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KBOU

HFUS BOU 312200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 244 ISSUED 2200Z 31 AUG 1972

A. A TOTAL OF 17 SPOT REGIONS WERE OBSERVED TODAY BUT MOST OF THESE ARE SMALL AND STABLE AND ACTIVITY HAS BEEN LIMITED TO REGIONS 377 /N13E30/ WHICH PRODUCED 3 SUBFLARES AND REGION 384 /N15E02/ WHICH PRODUCED A CLASS C-3 SUBFLARE. LIMITED PATROL AT SEVERAL OBSERVATORIES DUE TO WEATHER MAY BE PARTIALLY RESPONSIBLE FOR THE LACK OF REPORTED ACTIVITY. AN ISOLATED POLE AND A DELTA MAGNETIC CONFIGURATION IS OBSERVED IN REGION 384 BUT THIS REGION NO LONGER APPEARS TO BE GROWING. REGION 377 REMAINS LARGE WITH A RELATIVELY BRIGHT PLAGUE BUT HAS SHOWN NO FURTHER GROWTH. THE GEOMAGNETIC FIELD WAS SLIGHTLY DISTURBED DURING THE NIGHT BUT BECAME QUIET AFTER 0900Z. THE MAGNETOMETER HAS BEEN OUT FOR MAINTENANCE SINCE 1500Z.

B. REGIONS 377 AND 384 SHOULD CONTINUE TO PRODUCE OCCASIONAL CLASS C SUBFLARES WITH A GOOD CHANCE OF A COUPLE OF CLASS M SUBFLARES BUT THE GENERAL LEVEL OF ACTIVITY SHOULD DECREASE SLOWLY DURING THE PERIOD. THE GEOMAGNETIC FIELD MAY BE SLIGHTLY DISTURBED DURING THE FIRST PART OF THE PERIOD DUE TO THE POSSIBLE PASSAGE OF AN INTERPLANETARY BOUNDARY SECTOR.

C. EVENT PROBABILITIES 01 SEP/0000Z-03 SEP/2400Z

CLASS M 70/65/60

CLASS X 05/05/05

PROTON 05/05/05

D. OTTAWA 10.7CM FLUX

OBSERVED 31 AUG/1700Z 153

PREDICTED 01 SEP-03 SEP 145-140-135

E. A-FREDERICKSBURG

OBSERVED 30 AUG 06

ESTIMATED 31 AUG 11

PREDICTED 01 SEP-03 SEP 11-08-08

SOLTERWARN

SPAN

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