

HFUS 1 BOU 130600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 103A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 13 APRIL 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
SEVERAL SMALL X-RAY BURSTS HAVE BEEN OBSERVED ON SATELLITE READOUTS.
REGION 807 (S20E65) IS A "D" TYPE GROUP WITH OPEN CONFIGURATION.
THE REST OF THE DISK APPEARS QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL. CLASS C
EVENTS ARE EXPECTED WITH A CLASS M EVENT PROBABLE.

II. THE GEOMAGNETIC FIELD IS QUIET AND IS EXPECTED TO REMAIN QUIET
TO SLIGHTLY UNSETTLED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 13 APRIL - 15 APRIL

CLASS M 25/25/25

CLASS X 05/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 APRIL 80

PREDICTED 13-15 APRIL 82/84/86

90-DAY MEAN 12 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 APRIL 10

ESTIMATED AFR/AP 12 APRIL 06/06

PREDICTED AFR/AP 13-15 APRIL 07/07 - 07/07 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 131500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 103B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 13 APRIL 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST EIGHT HOURS. SEVERAL
C CLASS X-RAY BURSTS HAVE OCCURRED. REGION 807 (S20E60) IS GROWING.
PRESENTLY 807 IS AN E TYPE GROUP WITH INTERMEDIATE SPOT DISTRIBUTION.
THERE IS A POSSIBILITY THAT 807 IS TWO REGIONS.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO MODERATE. AN
OCCASIONAL M-CLASS X-RAY EVENT IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN
SO THE NEXT 8 HOURS.

III. EVENT PROBABILITIES 13-15 APRIL

CLASS M 50/50/50

CLASS X 10/10/10

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 APRIL 80

PREDICTED 13-15 APRIL 82/84/86

90-DAY MEAN 12 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 APRIL 10

ESTIMATED AFR/AP 12 APRIL 06/06

PREDICTED AFR/AP 13-15 APRIL 07/07 - 07/07 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 103

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 13 APRIL 1977

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS. REGION 807
(S20E56) IS GROWING. PRESENTLY A D-TYPE GROUP, 807 EXHIBITED SIGNS
EARLIER OF BEING TWO COLLIDING REGIONS. SEVERAL C-CLASS X-RAY
EVENTS HAVE ERUPTED FROM REGION 807 THE LARGEST BEING C-7 AT 1750Z
AND AN M-1 AT 2136Z WITH A CORRESPONDING 1 NORMAL FLARE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE THE NEXT 24
HOURS. THE OCCURRENCE OF AN M-CLASS X-RAY EVENT IS POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET WITH ONE THREE HOUR
PERIOD SLIGHTLY UNSETTLED THE PAST 24 HOURS. THE FIELD IS EXPECTED
TO CONTINUE QUIET WITH SHORT PERIODS SLIGHTLY UNSETTLED THE NEXT
24 HOURS.

III. EVENT PROBABILITIES 14-16 APRIL

CLASS M 50/60/60

CLASS X 20/20/20

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 APRIL 82

PREDICTED 14-16 APRIL 85/87/89

90-DAY MEAN 13 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 APRIL 06

ESTIMATED AFR/AP 13 APRIL 05/04

PREDICTED AFR/AP 14-16 APRIL 05/07 - 10/10 - 10/10

SOLTERWARN

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