

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 (N 13E 36) 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 UNSETLED 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 AFGMC/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 UNSETLED 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 102

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 - 10/12

SOLTERWARN

BT

HFUS 1 BOU 290000
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 272
JOINT AFGHNC/SFSC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 29 SEPT 1977

IA. SOLAR ACTIVITY WAS GENERALLY LOW DURING THE PAST 24 HOURS. REGION 998 (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
SOLTER/WARN	