

HFUS 3 BOU 260500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 238A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 26 AUG 1977

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. NO CHANGE IN THE VISIBLE  
DISK HAS BEEN REPORTED.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD IS UNSETTLED TO ACTIVE AND NO CHANGE  
IS EXPECTED FOR THE NEXT 24 TO 36 HOURS.

III. EVENT PROBABILITIES 26-28 AUG

CLASS M 05/05/01

CLASS-X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 AUG 86

PREDICTED 26-28 AUG 86/85/87

90-DAY MEAN 25 AUG 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 AUG 08

ESTIMATED AFR/AP 25 AUG 17/17

PREDICTED AFR/AP 26-28 AUG 18/20 - 15/15 - 08/10

SOLTERWARN

HFUS 3 BOU 261500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 238-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 26 AUG 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST TEN HOURS. REGION 874 (S24E03) PRODUCED TWO SUBNORMAL FLARES WITH BEGIN TIMES NEAR 26/0542Z AND 26/0633Z, RESPECTIVELY. THE SUBFLARE AT 0542Z WAS ACCOMPANIED BY A C-2 X-RAY BURST AND GENERALLY WEAK RADIO BURSTS. HOWEVER, THE CULGOORA OBSERVATORY REPORTED A STRONG TYPE II BURST PRECEDED BY A VERY INTENSE TYPE III/V GROUP WITH THIS SUBFLARE. THERE IS A NEW SPOT GROUP (REGION 878) DEVELOPING NEAR N42E19.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL THROUGH THE REST OF THE FORECAST PERIOD. OCCASIONAL C-CLASS X-RAY ACTIVITY SHOULD CONTINUE.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO UNSETTLED DURING THE PAST TEN HOURS, AND SIMILAR CONDITIONS ARE EXPECTED FOR THE REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 26 - 28 AUG

CLASS M 05/05/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 AUG 86

PREDICTED 26 - 28 AUG 86/85/87

90-DAY MEAN 25 AUG 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 AUG 08

ESTIMATED AFR/AP 25 AUG 17/17

PREDICTED AFR/AP 26 - 28 AUG 18/20 - 15/15 - 08/10

SOLTERWARN

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HFUS 1 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 238

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 26 AUG 1977

IA. SOLAR ACTIVITY REMAINED VERY LOW DURING THE PAST 24 HOURS.

REGION 874 (S26W00) NOW APPEARS TO BE AN E-TYPE SPOT GROUP AND  
HAS BECOME MAGNETICALLY MORE COMPLICATED. REGION 874 PRODUCED  
SEVERAL SMALL FLARES WHICH WERE ACCOMPANIED BY ONLY SLIGHT X-RAY  
ENHANCEMENTS AND GENERALLY WEAK RADIO BURSTS. REGION 877 (N18W69)  
DISPLAYED OCCASIONAL PLAGE FLUCTUATIONS. OTHER DISK FEATURES  
WERE STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE GENERALLY VERY LOW DURING THE  
NEXT 24 HOURS. HOWEVER, C-CLASS X-RAY ACTIVITY IS LIKELY AND ISOLATED.  
M-CLASS ACTIVITY IS POSSIBLE.

II. THE GEOMAGNETIC FIELD WAS ACTIVE TO UNSETTLED DURING THE  
PAST 24 HOURS. UNSETTLED TO OCCASIONALLY ACTIVE CONDITIONS ARE EXPECTED  
DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 27-29 AUG

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 AUG 85

PREDICTED 27-29 AUG 85/86/86

90-DAY MEAN 26 AUG 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 AUG 17

ESTIMATED AFR/AP 26 AUG 13/19

PREDICTED AFR/AP 27-29 AUG 12/14 - 08/08 - 08/08

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