

HFUS 3 BOU 160600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 320A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 16 NOVEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. ALL REGIONS REMAIN SIMPLE AND  
INACTIVE.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED SINCE OUR 15/2200Z  
MESSAGE. GENERALLY UNSETTLED CONDITIONS SHOULD PREVAIL THRU THE PERI

III. EVENT PROBABILITIES 16 NOV-18 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 NOV 101

PREDICTED 16-18 NOV 102/103/102

90-DAY MEAN 15 NOV 96

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 NOV 33

ESTIMATED AFR/AP 15 NOV 23/21

PREDICTED AFR/AP 16-18 NOV 12/15 - 12/15 - 08/12

SOLTERWARN

BT

HFUS 3 BOU 161500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 320-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 16 NOV 1977

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. HOWEVER, SEVERAL SUB  
C CLASS X-RAY BURST HAVE OCCURRED BUT WITH NO OPTICAL CORRELATIONS.  
A SMALL REGION HAS DEVELOPED NEAR (N23E60) AND IS NUMBER 940.

IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL DURING THIS  
FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD IS UNSETTLED TO SLIGHTLY ACTIVE AND NO  
CHANGE IS EXPECTED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 16 - 18 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 NOV 101

PREDICTED 16 - 18 NOV 102/103/102

90-DAY MEAN 15 NOV 96

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 NOV 33

ESTIMATED AFR/AP 15 NOV 23/21

PREDICTED AFR/AP 16 - 18 NOV 12/15 - 12/15 - 08/12

SOLTERWARN

BT

HFUS 1 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 320

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 16 NOV 1977

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL. SEVERAL SUBFLARES  
HAVE OCCURRED FROM RANDOM SOURCES BUT OVERALL THE VISIBLE DISK REMAINS  
UNIMPRESSIVE. CLOUDS HAVE HAMPERED OBSERVATIONS AT MOST OBSERVATORIES  
BUT LIMITED OBS REVEAL NO SIGNIFICANT CHANGES.

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

II. THE GEOMAGNETIC FIELD IS UNSETTLED AND UNSETTLED TO OCCASIONAL  
ACTIVE CONDITIONS SHOULD PERSIST.

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 12/15

PREDICTED AFR/AP 17 - 19 NOV 12/12 - 08/10 - 08/12

SOLTERWARN

BT