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HFUS 1 BOU 230600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 358A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 23 DEC 1972

IA. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 358B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 23 DECEMBER 1972

IA. SOLAR ACTIVITY HAS BEEN AT A MODERATELY LOW LEVEL WITH ONLY  
CLASS C SUBFLARES HAVING BEEN REPORTED, ALL IN REGION 508(N12E05).  
THIS REGION CONTINUES TO LENGTHEN, HOWEVER INTERMEDIATE SPOTS  
HAVE REFORMED. OTHER DISK REGIONS ARE SIMPLE AND INACTIVE.

IB. REGION 508 IS EXPECTED TO CONTINUE PRODUCING CLASS C FLARES  
WITH A CLASS M EVENT POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN MODERATELY UNSETTLED. IT IS  
EXPECTED TO REMAIN UNSETTLED FOR THE BALANCE OF THE FORECAST  
PERIOD.

III. EVENT PROBABILITIES 23 - 25 DEC

CLASS M 50/50/50

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 DEC 115

PREDICTED 23- 25 DEC 115/114/114

90-DAY MEAN 22 DEC 112

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 DEC 01

ESTIMATED 22 DEC 09

PREDICTED 23 - 25 DEC 13/10/08

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HFUS BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 358

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 23 DECEMBER 1972.

IA. SOLAR ACTIVITY CONTINUES AT A MODERATELY LOW LEVEL WITH ONLY  
CLASS C SUBFLARES BEING PRODUCED BY REGION 508 /N11E06/. THIS  
REGION REMAINS THE ONLY SIGNIFICANT DISK FEATURE. THE ASSOCIATED  
SPOT GROUP HAS BECOME MORE ELONGATED SINCE YESTERDAY WHICH HAS  
REDUCED THE FIELD GRADIENTS.

IB. CLASS C ACTIVITY AND POSSIBLY A SMALL CLASS M EVENT CAN BE  
EXPECTED DURING THE NEXT 24-36 HOURS WITH ONLY AN OCCASIONAL C  
EVENT DURING THE FINAL PORTION OF THE 72 HOUR FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED WITH OCCASIONAL  
ACTIVE PERIODS IN THE NIGHTTIME HEMISPHERE AND SLIGHTLY UNSETTLED  
TO QUIET CONDITIONS IN THE DAYTIME HEMISPHERE. THIS SITUATION  
SHOULD CONTINUE FOR THE NEXT 24-36 HOURS THEN, GENERALLY QUIET  
CONDITIONS SHOULD PREVAIL.

III. EVENT PROBABILITIES 24 DEC - 26 DEC.

CLASS M 50/30/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 23 DEC 110

PREDICTED 24 DEC - 26 DEC 108/107/106

90-DAY MEAN 23 DEC 111

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 22 DEC 09

ESTIMATED 23 DEC 14

PREDICTED 24 DEC - 26 DEC 12/08/06

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