

HFUS 1 BOU 040600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 004A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 04 JANUARY 1977

IA. SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL DURING THE
PAST EIGHT HOURS. THE DISK REGIONS APPEAR STABLE AND QUIET.

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

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST EIGHT HOURS.
IT IS EXPECTED THAT THE FIELD WILL BECOME UNSETTLED DURING THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 04 JANUARY - 06 JANUARY

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 JANUARY 79

PREDICTED 04-06 JANUARY 78/77/76

90-DAY MEAN 03 JANUARY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 JANUARY 03

ESTIMATED AFR/AP 03 JANUARY 03/03

PREDICTED AFR/AP 04-06 JANUARY 05/07 - 15/15 - 15/10

SOLTERWARN

BT

HFUS 1 BOU 041500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 004-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 04 JAN 1977

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGIONS 764 (S19W69) AND
765 (N06E40) ARE WEAK AND STABLE. REGION 766 (N33W71) CONTAINS
A D-TYPE SUNSPOT GROUP AND THE REGION EXHIBITS PERIODIC BRIGHTENING
WITHIN ITS STRUCTURE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD WAS QUIET, BECOMING UNSETTLED AT BOULDER
NEAR 04/1000Z. THE FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE
DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 04 JANUARY - 06 JANUARY

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 JANUARY 79

PREDICTED 04-06 JANUARY 78/77/76

90-DAY MEAN 03 JANUARY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 JANUARY 03

ESTIMATED AFR/AP 03 JANUARY 03/03

PREDICTED AFR/AP 04-06 JANUARY 05/07 - 15/15 - 15/10

SOLTERWARN

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HFUS 1 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 004

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

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. HOWEVER, REGION 764
(S19W74) PRODUCED A 1N FLARE WITH A C-3 X-RAY BURST. A MINOR
CENTIMETRIC BURST (33F.U. AT 2695 MHZ) ACCOMPANIED THE FLARE.
EJECTA, POSSIBLY ATTAINING ESCAPE VELOCITY, WAS OBSERVED TO 0.25
SOLAR RADIUS BEYOND THE SW LIMB.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD WAS QUIET, BECOMING UNSETTLED AT BOULDER
NEAR 04/1000Z. THE FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE
DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 05 - 07 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 JAN 78

PREDICTED 05 - 07 JAN 77/76/75

90-DAY MEAN 04 JAN 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 JAN 06

ESTIMATED AFR/AP 04 JAN 07/07

PREDICTED AFR/AP 05 - 07 JAN 12/15 - 12/10 - 12/15

SOLTERWARN

BT