

HFUS 3 BOU 120600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 116A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 12 NOV 1977

IA. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL. NO SIGNIFICANT
CHANGES IN THE VISIBLE REGIONS HAVE BEEN REPORTED.

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

II. THE GEOMAGNETIC FIELD BECAME DISTURBED NEAR 12/0320Z. GENERALLY
UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT 24 HOURS
WITH PERIODS OF MINOR STORM CONDITIONS INTERSPERSED.

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 15/15 - 15/15 - 25/25

SOLTERWARN

BT

HFHS 3 BOU 121500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 316-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 12 NOV 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THE THREE SPOTTED REGIONS
ARE SIMPLE AND STABLE IN STRUCTURE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE AFTER 03Z. MODERATELY
UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED TO CONTINUE, WITH
MINOR STORM CONDITIONS EXPECTED 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 - 14/14 - 33/30

SOLTERWARN

BT

HFUS 1 BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 316

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 12 NOV 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. SPOT REGENERATION IN
REGION 931 (N24E10) HAS MADE THE REGION BIPOLAR BUT THE DEVELOPMENT
IS SLOW. REGION 933 (S22E01) IS DECAYING AND REGION 934 (N38E63)
IS STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. THE
FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE, WITH MINOR STORM
CONDITIONS EXPECTED ON 14 NOVEMBER.

III. EVENT PROBABILITIES 13 - 15 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 NOV 93

PREDICTED 13 - 15 NOV 95/95/95

90-DAY MEAN 12 NOV 95

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 NOV 05

ESTIMATED AFR/AP 12 NOV 12/12

PREDICTED AFR/AP 13 - 15 NOV 14/15 - 33/30 - 18/25

SOLIERWARN

BT