

SDF NUMBER 207A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 26 JULY 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.
ONE SUBFLARE WAS OBSERVED IN DEPARTING REGION 609 (S05W88).
THE REST OF THE DISK HAS BEEN QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST
8 HOURS. IT IS EXPECTED THAT DURING THE NEXT 24 HOURS THE FIELD
WILL BE ACTIVE TO UNSETTLED. THE DISTURBANCE IS EXPECTED TO
GRADUALLY DECREASE DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 26 JULY - 28 JULY 1975

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JULY 077

PREDICTED 26 -28 JULY 077/076/076

90-DAY MEAN 25 JULY 072

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JULY 06

ESTIMATED AFR/AP 25 JULY 30/54

PREDICTED AFR/AP 26-28 JULY 18/20 - 12/12 - 08/10

SOLTERWARN

BT

HFUS 1 BOU 261430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER
HFUS 1 BOU 261430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 207B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 26 JULY 1975
IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 16 HOURS.
REGION 615 (N07W07) PRODUCED A C-CLASS SUBNORMAL FLARE AT 26/0657Z.
THE REGION NOW SEEMS STABLE AND GENERALLY WEAKER THAN YESTERDAY.
OTHER REGIONS ARE QUIET.
IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW. NO ENERGETIC
FLARES ARE ANTICIPATED DURING THE FORECAST PERIOD.
II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE FOR THE PAST 16 HOURS.
THE FIELD IS EXPECTED TO TREND TOWARD QUIET LEVELS AT THE END
OF THE FORECAST PERIOD.
III. EVENT PROBABILITIES 26-28 JULY 1975
CLASS M 05/05/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 25 JUL 077
PREDICTED 26-28 JUL 077/076/076
90-DAY MEAN 25 JULY 072
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 24 JULY 06
ESTIMATED AFR/AP 25 JULY 26/54
PREDICTED AFR/AP 26-28 JUL 18/20 - 12/12 - 08/10
SOLTERWARN
BT

GEOALERT WWA 207 260300
91225 10580 20770 30302 40040
38605 01000 11706 00000 10107 03000
A MINOR GEOMAGNETIC STORM STARTED 25/08//Z
80626 77773 38605 QUIET 11706 QUIET
10107 QUIET
SOLQUIET MAGALERT 26/27
FIN
SOLTERWARN

HFUS 1 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 207

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 JULY 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.
ONE OR TWO SMALL C-CLASS SUBFLARES HAVE BEEN SEEN IN REGION 615
(N08W11) AS THIS REGION CONTINUES ITS SLOW GROWTH. INTERMEDIATE
SPOTS ARE FORMING IN THE REGION BUT THE REGION LACKS MAGNETIC
COMPLEXITY. REGION 614 (N07E04) IS SCATTERED AND WEAK.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW. REGION 615 DOES
NOT CURRENTLY POSSESS ENERGETIC POTENTIAL (M-CLASS OR GREATER
FLARES).

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY ACTIVE FOR THE
PAST 24 HOURS, BUT HAS BEEN EXHIBITING A QUIETING TREND. THE
FIELD IS EXPECTED TO BE UNSETTLED THROUGH MOST OF THE FORECAST
PERIOD, WITH QUIETER LEVELS SEEN AT THE END OF THE PERIOD.

III. EVENT PROBABILITIES 27 JULY - 29 JULY

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 JULY 78

PREDICTED 27 JULY - 29 JULY 77/77/77

90-DAY MEAN 26 JULY 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 JULY 26

ESTIMATED AFR/AP 26 JULY 18/20

PREDICTED AFR/AP 27 JULY - 29 JULY 12/15 - 08/10 - 08/08

SOLTERWARN

BT

HFUS 1 BOU 270450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 208A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 27 JULY 1975

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST
EIGHT HOURS. REGION 615 (N08W14) HAS CONTINUED PLAGE GROWTH
BUT ACTIVITY HAS NOT INCREASED. REGION 614 (N07E01) HAS SHOWN
NO SIGNIFICANT CHANGE. THE LIMBS ARE QUIET AND STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN AT A LOW LEVEL. REGION 615 IS
EXPECTED TO PRODUCE A FEW NON-ENERGETIC SUBFLARES.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO UNSETTLED AND IS
EXPECTED TO CONTINUE AT THIS LEVEL THROUGH THIS ZULU DAY AND THEN
THE LEVEL OF ACTIVITY SHOULD DECREASE.

III. EVENT PROBABILITIES 27 JULY - 29 JULY

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 JULY 78

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V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 JULY 26

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