

HFUS 1 BOU 310530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 031A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 31 JANUARY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. REGION 778  
(S06E27) APPEARS TO NO LONGER HAVE SPOTS. NEW REGION 779 (N27E68)  
HAS BEEN REPORTED WITH THREE SPOTS. THE REGION APPEARS TO BE  
GENERALLY QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD CONTINUES TO BE ACTIVE. UNSETTLED TO  
ACTIVE CONDITIONS ARE EXPECTED THROUGH THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 31 JANUARY - 02 FEBRUARY

CLASS M            01/01/01

CLASS X            01/01/01

PROTON            01/01/01

PCAF              GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED          30 JANUARY 79

PREDICTED         31 JANUARY - 02 FEBRUARY 79/79/79

90-DAY MEAN       30 JANUARY 76

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 JANUARY 12

ESTIMATED AFR/AP    30 JANUARY 22/28

PREDICTED AFR/AP    31 JANUARY - 02 FEBRUARY 14/20 - 08/08 - 05/05

SOLTERWARN

BT

HFUS 1 BOU 311500

FROMSPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 031B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 31 JAN 1977.

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. REGION 779  
(N28E55) CONTAINS A C-TYPE SPOT GROUP AND PRODUCED A C-3  
FLARE AT 0620Z. ANOTHER REGION MAY BE PRESENT BETWEEN 779 AND  
THE EAST LIMB. PROMINENCE ON THE EAST LIMB NEAR N40 HAS BEEN  
REPORTED ACTIVE.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT VERY LOW LEVELS WITH  
INFREQUENT C-CLASS X-RAY EVENTS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE THE PAST 24 HOURS.  
EXPECT ACTIVE CONDITIONS TO DECREASE TO GENERALLY UNSETTLED BY  
THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 31 JANUARY - 02 FEBRUARY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 JANUARY 79

PREDICTED 31 JANUARY - 02 FEBRUARY 79/79/79

90-DAY MEAN 30 JANUARY 76

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 JANUARY 12

ESTIMATED AFR/AP 30 JANUARY 22/28

PREDICTED AFR/AP 31 JANUARY - 02 FEBRUARY 19/20 - 10/08 - 07/05

SOLTERWARN

BT

HFUS 1 BOU 312200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 031

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 31 JAN 1977.

IA. AN M-3 X-RAY, OPTICAL 1B, FLARE OCCURRED IN REGION 779  
(N28E55) AT 1726Z. THIS REGION CONTAINS A SMALL SPOT GROUP WITH  
SMALL COMPACT PLAGUE, BUT HAS BEEN REPORTED AS COMPLEX IN H-ALPHA.  
THE REMAINDER OF THE DISK IS QUIET.

IB. CLASS C FLARES ARE EXPECTED FROM REGION 779 AND ADDITIONAL  
CLASS M ARE POSSIBLE IF GROWTH IN THIS REGION CONTINUES.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 8 HOURS IN  
BOULDER. EXPECT GENERALLY UNSETTLED CONDITIONS ON 1 FEB DECREASING  
TO QUIET CONDITIONS BY THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 01-03 FEB

CLASS M 05/10/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 JAN 82

PREDICTED 01-03 FEB 84/85/86

90-DAY MEAN 31 JAN 76

V. GEOMAGNETIC AINDICES

OBSERVED FREDERICKSBURG 30 JAN 25

ESTIMATED AFR/AP 31 JAN 15/19

PREDICTED AFR/AP 01-03 FEB 10/10 - 07/07 - 07/07

SOLTERWARN

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