

HFUS 3 BOU 050600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 064A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 5 MAR 1978

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 8 HOURS. SEVERAL  
SMALL CLASS C XRAY BURSTS HAVE BEEN OBSERVED BUT NO CORRESPONDING  
OPTICAL REPORTS HAVE BEEN RECEIVED. NO SIGNIFICANT CHANGES IN THE  
VISIBLE DISK REGIONS HAVE BEEN REPORTED.

IB. SOLAR ACTIVITY WILL BE AT A LOW LEVEL DURING THE NEXT 24 HOURS  
II. THE GEOMAGNETIC FIELD IS QUIET AND NO CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 05-07 MAR

CLASS M 50/50/50

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 MAR 151

PREDICTED 05-07 MAR 154/154/154

90-DAY MEAN 04 MAR 121

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 MAR 13

ESTIMATED AFR/AP 04 MAR 02/05

PREDICTED AFR/AP 05-07 MAR 04/05 - 07/08 - 09/10

SOLTERWARN

BT

HFUS 3 BOU 051500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 064B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 5 MAR 1978

IA. SOLAR ACTIVITY HAS BEEN MODERATE. A CLASS C-9 X-RAY EVENT BEGAN  
AT 05/0938Z AND MAXED AT 1104Z BUT NO FLARE REPORTS WERE RECEIVED.  
REGION 1028 (N15E64) WHICH IS OLD 1001 PRODUCED A SUB-BRILLIANT FLARE  
WITH A CLASS M-1 X-RAY BURST. THIS HAS BEEN THE FIRST INDICATION THAT  
THE REGION MAINTAINED SOME OF IT'S DYNAMIC CHARACTER EVIDENT ON IT'S  
LAST ROTATION. LIMITED SEEING PREVENTS FURTHER DISK REVIEW.

IB. SOLAR ACTIVITY SHOULD REMAIN MODERATE.

II. THE GEOMAGNETIC FIELD WAS QUIET UNTIL 05/1100Z AND HAS BEEN  
UNSETLED SINCE. QUIET TO UNSETLED CONDITIONS ARE EXPECTED THRU  
THE PERIOD.

III. EVENT PROBABILITIES 05-07 MAR

CLASS M 50/50/50

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 MAR 151

PREDICTED 05-07 MAR 154/154/154

90-DAY MEAN 04 MAR 121

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 MAR 13

ESTIMATED AFR/AP 04 MAR 02/03

PREDICTED AFR/AP 05-07 MAR 04/05 - 07/08 - 09/10

SOLTERWARN

BT

HFUS 1 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 064

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 05 MARCH 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. THE C-9 AND M-1 EVENTS REPORTED  
ON OUR 05/15 00Z REPORT WERE ERRONEOUS DUE TO A FAULT IN THE  
MONITORING SYSTEM. REGIONS 1024 (N20E20) AND 1028 (N16E59) REMAIN  
LARGE AND SOMEWHAT IMPRESSIVE IN BOTH WHITE LIGHT AND H-ALPHA.  
OTHER REGIONS ARE UNIMPRESSIVE.

IB. SOLAR ACTIVITY SHOULD BE LOW TO MODERATE. SIGNIFICANT CHANGE  
IN REGIONS 1024 AND 1028 COULD INCREASE ENERGETIC EVENT PROBABILITIES

II. THE GEOMAGNETIC FIELD WAS QUIET THE FIRST HALF OF THE DAY THEN  
BECAME UNSETLED TO ACTIVE. THE FIELD IS EXPECTED TO BE GENERALLY  
UNSETLED THRU THE PERIOD.

III. EVENT PROBABILITIES 06 MARCH - 08 MARCH

CLASS M 50/50/50

CLASS X 05/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 MARCH 157

PREDICTED 06-08 MARCH 158/159/157

90-DAY MEAN 05 MARCH 122

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 MARCH 02

ESTIMATED AFR/AP 05 MARCH 08/15

PREDICTED AFR/AP 06-08 MARCH 12/15 - 10/10 - 10/10

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