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HFUS BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 211 ISSUED 2200Z 29 JULY 1972

A. SOLAR ACTIVITY REMAINS AT A RELATIVELY LOW LEVEL. A WEAK DELTA CONFIGURATION STILL EXISTS IN THE TRAILING PORTION OF REGION 319 /S12E04/, HOWEVER, THIS REGION APPEARS STABLE IN MOST PARAMETERS AND ITS FLARE PRODUCTION HAS BEEN LOW. REGION 321 /N07W48/, THE MOST ACTIVE SOLAR FEATURE DURING THE PAST PERIOD, APPEARS TO BE STABILIZING. REGION 328 /S18E32/ IS DEVELOPING SLOWLY. REGION 331 /NE LIMB/ HAS SHOWN SIGNIFICANT GROWTH DURING ITS TRANSIT OF THE NON-VISIBLE DISK. A VERY LARGE LEADER SPOT IS NOW LOCATED NEAR N11E77 AND MODERATELY BRIGHT PLAGE IS STILL ROTATING ONTO THE DISK. PROTON FLUXES ARE SLIGHTLY ENHANCED AT SATELLITE ALTITUDES. THE GEOMAGNETIC FIELD IS QUIET. SEVERAL TYPE III RADIO BURSTS HAVE BEEN OBSERVED TODAY.

B. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET. FLARE ACTIVITY SHOULD INCREASE AS REGION 331 ROTATES ONTO THE DISK.

C. EVENT PROBABILITIES 30 JULY/0000Z-01 AUG/2400Z

CLASS M 50/50/50

CLASS X 05/05/05

PROTON 01/01/01

D. OTTAWA 10.7 CM FLUX

OBSERVED 29 JULY/1700Z 135

PREDICTED 30 JULY-01 AUG 142-150-160

E. A-FREDERICKSBURG

OBSERVED 28 JULY 05

ESTIMATED 29 JULY 05

PREDICTED 30 JULY-01 AUG 07-10-10

SOLTERWARN

SPAN

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