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HFUS BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 210 ISSUED 2200Z 28 JULY 1972

A. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL DURING THE PAST 24 HOURS, WITH THREE SMALL REGIONS PRODUCING SUBFLARES ONLY. TWO SUBFLARES REACHED X-RAY INTENSITY C-4-ONE AT 0130Z IN REGION 318 /S03W02/ AND ONE AT 0619Z IN REGION 319 /S13E15/. THE MAGNETIC DELTA CONFIGURATION PERSISTS IN 319, AND THE NEUTRAL LINE THERE IS NOW BETTER DEFINED. REGION 321 /N08W35/ CONTAINS ARCH FILAMENTS AND IS THE MOST IMPRESSIVE FEATURE ON THE DISK. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY WILL REMAIN LOW DURING THE NEXT 72 HOURS. REGIONS 318, 319 AND 321 WILL PRODUCE SUBFLARES, AND HOLD POTENTIAL FOR ENERGETIC EVENTS. REGION 269 APPEARS TO BE RETURNING AT NE 10-12. THE GEOMAGNETIC FIELD WILL REMAIN QUIET TO UNSETTLED.

C. EVENT PROBABILITIES 29 JULY/0000Z-31 JULY/2400Z.

CLASS M 20/20/10

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7CM FLUX

OBSERVED 28 JULY/1700Z 132

PREDICTED 29 JULY-31 JULY 135-140-145.

E. A-FREDERICKSBURG

OBSERVED 27 JULY 09.

ESTIMATED 28 JULY 05.

PREDICTED 29 JULY-31 JULY 05-05-05

SOLTERWARN

SPAN

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