

HFUS 3 BOU 080500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 189A

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

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 846 (N20W60) EXHIBITS PERIODIC BRIGHTENINGS AND ONE BRIGHT SURGE WAS REPORTED IN THIS REGION. MINOR SURGING HAS OCCURRED AT NW39 AS REGION 843 TRANSITS WEST LIMB. A C-2 X-RAY EVENT (MAX. 08/0346Z) HAS NOT HAD A REPORTED OPTICAL COUNTERPART.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED, ATTAINING MINOR STORM LEVEL NEAR 0300Z WITH THE ONSET OF A MAJOR SUBSTORM. THE FIELD IS EXPECTED TO BE UNSETTLED WITH SHORT PERIODS OF ACTIVE CONDITIONS FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 08 - 10 JULY

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 JULY 82

PREDICTED 08 - 10 JULY 81/81/81

90-DAY MEAN 07 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 JULY 20

ESTIMATED AFR/AP 07 JULY 17/15

PREDICTED AFR/AP 08 - 10 JULY 12/12 - 07/07 - 07/07

SOLTERWARN

BT

HFUS 3 BOU 081500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 189-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 8 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 846(N20W65) PRODUCED
A SUBNORMAL C-2 FLARE AT 0541 ALONG ITS ACTIVE NEUTRAL LINE, AND
THERE HAVE BEEN SOME OTHER PLAGE BRIGHTENINGS TO NEAR FLARE INTEN-
SITY ALONG IT. THE REGION APPEARS STABLE IN WHITE LIGHT. THE
REST OF THE DISK/LIMB IS QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE THE PAST
10 HOURS, AND IS EXPECTED TO REMAIN UNSETTLED TO ACTIVE FOR THE
REST OF TODAY.

III. EVENT PROBABILITIES 08-10 JULY

CLASS M 15/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 JULY 82

PREDICTED 08-10 JULY 81/81/81

90-DAY MEAN 07 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 JULY 20

ESTIMATED AFR/AP 07 JULY 17/15

PREDICTED AFR/AP 08-10 JULY 18/16 - 10/10 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 189

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 8 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 846 (N21W68) PRODUCED A SUBNORMAL C-2 FLARE AT 0541Z ALONG ITS NEUTRAL LINE. THERE WERE PERIODIC BRIGHTENINGS ALSO ALONG THE NEUTRAL LINE AND ONE BRIGHT SURGE WAS REPORTED. THE REGION IS STABLE OR SLIGHTLY DECAYING IN WHITE LIGHT. THERE HAVE BEEN SURGES NEAR NW 40. THE REST OF THE DISK/LIMB APPEARS STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE TODAY. IT IS EXPECTED TO BE UNSETTLED FOR THE NEXT 24 TO 48 HOURS.

III. EVENT PROBABILITIES 9-11 JULY

CLASS M 10/05/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 8 JULY 79

PREDICTED 9-11 JULY 79/79/79

90-DAY MEAN 8 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 7 JULY 16

ESTIMATED AFR/AP 8 JULY 18/18

PREDICTED AFR/AP 9-11 JULY 12/12 - 08/10 - 07/07

SOLTERWARN

BT