

HFUS 3 BOU 310530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 304A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0530Z 31 OCTOBER 1977

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW. THE FIVE SPOTTED  
ACTIVE REGIONS NOW VISIBLE ARE ALL SMALL AND RELATIVELY QUIESCENT.  
REGION 930 (N19E60) HAS A SMALL CLASS D SPOT GROUP WITH COMPACT  
PLAGE WITH INTERMITTENT BRIGHTENINGS. REGION 928 (S23E45) HAS AN  
UNUSUAL MAGNETIC CONFIGURATION AND A SMALL AREA OF STEEP MAGNETIC  
GRADIENT, BUT ITS PLAGE IS FAINT AND INACTIVE. A SMALL EMERGING  
FLUX REGION HAS APPEARED ON THE WESTERN BORDER OF OLD REGION 924  
(S17W30) AND HAS FORMED A SMALL SPOT IN THE LAST SEVERAL HOURS.

A C2 X-RAY EVENT OCCURRED AT 0409Z.

IB. SOLAR ACTIVITY MAY INCREASE SLIGHTLY AS MINOR GROWTH CONTINUES  
IN THE ACTIVE CENTERS NOW VISIBLE AND AS MINOR ACTIVITY APPEARS  
AT NORTHEAST LIMB DURING THE NEXT THREE DAYS. NO FLARES ABOVE  
CLASS C ARE EXPECTED.

II. THE GEOMAGNETIC FIELD BECAME UNSETTLED AFTER 0200Z. QUIET TO  
SLIGHTLY UNSETTLED CONDITIONS ARE EXPECTED THROUGHOUT THIS FORE-  
CAST PERIOD.

III. EVENT PROBABILITIES 31 OCTOBER - 02 NOVEMBER

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 OCTOBER 96

PREDICTED 31 OCTOBER - 02 NOVEMBER 97/99/99

90-DAY MEAN 30 OCTOBER 94

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 OCTOBER 08

ESTIMATED AFR/AP 30 OCTOBER 07/07

PREDICTED AFR/AP 31 OCTOBER - 02 NOVEMBER 08/08 - 08/08 - 08/08

SOLTERWARN

BT

HFUS 3 BOU 311500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 304B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 31 OCTOBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. WEATHER AT OBSERVING SITES  
HAS PRECLUDED PATROL FOR THE PAST EIGHT HOURS. NO X-RAY ENHANCEMENTS  
HAVE BEEN OBSERVED.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AND NO CHANGE  
IS EXPECTED.

III. EVENT PROBABILITIES 31 OCT - 02 NOV

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 OCT 9.6

PREDICTED 31 OCT - 02 NOV 97/99/99

90-DAY MEAN 30 OCT 9.4

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 OCT 08

ESTIMATED AFR/AP 30 OCT 07/07

PREDICTED AFR/AP 31 OCT - 02 NOV 08/08 - 08/08 - 08/08

SOLTERWARM

BT

HFUS 1 20U 312200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 304

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 31 OCTOBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. A SUB-NORMAL, CLASS C-2  
X-RAY EVENT WAS OBSERVED IN REGION 930 (N19E54) AT 31/0415Z AND  
WAS THE EXTENT OF ENERGETIC ACTIVITY. REGION 924 (S19W41)  
REDEVELOPED OVER THE PAST 24 HOURS WITH A STRONG AFS PRESENT. REGION  
922 (N22W23) CONTINUES TO DECAY AND THE REMAINDER OF THE DISK AND  
THE LIMBS ARE QUIET AND STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW. INFREQUENT CLASS C  
EVENTS ARE POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED  
AND SHOULD REMAIN SO FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 01-03 NOV

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 OCT 97

PREDICTED 01-03 NOV 98/99/100

90-DAY MEAN 31 OCT 94

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 OCT 08

ESTIMATED AFR/AP 31 OCT 07/06

PREDICTED AFR/AP 01-03 NOV 08/08 - 08/08 - 07/07

SOLTERWARN

BT