

HFUS 3 BOU 110600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 315A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED @600Z 11 NOV 1977

I. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. REGION 933 (S23E24) PRODUCED THREE MINOR OPTICAL FLARES WITH NO ASSOCIATED X-RAYS. REGION 933 AND 931 (N22E32) REMAIN STABLE. AN ENHANCED PROMINENCE WAS REPORTED AT SW20 DURING 10/2044-2200Z.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THE NEXT 8 HOURS. A POSSIBLE NEW REGION BEHIND THE LIMB AT NE35 MAY EXIST.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED THIS PERIOD. THE FIELD IS EXPECTED TO BECOME ACTIVE THE NEXT 48 HOURS DUE TO PASSAGE OF THE SOLAR SECTOR BOUNDARY.

III. EVENT PROBABILITIES 11-13 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 NOV 95

PREDICTED 11-13 NOV 96/96/96

90-DAY MEAN 10 NOV 95

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 NOV 04

ESTIMATED AFR/AP 10 NOV 08/08

PREDICTED AFR/AP 11-13 NOV 15/15 - 15/15 - 12/15

SOLTERWARN

BT

HFUS 3 BOU 111500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 315-B

JOINT AFGW/CSESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 11 NOV 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 933 (S23E15) CONTINUES
A SLOW GROWTH PATTERN. REGION 934 IS CROSSING EAST LIMB NEAR N37.
BRIGHT SURGES AND ACTIVE PROMINENCES IN THE VICINITY ARE ACCOMPAN-
ING ITS TRANSIT.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THIS ZULU DAY. GENERALLY
UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT 24 - 36 HOURS.

III. EVENT PROBABILITIES 11-13 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 NOV 95

PREDICTED 11-13 NOV 96/96/96

90-DAY MEAN 10 NOV 95

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 NOV 04

ESTIMATED AFR/AP 10 NOV 08/08

PREDICTED AFR/AP 11-13 NOV 15/15 - 15/15 - 12/15

SOLTERWARN

BT

HFUS 1 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 315

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 NOV 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THERE HAVE BEEN SEVERAL
X-RAY BURSTS BUT NONE ATTAINED CLASS C LEVEL. REGION 833
(S23E13) HAS GROWN SLIGHTLY BUT REMAINS SIMPLE IN STRUCTURE. ONLY
A H-TYPE SPOT HAS BEEN OBSERVED SO FAR WITH REGION 934 (N37E70)
AND THE PLAGUE STRUCTURE IS SMALL.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. THE FIELD IS EXPECTED
TO BE GENERALLY UNSETTLED THE NEXT TWO DAYS. A MINOR MAGSTORM IS
EXPECTED ON 14 NOVEMBER. A VERY LARGE FILAMENT DISRUPTED ON
06 NOVEMBER AND THE GEOMETRY IS FAVORABLE FOR A MAGNETIC RESPONSE
ON 14 NOVEMBER.

III. EVENT PROBABILITIES 12 - 14 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 NOV 97

PREDICTED 12 - 14 NOV 97/98/98

90-DAY MEAN 11 NOV 95

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 NOV 11

ESTIMATED AFR/AP 11 NOV 05/05

PREDICTED AFR/AP 12 - 14 NOV 10/10 - 14/10 - 33/30

SOLTERWARN

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