

HFUS BOU 060553

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 006A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 06 JANUARY 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
REGION 546 (S08W28) HAS HAD A FEW SMALL NON ENERGETIC EVENTS. THE
REST OF THE DISK IS QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO
CONTINUE UNSETTLED TO ACTIVE DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES - NO CHANGE

IV. OTTAWA 10.7 CM FLUX - NO CHANGE

V. GEOMAGNETIC A INDICES - NO CHANGE

SOLTERWARN

BT

HFUS 1 BOU 061430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 006B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 06 JAN 1975

IA. SOLAR ACTIVITY REMAINS LOW. A MULTI-SEGMENTED FALRE (0B/1B)
IN REGION 548 (N05E19) PRODUCED A C-2 X-RAY EVENT WITH MAXIMUM AT
06/0758Z. A SMALL CENTIMETRIC BURST ACCOMPANIED THIS EVENT.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH A TENDENCY TOWARD
UNSETTLED CONDITIONS. THE FIELD IS EXPECTED TO REMAIN ACTIVE TO
UNSETTLED DURING THE FORECAST PERIOD.

III. & IV. - NO CHANGE FROM 2200Z

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 JAN 20

ESTIMATED AFR/AP 05 JAN 18/27

PREDICTED AFR/AP 06-08 JAN 15/22 - 17/24 - 17/23

SOLTERWARH

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HFUS 1 BOU 062230

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 006

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 06 JAN 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THE C-2 X-RAY EVENT
REPORTED IN THE 1400Z MSG WAS FROM THE VELA SENSOR, THE GOES
SENSOR DID NOT REACH CLASS C LEVEL. REGION 550 (N07W37) IS
SLOWLY EMERGING.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAD BEEN UNSETTLED. HOWEVER, A
SUDDEN COMMENCEMENT WAS OBSERVED AT BOULDER AT 1958Z, WITH A
DEVIATION OF 36 GAMMAS. MINOR MAGNETIC STORM CONDITIONS ARE
EXPECTED FOR THE NEXT 12 HOURS WITH ACTIVE CONDITIONS PREVAILING
FOR THE BALANCE OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 07-09 JAN

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 JAN 76

PREDICTED 07-09 JAN 77/77/78

90-DAY MEAN 06 JAN 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 JAN 20

ESTIMATED AFR/AP 06 JAN 14/20

PREDICTED AFR/AP 07-09 JAN 25/30 - 20/25 - 15/20

SOLTERWARN

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