

HFUS 1 BOU 110450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 223A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 11 AUGUST 1975

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST SIX HOURS. ONLY
ONE SMALL C-CLASS EVENT HAS BEEN REPORTED. REGION 618 (N05W77)
AND REGION 619 (N07W23) EACH PRODUCED HALF A DOZEN FLARES DURING
THE PAST UT DAY. BOTH REGIONS PRODUCED A SMALL M-CLASS X-RAY EVENT
DURING THAT TIME.

IB. SOLAR ACTIVITY IS EXPECTED TO BE MODERATE TO LOW DURING THE
FORECAST PERIOD. BOTH REGION 618 AND REGION 619 COMPLEXES ARE
CAPABLE OF FURTHER MODERATE LEVEL (M-CLASS) EVENTS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 6 HOURS
AFTER BEING ACTIVE EARLY IN THE UT DAY. THE FIELD IS EXPECTED TO BE
GENERALLY UNSETTLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 11 AUGUST - 13 AUGUST

CLASS M 65/55/50

CLASS X 05/05/05

PROTON 10/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 AUG 113

PREDICTED 11 AUG - 13 AUG 103/98/90

90-DAY MEAN 10 AUG 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 AUG 16

ESTIMATED AFR/AP 10 AUG 19/34

PREDICTED AFR/AP 11 AUG - 13 AUG 15/16 - 13/13 - 11/11

SOLTERWARN

BT

HFUS 1 BOU 111430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 223B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 11 AUG 1975

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST SIX HOURS. REGION COMPLEX 617/618 IS MAKING A VERY QUIET WEST LIMB TRANSIT THUS FAR. REGION 619 (N07W28) HAS NOT CHANGED MUCH DURING THE PAST SIX HOURS AS IT REMAINS COMPLEX AND THREATENING IN APPEARANCE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE SPORADIC DURING THE NEXT THREE DAYS. OCCASIONAL FLURRIES OF CLASS C FLARES ARE EXPECTED WITH ISOLATED SMALL CLASS M FLARES.

II. THE GEOMAGNETIC FIELD IS UNSETLED. GENERALLY UNSETLED CONDITIONS ARE EXPECTED FOR THE DURATION OF THE PERIOD.

III. EVENT PROBABILITIES 11-13 AUGUST

CLASS M 65/55/50

CLASS X 05/05/05

PROTON 10/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 AUG 113

PREDICTED 11-13 AUG 103/98/90

90-DAY MEAN 10 AUG 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 AUG 16

ESTIMATED AFR/AP 10 AUG 19/34

PREDICTED AFR/AP 11-13 AUG 15/16 - 13/13 - 11/11

SOLTERWARN

BT

HFUS 1 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 223

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 11 AUGUST 1975

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. ONLY THE TRAILER SPOTS OF REGION COMPLEX 617/618 REMAINS VISIBLE AS IT NEARS COMPLETION OF WEST LIMB PASSAGE. REGION 619 (N10W35) SHOWS DEFINITE SIGNS OF DECAY AS THE SPOT GROUP BECOMES INCREASINGLY FRAGMENTED. MT WILSON CONTINUES TO REPORT MIXED MAGNETIC POLARITIES BUT NO DELTA CONFIGURATION. THE H-ALPHA PLAGUE IS MORE STRATIFIED THAN YESTERDAY ALTHOUGH IT RETAINS ITS CENTRAL BRIGHTNESS. FLUX LEVELS IN BOTH X-RAY AND RADIO BACKGROUND HAVE SHOWN A SIGNIFICANT DECREASE.

IB. SOLAR ACTIVITY WILL CONTINUE TO DECLINE BUT C CLASS FLARES WITH AN OCCASIONAL M CLASS CAN BE EXPECTED.

II. THE GEOMAGNETIC FIELD IS QUIET TO UNSETTLED AND NO CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 12 AUGUST - 14 AUGUST

CLASS M 50/40/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 AUG 104

PREDICTED 12 AUG - 14 AUG 100/96/94

90-DAY MEAN 11 AUG 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 AUG 17

ESTIMATED AFR/AP 11 AUG 10/10

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

SOLTERWARN

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