

HFUS 1 BOU 070500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 219A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 07 AUG 1975

IA. SOLAR ACTIVITY HAS INCREASED THE PAST 7 HOURS. CLASS M1,
IMPORTANCE 1 FLARES OCCURRED AT 07/0130Z AND 07/0255Z IN THE
REGION 617/618 COMPLEX (N06W25).

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE TO BE MODERATE WITH
A CHANCE OF MAJOR ACTIVITY FROM REGION 617/618.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO
BE QUIET TO UNSETTLED UNTIL 09 AUG.

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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HXUS BOU 071430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 219B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 07 AUG 1975

IA. SOLAR ACTIVITY HAS BEEN MODERATE DURING THE PAST 16 HOURS.
FOUR FLARES RANGING FROM SUB-NORMAL TO ONE-BRIGHT WERE OBSERVED,
ALL FROM REGION 617/618 (N06W32). X-RAY BACKGROUND HAS BEEN AT
THE C-CLASS LEVEL WITH NUMEROUS PEAKS RANGING FROM C1 TO M1.
THE NUMBER OF FLARES IN REGION 617/618 HAS BEEN NEARLY CONSTANT
BUT HAVE BEEN INCREASINGLY ENERGETIC. REGIONS 619 (N05E27) AND
620 (N09W26) CONTINUE TO DISPLAY LITTLE ACTIVITY OTHER THAN
OCCASIONAL FLUCTUATIONS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN MODERATE FOR AT LEAST
THE NEXT 24 HOURS. FREQUENT C-CLASS FLARES ARE EXPECTED WITH
OCCASIONAL M-CLASS. X-CLASS FLARE POTENTIAL STILL EXISTS BUT MAY
BE REDUCED BY CONTINUOUS LOWER LEVEL ACTIVITY.

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

III. EVENT PROBABILITIES 07 - 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 - 09 AUG 110/115/103

90-DAY MEAN 06 AUG 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 AUG 04/07

ESTIMATED AFR/AP 07 AUG 04/02

PREDICTED AFR/AP 07 - 09 AUG 08/07 - 12/14 - 10/12

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42707 12000 12805 00000

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SOLALERT 07/08

MAGALERT 07/08

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SOLTERWARN

HFUS 1 BOU 072200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 219
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 07 AUGUST 1975

IA. SOLAR ACTIVITY HAS BEEN MODERATE THE PAST 24 HOURS. REGION 617/618 (N07W34) REMAINS THE MOST ACTIVE PRODUCING A TOTAL OF 13 FLARES RANGING UP TO 1B. X-RAY BACKGROUND REMAINS AT THE C-CLASS LEVEL WITH NUMEROUS PEAKS INCLUDING 4 CLASS M1 EVENTS. REGIONS 619 (N07E20) AND 620 (N09W30) CONTINUE TO BE QUIET WITH ONLY OCCASIONAL FLUCTUATIONS. A TYPE I NOISE STORM HAS BEEN IN PROGRESS FOR THE PAST 24 HOURS BUT IS WEAKENING.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN MODERATE WITH DECREASING ACTIVITY DURING THE LATER PART OF THE FORECAST PERIOD. MAJOR FLARE POTENTIAL SHOULD DECREASE SINCE THE RECENT ACTIVITY SHOULD HAVE DRAINED CONSIDERABLE ENERGY FROM THE 617/618 REGION.

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

III. EVENT PROBABILITIES 08 AUG-10 AUG
CLASS M 75/55/35
CLASS X 10/05/05
PROTON 05/07/05
PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX
OBSERVED 07 AUG 120
PREDICTED 08 AUG-10 AUG 120/118/118
90-DAY MEAN 07 AUG 75

V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 06 AUG 07
ESTIMATED AFR/AP 07 AUG 06/08
PREDICTED AFR/AP 08 AUG-10 AUG 07/08 - 12/14 - 10/12
SOLTERWARN
BT