

HFUS 3 BOU 020600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 336A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 02 DECEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST EIGHT HOURS. REGION 94
(S19E51) WHICH HAD BEEN ACTIVE PRIOR TO OUR 01/2200Z REPORT HAS BEEN
NEARLY VOID OF ANY SIGNIFICANT EVENTS THIS PERIOD. PALEHUA REPORTS
THAT THE DELTA IN 947 IS NOT EVIDENT IN H-ALPHA BUT THAT SPOT
ROTATION IS PRESENT.

IB. SOLAR ACTIVITY SHOULD BE LOW. THE QUIET TREND OF 947 SHOULD NOT
BE LONG LASTING AND ENERGETIC ACTIVITY IS STILL PROBABLE.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE NEAR 22/0000Z AND HAS BEEN
AT OR NEAR MINOR STORM LEVELS SINCE. THE GEOMAGNETIC FIELD IS EXPECTED
TO RETURN TO UNSETTLED OR QUIET LEVELS DURING THE NEXT 8-12 HOURS.

III. EVENT PROBABILITIES 02 DEC - 04 DEC

CLASS M 20/20/20

CLASS X 05/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 DEC 91

PREDICTED 02-04 DEC 95/97/99

90-DAY MEAN 01 DEC 97

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 NOV 08

ESTIMATED AFR/AP 01 DEC 04/05

PREDICTED AFR/AP 02-04 DEC 12/08 - 10/10 - 10/10

SOLTERWARN

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HFUS 3 BOU 021500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 336-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 02 DEC 1977
IA. SOLAR ACTIVITY REMAINED AT A VERY LOW LEVEL DURING THE PAST
8 HOURS. REGION 947 (S19E50) CONTINUES TO PRODUCE SUB "C" CLASS
X-RAYS WHILE THE SPOT GROUP APPEARS TO BE FRAGMENTING IN ITS TRAILER
PORTIONS. THE REST OF THE DISK AND LIMBS ARE STABLE.
IB. SOLAR ACTIVITY WILL BE AT A LOW LEVEL FOR THE NEXT 24 HOURS.
HOWEVER 947 WILL CONTINUE TO POSE A THREAT FOR LARGE "C" CLASS AND
POSSIBLY SMALL "M" CLASS FLARES.
II. THE GEOMAGNETIC FIELD IS ACTIVE. UNSETTLED TO ACTIVE CONDITIONS
ARE EXPECTED FOR THE NEXT 24 TO 36 HOURS.
III. EVENT PROBABILITIES 02 - 04 DEC
CLASS M 20/20/20
CLASS X 05/05/05
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 01 DEC 91
PREDICTED 02 - 04 DEC 95/97/99
90-DAY MEAN 01 DEC 97
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 30 NOV 08
ESTIMATED AFR/AP 01 DEC 04/05
PREDICTED AFR/AP 02 - 04 DEC 20/27 - 14/14 - 08/10
SOLTERWARN
BT

HFUS 1 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 336

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 02 DEC 1977

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 946 (N18W10)
NO LONGER HAS SPOTS AND REGION 947 (S19E40) APPEARS TO BE SLOWLY
DECAYING. THE FREQUENT SUB "C" CLASS ACTIVITY OF EARLIER TODAY HAS
BECOME LESS FREQUENT. THE REST OF THE DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY SHOULD CONTINUE LOW FOR THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS EXPERIENCING MINOR STORM CONDITIONS.
ACTIVE TO MINOR STORM CONDITIONS SHOULD PERSIST FOR ANOTHER 24
HOURS.

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 098

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

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