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HFUS 1 BOU 240600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 359A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 24 DEC 1972

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 241300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 359B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 24 DECEMBER 1972

IA. SOLAR ACTIVITY DURING THE LAST 24 HOURS HAS BEEN VERY LOW. TWO SUBFLARES WERE REPORTED DURING THE PERIOD, BOTH FROM REGION 508 (N11W11), BUT NO ACTIVITY HAS BEEN OBSERVED IN THE LAST 12 HOURS AND THE REGION NOW APPEARS STABLE. ALL OTHER REGIONS ARE DULL OR DECLINING. THERE ARE NO SIGNIFICANT OLD REGIONS DUE TO RETURN, BUT AN ACTIVE PROMINENCE OBSERVED AT NE22 AND ENHANCED FLUX MEASURED BY OSO 7 IN THE X-RAY AND EUV FREQUENCIES IN THE SAME AREA SUGGEST THAT A NEW REGION WILL BE ROTATING ONTO THE DISK.

IB. SOLAR ACTIVITY SHOULD CONTINUE LOW TO VERY LOW WITH A DECREASING CHANCE OF A SMALL M EVENT FROM REGION 508.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO OCCASIONALLY ACTIVE DURING THE LAST 24 HOURS BUT SHOULD GRADUALLY BECOME QUIET DURING THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 24 DEC-26 DEC

CLASS M 40/30/20

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 14/08/06

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HFUS BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 359

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 24 DECEMBER 1972.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. INFREQUENT CLASS C SUB-
FLARES HAVE OCCURRED IN REGION 508 /N13W17/. REGIONS 506 /N17W50/
AND 508, THE ONLY TWO ESTABLISHED REGIONS ON THE DISK, APPEAR TO
BE DECAYING. A NEW REGION IS DEVELOPING NEAR N17E17. PLAGE IS
CROSSING THE EAST LIMB NEAR N20 BUT NO SPOTS ARE VISIBLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. INFREQUENT SUB-
FLARES ARE LIKELY FROM REGION 508. NO OLD REGIONS ARE DUE TO
RETURN.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE DURING
LOCAL NIGHT AND QUIET DURING LOCAL DAYLIGHT. UNSETTLED CONDITIONS
ARE EXPECTED DURING LOCAL NIGHT FOR THE NEXT 24 HOURS. THEREAFTER
QUIET CONDITIONS SHOULD RETURN.

III. EVENT PROBABILITIES 25 DEC - 27 DEC.

CLASS M 30/30/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 24 DEC 105

PREDICTED 25 DEC - 27 DEC 102/99/96

90-DAY MEAN 24 DEC 111

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 23 DEC 19

ESTIMATED 24 DEC 11

PREDICTED 25 DEC - 27 DEC 10/08/06

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