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HFUS BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 252 ISSUED 2200Z 08 SEPTEMBER 1972

A. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL. REGION 403 (N21E28) CONTINUES SLOW GROWTH. THIS REGION IS A SIMPLE BIPOLE BUT IS INVERTED IN POLARITY. LATEST OBSERVATIONS INDICATED POSSIBILITY OF EMERGING FLUX JUST BELOW (SOUTH) OF REGION 403. NEW REGION 404 (N14W66) HAS BEEN INTERMITTENTLY MODERATELY BRIGHT AS IT CONTINUES SLOW GROWTH. SMALL BSL'S HAVE OCCURRED WITH THE CROSSAGE AT EAST LIMB OF WEAK REGION 405 (S13E85). THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED.

B. ONLY ISOLATED CLASS M ACTIVITY IS EXPECTED DURING THE NEXT 72 HOURS. HOWEVER, ANY INCREASE IN MAGNETIC COMPLEXITY IN REGION 403, IN PARTICULAR THE EMERGENCE OF AN ADJACENT REGION, MAY INCREASE PROBABILITY OF ENERGETIC EVENTS. THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET.

C. EVENT PROBABILITIES 09 SEPT/0000Z - 11 SEPT/2400Z

CLASS M 40/45/45

CLASS X 01/01/02

PROTON 01/02/05

D. OTTAWA 10.7 CM FLUX

OBSERVED 08 SEPT/1700Z 114

PREDICTED 09 SEPT-11 SEPT 107-102-100

E. A-FREDERICKSBURG

OBSERVED 07 SEPT 06

ESTIMATED 08 SEPT 08

PREDICTED 09 SEPT-11 SEPT 06-05-04

SOLTERWARN

SPAN

BT