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KBOU

HFUS BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 209 ISSUED 2200Z 27 JULY 1972

A. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS, WITH ONLY SUBFLARES REPORTED. REGIONS 319 /S14E29/ AND 321 /N08W22/ BOTH ARE MAGNETIC CLASS DELTA, AND REGION 321 CONTAINS ARCH FILAMENTS. MOST OF THE SUBFLARE ACTIVITY HAS BEEN FROM THESE TWO REGIONS. NEW REGIONS 326 /S05W22/, 327 /S07E32/ AND 328 /S18E58/ SHOULD BE NOTED. THE MAGNETIC FIELD HAS BEEN MILDLY UNSETTLED.

B. THE GENERAL LEVEL OF ACTIVITY SHOULD REMAIN LOW, WITH THE NUMBER OF SUBFLARES FROM REGIONS 319 AND 321 POSSIBLY INCREASING AS THEY BECOME MORE COMPLEX. THE POTENTIAL FOR ENERGETIC EVENTS REMAINS LOW, HOWEVER IT COULD INCREASE SHOULD REGION 319 BECOME CROWDED BY NEIGHBORING REGIONS. THE GEOMAGNETIC FIELD SHOULD BE QUIET TO MILDLY UNSETTLED.

C. EVENT PROBABILITIES 28 JULY/0000Z-30 JULY/2400Z.

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7 CM FLUX

OBSERVED 27 JULY/1700Z 124.

PREDICTED 28 JULY-30 JULY 130-135-140.

E. A-FREDERICKSBURG

OBSERVED 26 JULY 18.

ESTIMATED 27 JULY 15.

PREDICTED 28 JULY-30 JULY 10-08-06.

SOLTERWARN

SPAN

BT