

HFUS 3 BOU 300430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 211A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0430Z 30 JULY 1977  
IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST SEVEN HOURS.  
REGION 849 (N20W86) IS NEARING WEST LIMB TRANSIT, AND REGION 851  
(N17W49) HAS BEEN SLOWLY DECAYING.  
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.  
II. THE GEOMAGNETIC FIELD HAS BEEN AT OR NEAR MINOR STORM LEVELS  
DURING THE PAST SEVEN HOURS. GENERALLY MINOR STORM CONDITIONS  
SHOULD PREVAIL DURING THE REST OF THE ZULU DAY.  
III. EVENT PROBABILITIES 30 JULY - 01 AUGUST  
CLASS M 05/05/05  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 29 JULY 84  
PREDICTED 30 JULY - 01 AUGUST 84/84/83  
90-DAY MEAN 29 JULY 84  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 28 JULY 05  
ESTIMATED AFR/AP 29 JULY 49/51  
PREDICTED AFR/AP 30 JULY - 01 AUGUST 35/40 - 18/20 - 15/15  
SOLTERWARN  
BT

HFUS 3 BOU 301500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 211-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 30 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 849 (NW20) HAS BEEN  
SURGING DURING THE PAST 8 HOURS AS IT ROTATES OVER THE WEST LIMB.  
REGION 851 (N14W47) CONTAINS AN H TYPE SPOT AND ITS ASSOCIATED  
FILAMENT STRUCTURE HAS DECAYED IN THE PAST 8 HOURS. ALL OTHER DISK  
AND LIMB FEATURES APPEAR QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS CONTINUED TO BE AT NEAR MINOR STORM  
LEVELS DURING THE PAST 10 HOURS. MINOR STORM GEOMAGNETIC CONDITIONS  
ARE EXPECTED TO CONTINUE DURING THE NEXT 12 HOURS.

III. EVENT PROBABILITIES 30 JULY - 01 AUG

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 JULY 84

PREDICTED 30 JULY - 01 AUG 84/84/83

90-DAY MEAN 29 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 JULY 05

ESTIMATED AFR/AP 29 JULY 49/51

PREDICTED AFR/AP 30 JULY - 01 AUG 35/40 - 18/20 - 15/15

SOLTERWARN

BT

HFUS 1 BOU 302200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SOF NUMBER 211  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 30 JULY 1977  
IA. SOLAR ACTIVITY HAS BEEN VERY LOW. RGN 851 (N16W52) HAS EXPERIENCED  
FURTHER DECAY AND PRESENTLY DISPLAYS 1 SPOT. RGN 852 (S24W33)  
HAS BEEN REPORTED TO CONTAIN 2 FAINT SPOTS BUT PRESENTLY APPEARS  
SPOTLESS. THE LARGE PROMINENCE AT SW48 CONTINUES ITS TRANSIT OVER  
THE WEST LIMB AND APPEARS MORE DIFFUSE SINCE YESTERDAY. ALL OTHER  
DISK AND LIMB FEATURES APPEAR QUIET AND STABLE.  
IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT VERY LOW LEVEL.  
II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 7 HOURS  
AND AT MINOR STORM LEVELS DURING THE NEXT PRECEDING 12 HOURS. THE  
FIELD IS EXPECTED TO BECOME ACTIVE TO UNSETTLED DURING THE NEXT 24  
HOURS.  
III. EVENT PROBABILITIES 31 JULY - 02 AUGUST  
CLASS M 01/01/01  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 30 JULY 82  
PREDICTED 31 JULY - 02 AUGUST 82/81/80  
90-DAY MEAN 30 JULY 84  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 29 JULY 49  
ESTIMATED AFR/AP 30 JULY 18/25  
PREDICTED AFR/AP 31 JULY - 02 AUGUST 18/20 - 15/15 - 10/10  
SOLTERWARN  
BT