

HFUS 3 BOU 140430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 195A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 14 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 845 (S21W43) CONTINUES
TO DECLINE. THERE HAVE BEEN SOME PLAGE FLUCTUATIONS AND THE FILAMENT
IN THE SE SECTION HAS BEEN SLIGHTLY ACTIVE. THE REST OF THE
DISK/LIMB HAS BEEN QUIET.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT A VERY LOW LEVEL.

II. A MINOR MAGNETIC STORM COMMENCED AT 0248Z. THE GEOMAGNETIC FIELD
IS EXPECTED TO BE UNSETTLED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 14 JULY - 16 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 JULY 75

PREDICTED 14-16 JULY 75/75/77

90-DAY MEAN 13 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 JULY 03

ESTIMATED AFR/AP 13 JULY 11/13

PREDICTED AFR/AP 14-16 JULY 13/15 - 10/10 - 10/10

SOLTERWARN

BT

HFUS 3 BOU 141500

SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 195-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 14 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 845 (S21W47) NOW IS
SPOTLESS. ITS NEUTRAL LINE HAS BEEN ACTIVE. THERE IS AN ARCH SHAPED
PROMINENCE NEAR NE40 WHICH HAS SHOWN LITTLE CHANGE. THE REST OF THE
DISK/LIMB HAS BEEN QUIET.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE FOR THE PAST 10 HOURS. IT
IS EXPECTED TO BE UNSETTLED FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 14 - 16 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 JULY 75

PREDICTED 14 - 16 JULY 75/75/77

90-DAY MEAN 13 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 JULY 03

ESTIMATED AFR/AP 13 JULY 11/13

PREDICTED AFR/AP 14 - 16 JULY 26/22 - 10/10 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 195

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 845 (S21W51) HAS NO SPOTS. ITS NEUTRAL LINE WAS SLIGHTLY ACTIVE DURING THE BEGINNING OF THE DAY. THERE WAS AN ARCH SHAPED PROMINENCE NEAR NE 40. THE REST OF THE DISK/LIMB HAS BEEN QUIET.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TODAY AND IT REACHED MINOR STORM LEVELS FROM 0248Z TO 1200Z. THE REST OF THE DAY WAS UNSETTLED. UNSETTLED CONDITIONS ARE EXPECTED FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 15-17 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 JULY 74

PREDICTED 15-17 JULY 75/77/77

90-DAY MEAN 14 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 JULY 09

ESTIMATED AFR/AP 14 JULY 23/25

PREDICTED AFR/AP 15-17 JULY 12/10 - 10/10 - 07/07

SOLTERWARN

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