

HFUS 1 BOU 100530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 041A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 10 FEBRUARY 1977

IA. SOLAR ACTIVITY HAS REMAINED LOW DURING THE PAST 8 HOURS. SATELLITE
X-RAY SENSORS SHOW A REDUCTION IN X-RAY ENHANCEMENTS. REGION 782
(S40E21) CONTINUES TO INCREASE IN COMPLEXITY, BUT IS PRESENTLY
QUIET. OTHER REGIONS REMAIN QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW. SEVERAL C-CLASS SUB-
FLARES SHOULD BE EXPECTED FROM REGION 782. AN M-CLASS FLARE IS
POSSIBLE FROM REGION 782.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED TO MILDLY
ACTIVE DURING THE PAST 8 HOURS. UNSETTLED CONDITIONS WITH OCCASIONAL
BRIEF ACTIVE PERIODS MAY BE EXPECTED DURING THE NEXT 24 HOURS. THE
TREND IS EXPECTED TO BE TOWARD QUIETER CONDITIONS.

III. EVENT PROBABILITIES 10 FEBRUARY - 12 FEBRUARY

CLASS M 15/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 FEBRUARY 85

PREDICTED 10-12 FEBRUARY 87/88/88

90-DAY MEAN 09 FEBRUARY 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 FEBRUARY 12

ESTIMATED AFR/AP 09 FEBRUARY 19/19

PREDICTED AFR/AP 10-12 FEBRUARY 12/15 - 08/08 - 08/08

SOLTERWARN

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HFUS 1 BOU 101500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 041-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 10 FEB 1977
IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST EIGHT HOURS. POINT
BRIGHTENING HAS BEEN REPORTED IN REGION 782 (S40E15) BUT THIS
REGION IS QUIET NOW. THE REMAINDER OF THE DISK SHOWS NO ACTIVITY.
IB. SOLAR ACTIVITY WILL BE LOW. REGION 782 CAN BE EXPECTED TO
PRODUCE C-CLASS FLARES WITH THE POSSIBILITY OF AN M-CLASS FLARE.
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED THE PAST
EIGHT HOURS. IT IS EXPECTED TO BE UNSETTLED WITH POSSIBLE BRIEF
ACTIVE PERIODS THE NEXT 24 HOURS.
III. EVENT PROBABILITIES 10 - 12 FEB
CLASS M 15/10/10
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 09 FEB 85
PREDICTED 10 - 12 FEB 87/88/88
90-DAY MEAN 09 FEB 77
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 08 FEB 12
ESTIMATED AFR/AP 09 FEB 19/19
PREDICTED AFR/AP 10 - 12 FEB 12/15 - 08/08 - 08/08
SOLTERWARN
BT

HFUS 1 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 041

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 10 FEB 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS WITH ONLY
SUB CLASS C X-RAY ENCHANCEMENTS. REGION 782 (S40E12) IS CONTINUING
TO GROW IN SUNSPOT NUMBERS AND LONGITUDINAL EXTENT.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE THE NEXT
24 HOURS WITH C-CLASS FLARE ACTIVITY AND VERY POSSIBLE M-CLASS
FLARE ACTIVITY FROM REGION 782.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED THE PAST
24 HOURS AND SHOULD REMAIN AT THIS LEVEL OR DECLINE SLIGHTLY TO
BECOME QUIET.

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