

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 UNSETTLED 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

SOLTERWARN

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

SOLTERWARM

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 IN FLARE (C-4 X-RAY) AT 0341Z (MAX) AND SEVERAL SUBFLARES SINCE
THEN. REGION 1029 (N15W67) PRODUCED A SF FLARE AT 1436Z (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 UNSETTLED TO ACTIVE TODAY.
CONDITIONS SHOULD BE UNSETTLED 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