

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 UNSETTLED THE PAST 4 HOURS. IT
IS EXPECTED TO BE UNSETTLED 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 IN-
CREASING IN FLARE POTENTIAL RATHER THAN STABILIZING.

IB. ACTIVITY IS EXPECTED TO CONTINUE LOW TO MODERATE WITH IN-
CREASING POTENTIAL FOR MODERATE ACTIVITY. THERE IS A HIGH PROB-
ABILITY 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 IN-
CREASE 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

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