

HFUS 3 BOU 160530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 075A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 16 MARCH 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 1031 (S28W00) HAS  
HAD SOME POINT BRIGHTENINGS. THE REST OF THE DISK/LIMB IS LITTLE  
CHANGED.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW.

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

III. EVENT PROBABILITIES 16 MARCH - 18 MARCH

CLASS M 40/40/50

CLASS X 01/01/05

PROTON 01/01/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 MARCH 156

PREDICTED 16-18 MARCH 152/148/147

90-DAY MEAN 15 MARCH 129

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 MARCH 11

ESTIMATED AFR/AP 15 MARCH 13/18

PREDICTED AFR/AP 16-18 MARCH 10/13 - 10/12 - 10/12

SOLTERWARN

BT

HFUS 3 BOU 161500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 075-B

JOINT USAF/NOAA/SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 16 MAR 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. BACKGROUND X-RAY FLUX CONTINUES  
AT NEAR C-CLASS LEVELS. THE DISK/LIMB IS LITTLE CHANGED

IB. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. CONDITIONS  
ARE EXPECTED TO BE UNSETTLED FOR THE REST OF THE DAY

III. EVENT PROBABILITIES 16 - 18 MAR

CLASS M 40/40/50

CLASS X 01/01/05

PROTON 01/01/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 MAR 156

PREDICTED 16 - 18 MAR 152/148/147

90-DAY MEAN 15 MAR 129

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 MAR 11

ESTIMATED AFR/AP 15 MAR 13/18

PREDICTED AFR/AP 16 - 18 MAR 14/17 - 10/12 - 10/12

SOLTERWARN

BT

HFUS 180U 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 075

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 16 MAR 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1029 (N16W42) HAS DECAYED  
TO A C-TYPE BETA GROUP WITH 5 SPOTS AND APPEARS STABLE. REGION  
1031 (S30W05) NOW HAS 10 SPOTS AND PRODUCED A SF FLARE AT 1835Z (MAX)  
THERE IS SOME PLAGE AT NE 10-15 WHICH MAY INDICATE THE RETURN OF  
REGION 1011. AN APR WAS NOTED AT NE25. THE REST OF THE DISK/LIMB  
IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. GENERALLY  
UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT 48 HOURS

III. EVENT PROBABILITIES 17 - 19 MAR

CLASS M 40/30/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 MAR 138

PREDICTED 17 - 19 MAR 134/131/129

90-DAY MEAN 16 MAR 129

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 MAR 13

ESTIMATED AFR/AP 16 MAR 14/23

PREDICTED AFR/AP 17 - 19 MAR 10/12 - 10/12 - 10/14

SOLTERWARN

BT