

HFUS 1 BOU 270600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 208A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 27 JULY 1974

IA. REGION 455 (S10E30) PRODUCED AN ENERGETIC FLARE AT 26/2228Z.
THE FLARE WAS CLASSIFIED AS ONE BRIGHT BY MANILA OBSERVATORY AND
SATELLITE READOUT INDICATES THE X RAY CLASS C FLARE. THE REGION
HAS BEEN QUIET SINCE THAT TIME. THE REST OF THE DISK IS QUIET.

IB. SOLAR ACTIVITY WILL INCREASE DURING THE NEXT 24 HOURS TO A
MODERATE LEVEL. A FEW CLASS M FLARES ARE PROBABLE FROM REGION 455.

II. THE MINOR GEOMAGNETIC DISTURBANCE IS DECREASING IN INTENSITY.
IT IS EXPECTED TO DECREASE STILL MORE DURING THE NEXT 24 HOURS. A
FEW HIGH READINGS ARE EXPECTED DURING LOCAL NIGHT TIME HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1 BOU 271400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 208B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 27 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. ONE
ENERGETIC FLARE (1B, M1) WAS REPORTED AT 2228Z IN REGION 455
(S10E26). OTHERWISE ALL REGIONS HAVE BEEN RELATIVELY STABLE.
IB. SOLAR ACTIVITY SHOULD REMAIN AT ITS CURRENT LEVEL DURING
THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AND SHOULD REMAIN
SO THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 27 - 29 JULY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 JULY 90

PREDICTED 27 - 29 JULY 90/91/91

90-DAY MEAN 26 JULY 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 JULY 20

ESTIMATED AFR/AP 26 JULY 15/17

PREDICTED AFR/AP 27 - 29 JULY 20/25 - 13/15 - 13/15

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HFUS BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 208

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 27 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH TWO FLARES IN THE PAST
24 HOURS. ONE WAS AN IMPORTANCE 1B (M1) AT 2228Z IN REGION 455
(S10E20). NO OTHER EFFECTS WERE OBSERVED. ALL REGIONS HAVE
UNDERGONE ONLY MINOR CHANGES SINCE YESTERDAY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THE NEXT 72
HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN AT ACTIVE TO MINOR STORM
CONDITIONS. IT IS EXPECTED TO BE ACTIVE THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 28 - 30 JULY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 JULY 85

PREDICTED 28 - 30 JULY 86/86/88

90-DAY MEAN 27 JULY 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 JULY 17

ESTIMATED AFR/AP 27 JULY 24/33

PREDICTED AFR/AP 28 - 30 JULY 13/15 - 13/15 - 13/15

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