

HFUS 1 BOU 110600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 042A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 11 FEB 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 782 (S40E10) CONTINUES
TO GROW. THE REMAINDER OF THE DISC REMAINS QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW THE NEXT 24 HOURS. CLASS
C EVENTS ARE EXPECTED OCCASIONALLY AND A CLASS M EVENT IS POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE PAST 8 HOURS AND
IS EXPECTED TO REMAIN SO THROUGH THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 11 FEB-13 FEB

CLASS M 20/25/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 FEB 86

PREDICTED 11-13 FEB 90/92/95

90-DAY MEAN 10 FEB 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 9 FEB 21

ESTIMATED AFR/AP 10 FEB 09/08

PREDICTED AFR/AP 11-13 FEB 08/08 - 08/08 - 06/05

SOLTERWARN

BT

HFUS 1 BOU 111500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 042-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 11 FEB 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 18 HOURS. REGION
782 (S40E06) IS GROWING MORE SLOWLY. SEVERAL SUB CLASS-C AND
ONE C-1 X-RAY EVENTS HAVE OCCURED WITHIN THE PAST 12 HOURS.

IB. SOLAR ACTIVITY IS EXPECTED TO BE AT A LOW LEVEL WITH SUB CLASS
C X-RAY EVENTS AND A POSSIBLE M-CLASS EVENT FROM REGION 782 IN THE
NEXT 24 HOURS.

II. GEOMAGNETIC ACTIVITY HAS BEEN UNSETTLED DURING THE PAST 8
HOURS AND IS EXPECTED TO BE QUIET TO UNSETTLED THE NEXT 8 HOURS.

III. EVENT PROBABILITIES 11 - 13 FEB

CLASS M 20/25/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 FEB 86

PREDICTED 11 - 13 FEB 90/92/95

90-DAY MEAN 10 FEB 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 FEB 21

ESTIMATED AFR/AP 10 FEB 09/08

PREDICTED AFR/AP 11 - 13 FEB 08/08 - 08/08 - 06/05

SOLTERWARN

BT

HFUS 1 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 042

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z FEBRUARY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. A CLASS C-1 AND C-2 X-RAY EVENT WERE REPORTED HOWEVER, WITH NUMEROUS SUB CLASS C EVENTS ALSO OCCURING. A CLASS M-1 X-RAY EVENT FROM REGION 782 OCCURED AT 2132 U.T. REGION 782 (S40W03) HAS SLOWED ITS GROWTH. NEW REGION 785 (N03E24) HAS APPEARED WITH SPOTS.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW TO LOW LEVEL WITH CONTINUED SUB CLASS C X-RAY EVENTS AND A POSSIBLE M CLASS EVENT FROM REGION 782. OLD REGION 772 WILL BE APPEARING ON THE EAST LIMB AND MAY BRING SOME ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE PAST 24 HOURS AND IS EXPECTED TO REMAIN SO FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 12 - 14 FEB

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 FEB 87

PREDICTED 12-14 FEB 88/89/90

90-DAY MEAN 11 FEB 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 FEB 08

ESTIMATED AFR/AP 11 FEB 10/10

PREDICTED AFR/AP 12-14 FEB 10/10 - 10/10 - 08/06

SOLTERWARN

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