

HFUS 3 BOU 190500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 200A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 19 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
THERE ARE NO SPOTS ON THE VISIBLE DISK AND 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 UNSETTLED DURING THE FORECAST
PERIOD.

III. EVENT PROBABILITIES 19 JULY - 21 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 JULY 74

PREDICTED 19-21 JULY 74/75/77

90-DAY MEAN 18 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 JULY 11

ESTIMATED AFR/AP 18 JULY 07/09

PREDICTED AFR/AP 19-21 JULY 12/15 - 10/12 - 14/14

SOLTERWARN

BT

HFUS 3 BOU 191500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 200-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 19 JULY 1977

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 847 (S23E36) REMAINS
SPOTLESS AND STABLE. THE PROMINENCE NEAR NE27 REMAINS SLIGHTLY
ACTIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED, BECOMING ACTIVE AT MID-
LATITUDES AFTER 19/0600Z. THE FIELD IS EXPECTED TO BE GENERALLY
UNSETTLED, WITH SHORT PERIODS OF ACTIVE CONDITIONS, THROUGH 21 JULY.

III. EVENT PROBABILITIES 19 JULY - 21 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 JULY 74

PREDICTED 19-21 JULY 74/75/77

90-DAY MEAN 18 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 JULY 11

ESTIMATED AFR/AP 18 JULY 07/09

PREDICTED AFR/AP 19-21 JULY 12/15 - 10/12 - 14/14

SOLTERWARN

BT

HFUS 1 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 200

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 19 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. TWO SMALL REGIONS ARE
EMERGING TODAY, REGIONS 848 (S26W26) AND 849 (N20E57). BOTH
CURRENTLY CONTAIN A-TYPE SUNSPOT STRUCTURE AND NEITHER SHOW STRONG
GROWTH TENDENCY. REGION 847 (S23E33) REMAINS SPOTLESS AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE THIS ZULU DAY. THE FIELD
IS EXPECTED TO BE GENERALLY UNSETTLED, WITH PERIODS OF ACTIVE
CONDITIONS, FOR THE NEXT THREE DAYS. THE LATTER HALF OF THE PERIOD
IS EXPECTED TO BE THE MOST ACTIVE AS A CORONAL HOLE IN THE NORTHERN
HEMISPHERE ROTATES INTO A FAVORABLE GEOMETRICAL POSITION.

III. EVENT PROBABILITIES 20 JULY - 22 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 JULY 74

PREDICTED 20-22 JULY 76/77/79

90-DAY MEAN 19 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 JULY 07

ESTIMATED AFR/AP 19 JULY 19/19

PREDICTED AFR/AP 20-22 JULY 12/15 - 13/12 - 15/18

SOLTERWARN

BT