

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

BT

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 UNSETTLED 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

SOLTERWARN

BT

GEOALERT WWA 218 070300
91206 11760 21251 30090 40970
42707 12000 12805 00000
80607 77773 42707 ERUPTIVE 12805 ERUPTIVE
SOLALERT 07/08
MAGALERT 07/08
FIN
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