

HFUS 1 BOU 010600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 032A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 01 FEBRUARY 1977

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST EIGHT HOURS. NO FLARES HAVE BEEN REPORTED. REGION 779 (N27E50) HAS DEVELOPED IN BOTH H-ALPHA AND WHITE LIGHT. TWO CLASS C XRAY BURSTS WERE OBSERVED ON SATELLITE READOUTS. C-2 AT 01/0011Z, C-4 AT 01/0207Z.

IB. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVEL. CLASS C EVENTS ARE EXPECTED AND CLASS M EVENTS ARE PROBABLE FROM REGION 779 IF THE REGION CONTINUES TO DEVELOP.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETLED AND WILL CONTINUE AT THIS LEVEL DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 01 FEBRUARY - 03 FEBRUARY

CLASS M 05/10/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 JANUARY 82

PREDICTED 01-03 FEBRUARY 84/85/86

90-DAY MEAN 31 JANUARY 76

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 JANUARY 25

ESTIMATED AFR/AP 31 JANUARY 15/16

PREDICTED AFR/AP 01-03 FEBRUARY 10/10 - 07/07 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 011500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 032-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 01 FEBRUARY 1977

IA. SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 16 HOURS. REGION 779
(N28E46) PRODUCED FOUR C-CLASS X-RAY BURSTS DURING THE PAST EIGHT
HOURS. THE REGION APPEARS TO BE A B-TYPE SPOT GROUP WITH ABOUT 13
SPOTS.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL FOR THE
REST OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED DURING THE PAST
16 HOURS WITH QUIET CONDITIONS FOR THE PAST EIGHT HOURS. QUIET TO
SLIGHTLY UNSETLED CONDITIONS ARE EXPECTED FOR THE REMAINDER OF THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 01 - 03 FEBRUARY

CLASS M 05/10/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 JAN 82

PREDICTED 01-03 FEB 84/85/86

90-DAY MEAN 31 JAN 76

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 JAN 25

ESTIMATED AFR/AP 31 JAN 15/16

PREDICTED AFR/AP 01-03 FEB 10/10 - 07/07 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 012200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO
SDF NUMBER 032
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 01 FEB 1977

IA. SOLAR ACTIVITY WAS LOW DURING THE PAST FORECAST PERIOD.
REGION 779 (N28E39), A C-TYPE BETA SPOT GROUP, CONTINUED ITS SPOT
DEVELOPMENT DURING THE PAST 24 HOURS AND HAS A REPORTED 20 SPOTS.
APPROXIMATELY EIGHT C-CLASS X-RAYS BURSTS WERE DETECTED ON SMS/
GOES SATELLITES. ONE SUBFLARE WAS OBSERVED IN REGION 779 AT ABOUT
011905Z.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL WITH
CONTINUED C-CLASS X-RAY ACTIVITY AND ISOLATED M-CLASS X-RAY
EVENTS.

II. THE GEOMAGNETIC FIELD WAS GENERALLY QUIET DURING THE PAST 24
HOURS. SIMILAR CONDITIONS ARE EXPECTED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 2 FEB - 4 FEB

CLASS M 20/25/25

CLASS X 01/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 1 FEB 85

PREDICTED 2 - 4 FEB 86/87/88

90-DAY MEAN 1 FEB 76

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 JAN 14

ESTIMATED AFR/AP 01 FEB 05/05

PREDICTED AFR/AP 02-04 FEB 07/07 - 07/08 - 07/08

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