

HFUS 3 BOU 080500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 281A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 08 OCTOBER 1977

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST SEVEN HOURS. REGION 908
PRODUCED A C-5 X-RAY EVENT WITH 1 NORMAL OPTICAL FLARE AT 07/2213Z
AND C-4 X-RAY WITH SUBNORMAL FLARE AT 08/0250Z. REGION 908 IS ALSO
REPORTED TO BE PRODUCING A STRONG TYPE ONE NOISE STORM AT METER
WAVELENGTHS.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE THE NEXT 8
HOURS. REGION 908 IS VERY LIKELY TO PRODUCE CLASS "M" AND POSSIBLY
CLASS "X" EVENTS. THE REMAINDER OF THE REGIONS WILL BE QUIET.

II. GEOMAGNETIC FIELD HAS BEEN QUIET THE LAST 7 HOURS AND IS EXPECTED
TO BE QUIET TO UNSETTLED THE NEXT 8 HOURS.

III. EVENT PROBABILITIES 08-10 OCT

CLASS M 60/60/60

CLASS X 15/15/15

PROTON 05/05/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 OCT 106

PREDICTED 08-10 OCT 107/109/108

90-DAY MEAN 07 OCT 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 OCT 10

ESTIMATED AFR/AP 07 OCT 05/05

PREDICTED AFR/AP 08-10 OCT 07/08 - 08/10 - 12/14

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HFUS 3 BOU 081500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 281-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 08 OCT 1977

IA. SOLAR ACTIVITY REMAINED AT A VERY LOW LEVEL THE PAST 12 HOURS. SMALL FLARE ACTIVITY CONTINUES IN REGION 908 (N07E45), THE LARGEST BEING A C-4 (SN-1F) AT 08/1226Z. THIS EVENT WAS ACCOMPANIED BY MINOR RADIO ACTIVITY AND APPEARS TO BE CONNECTED TO ACTIVITY IN AN ASSOCIATED FILAMENT. REGION 908 HAS BEEN REPORTED AS DECLINING SLOWLY. MINOR SURGE ACTIVITY WAS REPORTED ON THE WEST LIMB NEAR N20 WHERE 898 IS DEPARTING AND ON THE EAST LIMB NEAR N20 WHERE 894 IS DUE TO RETURN.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW TO VERY LOW LEVEL. CLASS M EVENTS ARE POSSIBLE FROM REGION 908 BUT SHOULD BE INFREQUENT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 12 HOURS AND IS EXPECTED TO REMAIN SO THRU MUCH OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 - 10 OCT

CLASS M	60/60/60
CLASS X	15/15/15
PROTON	05/05/10
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	07 OCT 106
PREDICTED	08-10 OCT 107/109/108
90-DAY MEAN	07 OCT 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	06 OCT 10
ESTIMATED AFR/AP	07 OCT 05/05
PREDICTED AFR/AP	08-10 OCT 07/08 - 08/10 - 12/14

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HFUS /1 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 281

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 OCTOBER 1977

IA. SOLAR ACTIVITY REMAINS AT A LOW LEVEL. REGION 908 (N07E44)
PRODUCED SMALL C-XRAY EVENTS AT 07/2213Z, 08/0250Z, 1226Z,
1523Z, AND 2030Z. ACTIVITY APPEARS TO BE OCCURRING IN THE AREAS
WEST OF LEADERS AND ALONG THE SOUTHERN EDGE OF THE REGION.
FILAMENTS CONNECTING 908 WITH EAST LIMB HAVE BEEN ACTIVE.
SURGE ACTIVITY ASSOCIATED WITH DEPARTING 899 (N14W90) HAS
DECREASED. SURGE AND SOME PROMINENCE ACTIVITY HAVE BEEN REPORTED
ON THE EAST LIMB NEAR N20 WHERE REGION 911 (PROBABLY OLD 894)
IS ROTATING ON TO THE DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL WITH
M-CLASS EVENTS POSSIBLE FROM REGION 908. THIS REGION HAS THE
POTENTIAL FOR ENERGETIC ACTIVITY AND SHOULD BE MONITORED FOR
INDICATIONS OF GROWTH OR RE-ORGANIZATION.

II. THE GEOMAGNETIC FIELD REMAINS QUIET. SIMILAR CONDITIONS
SHOULD EXIST THRU MOST OF THE FORECAST PERIOD. UNSETTLED
CONDITIONS MAY BE EXPERIENCED ON THE 10TH.

III. EVENT PROBABILITIES 09 OCTOBER - 11 OCTOBER

CLASS M 60/60/60

CLASS X 15/15/15

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 OCTOBER 104

PREDICTED 09-11 OCTOBER 105/107/109

90-DAY MEAN 08 OCTOBER 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 OCTOBER 04

ESTIMATED AFR/AP 08 OCTOBER 06/06

PREDICTED AFR/AP 09-11 OCTOBER 07/10 - 10/14 - 07/10

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