

HFUS 1 BOU 020600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 033A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 02 FEBRUARY 1977

IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL WITH ONLY REGION 779  
(N26E40) VISIBLE AT THIS TIME. THIS REGION HAS SHOWN SOME DEVELOPMENT  
AND GROWTH. SEVERAL SMALL FLARES HAVE BEEN OBSERVED IN REGION  
779. XRAY EVENTS OBSERVED HAVE BEEN CLASS C EVENTS.

IB. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVELS. SMALL FLARES  
AND CLASS C X-RAY EVENTS.

II. THE GEOMAGNETIC FIELD HAS BEEN RELATIVELY QUIET UNTIL  
ABOUT 02/0400Z AT WHICH TIME THE FIELD BECAME ACTIVE. A K OF 5  
WAS OBSERVED AT THIS STATION. NO STORM IS EXPECTED WITH THIS  
DISTURBANCE AND IT IS EXPECTED THE FIELD WILL BE UNSETTLED DURING  
THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 02 FEBRUARY-04 FEBRUARY

CLASS M 20/25/25

CLASS X 01/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 FEBRUARY 85

PREDICTED 02-04 FEBRUARY 86/87/88

90-DAY MEAN 01 FEBRUARY 76

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 JANUARY 14

ESTIMATED AFR/AP 01 FEBRUARY 05/05

PREDICTED AFR/AP 02-04 FEBRUARY 07/07 - 07/08 - 07/08

SOLTERWARN

BT

HFUS 1 BOU 021500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 033-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 02 FEB 1977

IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL WITH ONLY REGION  
779 (N26E44) VISIBLE AT THIS TIME. THIS REGION HAS SHOWN SOME  
DEVELOPMENT AND GROWTH. SEVERAL SMALL FLARES HAVE BEEN OBSERVED  
IN REGION 779. AT 1250Z THERE OCCURED A C2 X-RAY EVENT.

IB. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVELS WITH SMALL  
FLARES AND CLASS C X-RAY EVENTS.

II. THE GEOMAGNETIC FIELD HAS BEEN RELATIVELY QUIET UNTIL ABOUT  
02/0400Z AT WHICH TIME THE FIELD BECAME ACTIVE. A K OF 5 WAS  
OBSERVED AT THIS STATION. NO STORM IS EXPECTED WITH THIS DIS-  
TURBANCE. THE FIELD WILL BE UNSETTLED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 02 - 04 FEB 1977

CLASS M 20/25/25

CLASS X 01/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 FEB 85

PREDICTED 02 - 04 FEB 86/87/88

90-DAY MEAN 01 FEB 76

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 JAN 14

ESTIMATED AFR/AP 01 FEB 05/05

PREDICTED AFR/AP 02 - 04 FEB 07/15 - 07/10 - 07/10

SOLTERWARN

BT

HFUS 1 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 033

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z FEB 1977

IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL WITH ONLY REGION  
779 (N26E27) VISIBLE AT THIS TIME. SLOW CONTINUED GROWTH HAS BEEN  
REPORTED FOR THIS REGION. SEVERAL FLARES WERE OBSERVED BETWEEN 0130Z  
AND 0630Z. SOME MINOR X-RAY EVENTS HAVE BEEN NOTED SINCE THEN.

IB. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVELS. CONTINUED C-  
CLASS X-RAY EVENTS ARE EXPECTED FROM REGION 779. OCCASIONAL SMALL  
FLARES ARE ALSO POSSIBLE.

II. THE GEOMAGNETIC FIELD WAS ACTIVE AT ABOUT 0400Z WHEN A K OF  
5 WAS OBSERVED. SINCE THEN THE FIELD HAS QUIETED CONSIDERABLY.  
THE FIELD WILL BE SLIGHTLY UNSETTLED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 03 - 05 FEB 1977

CLASS M 25/25/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 FEB 85

PREDICTED 03 - 05 FEB 85/86/86

90-DAY MEAN 02 FEB 76

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 FEB 08

ESTIMATED AFR/AP 02 FEB 10/15

PREDICTED AFR/AP 03 - 05 FEB 07/08 - 07/08 - 07/05

SOLTERWARN

BT