

HFUS 3 BOU 180500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 138-A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 18 MAY 1977

IA. SOLAR ACTIVITY REMAINS VERY LOW. THE ONLY ACTIVITY NOTED WAS
A VERY SMALL X-RAY ENHANCEMENT AT 17/2240Z.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW. NO SIGNIFICANT CHANGES
ARE EXPECTED IN THE PRESENT REGIONS.

II. THE GEOMAGNETIC FIELD WILL CONTINUE AT QUIET TO UNSETTLED
LEVELS THROUGH TODAY. QUIET CONDITIONS WILL PREVAIL FOR THE
REMAINDER OF THE PERIOD.

III. EVENT PROBABILITIES 18-20 MAY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 MAY 82

PREDICTED 18-20 MAY 82/81/81

90-DAY MEAN 17 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 MAY 16

ESTIMATED AFR/AP 17 MAY 15/23

PREDICTED AFR/AP 18-20 MAY 10/10 - 07/05 - 07/05

SOLTERWARN

BT

HFUS 3 BOU 181500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 138-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 18 MAY 1977
IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 17 HOURS. OF THE
DISK REGIONS, ONLY REGION 814 (S19W32) CONTAINS SUNSPOTS AND THEIR
STRUCTURE HAS SHOWN A SLOW DECAY.
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.
II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE AND THESE
CONDITIONS ARE EXPECTED TO CONTINUE FOR THE BALANCE OF THIS ZULU DAY.
III. EVENT PROBABILITIES 18-20 MAY
CLASS M 05/05/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 17 MAY 82
PREDICTED 18-20 MAY 82/81/81
90-DAY MEAN 17 MAY 78
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 16 MAY 16
ESTIMATED AFR/AP 17 MAY 15/23
PREDICTED AFR/AP 18-20 MAY 10/10 - 07/05 - 07/05
SOLTERWARN
BT

HFUS 1 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 138

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 18 MAY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH NO EVENT OCCURRING.
THE SUNSPOT STRUCTURE IN REGION 817 (S20W39) HAS BEEN SLOWLY DECAYING.
HOWEVER, THE KITTI PEAK MAGNETOGRAM SHOWS AN ISOLATED POLARITY
SEGMENT IN THE NW PORTION OF THE PLAGE STRUCTURE. THE LATITUDE
OF REGION 822 (N40E56) HAS BEEN ADJUSTED SINCE THE FULL REGION
IS ON THE DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO
REMAIN GENERALLY UNSETTLED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 19-21 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 MAY 81

PREDICTED 19-21 MAY 81/80/80

90-DAY MEAN 18 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 MAY 16

ESTIMATED AFR/AP 18 MAY 11/13

PREDICTED AFR/AP 19-21 MAY 10/10 - 07/07 - 10/10

SOLTERWARN

BT