

HFUS 3 BOU 210530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 111A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 21 APRIL 1977

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 807 (S20W32) CONTINUES
TO DECLINE IN ALL PARAMETERS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE THE
PAST 8 HOURS. THE FIELD IS EXPECTED TO BE MODERATELY UNSETTLED WITH
OCCASIONAL PERIODS OF ACTIVE CONDITIONS.

III. EVENT PROBABILITIES 21 APRIL - 23 APRIL

CLASS M 05/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 APRIL 83

PREDICTED 21-23 APRIL 80/79/77

90-DAY MEAN 20 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 APRIL 34

ESTIMATED AFR/AP 20 APRIL 22/25

PREDICTED AFR/AP 21-23 APRIL 14/20 - 10/10 -07/07

SOLTERWARN

BT

HFUS 3 BOU 211500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 111-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 21 APRIL 1977

IA. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE PAST
EIGHT HOURS. OCCASIONAL POINT BRIGHTENINGS WERE REPORTED IN REGION
807 (S19W42), AND THERE IS A NEW AREA OF SPOTS DEVELOPING EAST
OF REGION 807.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW DURING THE REST
OF THE FORECAST PERIOD. HOWEVER, OCCASIONAL C-CLASS X-RAY
ACTIVITY IS LIKELY.

II. THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED DURING THE PAST
EIGHT HOURS. UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT
THREE DAYS.

III. EVENT PROBABILITIES 21 - 23 APRIL

CLASS M 05/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 APRIL 83

PREDICTED 21 - 23 APRIL 80/79/77

90-DAY MEAN 20 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 APRIL 34

ESTIMATED AFR/AP 20 APRIL 22/25

PREDICTED AFR/AP 21 - 23 APRIL 14/20 - 10/10 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 111

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 APRIL 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.
REGION 807 (S19W41) HAS PRODUCED SEVERAL SMALL SUBFLARES DURING
THE PAST 24 HOURS WITH DARK SURGES ASSOCIATED WITH SOME OF THEM.
SEVERAL SMALL SPOTS FORMED IN THE TRAILER PORTION OF REGION 807,
AND THE MT WILSON OBSERVATORY POLARITY CLASSIFICATION INDICATED THE
SPOTS WERE PROBABLY PART OF REGION 807. ALSO, THERE APPEARS TO
BE SOME EMERGING FLUX AHEAD OF THE LARGE LEADER SPOT IN THIS REGION.

IB. SOLAR ACTIVITY IS EXPECTED TO BE GENERALLY VERY LOW DURING THE
NEXT 24 HOURS. REGION 807 IS STILL CAPABLE OF PRODUCING C-CLASS
X-RAY EVENTS WITH ISOLATED M-CLASS ACTIVITY.

II. THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED DURING THE PAST
24 HOURS, AND UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT
THREE DAYS.

III. EVENT PROBABILITIES 22 - 24 APRIL

CLASS M 05/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 APRIL 80

PREDICTED 22 - 24 APRIL 80/80/80

90-DAY MEAN 21 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 APRIL 25

ESTIMATED AFR/AP 21 APRIL 10/13

PREDICTED AFR/AP 22 - 24 APRIL 10/10 - 07/07 - 10/10

SOLTERWARN

BT