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HFUS 1 BOU 150600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 350A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 15 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

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 350B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 15 DECEMBER 1972

IA. A 1B FLARE OCCURRED IN A SPOTLESS REGION AT S05E50. THE FLARE
BEGAN AT 0538Z WITH DOUBLE MAXIMA AT 0544Z AND 0602Z. XRAY
IMPORTANCE WAS CLASS M2. A BURST OF 70 F.U. ABOVE BACKGROUND
(2700MHZ), IMP 1 TYPE III DEKAMETRIC BURST AND SWF UP TO

IMP 3 BETWEEN 5 - 21 MHZ ACCOMPANIED THIS FLARE.
THE PLAGE IN THIS REGION IS REPORTED AS THE BRIGHTEST ON THE DISK.
0S0-7 XRAY AND EUV INTENSITIES ARE MODERATE FOR THIS REGION. REGIONS
496/502 (CENTERED AT N12W50) AND 500(S19W01) ARE REPORTED AS STABLE
OR SLOWLY DECLINING.

IB. LOW LEVEL CLASS M EVENTS ARE EXPECTED TO OCCUR AT THE RATE OF
ONE PER 36 - 48 HOUR.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. IT IS EXPECTED TO
REMAIN UNSETTLED, BECOMING ACTIVE 17 DECEMBER.

III. EVENT PROBABILITIES 15 - 17 DEC

CLASS M 60/50/50

CLASS X 05/03/03

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 DEC 120

PREDICTED 15 - 17 DEC 119/118/115

90-DAY MEAN 14 DEC 110.9

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 DEC 25

ESTIMATED 14 DEC 08

PREDICTED 15 - 17 DEC 12/09/20

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HFUS BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 350

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 15 DEC 1972

IA. SOLAR ACTIVITY REMAINS LOW. REGION 496/502 /N12W62/ HAS
PRODUCED ONLY ONE SUBFLARE AND IS DECAYING. REGION 500 /S20W07/
HAS PRODUCED TWO SUBFLARES AND IS EXPERIENCING SPOT GROWTH IN
THE FOLLOWER, AND A NEW BIPOLE MAY BE EMERGING AT S10W04. NEW
REGION 503 /S06E40/ HAS A SMALL A TYPE SPOT AND PRODUCED A ONE
NORMAL OPTICAL FLARE AT 15/0539Z WITH AN ASSOCIATED M2 X-RAY
EVENT.

IB. REGION 503 HAS BRIGHT PLAGE AND FURTHER GROWTH IS EXPECTED.
CLASS M ACTIVITY CONTIUES TO BE POSSIBLE FROM REGIONS 500 AND
496/502.

II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY ACTIVE AND IS
EXPECTED TO BE UNSETTLED TO MILDLY ACTIVE FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 16 DEC- 18 DEC

CLASS M 60/50/50

CLASS X 05/03/03

PROTON 03/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 DEC 121

PREDICTED 16 DEC -18 DEC 120/118/115

90-DAY MEAN 15 DEC 111

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 DEC 08

ESTIMATED 15 DEC 015

PREDICTED 16 DEC -18 DEC 009/020/010

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