

HFUS I BOU 250450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 268A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 25 SEPTEMBER 1975

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 7 HOURS,  
AND NO ENERGETIC ACTIVITY HAS BEEN REPORTED. THE SOLAR DISK AND  
LIMBS ARE RELATIVELY UNIMPRESSIVE.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO CONTINUE  
THROUGH THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS REMAINED QUIET DURING THE PAST  
SEVEN HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED TO BEGIN  
DURING THE NEXT 36 HOURS DUE TO A RECURRENT DISTURBANCE.

III. EVENT PROBABILITIES 25 SEPTEMBER - 27 SEPTEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 SEPTEMBER 76

PREDICTED 25-27 SEPTEMBER 79/81/82

90-DAY MEAN 24 SEPTEMBER 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 SEPTEMBER 02

ESTIMATED AFR/AP 24 SEPTEMBER 02/03

PREDICTED AFR/AP 25-27 SEPTEMBER 10/10 - 14/19 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 251430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 268B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 25 SEP 1975

IA. SOLAR ACTIVITY HAS REMAINED EXTREMELY QUIET. FAINT PLAGE  
AT EAST LIMB INDICATES FURTHER DECAY HAS OCCURRED IN OLD REGIONS  
OBSERVED LAST MONTH.

IB. ACTIVITY LEVELS WILL REMAIN AT MINIMUM.

II. THE GEOMAGNETIC FIELD HAS BEEN EXTREMELY QUIET. RECURRENCE  
FROM 27 DAYS AGO PREDICTS A MINOR DISTURBANCE LATE TODAY BUT THERE  
IS A STRONG PROBABILITY IT WILL NOT OCCUR. THE SOLAR CORONA  
APPEARS TO HAVE RESTRUCTURED TO A CLOSED CONFIGURATION AT THE  
SOURCE LONGITUDE FOR THE EXPECTED SOLAR WIND STREAM.

III. EVENT PROBABILITIES 25 - 27 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 SEPTEMBER 76

PREDICTED 25 - 27 SEPTEMBER 79/81/82

90-DAY MEAN 24 SEPTEMBER 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 SEPTEMBER 02

ESTIMATED AFR/AP 24 SEPTEMBER 02/03

PREDCITED AFR/AP 25 - 27 SEPTEMBER 07/07 - 14/19 - 10/10

SOLTERWARN

BT

GEOALERT WWA268 250300

91224 10000 20760 30020 40090

42208 00000

80625 77773 42208 QUIET

SOLQUIET MAGALERT MINOR 25/26

FIN

SOLTERWARN

HFUS 1 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 268

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 25 SEP 1975

IA. SOLAR ACTIVITY HAS REMAINED EXTREMELY LOW. MINOR PLAGE  
FLUCTUATIONS HAVE BEEN OBSERVED IN REGION 651 (N06W37) WHICH HAS  
GROWN SLIGHTLY BUT WHICH IS STILL SPOTLESS. A SMALL SUNSPOT WAS  
OBSERVED FOR PART OF THE DAY IN REGION 656 (N03E17) WHICH HAS A  
LARGE FAINT PLAGE. THIS REGION IS ON ITS THIRD DISK TRANSIT.

IB. SOLAR ACTIVITY WILL CONTINUE AT MINIMAL LEVELS. NO MAJOR  
GROWTH OF REGIONS PRESENTLY VISIBLE IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN EXTREMELY QUIET ALL DAY. RE-  
CURRENCE PREDICTS A MINOR DISTURBANCE TOMORROW. SOLAR STRUCTURE  
AT THE ESTIMATED SOURCE LONGITUDE FOR THE SOLAR WIND SUGGESTS  
CLOSED MAGNETIC FIELDS AND POSSIBLE QUIET GEOMAGNETIC CONDITIONS  
THROUGHOUT THIS PERIOD.

III. EVENT PROBABILITIES 26 - 28 SEPT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

OTTAWA 10.7 CM FLUX

OBSERVED 25 SEP 76

PREDICTED 26 - 28 SEP 77/77/77

90-DAY MEAN 25 SEP 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 SEP 02

ESTIMATED AFR/AP 25 SEP 04/04

PREDICTED AFR/AP 26 - 28 SEP 14/19 - 10/10 - 06/06

SOLTERWARN

BT