

HFUS 1 BOU 170530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 048A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 17 FEBRUARY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 12 HOURS. TWO
MINOR FLARES OCCURRED IN THE PAST TWO HOURS IN THE FOLLOWING PORTION
OF REGION 782 (S41W61) WHICH CONTINUES TO DECLINE IN SUNSPOT AND
PLAGE CHARACTERISTICS. THE FOUR OTHER SPOTTED ACTIVE REGIONS CONTINUE
SMALL AND QUIESCENT.

IB. SPOT COUNTS AND RADIO FLUX SHOULD DECREASE DURING THIS FORECAST
PERIOD AS THE REGIONS NOW PRESENT REACH WEST LIMB AND CONTINUE TO
DECAY. REGIONS EXPECTED TO RETURN DURING THIS PERIOD ARE NOT
EXPECTED TO ADD TO THE ACTIVITY LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET FOR THE PAST 12 HOURS.
QUIET CONDITIONS ARE EXPECTED TO PREVAIL THROUGH THIS FORECAST
PERIOD.

III. EVENT PROBABILITIES 17 FEBRUARY - 19 FEBRUARY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 FEBRUARY 88

PREDICTED 17-19 FEBRUARY 87/86/85

90-DAY MEAN 16 FEBRUARY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 FEBRUARY 06

ESTIMATED AFR/AP 16 FEBRUARY 07/05

PREDICTED AFR/AP 17-19 FEBRUARY 07/07 - 07/07 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 171500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 048-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 17 FEB 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 16 HOURS. A C-7
X-RAY BURSTS WHICH BEGAN AT 17/0606Z AND MAXED AT 17/0612Z WAS
DETECTED ON THE SMS-2 SATELLITE. REGION 782 (S42W65) CONTINUED
ITS SPOT DECAY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL
THROUGH THE REST OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 16
HOURS. GENERALLY QUIET CONDITIONS ARE EXPECTED FOR THE REST
OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 17 - 19 FEB

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 FEB 88

PREDICTED 17 - 19 FEB 87/86/85

90-DAY MEAN 16 FEB 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 FEB 06

ESTIMATED AFR/AP 16 FEB 07/05

PREDICTED AFR/AP 17 - 19 FEB 07/07 - 07/07 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 048

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 17 FEB 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.
THE RAMEY OBSERVATORY REPORTED A SUBNORMAL FLARE FROM REGION 782
(S41W68) WHICH BEGAN AT 17/1547Z AND ENDED AT 17/1600Z. THE FLARE
WAS ACCOMPANIED BY AN M1 X-RAY EVENT. REGION 782, AN E-TYPE
SPOT GROUP, APPEARS TO HAVE DECLINED SLIGHTLY, BUT SEVERAL NEW
SPOTS HAVE DEVELOPED IN THE TRAILER PORTION. OTHER DISK REGIONS
ARE GENERALLY STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.
HOWEVER, REGION 782 HAS THE POTENTIAL TO CONTINUE PRODUCING C-
CLASS X-RAY BURSTS AND ISOLATED M-CLASS X-RAY BURSTS.

II. THE GEOMAGNETIC FIELD WAS QUIET TO SLIGHTLY UNSETTLED DURING
THE PAST 24 HOURS. SIMILAR CONDITIONS ARE EXPECTED DURING THE NEXT
24 HOURS.

III. EVENT PROBABILITIES 18 - 20 FEB

CLASS M 15/15/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 FEB 093

PREDICTED 18 - 20 FEB 90/90/90

90-DAY MEAN 17 FEB 078

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 FEB 05

ESTIMATED AFR/AP 17 FEB 07/05

PREDICTED AFR/AP 18 - 20 FEB 07/07 - 07/07 - 07/07

SOLTERWARN

BT