

HFUS 1 BOU 180600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 049A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 18 FEBRUARY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THIS ZULU DAY. REGIONS 782
(S40W75) AND 787 (N22W63) SHOW OCCASIONAL PLAGE BRIGHTENINGS.

THE OTHER REGIONS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. A FEW CLASS C
X-RAY EVENTS ARE PROBABLE DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE THIS ZULU DAY. THESE
CONDITIONS ARE EXPECTED TO LAST THE NEXT 6-12 HOURS WITH THE FIELD
THEN BECOMING UNSETTLED.

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 08/07

PREDICTED AFR/AP 18-20 FEB 12/10 - 07/07 - 07/07

SOLTERWARN

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HFUS 1 BOU 181500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 049-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 18 FEB 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 16 HOURS.
THE DISK ACTIVE REGIONS HAVE BEEN GENERALLY STABLE AND HAVE PRO-
DUCED NO SIGNIFICANT ENERGETIC EVENTS.

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

II. THE GEOMAGNETIC FIELD WAS ACTIVE FOR THE FIRST SIX HOURS OF
THE ZULU DAY BUT HAS SINCE BEEN GENERALLY QUIET. QUIET TO UNSETTLED
CONDITIONS ARE EXPECTED FOR THE REST OF THE FORECAST PERIOD.

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 93

PREDICTED 18 - 20 FEB 90/90/90

90-DAY MEAN 17 FEB 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 FEB 05

ESTIMATED AFR/AP 17 FEB 08/07

PREDICTED AFR/AP 18 - 20 FEB 12/10 - 07/07 - 07/07

SOLTERWARN

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HFUS 1 30U 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 049

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 18 FEBRUARY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.
REGION 782 (S42W83) IS NEARING WEST LIMB TRANSIT AS AN F-TYPE SPOT
GROUP WITH ONLY SMALL POINT BRIGHTENINGS. REGION 788 (S19E17) HAS
GROWN TO A C-TYPE SPOT GROUP. REGION 787 (N22W69) HAS SHOWN
OCCASSIONAL INTENSITY FLUCTUATIONS NEAR ITS ACTIVE DARK FILAMENT.
A C-1 X-RAY BURST BEGAN AT 182051Z AND ENDED AT 182111Z.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.
HOWEVER, SPORADIC ENERGETIC ACTIVITY IS PROBABLE DURING THE NEXT
24 HOURS.

II. A STRONG MAGNETIC BAY OCCURRED BETWEEN 0000Z AND 0600Z.
OTHERWISE, THE GEOMAGNETIC FIELD WAS QUIET TO OCCASIONALLY UN-
SETTLED DURING THE PAST 24 HOURS. THE FIELD IS EXPECTED TO BE
GENERALLY UNSETTLED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 19 - 21 FEB

CLASS M 15/15/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 FEB 89

PREDICTED 19-21 FEB 89/88/88

90-DAY MEAN 18 FEB 78

V. GEOMAGNETIC A INDICES

OBSERVED FRÉDERICKSBURG 17 FEB 09

ESTIMATED AFR/AP 18 FEB 12/14

PREDICTED AFR/AP 19-21 FEB 09/10 - 07/07 - 05/05

SOLTERWARN

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