

HFUS 1 BOU 250450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 237A

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

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. NO SIGNIFICANT ACTIVITY HAS  
BEEN OBSERVED DURING THE PAST 8 HOURS.

IB. ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED.  
QUIET CONDITIONS ARE EXPECTED UNTIL THE LATTER PORTION OF THE FORE-  
CAST PERIOD.

III. EVENT PROBABILITIES 25 AUGUST - 27 AUGUST

CLASS M 01/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 AUG 75

PREDICTED 25 AUG - 27 AUG 73/71/70

90-DAY MEAN 24 AUG 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 AUG 09

ESTIMATED AFR/AP 24 AUG 05/07

PREDICTED AFR/AP 25 AUG - 27 AUG 04/06 - 05/07 - 07/09

SOLTERWARN

BT

HFUS 1 BOU 251430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 237B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 25 AUGUST 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 630 (NEAR S12W08)  
HAS EMERGED RAPIDLY DURING THE PAST 12 HOURS. IT NOW CONTAINS  
A C-TYPE SUNSPOT GROUP. SOME WEAK STRUCTURE IS RETURNING  
NEAR NE05, MARKING THE RETURN OF THE OLD COMPLEX OF REGIONS  
617/618/620.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW BUT COULD INCREASE  
QUICKLY WITH GENERATION OF ACTIVITY IN REGION 630.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED. SLIGHTLY  
UNSETTLED TO QUIET CONDITIONS ARE EXPECTED TO CONTINUE DURING  
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 25-27 AUG  
CLASS M 05/10/10  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 AUG 75  
PREDICTED 25 - 27 AUG 77/80/82  
90-DAY MEAN 24 AUG 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 AUG 09  
ESTIMATED AFR/AP 24 AUG 05/08  
PREDICTED AFR/AP 25 - 27 AUG 08/10 - 05/07 - 07/09  
SOLTERWARN

BT

GEOALERT WWA237 250300

91224 10140 20750 30050 49890

42910 02000

80625 77774 42910 QUIET

SOLQUIET MAGQUIET

FIN

SOLTERWARN

\*HFUS 1 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 237

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

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. REGION 630 (S13W14)  
HAS EMERGED DURING THE PAST 24 HOURS. THE REGION HAS A BETA  
GAMMA CONFIGURATION WITH ARCH FILAMENTS AND FREQUENT POINT  
BRIGHTENING, INDICATING CONTINUED GROWTH. REGION 631 (N02E77)  
IS SMALL AND WEAK. AT 1837Z AN IMP2 BSL NEAR NE05 WAS ACCOM-  
PANIED BY A NON-ENERGETIC X-RAY BURST AND DEKAMETRIC TYPE III  
BURST. NON-ENERGETIC X-RAY BURSTS HAVE BEEN OCCURRING WITH INCREASING  
FREQUENCY. A SMALL REGION NEAR N36W68 MAY BE NEW CYCLE.

IB. SOLAR ACTIVITY MAY ATTAIN MODERATE LEVELS DURING THE NEXT  
24 HOURS WITH CONTINUED GROWTH OF REGION 630 AND THE APPARENT  
IMMINENT TRANSIT OF EAST LIMB OF A REGION.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. SLIGHTLY UNSETTLED  
CONDITIONS ARE EXPECTED FOR ABOUT 24 HOURS WITH THE FIELD BECOMING  
PROGRESSIVELY MORE UNSETTLED FOR THE BALANCE OF THE FORECAST  
PERIOD.

III. EVENT PROBABILITIES 26 - 28 AUG

CLASS M 25/25/25

CLASS X 03/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 AUG 79

PREDICTED 26 - 28 AUG 84/89/93

90-DAY MEAN 25 AUG 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 AUG 06

ESTIMATED AFR/AP 25 AUG 09/11

PREDICTED AFR/AP 26 - 28 AUG 05/07 - 07/09 - 12/13

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