

HFUS 1 BOU 050600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 036A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 05 FEB 1977

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. THE VISIBLE DISK
HAS NOT CHANGED SIGNIFICANTLY ALTHOUGH A SMALL PLAGE IS ROTATING
ONTO THE DISK AT SE42.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL FOR THE NEXT THREE
DAYS.

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

III. EVENT PROBABILITIES 05-07 FEBRUARY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 FEB 81

PREDICTED 05-07 FEB 80/80/80

90-DAY MEAN 04 FEB 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 FEB 11

ESTIMATED AFR/AP 04 FEB 07/04

PREDICTED AFR/AP 05-07 FEB 07/05 - 07/05 - 07/05

SOLTERWARN

BT

HFUS 1 BOU 051500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 036-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 05 FEB 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 16 HOURS. REGION
779 (N25W10) HAS SHOWN SOME DECAY IN BOTH H-ALPHA AND WHITE LIGHT
DURING THE 16 HOURS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS VARIED FROM QUIET TO ACTIVE DURING THE
PAST 16 HOURS. QUIET TO UNSETTLED CONDITIONS ARE EXPECTED FOR THE
REMAINDER OF THE PERIOD.

III. EVENT PROBABILITIES 05 FEB - 07 FEB

CLASS X 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 FEB 81

PREDICTED 05 - 07 FEB 80/80/80

90-DAY MEAN 04 FEB 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 FEB 11

ESTIMATED AFR/AP 04 FEB 07/04

PREDICTED AFR/AP 05 - 07 FEB 07/05 - 07/05 - 07/05

SOLTERWARN

BT

HFUS 1 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 036

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 5 FEB 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 24 HOURS. A C-1
X-RAY BURST WAS DETECTED AT 051435Z WITH AN END TIME OF 051508Z.
REGION 779 (N27W13) DECAYED CONSIDERABLY IN BOTH WHITE LIGHT AND
H-ALPHA DURING THE PAST 24 HOURS AND IS NOW A B TYPE SPOT GROUP.
REGION 782 (S38E77) IS NEW A TYPE SPOT GROUP, AND REGION 781
(S25E42) HAS ONE FAINT A TYPE SPOT. A POSSIBLE SPRAY OR ERUPTIVE
PROMINENCE ON THE LIMB WAS OBSERVED AT 051507Z NEAR NE20.

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

II. THE GEOMAGNETIC FIELD RANGED FROM QUIET TO OCCASIONALLY ACTIVE
DURING THE PAST 24 HOURS. GEOMAGNETIC CONDITIONS SHOULD BE QUIET
TO UNSETTLED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 06 - 08 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 FEB 80

PREDICTED 06 - 08 FEB 79/79/79

90-DAY MEAN 05 FEB 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 FEB 03

ESTIMATED AFR/AP 05 FEB 08/07

PREDICTED AFR/AP 06 - 08 FEB 07/07 - 07/07 - 07/07

SOLTERWARN

BT