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KBOU

HFUS BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 250 ISSUED 2200Z 06 SEP 1972

A. A TOTAL OF 11 SUNSPOT REGIONS ARE CURRENTLY BEING OBSERVED BUT ALL REGIONS ARE RELATIVELY SIMPLE AND ACTIVITY HAS BEEN LIMITED TO 13 SUBFLARES AND A ONE-BRIGHT FLARE. THREE OF THE SUBFLARES AND THE ONE-BRIGHT FLARE OCCURRED IN REGION 393 /SW07/ EARLY IN THE PERIOD BUT THIS REGION HAS SINCE ROTATED OFF THE LIMB WITH NO SIGNIFICANT LIMB ACTIVITY CURRENTLY BEING OBSERVED. THREE SUBFLARES OCCURRED IN REGION 392 /S07W28/ WHICH DEVELOPED CONSIDERABLY FROM YESTERDAY BUT NOW APPEARS QUITE STABLE. NEW REGION 401 /S05E32/ HAS DEVELOPED TODAY AND PRODUCED TWO SUBFLARES. REGION 378 /N17W36/ PRODUCED 3 SUBFLARES EARLY IN THE PERIOD BUT NOW APPEARS QUITE STABLE. THE GEOMAGNETIC FIELD WAS SLIGHTLY UNSETTLED DURING THE FIRST PORTION OF THE PERIOD BUT HAS BECOME STABLE SINCE 1500Z.

B. SOLAR ACTIVITY SHOULD CONTINUE AT A LOW LEVEL DURING THE NEXT 72 HOURS WITH OCCASIONAL CLASS C SUBFLARES WITH A FAIR CHANCE OF A CLASS M FLARE, BUT HIGHER ENERGY ACTIVITY IS UNLIKELY. THE GEOMAGNETIC FIELD MAY BE SLIGHTLY UNSETTLED EARLY IN THE PERIOD BECOMING QUIET DURING THE LAST HALF OF THE PERIOD.

C. EVENT PROBABILITIES 07 SEP/0000Z-09 SEP/2400Z

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7CM FLUX

OBSERVED 06 SEP/1700Z 117

PREDICTED 07 SEP-09 SEP 113-110-107

E. A-FREDERICKSBURG

OBSERVED 05 SEP 05

ESTIMATED 06 SEP 14

PREDICTED 07 SEP-09 SEP 08-07-06

SOLTERWARN

SPAN

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