

HFUS 1 BOU 220500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 235A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 22 AUGUST 1976

IA. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL. REGION
730 (S11E38) PLAGE IS FLUCTUATING, AND ACTIVE DARK FILAMENT
ACTIVITY IS PRESENT.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A GENERALLY VERY
LOW LEVEL. HOWEVER, ISOLATED ENERGETIC ACTIVITY REMAINS A POSSIBILITY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO QUIET DURING THE
PAST EIGHT HOURS. SIMILAR CONDITIONS ARE EXPECTED THROUGH THE
REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 22-24 AUGUST

CLASS M 10/05/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 AUGUST 072

PREDICTED 22-24 AUGUST 072/072/072

90-DAY MEAN 21 AUGUST 071

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 AUGUST 05

ESTIMATED AFR/AP 21 AUGUST 09/10

PREDICTED AFR/AP 22-24 AUGUST 08/10 - 08/10 - 15/15

SOLTERWARN

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HFUS 1 BOU 221430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 235B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 22 AUGUST 1976

I A. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 8 HOURS. AN M3
EVENT WAS OBSERVED BY SATELLITE AT 1208 (TIME OF MAXIMUM). RAMEY
REPORTED IT AS A 1B LIMB FLARE IN REGION 729 (S02W84).

I B. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. M & X CLASS EVENTS
MAY OCCUR WITH A POSSIBLE PROTON EVENT SPAWNED BY THE FLARE.

II. THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETLED DURING THE
NEXT 12-18 HOURS. THE LIMB FLARE WILL TRIGGER A MAJOR MAGNETIC
STORM APPROXIMATELY 18-36 HOURS (APPROXIMATELY 0600Z 23 AUG 76)
LATER. SECOND DAY FORECASTED AFRD/AP AND THIRD DAY WILL
BE UPDATED ON THE PRIMARY AT 2200Z, AS MORE INFORMATION
BECOMES AVAILABLE.

III. EVENT PROBABILITIES 22-24 AUG
CLASS M 25/25/05
CLASS X 10/05/01
PROTON 05/05/01
PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX
OBSERVED 21 AUG 72
PREDICTED 22-24 AUG 72/72/72
90-DAY MEAN 21 AUG 71

V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 20 AUG 05
ESTIMATED AFR/AP 21 AUG 09/10
PREDICTED AFR/AP 22-24 AUG 08/10 - 25/25 - 25/25
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GEOALERT WWA 235 220300
91221 10130 20720 30090 4///
21234 00000
80622 77773 21234 QUIET
SOLQUIET MAGQUIET
FIN
SOLTERWARN

HFUS 1 BOU 222200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO
SDF NUMBER 235
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 22 AUG 76
IA. SOLAR ACTIVITY HAS BEEN VERY LOW. A 1B OPTICAL FLARE WITH AN
ASSOCIATED M3 X-RAY EVENT WAS OBSERVED AT 1208Z IN REGION 729
(S02W90).
IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. THE FLARE MAY
TRIGGER MORE DURING THE NEXT 24 HOURS. OTHERWISE ACTIVITY
SHOULD BE MINIMAL.
II. THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO MILDLY
ACTIVE. THE FIELD MAY BE ENHANCED BY ENERGETIC PARTICLES FROM
THE FLARE. OTHERWISE UNSETTLED CONDITIONS SHOULD BE EXPECTED.
THERE IS A SMALL POSSIBILITY OF A MAGNETIC STORM.
III. EVENT PROBABILITIES 23-25 AUGUST
CLASS M 25/05/01
CLASS X 05/01/01
PROTON 05/01/01
PCAF YELLOW
IV. OTTAWA 10.7 CM FLUX
OBSERVED 22 AUGUST 71
PREDICTED 23-25 AUGUST 71/72/73
90-DAY MEAN 22 AUGUST 71
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 21 AUGUST 09
ESTIMATED AFR/AP 22 AUGUST 07/09
PREDICTED AFR/AP, 23-25 AUGUST 20/12 - 15/15 - 20/20
SOLTERWARN
BT