

HFUS 3 BOU 290430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 272A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 29 SEPTEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST EIGHT HOURS.

TWO SUBFLARES HAVE BEEN REPORTED FROM REGION 898 (N13E36) AT  
29/0102Z AND 29/0218Z.

IB. SOLAR ACTIVITY SHOULD BE LOW THRU THE REST OF THE PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND SHOULD REMAIN  
QUIET TO UNSETTLED FOR THE NEXT 60 HOURS.

III. EVENT PROBABILITIES 29 SEPTEMBER - 01 OCTOBER

CLASS M 20/15/15

CLASS X 05/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 SEPTEMBER 100

PREDICTED 29 SEPTEMBER - 01 OCTOBER 100/101/102

90-DAY MEAN 28 SEPTEMBER 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 SEPTEMBER 23

ESTIMATED AFR/AP 28 SEPTEMBER 10/14

PREDICTED AFR/AP 29 SEPTEMBER - 01 OCTOBER 12/15 - 12/12 - 12/12

SOLTERWARN

BT

HFUS 3 BOU 291500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 272-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 29 SEP 1977

IA. SOLAR ACTIVITY WAS LOW DURING THE PAST TEN HOURS. REGION 898 (N13E26) PRODUCED A LONG-LIVED C-3 X-RAY ENHANCEMENT (SUBNORMAL FLARE) WHICH BEGAN AT 29/0615Z AND ENDED AT 29/0732Z. REGION 902 (N16W35) CONTINUES TO DISPLAY OCCASIONAL PLAGE FLUCTUATIONS TO INTENSITY 4. THERE IS A NEW A-TYPE SPOT (REGION 905) NEAR S24W14. ALL OTHER DISK REGIONS HAVE BEEN STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE GENERALLY LOW DURING THE REST OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED DURING THE PAST TEN HOURS. SIMILAR CONDITIONS ARE EXPECTED THROUGH THE REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 29 SEP - 01 OCT

CLASS M 20/15/15

CLASS X 05/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 SEP 100

PREDICTED 29 SEP - 01 OCT 100/101/102

90-DAY MEAN 28 SEP 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 SEP 23

ESTIMATED AFR/AP 28 SEP 10/13

PREDICTED AFR/AP 29 SEP - 01 OCT 08/08 - 10/10 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 292200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 272

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 29 SEPT 1977

IA. SOLAR ACTIVITY WAS GENERALLY LOW DURING THE PAST 24 HOURS. REGION  
898 (N16E22) AGAIN PRODUCED SEVERAL SUBFLARES WITH ONE C-CLASS X-  
RAY EVENT AT 29/0615Z. OCCASIONAL PLAGE FLUCTUATIONS WERE OBSERVED  
IN REGION 902 (N18W38) WHICH IS NOW A D-TYPE GROUP. OTHER DISK REGIONS  
APPEAR TO BE GENERALLY STABLE.

IB. SOLAR ACTIVITY SHOULD BE GENERALLY LOW DURING THE NEXT 24 HOURS.  
ISOLATED M-CLASS ACTIVITY IS POSSIBLE.

II. THE GEOMAGNETIC FIELD WAS GENERALLY QUIET DURING THE PAST 24 HOURS  
WITH ONLY BRIEF PERIODS OF UNSETTLED CONDITIONS. THE FIELD SHOULD BE  
MOSTLY QUIET TO OCCASIONALLY UNSETTLED DURING THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 30 SEPT-02 OCT

CLASS M 15/15/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 SEPT 99

PREDICTED 30 SEPT-02 OCT 99/100/101

90-DAY MEAN 28 SEPT 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 SEPT 10

ESTIMATED AFR/AP 29 SEPT 05/05

PREDICTED AFR/AP 30 SEPT-02 OCT 07/07 - 07/07 - 08/10

SOLTERWARN