

HFUS 3 BOU 310500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 151A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 31 MAY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
SEVERAL SMALL X-RAY EVENTS HAVE BEEN OBSERVED. REGION 828 (N20W30)
HAS HAD AN AFS IN PROGRESS DURING PAST SEVERAL HOURS. THE REST OF
THE DISK IS QUIET AND STABLE.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED AND
IT IS EXPECTED TO CONTINUE AT THIS LEVEL DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 31 MAY - 02 JUNE

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 MAY 88

PREDICTED 31 MAY - 02 JUNE 89/89/89

90-DAY MEAN 30 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 MAY 03

ESTIMATED AFR/AP 30 MAY 05/05

PREDICTED AFR/AP 31 MAY - 02 JUNE 12/15 - 12/15 - 10/10

SOLTERWARN

BT

HFUS 3 BOU 311500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 151-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 31 MAY 1977

IA. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL. REGION 828
(N21W37) CONTINUES ITS GROWTH, ESPECIALLY THE LEADER PORTION.
OCCASIONAL SMALL X-RAY ENHANCEMENTS WERE DETECTED DURING THIS
PERIOD. REGION 829 (N11E50) HAS BEEN STABLE WITH SOME SPOT DECAY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL
THROUGH THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED DURING THE
PAST TEN HOURS. QUIET TO UNSETTLED CONDITIONS ARE EXPECTED
THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 31 MAY - 02 JUNE

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 MAY 88

PREDICTED 31 MAY - 02 JUNE 89/89/89

90-DAY MEAN 30 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 MAY 03

ESTIMATED AFR/AP 30 MAY 05/05

PREDICTED AFR/AP 31 MAY - 02 JUNE 08/10 - 12/15 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 312200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 151

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 31 MAY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS. SPOT GROWTH IN REGION 828 (N20W40), A D-TYPE GROUP, CONTINUED THROUGH MOST OF THE PERIOD, BUT THE REGION IS MAGNETICALLY SIMPLE. REGION 829 (N22E42) HAS BEEN SLOWLY DECAYING BUT REMAINS A C-TYPE SPOT GROUP. SEVERAL SMALL C-CLASS X-RAY EVENTS WERE DETECTED DURING THE PAST 24 HOURS, BUT NO FLARES WERE REPORTED.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL WITH PRIMARILY C-CLASS ACTIVITY. HOWEVER, ISOLATED M-CLASS EVENTS ARE POSSIBLE.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED TO QUIET DURING THE PAST 24 HOURS. AN OVERDUE RECURRENT DISTURBANCE IS EXPECTED TO BEGIN DURING THE NEXT 24 HOURS AND CONTINUE THROUGH 2 JUNE. THE FIELD SHOULD BE GENERALLY UNSETTLED ON 3 JUNE.

III. EVENT PROBABILITIES 01 JUNE - 03 JUNE

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 MAY 89

PREDICTED 01-03 JUNE 90/90/90

90-DAY MEAN 31 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 MAY 05

ESTIMATED AFR/AP 31 MAY 07/07

PREDICTED AFR/AP 01-03 JUNE 12/15 - 12/15 - 07/10

SOLTERWARN

BT