

HFUS 3 BOU 150530  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 319A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 15 NOVEMBER 1977

IA. SOLAR ACTIVITY CONTINUES VERY LOW. A SUBFAINT CLASS C1 FLARE OCCURRED AT 14/2218Z IN REGION 935 (S25W76) WHICH CONTINUES TO GROW SLOWLY. ITS SPOT GROUP IS ONLY A SMALL CLASS C. SIX OTHER VERY SMALL SPOT GROUPS ARE EITHER DECAYING OR SHOWING LITTLE TENDENCY TO GROW. A NEW REGION MAY BE CROSSING EAST LIMB AT N15.

IB. NO SIGNIFICANT INCREASE IN SOLAR ACTIVITY IS EXPECTED.  
II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR STORM LEVELS FOR MOST OF THE PAST 12 HOURS. ACTIVITY HAS DIMINISHED TO AN UNSETTLED LEVEL FOR THE PAST FIVE HOURS. CONDITIONS ARE EXPECTED TO BE MOSTLY UNSETTLED WITH OCCASIONAL ACTIVE PERIODS DURING THE NIGHTTIME HOURS TOMORROW. ACTIVITY SHOULD STEADILY DIMINISH DURING THE LATTER HALF OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 15 NOVEMBER - 17 NOVEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 NOVEMBER 100

PREDICTED 15-17 NOVEMBER 100/100/101

90-DAY MEAN 14 NOVEMBER 96

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 NOVEMBER 18

ESTIMATED AFR/AP 14 NOVEMBER 30/38

PREDICTED AFR/AP 15-17 NOVEMBER 18/20 - 12/15 - 12/12

SOLTERWARN

BT

HFUS 3 BOU 151500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 319-B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 15 NOV 1977

IA. SOLAR ACTIVITY REMAINS VERY LOW AND NO SIGNIFICANT CHANGES IN THE VISIBLE DISK FEATURES HAVE BEEN REPORTED SINCE OUR 0600Z MESSAGE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD WAS AT MINOR STORM LEVELS UNTIL 150900 U.T. SINCE THAT TIME, UNSETTLED TO ACTIVE CONDITIONS HAVE BEEN OBSERVED. GENERALLY UNSETTLED TO ACTIVE CONDITIONS SHOULD PERSIST FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 15 - 17 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 NOV 100

PREDICTED 15 - 17 NOV 100/100/101

90-DAY MEAN 14 NOV 96

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 NOV 18

ESTIMATED AFR/AP 14 NOV 30/38

PREDICTED AFR/AP 15 - 17 NOV 23/28 - 12/15 - 12/12

SOLTERWARN

BT

HFUS 1 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 319

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 15 NOV 1977

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. ALL REGIONS ARE SLOWLY DECLINING EXCEPT FOR 937 (S19E58) WHICH IS GROWING SLOWLY AND IS NOW A TYPE "C" GROUP. REGION 935 HAS ROTATED OVER THE WEST LIMB AND REGIONS 931, AND 936 NO LONGER HAVE SPOTS. A NEW REGION 939 (N24E43) HAS DEVELOPED SINCE YESTERDAY.

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

II. THE GEOMAGNETIC FIELD WAS AT MINOR STORM LEVELS EARLIER TODAY BUT IS NOW AT UNSETTLED CONDITIONS. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED FOR THE THREE DAYS.

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 23/25

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

SOLTERWARN

BT