

HFUS 3 BOU 030600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 337A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 02 DEC 1977

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 947 (S 19E 35),
THE ONLY SPOTTED REGION ON THE DISK, IS A GRADUALLY DECAYING "D"
TYPE. THE REMAINDER OF THE DISK IS QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT THIS LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR STORM LEVELS BUT HAS BEEN
QUIET SINCE 03/0000Z.

III. EVENT PROBABILITIES 03-05 DEC

CLASS M 15/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 DEC 094

PREDICTED 03-05 DEC 095/097/098

90-DAY MEAN 02 DEC 093

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 DEC 05

ESTIMATED AFR/AP 02 DEC 37/50

PREDICTED AFR/AP 03-05 DEC 20/25 - 14/20 - 10/15

SOLTERWARN

BT

HFUS 3 BOU 03 15 00

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 337-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 03 DEC 1977

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 947 (S 19E33)
IS LITTLE CHANGED AND REMAINS QUIET.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL FOR THE NEXT 24
HOURS.

II. THE GEOMAGNETIC FIELD HAS RETURNED TO A QUIET STATE. QUIET TO
UNSETLED CONDITIONS SHOULD PERSIST THE REMAINDER OF THIS ZULU DAY.

III. EVENT PROBABILITIES 03 - 05 DEC

CLASS M 15/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 DEC 094

PREDICTED 03 - 05 DEC 095/097/098

90-DAY MEAN 02 DEC 093

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 DEC 05

ESTIMATED AFR/AP 02 DEC 37/50

PREDICTED AFR/AP 03 - 05 DEC 10/15 - 08/10 - 08/08

SOLTERWARN

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HFUS 1 BOU 032200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 337
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 03 DEC 1977

IA. SOLAR ACTIVITY IS VERY LOW. REGION 947 (S20E27) APPEARS TO BE REGENERATING AS SATELLITE SPOTS ARE EMERGING IN TRAILING PORTIONS OF LEADER SPOT. REGION 946 (N18W22) HAS REDEVELOPED ITS SMALL SPOT GROUP WHILE A NEW REGION, 948 (N17W59), IS NOW VISIBLE. THE REMAINDER OF THE DISK AND LIMBS ARE UNCHANGED.

IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED SINCE 022100 U.T. NO CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 04 - 06 DEC

CLASS M 15/15/10
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 DEC 097
PREDICTED 04 - 05 DEC 099/100/101
90-DAY MEAN 03 DEC 098

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 DEC 46
ESTIMATED AFR/AP 03 DEC 10/10
PREDICTED AFR/AP 04 - 06 DEC 08/08 - 08/08 - 05/05
SOLTERWARN

BT