

HFUS 1 BOU 101258

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 345B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 10 DECEMBER 1972

IA. ONLY SUBFLARE ACTIVITY FROM REGION 496 (N10E20) HAS BEEN  
OBSERVED SINCE THE FLARE AT 09/1600Z (OB RAMEY, 2B CANARY  
ISLANDS, REGION 496, 100 F.U. AT 10 CM, X-RAY CLASS M-1). A  
SUBFLARE AT 0037Z IS TENTATIVELY CLASS M-3. OTHER REGIONS REMAIN  
UNIMPRESSIVE BUT HAVE SHOWN SLIGHT GROWTH.

IB. REGION 496 WILL CONTINUE TO PRODUCE SUBFLARES, AND MORE M-CLASS  
ACTIVITY IS EXPECTED. REGION 483 IS DUE TO RETURN LATE 11 DEC.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. THE FIELD MAY BECOME  
DISTURBED 11-12 DEC.

III. EVENT PROBABILITIES 10 - 12 DEC

CLASS M 65/65/65

CLASS X 10/10/10

PROTON 05/08/08

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 DEC 104

PREDICTED 10-12 DEC 106/109/111

90-DAY MEAN 09 DEC 110

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 DEC 05

ESTIMATED 09 DEC 02

PREDICTED 10-12 DEC 08/09/12

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HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 345

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 10 DECEMBER 1972.

IA. ALL ACTIVITY DURING THE LAST 24 HOURS WAS CONFINED TO REGION 496 /N12E13/ WHICH PRODUCED 5 SUBFLARES WITH AN M3 X-RAY EVENT AT 10/0040Z. THE MAGNETIC CONFIGURATION REMAINS COMPLEX WITH A DELTA CONFIGURATION IN THE CENTRAL PORTION AT THIS LARGE REGION, BUT LITTLE IF ANY GROWTH HAS BEEN OBSERVED IN THE LAST 24 HOURS. THE REST OF THE DISK REMAINS UNIMPRESSIVE WITH ONLY TWO OTHER REGIONS OBSERVED, BOTH WEAK AND STABLE.

IB. REGION 496 SHOULD CONTINUE TO PRODUCE MODERATE FLARE ACTIVITY, BUT UNLESS FURTHER GROWTH OCCURS, MAJOR ACTIVITY IS NOT EXPECTED. REGION 483 /S05/ IS DUE TO RETURN LATE ON THE 11TH, BUT THIS REGION WAS DECLINING RAPIDLY AS IT WENT OVER THE LIMB ON ITS LAST TRANSIT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE LAST 24 HOURS BUT IS EXPECTED TO BECOME UNSETTLED DURING THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 11 DEC - 13 DEC.

CLASS M 70/70/70

CLASS X 10/10/10

PROTON 08/09/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 10 DEC 102

PREDICTED 11 DEC - 13 DEC 105/107/109

90-DAY MEAN 10 DEC 110

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 09 DEC 03

ESTIMATED 10 DEC 01

PREDICTED 11 DEC - 13 DEC 08/12/10

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