

HFUS 3 BOU 040500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 124-A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 04 MAY 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST EIGHT HOURS.
REGION 814 (N31E46) CONTINUED ITS SPOTS DEVELOPMENT AND DISPLAYED
PLAGE BRIGHTENINGS TO NEAR FLARE INTENSITY.

IB. SOLAR ACTIVITY IS EXPECTED TO BE GENERALLY LOW DURING THE
REST OF THE FORECAST PERIOD WITH OCCASIONAL C-CLASS X-RAY EVENTS.
ISOLATED M-CLASS X-RAY ACTIVITY IS ALSO POSSIBLE FROM REGION 814.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET DURING THE PAST
EIGHT HOURS; HOWEVER, INTERMITTENTLY ACTIVE CONDITIONS ARE EXPECTED
THROUGH 06 MAY.

III. EVENT PROBABILITIES 04 - 06 MAY

CLASS M 25/40/50

CLASS X 01/01/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 MAY 81

PREDICTED 04 - 06 MAY 84/87/90

90-DAY MEAN 03 MAY 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 MAY 44

ESTIMATED AFR/AP 03 MAY 20/20

PREDICTED AFR/AP 04 - 06 MAY 15/20 - 20/20 - 12/15

SOLTERWARN

BT

HFUS 3 BOU 041500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO
SDF NUMBER 124-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 04 MAY 1977
IA. SOLAR ACTIVITY HAS BEEN VERY LOW SINCE OUR 0500Z REPORT.
REGION 814 (N30E40) PRODUCED A SN FLARE WITH A C-4 X-RAY
ENHANCEMENT AT 1125Z. SEVERAL VERY MINOR X-RAY INCREASES
ACCOMPANIED POINT BRIGHTENINGS THRU THE NIGHT.
IB. A STRONG POTENTIAL FOR CLASS M X-RAY EVENTS EXISTS WITH
REGION 814.
II. THE GEOMAGNETIC FIELD REMAINS QUIET. AN INCREASE TO ACTIVE
LEVELS IS STILL EXPECTED DURING THE LAST 48 HOURS OF THE PERIOD.
III. EVENT PROBABILITIES 04-06 MAY
CLASS M 25/40/50
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 03 MAY 81
PREDICTED 04-06 MAY 84/87/90
90-DAY MEAN 03 MAY 79
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 02 MAY 44
ESTIMATED AFR/AP 03 MAY 20/20
PREDICTED AFR/AP 04-06 MAY 07/10 - 20/20 - 12/15
SOLTERWARN
BT

HFUS 1 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 124

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 04 MAY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 814 (N30E34)
HAS STOPPED ITS RAPID GROWTH AND SIMPLIFIED MAGNETICLY. THE REGION
HAS PRODUCED NUMEROUS X-RAY ENHANCEMENTS WHICH WERE CAUSED BY POINT
BRIGHTENINGS. A SUBNORMAL FLARE AT 1124Z WAS THE ONLY OTHER
ACTIVITY NOTED FROM THE REGION.

IB. SOLAR ACTIVITY WILL REMAIN LOW. A PROMINANCE ON THE SE LIMB
MARKS THE RETURN OF REGION 811.

II. THE GEOMAGNETIC FIELD WAS QUIET UNTIL ABOUT 1530Z WHEN UN-
SETTLED TO ACTIVE CONDITIONS BEGAN. THE FIRST 24 HOURS OF THE PERIOD
SHOULD SEE ACTIVE CONDITIONS THEN BECOMING GENERALLY UNSETTLED FOR
THE REMAINDER OF THE PERIOD.

III. EVENT PROBABILITIES 05 - 07 MAY

CLASS M 15/20/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 MAY 81

PREDICTED 05 - 07 MAY 83/84/86

90-DAY MEAN 04 MAY 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 MAY 19

ESTIMATED AFR/AP 04 MAY 11/09

PREDICTED AFR/AP 05 - 07 MAY 20/20 - 12/15 - 12/12

SOLTERWARN

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