

HFUS 3 BOU 170600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 321A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 17 NOVEMBER 1977

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH NO SIGNIFICANT CHANGE FROM  
OUR 16/2200Z REPORT.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED FOR THE PAST  
EIGHT HOURS AND NO CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 17 NOV-19 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 NOV 98

PREDICTED 17-19 NOV 98/98/98

90-DAY MEAN 16 NOV 96

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 NOV 18

ESTIMATED AFR/AP 16 NOV 12/16

PREDICTED AFR/AP 17-18 NOV 12/12 - 08/10 - 08-12

SOLTERWARN

BT

HFUS 3 BOU 171500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 321-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 17 NOV 1977

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 939 (N25E21) IS SHOWING SOME DYNAMIC TENDENCIES AS IT IS FLUCTUATING IN BRIGHTNESS AND PRODUCED A C-1 X-RAY BURST WITH A SUBNORMAL FLARE AT 171215 U.T. THE REST OF THE DISK AND LIMBS ARE UNCHANGED.

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

II. THE GEOMAGNETIC FIELD IS QUIET TO QUIET TO UNSETLED AND NO CHANGE IS EXPECTED DURING THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 17 - 19 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 NOV 98

PREDICTED 17 - 19 NOV 98/98/98

90-DAY MEAN 16 NOV 96

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 NOV 18

ESTIMATED AFR/AP 16 NOV 12/16

PREDICTED AFR/AP 17 - 18 NOV 08/12 - 08/10 - 08/10

SOLTERWARN

BT

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KRDU

HRUS 1 BDU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 321

JOINT AFSCMC/SFSC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 17 NOV 1977

IA. SOLAR ACTIVITY REMAINED AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 939 (N23E17) IS BRIGHT IN H-ALPHA, GROWING RAPIDLY IN WHITE LIGHT AND PRODUCED A C-4 SUPERNORMAL FLARE AT 171215 U.T. REGION 939 IS THOUGHT TO BE A BETA GAMMA MAGNETICALLY AND IS A MODERATE SIZE TYPE D SPOT GROUP. A NEW REGION (S41) IS VISIBLE AT N14E48.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW DURING THE NEXT 24 HOURS. CONTINUED DEVELOPMENT REGION 939 COULD ENHANCE THE CHANCES.

II. THE GEOMAGNETIC FIELD IS QUIET. QUIET TO OCCASIONALLY UNSETLED CONDITIONS ARE EXPECTED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 18 - 20 NOV 1977

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 NOV 103

PREDICTED 18 - 20 NOV 103/102/102

50-DAY MEAN 17 NOV 096

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 NOV 12

ESTIMATED AFR/AP 17 NOV 06/06

PREDICTED AFR/AP 18 - 20 NOV 10/15 - 08/12 - 10/15

SOLARFLARE

BT