

HFUS 3 BOU 160500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 197A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 16 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. OLD REGION  
837 HAS ROTATED ONTO THE DISC NEAR S20 E84 BUT IS SPOTLESS AT THIS  
TIME.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO  
CONTINUE UNSETTLED THROUGH THE NEXT 18-24 HOURS.

III. EVENT PROBABILITIES 16 JULY - 18 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JULY 74

PREDICTED 16-18 JULY 77/77/79

90-DAY MEAN 15 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 JULY 25

ESTIMATED AFR/AP 15 JULY 12/17

PREDICTED AFR/AP 16 - 18 JULY 10/10 - 07/07 - 07/05

SOLTERWARN

BT

HFUS 3 BOU 161500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 197-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 16 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.  
OLD REGION 837 (S20E79) PLAGE IS NOW VISIBLE BUT IS OBSERVED TO BE  
SPOTLESS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE AND IS  
EXPECTED TO BE UNSETTLED FOR THE NEXT PERIOD.

III. EVENT PROBABILITIES 16 - 18 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JULY 74

PREDICTED 16 - 18 JULY 77/77/79

90-DAY MEAN 15 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 JULY 25

ESTIMATED AFR/AP 15 JULY 14/17

PREDICTED AFR/AP 16 - 18 JULY 17/20 - 10/10 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 197

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 16 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. NEW REGION 847 (S23E71) IS  
PRESENTLY SPOTLESS, HOWEVER MCMATH HAS OBSERVED THAT IT CONTAINED  
2 VERY SMALL SPOTS AT 1440Z. THE REMAINDER OF THE DISK AND LIMBS  
APPEAR QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO  
REMAIN SO FOR THE NEXT FORECAST PERIOD.

III. EVENT PROBABILITIES 17 JULY - 19 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 JULY 15 74

PREDICTED 17-19 JULY 76/78/78

90-DAY MEAN 16 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 JULY 15

ESTIMATED AFR/AP 16 JULY 21/27

PREDICTED AFR/AP 17-19 JULY 12/14 - 10/10 - 07/07

SOLTERWARN

BT