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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 MAG-
NETIC 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
BT