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KBOU

HFUS BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 256 ISSUED 2200Z 12 SEPT 1972

A. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. ONLY TWO SUBFLARES HAVE BEEN REPORTED DURING THE PAST 24 HOURS. OF THE FOUR REGIONS PRESENTLY ON THE DISK, ONLY 403 /N21W27/ IS INTERESTING. THIS REGION IS A BETA TYPE AND HAS PRODUCED VERY LITTLE ACTIVITY, BUT A NEW BIPOLE MAY BE EMERGING JUST EAST OF ITS KINKED NEUTRAL LINE. AN ACTIVE ARCH FILAMENT SYSTEM IS DEVELOPING JUST NORTH OF THE LEADER SPOT. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED/

B. REGION 403 MAY DEVELOP STRONG FIELD GRADIENTS DUE TO THE EMERGING BIPOLE AND MAY WELL PRODUCE ENERGETIC ACTIVITY. THE REMAINDER OF THE DISK SHOULD BE QUIET. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN UNSETLED FOR THE NEXT 72 HOURS.

C. EVENT PROBABILITIES 13 SEPT/0000Z-15 SEPT/2400Z.

CLASS M 40/40/35

CLASS X 05/05/02

PROTON 05/05/02

D. OTTAWA 10.7CM FLUX

OBSERVED 12 SEPT/1700Z 099

PREDICTED 13-15 SEPT 098-098-100

E. A-FREDERICKSBURG

OBSERVED 11 SEPT 008

ESTIMATED 12 SEPT 009

PREDICTED 13-15 SEPT 010-012-010

SOLTERWARN

SPAN

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