

HFUS 3 BOU 180530  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.  
SDF NUMBER 077A  
JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 18 MARCH 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST EIGHT HOURS. REGION 1035 (N16E31) PRODUCED ONE SUB-FLARE WITH A C-4 X-RAY BURST. OTHER REGIONS HAVE BEEN STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED THRU THE PERIOD.

III. EVENT PROBABILITIES 18 MARCH - 20 MARCH

CLASS M	35/25/20
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	17 MARCH 136
PREDICTED	18-20 MARCH 132/129/128
90-DAY MEAN	17 MARCH 130

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	16 MARCH 18
ESTIMATED AFR/AP	17 MARCH 16/27
PREDICTED AFR/AP	18-20 MARCH 14/25 - 10/10 - 08/08
SOLTERVARN	

BT

HFUS 3 BOU 181500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 077B  
JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 18 MARCH 1978.

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1035 (N18E22) PRODUCED A SF FLARE (C-1 X-RAY) AT 1421Z (MAX). ALL OTHER REGIONS STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE FOR THE PAST 8 HOURS. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED FOR THE REST OF TODAY.

III. EVENT PROBABILITIES 18 MARCH - 20 MARCH

CLASS M 35/25/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 MARCH 136

PREDICTED 18-20 MARCH 132/129/128

90-DAY MEAN 17 MARCH 130

V. GEOMAGNETIC A. INDICES

OBSERVED FREDERICKSBURG 16 MARCH 18

ESTIMATED AFR/AP 17 MARCH 16/27

PREDICTED AFR/AP 18-20 MARCH 14/25 - 10/10 - 08/08

SOLIERWARN

BT

HFUS 1 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 077

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 18 MARCH 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1035 (N19E22) PRODUCED  
A 1N FLARE (C-4 X-RAY) AT 0341Z (MAX) AND SEVERAL SUBFLARES SINCE  
THEN. REGION 1029 (N15W67) PRODUCED A SF FLARE AT 1430Z (MAX).  
NEW REGION 1038 (S33E33) IS A B-TYPE BETA WITH FOUR SPOTS.  
THE REST OF THE DISK/LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE TODAY.  
CONDITIONS SHOULD BE UNSETLED FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 19 MARCH - 21 MARCH

CLASS M 25/20/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 MARCH 134

PREDICTED 19-21 MARCH 131/129/131

90-DAY MEAN 18 MARCH 130

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 MARCH 22

ESTIMATED AFR/AP 18 MARCH 14/22

PREDICTED AFR/AP 19-21 MARCH 10/10 - 08/08 - 08/08

SOLTERWARN

BT