

HFUS 1 BOU 200600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 051A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 20 FEBRUARY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGIONS 782 (S43) AND 787
(N21) HAVE PRODUCED MINOR SURGING AS THEY TRANSIT WEST LIMB.

REGION 788 (S18 E06) HAS BEEN STABLE; HOWEVER, ITS NEUTRAL LINE
FILAMENT HAS BEEN ACTIVE. DISRUPTION OF THIS FILAMENT COULD
CAUSE AN ENERGETIC EVENT.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. THE FIELD IS EXPECTED
TO BE QUIET TO UNSETTLED.

III. EVENT PROBABILITIES 20 - 22 FEB

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 FEB 85

PREDICTED 20 - 22 FEB 85/85/85

90-DAY MEAN 19 FEB 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 FEB 14

ESTIMATED AFR/AP 19 FEB 06/05

PREDICTED AFR/AP 20 - 22 FEB 11/15 - 09/10 - 05/08

SOLTERWARN

BT

HFUS 1 BOU 201500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 051B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 20 FEBRUARY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 788 (S18W04) HAS
DECAYED FROM A "C" TYPE TO A SINGLE "H" TYPE SPOT. REGIONS 782
AND 787 DEPARTED THE WEST LIMB WITH SMALL SPIKE SURGES.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW.

II. GEOMAGNETIC ACTIVITY HAS BEEN QUIET AND WILL REMAIN QUIET TO
POSSIBLY UNSETTLED.

III. EVENT PROBABILITIES 20-22 FEB

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 FEB 85

PREDICTED 20-22 FEB 85/85/85

90-DAY MEAN 19 FEB 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 FEB 14

ESTIMATED AFR/AP 19 FEB 06/05

PREDICTED AFR/AP 20-22 FEB 08/08 - 08/10 - 05/08

SOLIERWARN

BT

HFUS 11 BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 051

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 20 FEBRUARY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. REGION
788 (S18W08) IS STABLE OR SLIGHTLY DECAYING AND HAS BEEN QUIET.

REGIONS 782 (S43) AND 787 (N21) HAVE DEPARTED THE WEST LIMB WITH
ACCOMPANING SPIKE SURGES.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW THE NEXT 24 HOURS.

II. GEOMAGNETIC ACTIVITY HAS BEEN QUIET TO SLIGHTLY UNSETTLED AND
IS EXPECTED TO REMAIN SO THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 21-23 FEB

CLASS M 10/08/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 FEB 90

PREDICTED 21-23 FEB 84/84/84

90-DAY MEAN 20 FEB 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 FEB 07

ESTIMATED AFR/AP 20 FEB 08/04

PREDICTED AFR/AP 21-23 FEB 08/07 - 07/07 - 07/07

SOLTERWARN

BT