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KBOU

HFUS BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 237 ISSUED 2200Z 24 AUG 1972

A. SOLAR ACTIVITY REMAINED LOW THE PAST 24 HOURS. REGIONS 365/S04W09/ AND 367/S14E24/ HAVE PRODUCED VIRTUALLY ALL THE SUBFLARE ACTIVITY. AT 24/0350Z REGION 365 PRODUCED A 1N FLARE /X-RAY CLASS C5/ WHICH APPARENTLY INDUCED A SN FLARE IN REGION 367 AT 0351Z. ALL OTHER REGIONS HAVE BEEN QUIET. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. AN ACTIVE PROMINENCE REGION, BRIGHT SURGES ON THE LIMB, AND CORONAL RAIN NEAR NE15 HERALD THE RETURN OF THE LEADING EDGE OF OLD REGION 331. AN ACTIVE PROMINENCE NEAR SE03 MAY INDICATE THE RETURN OF OLD REGION 341. THESE REGIONS ARE NOT YET IN VIEW BUT MAY WELL RETAIN THE POTENTIAL FOR ENERGETIC ACTIVITY. REGIONS 365 AND 367 ARE EXPECTED TO CONTINUE PRODUCING MODERATE ACTIVITY. THE GEOMAGNETIC FIELD SHOULD BE QUIET THE NEXT 48 HOURS AND MAY BE DISTURBED AFTER THAT IF ENERGETIC ACTIVITY OCCURS.

C. EVENT PROBABILITIES 25 AUG/0000Z - 27 AUG/2400Z

CLASS M 45/50/60

CLASS X 05/10/10

PROTON 05/05/10

D. OTTAWA 10.7 CM FLUX

OBSERVED 24 AUG/1700Z 120

PREDICTED 25 - 27 AUGUST 126 - 130 - 135

E. A-FREDERICKSBURG

OBSERVED 23 AUG 002

ESTIMATED 24 AUG 001

PREDICTED 25 - 27 AUGUST 004 - 005 - 005

SOLTERWARN

SPAN

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