

HFUS 3 BOU 130530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 317A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 13 NOVEMBER 1977

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. REGION 934 (N38E60)
IS NOW REPORTED AS D TYPE, AND EXCEPT FOR SMALL BRIGHTNESS
FLUCTUATIONS HAS BEEN QUIET. THE REMAINING REGIONS AND LIMBS ARE
UNCHANGED.

IB. NO INCREASE IN SOLAR ACTIVITY IS EXPECTED THRU THE FORECAST
PERIOD. ACTIVITY IN REGION 934 MAY RESULT IN C CLASS X-RAY EVENTS.

II. THE GEOMAGNETIC FIELD HAS BEEN AT ACTIVE LEVELS THE PAST 6
HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED TO INCREASE TO
GENERALLY ACTIVE LEVELS ON THE 14TH.

III. EVENT PROBABILITIES 13 NOVEMBER - 15 NOVEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 NOVEMBER 93

PREDICTED 13-15 NOVEMBER 95/95/95

90-DAY MEAN 12 NOVEMBER 95

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 NOVEMBER 05

ESTIMATED AFR/AP 12 NOVEMBER 14/12

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

SOLTERWARN

BT

HFUS 3 BOU 131500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 317-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 13 NOVEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK AND LIMBS ARE REPORTED
QUIET.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD WAS AT MAJOR STORM LEVELS 13/09-12Z.
THE FIELD IS EXPECTED TO BE GENERALLY ACTIVE WITH PERIODS OF MINOR
STORM CONDITIONS.

III. EVENT PROBABILITIES 13 - 15 NOVEMBER

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 14/14

PREDICTED AFR/AP 13-15 NOV 20/20 - 33/30 - 18/35

SOLTERWARN

BT

HFUS 1 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 317

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 13 NOVEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 934 (N37E54)
PRODUCED A ONE NORMAL FLARE AT 13/1609Z WITH A C1 X-RAY BURST
AND HAS BEEN THE ONLY ACTIVITY NOTED SO FAR TODAY.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW. NO PAST ACTIVE
REGIONS ARE DUE TO RETURN.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY ACTIVE WITH MAJOR
STORM CONDITIONS OBSERVED 13/09-12Z. THE FIELD HAS SHOWN A
QUIETING TREND FOR THE PAST FOUR HOURS. ACTIVE TO UNSETTLED
CONDITIONS ARE FORECAST WITH POSSIBLE SHORT PERIODS OF MINOR
STORM CONDITIONS.

III. EVENT PROBABILITIES 14-16 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 NOV 96

PREDICTED 14-16 NOV 96/97/96

90-DAY MEAN 13 NOV 96

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 NOV 19

ESTIMATED AFR/AP 13 NOV 20/23

PREDICTED AFR/AP 14-16 NOV 17/20 - 14/15 - 12/12

SOLIERWARN

BT