

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 025-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 25 JAN 1978

I A. 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.

I B. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET TO SLIGHTLY UNSETLED 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

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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 HOLLOWMAN. THIS REGION HAS PRODUCED AT LEAST FIVE FLARES, ALL SUB-FAINT. SEVERAL C-CLASS EVENTS HAVE BEEN REPORTED IN ADDITION. THE REGION 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-F 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

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