

HFUS 3 BOU 200600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 110A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 20 APRIL 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.  
REGION 807 (S20W23) HAS BEEN DECAYING SLOWLY. REGION 811 (S25W72)  
IS DULL AND STABLE. MINOR ACTIVITY HAS BEEN OBSERVED NEAR NE15.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL. CLASS C EVENTS  
ARE EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST EIGHT HOURS.  
IT IS EXPECTED THE FIELD WILL REMAIN ACTIVE TO UNSETTLED DURING THE  
NEXT 24 HOURS.

III. EVENT PROBABILITIES 20 APRIL - 22 APRIL

CLASS M 30/25/25

CLASS X 10/05/05

PROTON 10/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 APRIL 82

PREDICTED 20-22 APRIL 79/78/76

90-DAY MEAN 19 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 APRIL 09

ESTIMATED AFR/AP 19 APRIL 32/44

PREDICTED AFR/AP 20-22 APRIL 15/28 - 12/20 - 12/10

SOLTERWARN

BT

HFUS 3 BOU 201500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 110-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 20 APRIL 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 807 (S20W28) NOW  
IS THE ONLY REGION REPORTED WITH SPOTS. ITS STRUCTURE HAS BEGUN  
A RAPID DECLINE IN INTENSITY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH SHORT PERIODS  
ATTAINING MINOR STORM LEVEL. THE FIELD IS EXPECTED TO BE MODERATELY  
UNSETTLED, WITH PERIODS OF ACTIVE CONDITIONS, DURING THE NEXT 36 HOURS.

III. EVENT PROBABILITIES 20-22 APRIL

CLASS M 30/25/25

CLASS X 10/05/05

PROTON 10/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 APRIL 82

PREDICTED 20-22 APRIL 79/78/76

90-DAY MEAN 19 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 APRIL 09

ESTIMATED AFR/AP 19 APRIL 32/43

PREDICTED AFR/AP 20-22 APRIL 15/28 - 12/20 - 12/10

SOLTERWARN

BT

HFUS 1 BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 110

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 20 APRIL 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THE ONLY ACTIVITY WAS A  
SF/C0 FLARE AT 20/0610Z AND A SB/C1 FLARE AT 20/1631Z, BOTH FROM  
REGION 807 (S20W35). REGION 807 HAS DECLINED IN BOTH SUNSPOT AND  
PLAGE STRUCTURE AND INTENSITY. REGIONS 808 (S25W69) AND 811  
(S25W83) ARE SPOTLESS.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW WITH AN OCCASIONAL  
CLASS C FLARE FROM REGION 807 DURING THE NEXT 3 DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH SHORT PERIODS  
ATTAINING MINOR STORM LEVELS. THE FIELD IS EXPECTED TO BE MODERATELY  
UNSETTLED, WITH PERIODS OF ACTIVE CONDITIONS, DURING THE NEXT  
24-36 HOURS. THE FIELD IS THEN EXPECTED TO BECOME GENERALLY  
UNSETTLED.

III. EVENT PROBABILITIES 21 - 23 APRIL

CLASS M 05/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 APRIL 83

PREDICTED 21 - 23 APRIL 80/79/77

90-DAY MEAN 20 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 APRIL 34

ESTIMATED AFR/AP 20 APRIL 25/28

PREDICTED AFR/AP 21 - 23 APRIL 14/20 - 10/10 - 07/07

SOLTERWARN

BT