

HFUS 3 BOU 230430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 174A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 23 JUNE 1977

IA. SOLAR ACTIVITY REMAINED AT A VERY LOW LEVEL THE PAST 8 HOURS.
REGION 839 (N16E85) IS ROTATING ONTO THE DISK. MANILA AND PALEHUA
REPORT AN H-TYPE SUNSPOT WITH BRIGHT PLAGE AT THIS LOCATION. POINT
BRIGHTENINGS CONTINUE IN REGION 837 (S21E28), HOWEVER, NO FLARES
HAVE BEEN REPORTED.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT A VERY LOW LEVEL WITH C CLASS
X-RAY EVENTS EXPECTED FROM REGIONS 837 AND 839 FOR THE NEXT TWO
TO THREE DAYS.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE IN BOULDER AT 23/0230Z.
GENERALLY UNSETTLED CONDITIONS WITH BRIEF ACTIVE PERIODS ARE EX-
PECTED THRU THE FORECAST PERIOD.

III. EVENT PROBABILITIES 23 JUNE - 25 JUNE

CLASS M 25/30/40

CLASS X 01/02/03

PROTON 01/02/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 JUNE 96

PREDICTED 23-25 JUNE 100/102/103

90-DAY MEAN 22 JUNE 81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 JUNE 08

ESTIMATED AFR/AP 22 JUNE 08/10

PREDICTED AFR/AP 23-25 JUNE 18/20 - 14/10 - 10/10

SOLTERWARN

BT

HFUS 3 BOU 231500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 174-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 23 JUNE 1500Z

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. REGIONS 837 (S21E20)
AND 839 (N15E79) ARE BOTH INTERESTING AND HAVE PRODUCED SURGING AND
FOINT BRIGHTINGS.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW, REGION 837 HAS GOOD
POTENTIAL FOR CLASS "M" EVENTS. REGION 839 WILL ROTATE INTO A
BETTER POSITION FOR ANALYSIS DURING THE DAY.

II. THE GEOMAGNETIC FIELD WAS ACTIVE 0130 - 0600Z. THE FIELD IS NOW
QUIET AND SHOULD BE GENERALLY UNSETTLED THRU THE REMAINDER OF THE
PERIOD.

III. EVENT PROBABILITIES 23 - 25 JUNE

CLASS M 25/30/40

CLASS X 01/02/03

PROTON 01/02/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 JUNE 96

PREDICTED 23 - 25 JUNE 100/102/103

90-DAY MEAN 22 JUNE 81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 JUNE 08

ESTIMATED AFR/AP 22 JUNE 08/10

PREDICTED AFR/AP 23 - 25 JUNE 12/14 - 10/10 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 174

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 23 JUNE 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. TWO C-2 X-RAY EVENTS WERE
PRODUCED BY REGION 837 (S21E14). THE ONLY OTHER ACTIVITY HAS BEEN
SURGING AND POINT BRIGHTENINGS. REGION 839 (N15E74) MAY BE STABLE
OR DECAYING. REMAINDER OF DISK IS QUIET.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW. CLASS C AND POSSIBLE
CLASS M EVENTS CAN BE ANTICIPATED FROM REGIONS 837 AND 839.

II. THE GEOMAGNETIC FIELD WAS ACTIVE EARLY IN THE DAY AND QUIET FOR
THE PAST 12 HOURS. THE FIELD WILL BE GENERALLY UNSETTLED THE
FIRST 24 HOURS THEN UNSETTLED TO ACTIVE FOR THE REST OF THE PERIOD.

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 09/13

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

SOLTERWARN

BT