

HFUS 3 BOU 220430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 265A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 22 SEPTEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST EIGHT HOURS.
BRIGHTENINGS HAVE BEEN OBSERVED IN REGION 889 (N07W90) AND
REGION 892 (S24E11). CULGOORA REPORTED A 0 N FLARE AT NW18 AT
21/2250Z. THIS WOULD BE FROM REGION 890 WHICH ROTATED OFF THE
LIMB ON THE 21ST.

IB. SOLAR ACTIVITY WILL BE LOW TO MODERATE THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MAJOR STORM LEVELS SINCE
THE ONSET OF A SSC AT 21/2045Z. THE SSC IS THE RESULT OF THE
MAJOR FLARE ON 19 SEPTEMBER. THE GEOMAGNETIC FIELD IS EXPECTED
TO BE AT MINOR TO MAJOR STORM LEVELS FOR THE NEXT 36 HOURS.

III. EVENT PROBABILITIES 22 SEPTEMBER - 24 SEPTEMBER

CLASS M 90/30/30

CLASS X 50/15/15

PROTON 70/50/30

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 SEPTEMBER 106

PREDICTED 22-24 SEPTEMBER 102/99/99

90-DAY MEAN 21 SEPTEMBER 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 SEPTEMBER 39

ESTIMATED AFR/AP 21 SEPTEMBER 40/55

PREDICTED AFR/AP 22-24 SEPTEMBER 50/50 - 25/30 - 20/25

SOLTERWARN

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HFUS 3 BOU 221500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

XDF NUMBER 265-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 22 SEP 77

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. REGION 889
HAS ROTATED OFF THE DISK AND REGION 892 (S24E08) APPEARS STABLE.

ONLY C-CLASS X-RAY EVENTS HAVE BEEN NOTED SINCE 0500Z.

IB. SOLAR ACTIVITY WILL BE LOW TO MODERATE THROUGH THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MAJOR STORM LEVELS THE PAST
8 HOURS. MINOR TO MAJOR STORM LEVELS ARE EXPECTED TO CONTINUE
FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 22 - 24 SEP

CLASS M 90/30/30

CLASS X 50/15/15

PROTON 70/50/30

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 SEP 106

PREDICTED 22 - 24 SEP 102/99/99

90-DAY MEAN 21 SEP 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 SEP 39

ESTIMATED AFR/AP 21 SEP 40/55

PREDICTED AFR/AP 22 - 24 SEP 35/37 - 25/30 - 20/25

SOLTERWARN

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HFUS 1 BOU 222200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 265
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 22 SEP 1977
IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. ONLY TWO
ACTIVE REGIONS REMAIN ON THE DISK, 892 (S23W01) AND 894 (N23W51).
REGION 892 APPEARS TO HAVE STABILIZED SOMEWHAT BUT STILL HAS ACTIVITY
POTENTIAL. REGION 894 APPEARS QUIET AND STABLE WITH RECENT REPORTS
INDICATING SOME DECAY.
IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW. REGION 892
COULD PRODUCE AN OCCASIONAL ENERGETIC EVENT. ACTIVITY FROM REGION 889
IS STILL A POSSIBILITY EVEN THOUGH IT IS NOW PAST WEST LIMB.
II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR TO MAJOR STORM LEVELS
THE PAST 24 HOURS. SOME SETTLING OUT IS EXPECTED IN THE NEXT 24 HOURS
BUT ACTIVITY WILL BE IN THE ACTIVE TO MINOR STORM RANGE.
III. EVENT PROBABILITIES 23 SEP-25 SEP
CLASS M 30/20/10
CLASS X 05/01/01
PROTON 30/15/01
PCAF YELLOW
IV. OTTAWA 10.7 CM FLUX
OBSERVED 22 SEP 102
PREDICTED 23-25 SEP 101/99/98
90-DAY MEAN 22 SEP 89
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 21 SEP 44
ESTIMATED AFR/AP 22 SEP 30/55
PREDICTED AFR/AP 23-25 SEP 20/30 - 10/20 - 07/15
SOLTERWARN
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