVE BEEN REPORTED.

REGION 371 (N09W01) RETAINS A DELTA CONFIGURATION AND ABNORMAL
MAGNETIC STURCTURE IN THE CENTRAL PART OF THE SPOT GROUP,
BUT DEVELOPMENT HAS STOPPED. MINOR PLAGE-BRIGHTENINGS HAVE BEEN
OBSERVED IN REGIONS 364 (S03W82) AND 376 (N18E59). OTHER REGIONS
ARE RELATIVELY UNIMPRESSIVE. QUIET GEOMAGNETIC CONDITIONS
HAVE CONTINUED DURING THE PAST 24 HOURS.

B. DESPITE ITS PRESENT DORMANT STATE, REGION 371 IS EXPECTED
TO PRODUCE TWO OR THREE CLASS M FLARES DURING THE THREE-DAY
FORECAST PERIOD. THE GEOMAGNETIC FIELD PROBABLY WILL REMAIN QUIET.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS
BEGINNING 13 DEC/0000Z ENDING 15 DEC/2400Z.

CLASS M OR GREATER 75/65/60

CLASS X 15/15/10

PROTON EVENT 10/10/08

D. OTIAWA 10.7CM FLUX FOR 12/1400Z 1700Z AND 2000Z WERE
130, 128 AND 126. PREDICTED 10.7CM FLUXES FOR 13-15 DEC
ARE 131/128/127.

E. MAGNETIC A-FREDERICKSBURG FOR 11 DEC WAS 03. FOR
12 DEC ABOUT 04. PREDICTED AP FOR 13-15 DEC ARE 04/04/06.

SOLTERWARN

SPAN

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