

HFUS 3 BOU 250530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 025A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 25 JANUARY 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.

REGION 986 (N19E10) PRODUCED ONE SUB FAINT FLARE AT 25/0220Z.

ALL OTHER REGIONS HAVE BEEN QUIET AND STABLE.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO CONTINUE  
AT THAT LEVEL DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 25 JANUARY - 27 JANUARY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JANUARY 104

PREDICTED 25-27 JANUARY 106/109/109

90-DAY MEAN 24 JANUARY 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JANUARY 01

ESTIMATED AFR/AP 24 JANUARY 04/05

PREDICTED AFR/AP 25-27 JANUARY 07/07 - 06/06 - 05/05

SOLTERWARN

BT

HFUS 3 BOU 251500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 005-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1500Z 25 JAN 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. NO SIGNIFICANT CHANGE HAS BEEN NOTED IN DISK ACTIVITY AND NO SIGNIFICANT X-RAY ACTIVITY HAS BEEN RECORDED. APR AT SE20 HAS BEEN ACTIVE DURING THE PERIOD.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET TO SLIGHTLY UNSETTLED CONDITIONS ARE EXPECTED.

III. EVENT PROBABILITIES 25 - 27 JAN

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JAN 104

PREDICTED 25 - 27 JAN 106/109/109

90-DAY MEAN 24 JAN 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JAN 01

ESTIMATED AFR/AP 24 JAN 04/05

PREDICTED AFR/AP 25 - 27 JAN 07/08 - 06/06 - 05/05

SOLTERWARN

BT

HFUS 1 BOU 252215

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 025

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 25 JANUARY 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. REGION  
986 (N19E01) CONTINUES SLOW GROWTH WITH SOME RESTRUCTURING REPORTED  
BY HOLLOMAN. THIS REGION HAS PRODUCED AT LEAST FIVE FLARES, ALL SUB-  
FAINT. SEVERAL C-CLASS EVENTS HAVE BEEN REPORTED IN ADDITION.

THE REGIONS REMAINS A D-GROUP BUT REPORTS INDICATE AN INCREASINGLY  
COMPLEX MAGNETIC STRUCTURE. NEW REGION 988 (S27E85) IS NOW ROTATING  
ON THE DISK. THIS APPEARS TO BE OLD REGION 970 WHICH WAS QUITE  
ACTIVE. IT NOW SHOWS INDICATIONS OF CONTINUING THIS TREND WITH  
TWO FLARES ALREADY REPORTED. ALL REMAINING REGIONS APPEAR STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGH THE  
NEXT 24 HOURS. REGION 986 CONTINUES TO EXHIBIT SOME ENERGETIC  
POTENTIAL AND REGION 988 ALSO APPEARS TO HAVE POTENTIAL ALTHOUGH  
IT IS NOT COMPLETELY ONTO THE DISK.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET TO SLIGHTLY  
UNSETTLED. A POSSIBLE SUDDEN COMMENCEMENT OCCURRED AT ABOUT 1530Z  
BUT HAS BEEN FOLLOWED BY ONLY UNSETTLED CONDITIONS. UNSETTLED  
CONDITIONS ARE EXPECTED TO PERSIST THROUGH THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 26 JANUARY - 28 JANUARY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JANUARY 107

PREDICTED 26-28 JANUARY 109/110/111

90-DAY MEAN 25 JANUARY 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JANUARY 04

ESTIMATED AFR/AP 25 JANUARY 07/08

PREDICTED AFR/AP 26-28 JANUARY 08/09 - 07/08 - 07/08

SOLTERWARN

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