

HFUS I BOU 020430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 246A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 02 SEPTEMBER 1976

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. REGION 734
(N18W70) APPEARS TO BE MAINTAINING ITS POTENTIAL PRODUCING A
SUB NORMAL FLARE AT 2240Z. SEVERAL SUB C-CLASS X-RAY EVENTS AND
ONE C-5 EVENT HAVE BEEN NOTED.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE TO A LOW LEVEL WITH
ISOLATED M-CLASS X-RAY EVENTS POSSIBLE FROM REGION 734.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE PAST 8 HOURS.
THE FIELD IS EXPECTED TO BE GENERALLY UNSETTLED THROUGH
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 02 SEPTEMBER - 04 SEPTEMBER

CLASS M 25/50/40

CLASS X 01/02/02

PROTON 01/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 SEPTEMBER 75

PREDICTED 02-04 SEPTEMBER 78/78/77

90-DAY MEAN 01 SEPTEMBER 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 AUGUST 07

ESTIMATED AFR/AP 01 SEPTEMBER 08/11

PREDICTED AFR/AP 02-04 SEPTEMBER 08/12 - 08/12 - 08/12

SOLTERWARN

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HFUS 1 BOU 021430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 246-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 02 SEPTEMBER 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 734 (N18W75)
PRODUCED A SN/C4 FLARE AT 01/2240Z. A MINOR 2700 MHZ BURST WAS
ASSOCIATED WITH THE FLARE. REGION 733 (N17E17) REMAIN STABLE.

IB. REGION 734 HAS THE POTENTIAL TO CONTINUE PRODUCING CLASS
C X-RAY EVENTS WITH A CHANCE FOR A CLASS M EVENT.

II. THE GEOMAGNETIC FIELD WAS IN A STORM CONFIGURATION 05-11Z
THIS ZULU DAY. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED FOR
THE BALANCE OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 02 SEPTEMBER - 04 SEPTEMBER

CLASS M 25/50/40

CLASS X 01/02/02

PROTON 01/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 SEPTEMBER 75

PREDICTED 02-04 SEPTEMBER 78/78/77

90-DAY MEAN 01 SEPTEMBER 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 AUGUST 07

ESTIMATED AFR/AP 01 SEPTEMBER 08/11

PREDICTED AFR/AP 02-04 SEPTEMBER 08/12 - 08/12 - 08/12

SOLTERWARN

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HFUS 1 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 246

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 02 SEP 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. A SN/C4 FLARE AT 01/2240Z
OCCURRING IN REGION 734 (N18W80) WAS THE LAST SIGNIFICANT ACTIVITY.
REGION 734 APPEARS TO HAVE SIMPLIFIED AND DECAYED SLIGHTLY SINCE
THE FLARE. REGION 733 (N17E13) REMAINS STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW WITH 1-3 CLASS
C X-RAY EVENTS POSSIBLE DURING THE FORECAST PERIOD. THERE IS
A SLIGHT CHANCE FOR A CLASS M EVENT AS REGION 734 TRANSITS WEST
LIMB.

II. THE GEOMAGNETIC FIELD AT BOULDER WAS IN STORM CONFIGURATION
05-11Z AND UNSETTLED TO ACTIVE THE BALANCE OF THE DAY. THE FIELD IS
EXPECTED TO BE GENERALLY UNSETTLED, WITH PERIODS OF ACTIVE CONDITIONS
DURING LOCAL NIGHT TIME, FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 03 - 05 SEP

CLASS M 10/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 SEP 74

PREDICTED 03 - 05 SEP 73/71/71

90-DAY MEAN 02 SEP 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 SEP 10

ESTIMATED AFR/AP 02 SEP 20/22

PREDICTED AFR/AP 03 - 05 SEP 10/12 - 12/12 - 15/15

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