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HFUS BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 239 ISSUED 2200Z 26 AUGUST 1972

A. SOLAR ACTIVITY HAS BEEN LOW WITH ONLY THREE SMALL FLARES REPORTED TODAY. THE LARGE, SCATTERED AND GENERALLY STABLE PLAGE NEAR N13E70 IS THE REMAINS OF PREVIOUSLY ACTIVE REGION 331. ONLY A FEW SMALL SPOTS ARE NOW ASSOCIATED WITH THIS DECAYING REGION. AN H TYPE SPOT, PROBABLY THE LEADER OF OLD REGION 349, IS ROTATING ONTO THE DISK NEAR NORTHEAST 14 AND A NEW BIPOLAR GROUP HAS FORMED AT N19E05. THE REMAINING DISK REGIONS HAVE SHOWN ONLY MINOR CHANGES SINCE OUR LAST MESSAGE. THE GEOMAGNETIC FIELD IS PRESENTLY UNSETTLED, HOWEVER, A SMALL SUDDEN COMMENCEMENT WAS OBSERVED AT 25/2256Z AND A SHORT-LIVED DISTURBANCE OCCURRED DURING THE EARLY HOURS TODAY.

B. FLARE ACTIVITY SHOULD REMAIN AT A RELATIVELY LOW LEVEL WITH THE POSSIBILITY OF AN OCCASIONAL CLASS M EVENT FROM THE 367/370 COMPLEX. UNSETTLED GEOMAGNETIC CONDITIONS ARE EXPECTED.

C. EVENT PROBABILITIES 27 AUG/0000Z-29 AUG/2400Z

CLASS M 50/50/50

CLASS X 05/05/05

PROTON 01/01/03

D. OTTAWA 10.7 CM FLUX

OBSERVED 26 AUG/1700Z 136

PREDICTED 27-29 AUG 145-150-154

E. A-FREDERICKSBURG

OBSERVED 25 AUG 06

ESTIMATED 26 AUG 17

PREDICTED 27-29 AUG 11-10-10

SOLTERWARN

SPAN

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