

HFUS 1 BOU 140530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 045A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 14 FEBRUARY 1977

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL THE PAST 12 HOURS.
REGION 788 (S20E80) HAS ROTATED ONTO THE DISK AND CONTAINS AT
LEAST ONE H-TYPE SPOT. NO ACTIVITY HAS BEEN REPORTED FROM THIS
LOCATION SINCE THE 1714Z EVENT. REGION 782 (S41W25) CONTINUES
TO PRODUCE MINOR BRIGHTNESS CHANGES. A NEW PLAGE WAS REPORTED
NEAR N27W85.

IB. THE LOW LEVEL OF SOLAR ACTIVITY SHOULD CONTINUE THRU THE
FORECAST PERIOD. OCCASIONAL C-TYPE FLARES ARE EXPECTED FROM
REGIONS 782 AND 788 WITH AN INFREQUENT M EVENT POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 12 HOURS.
GENERALLY QUIET WITH SOME UNSETTLED PERIODS ARE EXPECTED THRU
THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 14 FEBRUARY - 16 FEBRUARY

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 FEBRUARY 91

PREDICTED 14-16 FEBRUARY 93/94/96

90-DAY MEAN 13 FEBRUARY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 FEBRUARY 08

ESTIMATED AFR/AP 13 FEBRUARY 10/08

PREDICTED AFR/AP 14-16 FEBRUARY 12/15 - 10/12 - 07/08

SOLTERWARN

BT

HFUS 1 BOU 141500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 045-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 14 FEBRUARY 1977

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL THE PAST 18 HOURS.
REGION 778 (S20E73) CONTAINS AT LEAST ONE H-TYPE SPOT AND SLIGHT
GROWTH HAS BEEN REPORTED. REGION 782 (S41W29) CONTINUES TO PRODUCE
MINOR BRIGHTNESS CHANGES. A NEW PLAGE WAS REPORTED NEAR N27W81.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW. OCCASIONAL C-TYPE FLARES ARE
EXPECTED FROM REGIONS 782 AND 788 WITH AN INFREQUENT M EVENT
POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED THE PAST 18
HOURS. GENERALLY QUIET WITH SOME UNSETTLED PERIODS ARE EXPECTED
THRU THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 14 - 16 FEBRUARY

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 FEB 91

PREDICTED 14-16 FEB 93/94/96

90-DAY MEAN 13 FEB 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 FEB 08

ESTIMATED AFR/AP 13 FEB 10/08

PREDICTED AFR/AP 14-16 FEB 12/15 - 10/12 - 07/08

SOLTERWARN

BT

HFUS 1 BOU 142200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 045

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 FEBRUARY 1977

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL THE PAST 24 HOURS.
REGION 788 (S19E69) CONTAINS ONE H-TYPE SPOT AND SLIGHT GROWTH HAS
BEEN REPORTED. REGION 782 (S40W34) CONTINUES TO PRODUCE MINOR
BRIGHTNESS CHANGES.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW. OCCASIONAL C-TYPE FLARES
ARE EXPECTED FROM REGIONS 782 AND 788.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED. THE FIELD
IS EXPECTED TO REMAIN QUIET TO SLIGHTLY UNSETTLED THRU THE NEXT
THREE DAYS.

III. EVENT PROBABILITIES 15 - 17 FEBRUARY

CLASS M 15/15/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 FEB 87

PREDICTED 15-17 FEB 86/86/85

90-DAY MEAN 14 FEB 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 FEB 10

ESTIMATED AFR/AP 14 FEB 9/7

PREDICTED AFR/AP 15-17 FEB 8/7 - 7/7 - 7/7

SOLTERWARN

BT