

HFUS 3 BOU 090500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 221A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 09 AUGUST 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.  
THE ONE DISK REGION APPEARS TO BE DECLINING SLOWLY IN ALL PARAMETERS.  
THE LIMBS ARE QUIET AND STABLE.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST EIGHT  
HOURS. IT IS EXPECTED THE FIELD WILL BE UNSETLED TO ACTIVE DURING  
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 09 AUGUST - 11 AUGUST

CLASS M	30/30/30
CLASS X	05/05/05
PROTON	03/03/05
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	08 AUGUST 83
PREDICTED	09-11 AUGUST 83/82/82
90-DAY MEAN	08 AUGUST 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	07 AUGUST 19
ESTIMATED AFR/AP	08 AUGUST 17/15
PREDICTED AFR/AP	09-11 AUGUST 12/15 - 10/12 - 10/10
SOLTERWARN	

HFUS 3 BOU 091500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 221-B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 09 AUG 1977  
IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST TEN HOURS. REGION  
861 (N25W01) HAS SHOWN VERY SLIGHT SPOT DECAY AND HAS DECREASED IN  
ITS PRODUCTION OF X-RAY ENHANCEMENTS. THERE IS A NEW A-TYPE SPOT  
GROUP FORMING NEAR S20E46. OTHERWISE THE DISK AND LIMBS ARE QUIET.  
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.  
HOWEVER, REGION 861 REMAINS A THREAT TO PRODUCE ISOLATED ENERGETIC  
ACTIVITY.  
II. THE GEOMAGNETIC FIELD WAS ACTIVE TO UNSETTLED DURING THE  
PAST TEN HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED DURING  
THE REMAINDER OF THE FORECAST PERIOD.  
III. EVENT PROBABILITIES 09 - 11 AUG  
CLASS M 30/30/30  
CLASS X 05/05/05  
PROTON 03/03/05  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 08 AUG 83  
PREDICTED 09 - 11 AUG 83/82/82  
90-DAY MEAN 08 AUG 85  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 07 AUG 19  
ESTIMATED AFR/AP 08 AUG 17/15  
PREDICTED AFR/AP 09 - 11 AUG 12/15 - 10/12 - 10/10  
SOLTERWARN  
BT

HFUS 1 BOU 092200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 221  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 09 AUGUST 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 24 HOURS. REGION 861 (N23W09), A LARGE D-TYPE SPOT GROUP WITH A BETA-DELTA MAGNETIC CLASSIFICATION, SHOWED SOME PLAGE FLUCTUATION TO NEAR FLARE BRIGHTNESS. PALEHUA OBSERVATORY REPORTED A DSD (BEGAN AT 09/1647Z, ENDED 09/1728Z) FROM REGION 861. REGION 862 (S22E37) IS A SMALL A-TYPE SPOT.

IB. SOLAR ACTIVITY IS EXPECTED TO BE GENERALLY VERY LOW DURING THE NEXT 24 HOURS. HOWEVER, FLUCTUATIONS TO MODERATE LEVEL ARE POSSIBLE DUE TO REGION 861.

II. THE GEOMAGNETIC FIELD WAS ACTIVE AND OCCASIONALLY REACHED MINOR STORM LEVELS DURING THE PAST 24 HOURS. SIMILAR CONDITIONS ARE EXPECTED DURING THE NEXT 24 HOURS, WITH THE FIELD BECOMING ACTIVE TO UNSETLED ON 11 AND 12 AUGUST.

III. EVENT PROBABILITIES 10 AUGUST - 12 AUGUST

CLASS M	30/30/30
CLASS X	05/05/05
PROTON	01/03/05
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	09 AUGUST 84
PREDICTED	10-12 AUGUST 84/84/84
90-DAY MEAN	09 AUGUST 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	08 AUGUST 17
ESTIMATED AFR/AP	09 AUGUST 18/22
PREDICTED AFR/AP	10-12 AUGUST 18/20 - 12/15 - 12/12
SOLTERWARN	

BT