

HFUS 3 BOU 230530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 054A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 23 FEBRUARY 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
THE DISK REGIONS ALL APPEAR QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED AND IT IS
EXPECTED THE FIELD WILL CONTINUE TO BE UNSETTLED DURING THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 23 FEBRUARY - 25 FEBRUARY

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 FEBRUARY 131

PREDICTED 23-25 FEBRUARY 134/138/142

90-DAY MEAN 22 FEBRUARY 116

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 FEBRUARY 08

ESTIMATED AFR/AP 22 FEBRUARY 13/20

PREDICTED AFR/AP 23-25 FEBRUARY 12/14 - 14/15 - 20/25

SOLTERWARN

BT

HFUS 3 BOU 231500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 054-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 23 FEB 1978

IA. SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 8 HOURS. THERE HAVE BEEN SEVERAL C-CLASS X-RAY EVENTS BUT NO ASSOCIATED OPTICAL EVENTS REPORTED. METRE WAVE TYPE I AND TYPE III STORMS ARE REPORTED FROM SOURCES IN THE NE QUADRANT. THE REST OF THE DISK/LIMB HAS BEEN QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET TO SLIGHTLY UNSETTLED CONDITIONS ARE EXPECTED FOR THE REMAINDER OF TODAY.

III. EVENT PROBABILITIES 23 - 25 FEB

CLASS M 20/20/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 FEB 131

PREDICTED 23 - 25 FEB 136/142/144

90-DAY MEAN 22 FEB 116

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 FEB 08

ESTIMATED AFR/AP 22 FEB 13/20

PREDICTED AFR/AP 23 - 25 FEB 08/14 - 14/15 - 20/25

SOLTERWARN

BT

HFUS 1 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 054

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 23 FEB 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1011 (N22E07) HAS GROWN
AND NOW CONTAINS 36 SPOTS. IT HAD A SF FLARE AT 1748 (MAX). NE OF
REGION 1008 (N20W28) IS AN ARCH FILAMENT SYSTEM. THERE IS AN ACTIVE
PROMINENCE ON THE NE LIMB, AND AT SE55 THERE WAS AN ERUPTIVE PRO-
MINENCE. REGION 1017 (S25E69) HAD A SF FLARE AT 1855 (MAX) THE REST
OF THE DISK/LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. CONDITIONS ARE EXPECTED
TO BE UNSETTLED INCREASING TO ACTIVE FOR THE NEXT 3 DAYS.

III. EVENT PROBABILITIES 24 - 26 FEB

CLASS M 20/20/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 FEB 135

PREDICTED 24 - 26 FEB 142/144/146

90-DAY MEAN 23 FEB 116

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 FEB 14

ESTIMATED AFR/AP 23 FEB 04/08

PREDICTED AFR/AP 24 - 26 FEB 11/12 - 15/16 - 20/25

SOLTERWARN

BT