

HFUS 1 BOU 060450  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 218A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 06 AUGUST 1975

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST EIGHT HOURS WITH  
THE ONLY ENERGETIC ACTIVITY BEING A TYPE I NOISE STORM OCCURRING  
BETWEEN 05/2300 - 06/0200Z. THE BACKGROUND XRAY FLUX CONTINUES TO  
DECLINE, BUT NO SIGNIFICANT STRUCTURAL CHANGES HAVE BEEN REPORTED  
IN ACTIVE RGNS 618, 617 (N07W17) AND 619 (N06E39).

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE DURING THE  
FORECAST PERIOD.

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

III. EVENT PROBABILITIES 06 AUGUST - 08 AUGUST

CLASS M 70/65/60

CLASS X 10/15/10

PROTON 05/07/10

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 AUG 105

PREDICTED 06 AUG - 08 AUG 105/104/104

90-DAY MEAN 05 AUG 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 AUG 06

ESTIMATED AFR/AP 05 AUG 24/39

PREDICTED AFR/AP 06 AUG - 08 AUG 20/28 - 17/25 - 11/15

SOLTERWARN

BT

HFUS 1 BOU 061430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 218B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 06 AUGUST 1975

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 16 HOURS. CONTINUOUS FLUCTUATIONS IN REGION 617/618 (N07W20) HAVE PRODUCED A CONTINUOUS X-RAY BACKGROUND AT THE C-CLASS LEVEL WITH NUMEROUS PEAKS BETWEEN C1 AND C3. LEADER SPOTS IN 617/618 HAVE MERGED INTO A SINGLE PENUMBRA. REGION 620 (N09W12) HAS SHOWN CONSIDERABLE GROWTH BUT LITTLE ACTIVITY. REGION 619 (N06E34) HAS SHOWN LITTLE CHANGE WITH ONLY OCCASIONAL POINT FLUCTUATIONS OBSERVED.

IB. SOLAR ACTIVITY IS EXPECTED TO BE MODERATE DURING THE FORECAST PERIOD. RECENT ACTIVITY IN REGION 617/618 INDICATES AN INCREASING POTENTIAL FOR MAJOR FLARE ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED. LITTLE CHANGE IS EXPECTED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 06-08 AUGUST

CLASS M 70/65/60  
CLASS X 10/15/10  
PROTON 05/07/10  
PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX  
OBSERVED 05 AUG 105  
PREDICTED 06-08 AUG 105/104/104  
90-DAY MEAN 05 AUG 74

V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 04 AUG 06  
ESTIMATED AFR/AP 05 AUG 20/39  
PREDICTED AFR/AP 06-08 AUG 15/20 - 13/17 - 11/15  
SOLTERWARN  
BT

GEOALERT WWA218 060300  
91205 11270 21050 30200 40010  
41005 02000 41407 01000 14206 03000  
40409 00000  
80606 77772 41005 QUIET 41407 ERUPTIVE  
14206 ERUPTIVE 40409 QUIET  
SOLALERT 06/08 MAGALERT 06/07  
FIN  
SOLTERWARN

HFUS 1 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 218 04

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 07 AUG 1975

IA. SOLAR ACTIVITY HAS INCREASED FROM LOW TO MODERATE DURING THE LAST 24 HOURS. LEADER SPOTS IN REGIONS 617/618 (N06W22) MERGED INTO A COMMON PENUMBRA RESULTING IN A CONSIDERABLE INCREASE IN ACTIVITY. A TOTAL OF SIX FLARES WERE OBSERVED RANGING FROM SUB-FAINT TO SUB-BRIGHT. THE INCREASE WAS ACCCOMPANIED BY AN X-RAY BACKGROUND AT THE C-LEVEL WITH NUMEROUS PEAKS FROM C1 TO C5. THIS REGION APPEARS TO BE BUILDING TOWARD A LARGE FLARE. HOWEVER THE CONTINUOUS ACTIVITY TODAY MAY BLEED OFF ENOUGH ENERGY TO PREVENT MAJOR ACTIVITY. REGION 620 (N09W16) HAS SHOWN STEADY GROWTH DURING THE LAST 24 HOURS AND PRODUCED ONE SUB-FAINT FLARE. THE ASSOCIATION WITH REGION 617/618 COULD PRODUCE SOME ACTIVITY IN THIS REGION. REGION 619 (N05E31) HAS BEEN INACTIVE WITH ONLY OCCASIONAL FLUCTUATIONS. A TYPE IV NOISE STORM WAS IN PROGRESS ALL DAY. STARTING TIME IS UNKNOWN BUT IT MAY HAVE BEEN IN PROGRESS ALL NIGHT.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN MODERATE WITH A POSSIBILITY OF A MAJOR EVENT IF REGION 617/618 DOESNT COLLAPSE FROM REPEATED SMALL EVENTS. REGION 620 MAY PRODUCE OCCASIONAL FLARE ACTIVITY BUT PROBABLY NOT AT THE M-CLASS LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO QUIET AND IS EXPECTED TO REMAIN SO THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 07 AUG-09 AUG

CLASS M	75/60/40
CLASS X	15/10/05
PROTON	07/10/05
PCAF	YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED	06 AUG 125
PREDICTED	07 AUG-09 AUG 110/105/103
90-DAY MEAN	06 AUG 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	05 AUG 24
ESTIMATED AFR/AP	06 AUG 07/15
PREDICTED AFR/AP	07-09 AUG 15/17 - 10/12 - 09/14
SOLTERWARN	
BT	