

HFUS 3 BOU 130500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 194A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 13 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
REGION 845 (S20W27) HAS SHOWN SOME GROWTH AND DEVELOPMENT. THE
REST OF THE DISK IS STABLE AND QUIET. THE LIMBS ARE QUIET.

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

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IT IS EXPECTED THE
FIELD WILL BE QUIET TO SLIGHTLY UNSETLED DURING THE FORECAST
PERIOD.

III. EVENT PROBABILITIES 13 JULY - 15 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 JULY 73

PREDICTED 13-15 JULY 74/75/77

90-DAY MEAN 12 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 JULY 12

ESTIMATED AFR/AP 12 JULY 05/06

PREDICTED AFR/AP 13-15 JULY 07/07 - 10/10 - 10/10

SOLTERWARN

BT

HFUS 3 BOU 131500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 194-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 13 JULY 1977

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW. A SINGLE SUBFLARE OF C1 CLASS OCCURRED AT 1036Z WITHIN A SLOWLY DEVELOPING AREA (REGION 845, S20W35). A SMALL NEW BIPOLE CLUSTER OF SPOTS DEVELOPED YESTERDAY NEAR THE OLD LEADER SPOT AND GROWTH HAS CONTINUED VERY SLOWLY DURING TODAY. NO OTHER SPOTS ARE VISIBLE ON THE SOLAR DISK AND NO ACTIVITY IS REPORTED AT THE LIMBS.

IB. NO INCREASE IN ACTIVITY IS EXPECTED DURING THE NEXT 24 HOURS. SOLAR LONGITUDES CROSSING THE EAST LIMB DURING THE NEXT 3 DAYS ARE EXPECTED TO DEVELOP NEW ACTIVE REGIONS DURING THIS SOLAR ROTATION.

II. THE GEOMAGNETIC FIELD WAS DISTURBED 03-06Z BUT HAS BECOME NEARLY QUIET SINCE THEN. QUIET TO UNSETLED CONDITIONS ARE EXPECTED THROUGH THE END OF THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 13 - 15 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 JULY 73

PREDICTED 13 - 15 JULY 73/73/75

90-DAY MEAN 12 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 JULY 12

ESTIMATED AFR/AP 12 JULY 05/06

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

SOLTERWARN

BT

HFUS 1 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 194

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 13 JULY 1977

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FURTHER GROWTH IN
THE SMALL SPOTS IN REGION 845 (S20W39). THE SPOT GROUP IS NOW ONLY
TYPE B AND THERE HAS BEEN NO ACTIVITY DURING THE PAST 12 HOURS.
THERE ARE NO OTHER SPOTTED REGIONS ON THE SUN AND NO INDICATION
OF ANY ACTIVITY NEAR EAST LIMB.

IB. NO SIGNIFICANT SOLAR ACTIVITY IS EXPECTED. THE SOLAR LONGITUDES
CROSSING EAST LIMB DURING THE NEXT THREE DAYS ARE EXPECTED TO
PRODUCE MINOR NEW ACTIVE REGIONS DURING THIS SOLAR ROTATION.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETLED TODAY. SIMILAR
CONDITIONS ARE EXPECTED THROUGH THE NEXT THREE DAYS.

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 10/10 - 10/10 - 10/10

SOLTERWARN

BT