

HFUS 3 BOU 210500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 202A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 21 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. MINOR SURGE  
ACTIVITY HAS BEEN REPORTED IN THE AREA OF REGION 851 (N17E70)  
WHICH IS A MODERATE H TYPE SPOT GROUP. THE REMAINDER OF THE DISK  
AND LIMB IS QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.

II. GEOMAGNETIC FIELD HAS BEEN AT A MINOR STORM LEVEL THE PAST 8  
HOURS AND IS EXPECTED TO CONTINUE AT THIS LEVEL FOR THE NEXT 8 HOURS.

III. EVENT PROBABILITIES 21-23 JULY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 JULY 77

PREDICTED 21-23 JULY 79/82/83

90-DAY MEAN 20 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 JULY 20

ESTIMATED AFR/AP 20 JULY 28/30

PREDICTED AFR/AP 21-23 JULY 25/25 - 24/24 - 30/30

SOLTERWARN

BT

HFUS 3 BOU 211500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 202B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 21 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. MINOR SURGES NEAR NE15 AND  
SE20 WERE THE ONLY NOTED ACTIVITY.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY ACTIVE WITH MINOR  
STORM CONDITIONS OBSERVED AROUND 0300Z. THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE GENERALLY ACTIVE WITH MINOR STORM CONDITIONS POSSIBLE  
ON THE LAST DAY OF THE PERIOD.

III. EVENT PROBABILITIES 21-23 JUL

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 JUL 77

PREDICTED 21-23 JUL 79/82/83

90-DAY MEAN 20 JUL 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 JUL 20

ESTIMATED AFR/AP 20 JUL 28/34

PREDICTED AFR/AP 21-23 JUL 25/25 - 24/24 - 30/30

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HFUS 1 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 202

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 21 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 851 (N16E65) IS A  
STABLE OR DECAYING H TYPE. THE REMAINDER OF THE DISK IS QUIET  
BUT SURGES ON THE NE AND SE LIMBS CONTINUE.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE  
SINCE EARLY MORNING. THE FIELD IS EXPECTED TO BE UNSETTLED TO  
ACTIVE THRU THE FIRST DAY OF THE PERIOD THEN BECOME ACTIVE FOR  
THE REMAINDER OF THE PERIOD.

III. EVENT PROBABILITIES 22-24 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 JULY 79

PREDICTED 22-24 JULY 82/84/85

90-DAY MEAN 21 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 JULY 25

ESTIMATED AFR/AP 21 JULY 15/14

PREDICTED AFR/AP 22-24 JULY 12/14 - 25/25 - 20/20

SOLTERWARN

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