

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 UNSETLED AND IS EXPECTED TO  
CONTINUE UNSETLED 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 FLARE (2B/1B) IN REGION 548 (N35E19) 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 35 JAN 18/27

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

SOLTERWARN

BT.

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 55C (N97W37) IS  
SLOWLY EMERGING.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAD BEEN UNSETLED. 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 27-09 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 27-09 JAN 25/30 - 20/25 - 15/20

SOLTERWARN

BT