

HFUS 1 BOU 120600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 043A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 12 FEB 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. NO FURTHER
SIGNIFICANT ACTIVITY HAS BEEN NOTED FROM REGION 772 (S40W07)
ALTHOUGH IT STILL HAS THE POTENTIAL FOR SIGNIFICANT ACTIVITY.
REGION 785 (N03E22) APPEARS QUIET AND STABLE WITH SOME SLIGHT
DEVELOPMENT.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE WITH CONTINUED
C-CLASS EVENTS AND A POSSIBLE M-CLASS EVENT FROM REGION 782.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED THE PAST
8 HOURS. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED THROUGH THE
NEXT 24 HOURS.

III. EVENT PROBABILITIES 12 FEB-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 10/09

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

SOLTERWARN

BT

HFUS 1 BOU 121500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 043-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 12 FEB 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. REGION 782 (S40W06) SHOWS ONLY SLIGHT GROWTH. REGION 785 (N03E17) HAS GROWN RAPIDLY AND APPEARS ACTIVE. NEW REGION 786 (N16W38) HAS APPEARED AS A SMALL A TYPE SPOT GROUP. THERE HAVE BEEN NUMEROUS X-RAY ENHANCEMENTS.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW WITH POSSIBLE ACTIVITY FROM REGION 785 AND A POSSIBLE M-CLASS X-RAY EVENT FROM REGION 782.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED THE PAST EIGHT HOURS AND IS EXPECTED TO REMAIN SO THE NEXT EIGHT 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 90/90/90

90-DAY MEAN 11 FEB 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 FEB 08

ESTIMATED AFR/AP 11 FEB 10/09

PREDICTED AFR/AP 12 - 14 FEB 10/10 - 10/10 - 10/15

SOLTERWARN

BT

HFUS 1 BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 043

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 12 FEB 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. A CLASS
C-4 X-RAY EVENT FROM REGION 782 (S41E10) AND SEVERAL SUB CLASS C
ENHANCEMENTS HAVE OCCURED DURING THIS PERIOD. REGION 785 (N03E13)
IS GROWING AND ACTIVE. NEW REGION 786 (N16W43) HAS APPEARED WITH
7 SPOTS.

IB. SOLAR ACTIVITY WILL REMAIN AT A LOW TO VERY LOW LEVEL THIS
24 HOURS. SUB CLASS C X-RAYS ARE EXPECTED FROM REGIONS 782
AND 785 WITH A POSSIBLE M CLASS EVENT FROM REGION 782.

II. GEOMAGNETIC ACTIVITY HAS BEEN UNSETTLED THE LAST 24 HOURS
AND IS EXPECTED TO REMAIN UNSETTLED THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 13 - 15 FEB

CLASS M 25/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 FEB 90

PREDICTED 13 - 15 FEB 90/91/92

90-DAY MEAN - 12 FEB 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 FEB 12

ESTIMATED AFR/AP 12 FEB 08/04

PREDICTED AFR/AP 13 - 15 FEB 10/10 - 10/15 - 08/12

SOLTERWARN

BT