

HFUS

3 BOU 310600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO.

SDF NUMBER 090A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 31 MARCH 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. ALL REGIONS REMAIN STABLE AND UN-  
IMPRESSIVE. NO OPTICAL FLARES OR X-RAY BURSTS HAVE BEEN RECORDED

IB. SOLAR ACTIVITY WILL BE LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND QUIET TO UNSETTLED.  
CONDITIONS ARE EXPECTED THROUGH THE REST OF THE ZULU DAY.

III. EVENT PROBABILITIES 31 MARCH - 02 APRIL

CLASS X 01/01/01

CLASS M 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 MARCH 117

PREDICTED 31 MAR -02 APRIL 120/122/128

90-DAY MEAN 30 MARCH 132

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 MARCH 16

ESTIMATED AFR/AP 30 MARCH 13/19

PREDICTED AFR/AP 31 MARCH - 01 APRIL 11/12 - 08/08 - 08/08

SOLTERWARN

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HFUS 3 BOU 311500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 09 0B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 31 MARCH 1978

I. SOLAR ACTIVITY HAS BEEN LOW. NO OPTICAL FLARES OR SIGNIFICANT ACTIVITY HAS BEEN REPORTED. ALL REGIONS ON THE DISK APPEAR STABLE.

II. SOLAR ACTIVITY IS EXPECTED TO BE LOW THIS EIGHT HOUR PERIOD.

III. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN QUIET TO SLIGHTLY UNSETLED THIS DAY.

III. EVENT PROBABILITIES 31 MAR - 02 APRIL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 MARCH 117

PREDICTED 31 MARCH - 02 APRIL 123/125/128

90-DAY MEAN 30 MARCH 132

V. GEOMAGNETIC A<sub>1</sub> INDICES

OBSERVED FREDERICKSBURG 29 MARCH 16

ESTIMATED AFR/AP 30 MARCH 13/19

PREDICTED AFR/AP 31 MARCH - 01 APRIL 11/12 - 08/08 - 08/10

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HFUS-1 BOU-312200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 090

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 31 MARCH 1978

I.A. SOLAR ACTIVITY HAS BEEN LOW TODAY. A SUB-FAINT OPTICAL FLARE  
WAS OBSERVED IN REGION 1056 AT 31/1525Z. A NEW REGION 1057  
(N21E 77) HAS APPEARED AS AN H-TYPE SPOT GROUP. AN EPL OCCURRED  
AT NE55 AT 31/2045Z. REMAINDER OF DISK AND LIMB IS QUIET.

I.B. SOLAR ACTIVITY IS EXPECTED TO BE LOW THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TODAY AND IS EXPECTED  
TO BE QUIET TO UNSETLED TOMORROW.

III. EVENT PROBABILITIES 01-03 APRIL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 MAR 125

PREDICTED 01-03 MAR 129/134/138

90-DAY MEAN 31 MAR 132

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 MAR 14

ESTIMATED AFR/AP 31 MAR 05/10

PREDICTED AFR/AP 01-03 APR 08/08 - 08/10 - 10/12

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