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KBOU

HFUS BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 242 ISSUED 2200Z 29 AUGUST 1972

A. SOLAR ACTIVITY DURING THE PAST 24 HOURS HAS CONSISTED OF ABOUT TWO DOZEN C-CLASS SUBFLARES, MAINLY IN THE COMPLEX CENTERED ON REGION 375 /N20E50/. THE COMPLEX CONTAINS FIVE OR SIX REGIONS WHICH ARE DIFFICULT TO SEPARATE, BUT THE MAGNETIC STRUCTURE DOES NOT APPEAR TO BE ESPECIALLY COMPLICATED. REGION 379 /S07W47/ HAS GROWN SUBSTANTIALLY IN THE PAST 24 HOURS BUT NOW APPEARS TO HAVE STABILIZED. REGION 382 /S25E68/ WAS ACTIVE DURING EAST LIMB PASSAGE BUT NOW IS QUIESCENT. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. REGION 384 /N15E26/ IS A NEW REGION EMERGING BETWEEN OLD REGIONS 375 AND 373 /N14E20/. THIS REGION MAY PRODUCE AN ENERGETIC FLARE IN A DAY OR SO, IF IT DISTURBS THE REGIONS AROUND IT. THIS REGION AND REGIONS 375, 378 /N16E71 AND 379 ARE ALL CAPABLE OF PRODUCING A MODERATE M-CLASS FLARE.

THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET.

C. EVENT PROBABILITIES 30 AUG/000Z-01 SEPT/2400Z.

CLASS M 60/65/55

CLASS X 05/05/05

PROTON 05/05/05

D. OTTAWA 10.7CM FLUX

OBSERVED 29 AUGUST/1700Z 164

PREDICTED 30 AUGUST-01 SEPT 155-151-148

E. A-FREDERICKSBURG

OBSERVED 28 AUGUST 08

ESTIMATED 29 AUGUST 05

PREDICTED 30 AUGUST-01 SEPT 04-06-08

SOLTERWARN

SPAN

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