

HFUS 1 BOU 110530  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 101A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 11 APRIL 1977  
IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO SIGNIFICANT FEATURES  
OBSERVED.  
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.  
II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE THE PAST  
8 HOURS. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED THE NEXT 24  
HOURS.  
III. EVENT PROBABILITIES 11 APRIL - 13 APRIL  
CLASS M 01/01/01  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 10 APRIL 76  
PREDICTED 11-13 APRIL 76/76/77  
90-DAY MEAN 10 APRIL 79  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 09 APRIL 18  
ESTIMATED AFR/AP 10 APRIL 14/13  
PREDICTED AFR/AP 11-13 APRIL 10/15 - 08/10 - 07/07  
SOLTERWARN  
BT

HFUS 1 BOU 111520

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 101-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 11 APRIL 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST EIGHT HOURS.  
A NEW H-TYPE SPOT GROUP (REGION 807, S22E86) HAS ROTATED ONTO  
THE DISK AND HAS BEEN SURGING. A C-2 X-RAY BURST WHICH BEGAN AT  
11/1435Z, MAXED AT 11/1449, AND ENDED AFTER 11/1500Z WAS OBSERVED ON  
THE SMS/GOES SATELLITES.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL  
THROUGH THE FORECAST PERIOD. ACTIVITY MAY INCREASE AS REGION 807  
CONTINUES TO ROTATE ONTO THE DISK.

II. THE GEOMAGNETIC FIELD WAS QUIET TO SLIGHTLY UNSETTLED  
DURING THE PAST EIGHT HOURS. UNSETTLED TO QUIET CONDITIONS ARE  
EXPECTED FOR THE REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 11 APRIL - 13 APRIL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 APRIL 76

PREDICTED 11-13 APRIL 76/76/77

90-DAY MEAN 10 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 APRIL 18

ESTIMATED AFR/AP 10 APRIL 14/13

PREDICTED AFR/AP 11-13 APRIL 10/15 - 08/10 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 101

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 11 APRIL 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 24 HOURS. REGION 807 (S22E80) CONTINUES ITS ROTATION ONTO THE DISK, AND THE MCMATH OBSERVATORY REPORTED SEEING AT LEAST TWO LARGE SPOTS. THE GROUP IS ACCOMPANIED BY AN ACTIVE SURGE REGION AND POSSIBLY AN ACTIVE DARK FILAMENT. THE SMS-2 SATELLITE DETECTED A C-3 X-RAY BURST WHICH BEGAN AT ABOUT 11/1435Z, MAXED AT 11/1449Z, AND ENDED AT 11/1502Z. ALSO, A C-9 X-RAY BURST BEGAN AT 11/2110Z AND MAXED AT 11/2128Z.

IB. SOLAR ACTIVITY IS EXPECTED TO BE GENERALLY VERY LOW DURING THE NEXT 24 HOURS. HOWEVER, C-CLASS X-RAY ACTIVITY MAY INCREASE AS REGION 807 CONTINUES ITS ROTATION ONTO THE DISK, AND ISOLATED M-CLASS ACTIVITY IS POSSIBLE.

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

III. EVENT PROBABILITIES 12 APRIL - 14 APRIL

CLASS M 10/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 APRIL 79

PREDICTED 12-14 APRIL 80/80/81

90-DAY MEAN 11 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 APRIL 13

ESTIMATED AFR/AP 11 APRIL 08/10

PREDICTED AFR/AP 12-14 APRIL 08/10 - 07/07 - 08/07

SOLTERWARN

BT