

HFUS 1 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 235

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 23 AUGUST 1975

IA. SOLAR ACTIVITY HAS DECLINED FROM A MODERATE TO A VERY LOW LEVEL OVER THE PAST 24 HOURS. RGN 626 THE SOURCE OF THIS WEEKS ACTIVITY IS NOW 36 HOURS BEHIND THE WEST LIMB AND THE LAST SIGNIFICANT EVENT REPORTED FROM THIS RGN WAS A M1 FLARE AT 22/2224Z. ONLY MINOR SURGING HAS BEEN REPORTED SINCE. WITH THE WEST LIMB TRANSIT OF RGN 626 THE SOLAR DISK CONTAINS ONLY SMALL UNIMPRESSIVE REGIONS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL. THE RETURN OF ACTIVE RGNS 617, 618 AND 619 LATE IN THE FORECAST PERIOD MAY BRING AN INCREASE IN ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO QUIET THE PAST 24 HOURS AND IS EXPECTED TO BE UNSETTLED TO QUIET DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 24 AUGUST - 26 AUGUST

CLASS M 02/01/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 AUG 75

PREDICTED 24 AUG - 26 AUG 74/74/77

90-DAY MEAN 23 AUG 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 AUG 14

ESTIMATED AFR/AP 23 AUG 10/15

PREDICTED AFR/AP 24 AUG - 26 AUG 08/10 - 05/07 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 231430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 235B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 23 AUGUST 1975

IA. SOLAR ACTIVITY HAS DECLINED TO A LOW LEVEL DURING THE PAST 8 HOURS AS ACTIVE RGN 626 ROTATES FARTHER BEHIND THE WEST LIMB. NO CLASS M FLARES HAVE OCCURRED SINCE THE M1 EVENT AT 22/2224Z. REGIONS 628 (N07W02) AND 629 (N09W45) CONTINUE TO SLOWLY DEVELOPE BUT NO ENERGETIC ACTIVITY HAS BEEN REPORTED.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE DECLINING TO A LOW LEVEL DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO BE ACTIVE TO UNSETTLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 23-25 AUG  
CLASS M 50/20/10  
CLASS X 10/05/01  
PROTON 10/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX  
OBSERVED 22 AUG 77  
PREDICTED 23-25 AUG 75/74/74  
90-DAY MEAN 22 AUG 79

V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 21 AUG 14  
ESTIMATED AFR/AP 22 AUG 14/17  
PREDICTED AFR/AP 23-25 AUG 17/15 - 12/15 - 07/07  
SOLTERWARN  
BT

HFUS 1 BOU 230500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 235A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 23 AUG 1975

IA. SOLAR ACTIVITY HAS BEEN MODERATE AS REGION 626 (N27W90) DISAPPEARS BEHIND THE WEST LIMB. DURING THE LAST 8 HOURS REGION 626 HAS PRODUCED ONE CLASS M1 (1B) FLARE AT 2227Z, WITH POSSIBLE LOOP PROMINENCE STRUCTURE. NO SIGNIFICANT PROTON EVENTS HAVE BEEN OBSERVED. REGIONS 628 (N07E09) AND 629 (N09W38) SHOW SLOW DEVELOPMENT AND TWO SPOTS ARE NOW VISIBLE IN 629.

IB. SOLAR ACTIVITY SHOULD DECLINE AS REGION 626 ROTATES BEHIND THE DISK.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE AND IS EXPECTED TO BE ACTIVE THROUGH 23 AUG.

III. EVENT PROBABILITIES 23 - 25 AUGUST

CLASS M                    50/20/10

CLASS X                    10/05/01

PROTON                    10/01/01

PCAF                      GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED                  22 AUG 77

PREDICTED                 23 - 25 AUG 75/74/74

90-DAY MEAN               22 AUG 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 AUG 14

ESTIMATED AFR/AP        22 AUG 14/17

PREDICTED AFR/AP        23 - 25 AUG 20/25 - 12/15 - 07/07

SOLTERWARN

BT