

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 UNSETLED.
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 UNSETLED. SLIGHTLY
UNSETLED 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
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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 ACCOMPANIED 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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