

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 UNSETLED 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 UNSETLED, BECOMING ACTIVE AT MID-LATITUDES AFTER 19/0600Z. THE FIELD IS EXPECTED TO BE GENERALLY UNSETLED, 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 UNSETLED, 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

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