

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 UNSETTLED. 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 06

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 ACCOMPANIED 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 UNSETTLED 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

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