

HFUS 3 BOU 240430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 175A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 24 JUNE 1977

IA. SOLAR ACTIVITY HAS BEEN LOW. SEVERAL C-2 FLARES WERE PRODUCED,
PROBABLY FROM REGIONS 837 (S21E11) AND 839 (N15E70). THERE HAVE
BEEN PLAGE BRIGHTENINGS IN REGIONS 837, 839, AND 838 (N21E05). THE
REST OF THE DISK APPEARS QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. REGIONS 837 AND 839
STILL APPEAR COMPLEX ENOUGH TO CONTINUE FLARING.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED FOR THE PAST
7 HOURS. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT
18 HOURS.

III. EVENT PROBABILITIES 24 JUNE - 26 JUNE

CLASS M 25/30/40

CLASS X 01/02/03

PROTON 01/02/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 JUNE 96

PREDICTED 24-26 JUNE 98/99/100

90-DAY MEAN 23 JUNE 81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 JUNE 08

ESTIMATED AFR/AP 23 JUNE 09/12

PREDICTED AFR/AP 24-26 JUNE 10/10 - 15/15 - 15/15

SOLTERWARN

BT

HFUS 3 BOU 241500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 175-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 24 JUNE 1977

IA. SOLAR ACTIVITY HAS BEEN LOW. X-RAY ENHANCEMENTS HAVE BEEN
COMMON THRU THE NIGHT AND BACKGROUND HAS BEEN ABOVE C LEVEL SINCE
0800Z. NO FLARES HAVE BEEN REPORTED. THE 10.7 CM FLUX AT 1400Z
WAS 107.0 WHICH INDICATES THE OVERALL INTENSITY OF THE DISK.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW TO MODERATE. CLASS M EVENTS
ARE VERY PROBABLE SHOULD A "O" NORMAL OR GREATER FLARE OCCUR

II. THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED THRU THE NIGHT.
THE FIELD SHOULD BE GENERALLY UNSETTLED TO SLIGHTLY ACTIVE FOR THE
REST OF THE PERIOD.

III. EVENT PROBABILITIES 24 - 26 JUNE

CLASS M 50/50/50

CLASS X 10/10/10

PROTON 02/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 JUNE 96

PREDICTED 24 - 26 JUNE 107/107/103

90-DAY MEAN 23 JUNE 81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 JUNE 08

ESTIMATED AFR/AP 23 JUNE 09/12

PREDICTED AFR/AP 24 - 26 JUNE 10/10 - 15/15 - 15/15

SOLTERWARN

BT

HFUS 1 BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 175

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z JUNE 24 1977

IA. SOLAR ACTIVITY HAS BEEN LOW. REGIONS 837 (S20E04) AND 839
(N15E62) HAVE PRODUCED "C" CLASS X-RAY EVENTS THROUGHOUT THE DAY.
THESE TWO REGIONS ARE COMPLEX AND SHOULD BE WATCHED. NEW REGION 840
(N02W04) HAS SHOWN GROWTH AND NEW EMERGING FLUX IS PRESENT AT
N26E55.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW. CLASS M ACTIVITY FROM REGIONS
837 AND 839 IS VERY LIKELY.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED THE FIRST HALF OF THE DAY
AND QUIET THE LAST HALF. THE FIELD IS EXPECTED TO PICK UP THE FIRST
DAY OF THE PERIOD AND BECOME UNSETTLED TO ACTIVE FOR THE REMAINDER
OF THE PERIOD.

III. EVENT PROBABILITIES 25 - 27 JUNE

CLASS M 40/50/50

CLASS X 05/10/10

PROTON 02/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JUNE 104

PREDICTED 25-27 JUNE 105/106/105

90-DAY MEAN 24 JUNE 81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JUNE 10

ESTIMATED AFR/AP 24 JUNE 08/07

PREDICTED AFR/AP 25-27 JUNE 12/12 - 15/15 - 15/15

SOLTERWARN

BT