

HFUS 3 BOU 300530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 334A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 30 NOVEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
REGION 946 (N18E29) IS A B-TYPE SPOT GROUP. REGION 947 (S19E82) IS
A D-TYPE SPOT GROUP. BOTH REGIONS HAVE SHOWN SOME GROWTH AND
DEVELOPMENT. A CLASS C-1 X-RAY BURST WAS OBSERVED AT ABOUT 30/0330Z.

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

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN
QUIET DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 30 NOVEMBER - 02 DECEMBER

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 NOVEMBER 88

PREDICTED 30 NOVEMBER - 02 DECEMBER 89/90/92

90-DAY MEAN 29 NOVEMBER 97

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 NOVEMBER 05

ESTIMATED AFR/AP 29 NOVEMBER 05/05

PREDICTED AFR/AP 30 NOVEMBER - 02 DECEMBER 05/07 - 07/08 - 07/08

SOLTERWARN

BT

HFUS 3 BOU 301500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 334-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 30 NOV 1977

IA. CLASS C1 FLARES AT 0330Z AND 0847Z ARE THE ONLY EVENTS DURING
THE PAST 12 HOURS. MINOR GROWTH MAY BE OCCURRING IN REGIONS
946 (N18E25) AND 947 (S19E76). THE LATTER IS REPORTED AS A CLASS
C SPOT GROUP. BUT OF SMALL SIZE.

IB. SOLAR ACTIVITY WILL CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED
FOR THE PAST 12 HOURS. QUIET CONDITIONS ARE EXPECTED TO DOMINATE
THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 30 NOVEMBER - 02 DECEMBER

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 NOVEMBER 88

PREDICTED 30 NOVEMBER - 02 DECEMBER 89/90/92

90-DAY MEAN 29 NOVEMBER 97

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 NOVEMBER 05

ESTIMATED AFR/AP 29 NOVEMBER 05/05

PREDICTED AFR/AP 30 NOVEMBER - 02 DECEMBER 05/07 - 07/08 - 07/08

SOLTERWARN

BT

HFUS 1 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 334

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 30 NOV 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY TWO CLASS C-1
EVENTS DURING THE PAST 24 HOURS, BOTH FROM REGION 947 (S22E71).
THIS REGION HAS THE APPEARANCE OF A CLASS E SPOT GROUP WITH LARGE
LEADER AND FOLLOWER SPOTS BUT MAY BE A BLEND OF TWO BIPOLAR REGIONS.
REGION 946 (N19E20) IS NOW SPOTLESS.

IB. SOLAR INDICES ARE EXPECTED TO RISE SLIGHTLY AS REGION 947
ROTATES FURTHER INTO VIEW. ADDITIONAL SMALL ACTIVE REGIONS ARE
EXPECTED TO EMERGE DURING THE NEXT THREE DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS,
GENERALLY QUIET CONDITIONS ARE EXPECTED TO PREVAIL FOR THE NEXT
THREE DAYS. UNSETTLED TO SLIGHTLY ACTIVE CONDITIONS ARE EXPECTED
DURING NIGHTTIME HOURS THE THIRD DAY.

III. EVENT PROBABILITIES 01 - 03 DEC

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 NOV 88

PREDICTED 01 - 03 DEC 90/92/94

90-DAY MEAN 30 NOV 97

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 NOV 06

ESTIMATED AFR/AP 30 NOV 07/11

PREDICTED AFR/AP 01 - 03 DEC 08/08 - 08/08 - 10/10

SOLTERWARN

BT