

HFUS 3 BOU 220530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 081A.

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 22 MARCH 1978

I A. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 1035 (N20W19) PRODUCED
A SF FLARE AT 0205Z MAX. THE REST OF THE DISK/LIMB IS LITTLE CHANGED

I B. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET CONDITIONS ARE
EXPECTED FOR THE REST OF TODAY.

III. EVENT PROBABILITIES 22 MARCH - 24 MARCH

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 MARCH 119

PREDICTED 22-24 MARCH 120/120/122

90-DAY MEAN 21 MARCH 131

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 MARCH 07

ESTIMATED AFR/AP 21 MARCH 08/08

PREDICTED AFR/AP 22-24 MARCH 05/06 - 08/08 - 08/10

SOLTERWARN

BT

HFUS-3 BOU 221500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 081-B
JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 22 MAR 1978

IA. SOLAR ACTIVITY WAS AT A LOW LEVEL DURING THE PAST EIGHT HOURS
SEVERAL SUBFLARES WERE REPORTED BUT NONE EXCEEDED C-5 IN X-RAY
EMISSION. A NEW REGION HAS DEVELOPED NEAR S40W40 AND HAS A B TYPE
SPOT GROUP. THIS REGION, NUMBER 1043, HAS ALSO PRODUCED A SMALL FLARE
CLOUDS AND MAINTENANCE HAVE SEVERELY HAMPERED OBSERVATIONS THUS
LIMITING REGION EVALUATION.

IB. SOLAR ACTIVITY WILL REMAIN LOW BUT INCREASED C AND SUB C CLASS
ACTIVITY CAN BE EXPECTED.

II. THE GEOMAGNETIC FIELD IS QUIET TO UNSETLED AND NO CHANGE IS
EXPECTED.

III. EVENT PROBABILITIES 22 - 24 MAR

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

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PREDICTED 22 - 24 MAR 120/120/122

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V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 MAR 07

ESTIMATED AFR/AP 21 MAR 08/08

PREDICTED AFR/AP 22 - 24 MAR 05/06 - 08/08 - 08/10

SOLTERWARN

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22 MAR

HFUS 1 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 081

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 22 MAR 1978

IA. SOLAR ACTIVITY WAS AT A LOW LEVEL DURING THE PAST 24 HOURS.
REGIONS CONTINUE TO DEVELOP RANDOMLY ON THE DISK. REGIONS 1043
(S41W46), 1044 (S32E09) AND 1045 (N19W50) HAVE FORMED SINCE
YESTERDAY. EXCEPT FOR THESE NEWLY DEVELOPING REGIONS, NO GROWTH
OR STRUCTURAL CHANGES ARE OCCURRING. AN OCCASIONAL SUBFLARE IS
REPORTED FROM VARIOUS SOURCES AS NO REGION APPEARS CAPABLE OF SUS-
TAINED ENERGETIC ACTIVITY. A SMALL APR AT SE25 WAS NOTED
EARLIER TODAY, OTHERWISE THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY WILL REMAIN AT A LOW LEVEL.

II. THE GEOMAGNETIC FIELD IS QUIET TO OCCASIONALLY UNSETLED.
THESE CONDITIONS WILL PERSIST UNTIL 25 MARCH WHEN UNSETLED TO
ACTIVE CONDITIONS SHOULD COMMENCE.

III. EVENT PROBABILITIES 23 - 25 MARCH

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 MAR 118

PREDICTED 23 - 25 MAR 119/121/123

90-DAY MEAN 22 MAR 131

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 MAR 07

ESTIMATED AFR/AP 22 MAR 07/07

PREDICTED AFR/AP 23 - 25 MAR 08/08 - 08/08 - 18/18

SOLTERWARN

BT