

HFUS 3 BOU 120530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 071A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 12 MARCH 1978

IA. SOLAR ACTIVITY WAS LOW DURING THE PAST EIGHT HOURS. REGIONS
1031 (S30E50) AND 1032 (S33E63) PRODUCED SEVERAL SUBFLARES AND
CONTINUES TO DISPLAY POINT BRIGHTENING. OTHER DISK REGIONS HAVE
BEEN STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A GENERALLY LOW LEVEL
DURING THE REST OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS QUIET DURING THE PAST EIGHT HOURS
QUIET TO UNSETTLED CONDITIONS ARE EXPECTED FOR THE REST OF THE
ZULU DAY.

III. EVENT PROBABILITIES 12 MARCH - 14 MARCH

CLASS M 40/40/40

CLASS X 05/05/05

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 MARCH 177

PREDICTED 12-14 MARCH 175/172/170

90-DAY MEAN 11 MARCH 126

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 MARCH 14

ESTIMATED AFR/AP 11 MARCH 07/07

PREDICTED AFR/AP 12-14 MARCH 09/12 - 07/10 - 10/10

SOLTERWARN

BT

HFUS 3 BOU 121500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 071-B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 12 MAR 1978

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 8 HOURS. AN
OCCASIONAL SUBFLARE WAS REPORTED BUT OTHERWISE NO SIGNIFICANT ACTIVITY
OR CHANGES WERE REPORTED.

IB. SOLAR ACTIVITY WILL BE AT A LOW LEVEL FOR THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET AND QUIET TO UNSETTLED CONDITIONS
SHOULD PERSIST.

III. EVENT PROBABILITIES 12 - 14 MAR

CLASS M 40/40/40

CLASS X 05/05/05

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 MAR 177

PREDICTED 12 - 14 MAR 175/172/170

90-DAY MEAN 11 MAR 126

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 MAR 14

ESTIMATED AFR/AP 11 MAR 07/08

PREDICTED AFR/AP 12 - 14 MAR 09/12 - 07/10 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 071

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 12 MAR 1978

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS. REGIONS
1029 (N16E11), 1031 (S28E42) AND 1032 (S32E53) HAVE PRODUCED
SPORADIC SUBFLARE ACTIVITY BUT NONE EXCEEDED C-2 X-RAY CRITERIA.
NO SIGNIFICANT STRUCTURAL CHANGES HAVE BEEN REPORTED. A SMALL NEW
REGION, 1033 (S29E26) DEVELOPED DURING THE PREVIOUS 24 HOURS.

IB. SOLAR ACTIVITY WILL BE AT A LOW LEVEL FOR THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET. QUIET TO OCCASIONALLY UNSETTLED
CONDITIONS ARE EXPECTED FOR THE NEXT 24 TO 36 HOURS.

III. EVENT PROBABILITIES 13 - 15 MAR

CLASS M 40/40/40

CLASS X 05/05/05

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 MAR 172

PREDICTED 13 - 15 MAR 168/162/158

90-DAY MEAN 12 MAR 127

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 MAR 06

ESTIMATED AFR/AP 12 MAR 05/05

PREDICTED AFR/AP 13 - 15 MAR 07/05 - 10/10 - 10/10

SOLTERWARN

BT