

HFUS 3 BOU 200530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 079A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 20 MARCH 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 8 HOURS. ALL DISK REGIONS
APPEAR QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH ONLY A SLIGHT
CHANCE OF ACTIVITY GREATER THAN C-CLASS.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETLED THE PAST 8
HOURS. THESE CONDITIONS ARE EXPECTED TO PREVAIL THROUGH THE FORE-
CAST PERIOD.

III. EVENT PROBABILITIES 20 MARCH - 22 MARCH

CLASS M 20/15/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 MARCH 131

PREDICTED 20-22 MARCH 129/127/125

90-DAY MEAN 19 MARCH 130

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 MARCH 17

ESTIMATED AFR/AP 19 MARCH 12/20

PREDICTED AFR/AP 20-22 MARCH 08/12 - 08/08 - 05/08

SOLTERWAPN

BT

HFUS 3 BOU 201500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 079B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 20 MARCH 1978

IA. SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 8 HOURS.
A C-2 X-RAY BURST AT 20/0654Z AND A C-1 X-RAY BURST AT 20/0945Z WERE
THE ONLY TWO EVENTS NOTED. THE 0654Z EVENT WAS ASSOCIATED WITH A ONE
NORMAL FLARE WHILE THE 0945Z EVENT HAD NO OPTICAL CORRELATION.
THE ONE NORMAL FLARE WAS AT N26E59.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR THE
NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET TO UNSETTLED AND NO SIGNIFICANT
CHANGES
ARE EXPECTED.

III. EVENT PROBABILITIES 20 MARCH - 22 MARCH

CLASS M 20/15/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 MARCH 131

PREDICTED 20-22 MARCH 129/127/125

90-DAY MEAN 19 MARCH 130

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 MARCH 17

ESTIMATED AFR/AP 19 MARCH 12/20

PREDICTED AFR/AP 20-22 MARCH 08/12 - 08/08 - 05/08

SOLTERWARN

BT

HFUS 1 BOU 200200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 079

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 20 MARCH 1978

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL FOR THE PAST 24 HOURS. ALL REGIONS ARE APPARENTLY DECAYING VERY SLOWLY. AN "H" TYPE SPOT ROTATED OVER THE SOUTHEAST LIMB AND IS THE RETURN OF OLD REGION 1014. THIS REGION IS NUMBERED 1039 (S22E74). REGION 1038 (S33E35) NO LONGER HAS SPOTS. A SMALL "A" TYPE SPOT APPARENTLY SHOWS UP INTERMITTENTLY IN A CALCIUM PLAGE NEAR N26E54. NO H-ALPHA STRUCTURE IS VISIBLE AT THIS LOCATION. MANILA REPORTED A 1 IN FLARE FROM THIS AREA AT 20/0654 U.T.

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

II. THE GEOMAGNETIC FIELD IS QUIET WITH PERIODS OF UNSETLED CONDITIONS. NO SIGNIFICANT CHANGE IS EXPECTED DURING THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 21-23 MAR

CLASS M 15/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 MAR 126

PREDICTED 21-23 MAR 126/128/128

90-DAY MEAN 20 MAR 131

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 MAR 14

ESTIMATED AFR/AP 20 MAR 05/08

PREDICTED AFR/AP 21-23 MAR 08/08 - 05/08 - 08/08

SOLTERWARM

BT