

HFUS 1 BOU 050450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 217A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 05 AUGUST 1975

IA. SOLAR ACTIVITY HAS BEEN LOW. THE X-RAY BACKGROUND HAS DECREASED
TO ABOUT ONE-HALF ITS LEVEL 24 HOURS AGO.

IB. ACTIVITY IS EXPECTED TO BE LOW TO MODERATE. CLASS C FLARES ARE
PROBABLE WITH SOME CHANCE OF OCCASIONAL CLASS M FLARES.

II. THE GEOMAGNETIC FIELD HAS BECOME UNSETLED THE PAST 4 HOURS. IT
IS EXPECTED TO BE UNSETLED TO ACTIVE THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 05 AUGUST - 07 AUGUST

CLASS M 70/65/60

CLASS X 10/15/10

PROTON 03/05/07

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 AUG 102

PREDICTED 05 AUG - 07 AUG 103/104/103

90-DAY MEAN 04 AUG 73

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 AUG 04

ESTIMATED AFR/AP 04 AUG 07/06

PREDICTED AFR/AP 05 AUG - 07 AUG 25/31 - 23/28 - 17/25

SOLTERWARN

BT

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HFUS 1 BOU 051430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 217B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 05 AUGUST 1975

IA. SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 16 HOURS. ONLY
ONE C-CLASS SUB-NORMAL FLARE WAS NOTED. BOTH ACTIVE REGIONS
617/618/620 (N06W03) AND 619 (N08E49) HAVE BEEN PROVEN X-RAY
PRODUCERS AND CONTAIN DELTA CONFIGURATIONS, THUS FLARE POTENTIAL
WILL REMAIN HIGH.

IB. ACTIVITY IS EXPECTED TO BE LOW TO MODERATE WITH A GOOD CHANCE
OF C-CLASS FLARES AND SOME CHANCE OF AN OCCASIONAL M-CLASS FLARE.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE THE PAST 16 HOURS. IT
IS EXPECTED TO BE UNSETTLED TO ACTIVE DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 05 - 07 AUGUST

CLASS M 70/65/60

CLASS X 10/15/10

PROTON 03/05/07

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 AUG 102

PREDICTED 05 - 07 AUG 103/104/103

90-DAY MEAN 04 AUG 73

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 AUG 04

ESTIMATED AFR/AP 04 AUG 07/06

PREDICTED AFR/AP 05 - 07 AUG 25/35 - 23/28 - 17/25

SOLTERWARN

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GEOALERT WWA217 050300

91204 11921 21020 30040 41000

10106 02000 15808 03000

80605 77773 10106 ERUPTIVE 15808 ERUPTIVE

SOLALERT 05/06 MAGALERT 05/07

FIN

SOLTERWARN

HFUS 1 BOU 052220
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 217
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 05 AUGUST 1975

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS. ONE C-CLASS SUB NORMAL FLARE WAS OBSERVED IN REGION 619 (N06E43) AT 0151Z AND AN ENHANCEMENT IN 618 (N07W13) AND 620 (N09W03) ELEVATED X-RAYS TO THE C3 LEVEL AT 2025Z. SOME GROWTH HAS BEEN NOTED IN BOTH 619 AND 620. BOTH ACTIVE REGIONS APPEAR DORMANT BUT SEEM TO BE INCREASING IN FLARE POTENTIAL RATHER THAN STABILIZING.

IB. ACTIVITY IS EXPECTED TO CONTINUE LOW TO MODERATE WITH INCREASING POTENTIAL FOR MODERATE ACTIVITY. THERE IS A HIGH PROBABILITY OF C-CLASS FLARES AND SOME CHANCE OF AN M-CLASS FLARE.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 24 HOURS BUT HAS SETTLED OUT IN THE LAST 4 HOURS. ACTIVITY IS EXPECTED TO INCREASE AGAIN DURING THE NEXT 24 HOURS.

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 20/38
PREDICTED AFR/AP	06 AUG - 08 AUG 23/28 - 17/25 - 11/15
SOLTERWARN	
BT	