

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 THREAT-
ENING 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 UNSETTLED. GENERALLY UNSETTLED
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 PLAGE
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

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