

HFUS 3 BOU 230530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 023A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 23 JANUARY 1978

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL WITH ONLY MINOR
FLARES OCCURRING. MOST OF THIS SMALL ACTIVITY HAS BEEN REPORTED
FROM REGION 981 (S23W68) WHICH MAY BE GROWING SLOWLY AS IT
APPROACHED WEST LIMB. MINOR ACTIVITY HAS ALSO BEEN OBSERVED IN
THE 985 (N20E50) AND 986 (N20E41) COMPLEX. ONLY WEAK PLAGE AND
SMALL SPOTS HAVE RETURNED IN THE AREA OF OLD 967 - NOW 987 (S18E75).

IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW TO LOW LEVEL WITH
C-CLASS EVENTS EXPECTED FROM BOTH REGION 981 AND FROM THE 985/986
AREA.

II. THE GEOMAGNETIC FIELD REMAINS VERY QUIET AND IS EXPECTED TO
REMAIN SO THRU THE FORECAST PERIOD.

III. EVENT PROBABILITIES 23 JANUARY - 25 JANUARY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 JANUARY 100

PREDICTED 23-25 JANUARY 103/106/110

90-DAY MEAN 22 JANUARY 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 JANUARY 01

ESTIMATED AFR/AP 22 JANUARY 03/04

PREDICTED AFR/AP 23-25 JANUARY 05/05 - 07/08 - 07/08

SOLTERWARN

BT

HFUS 3 BOU 231500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 023B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 23 JANUARY 1978

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST
8 HOURS. ALL REGIONS ARE APPARENTLY STABLE EXCEPT 986 (N20E41)
WHICH IS SLOWLY DEVELOPING. REGION 986 HAS AN ARCH FILAMENT
SYSTEM AND TINY SPOTS ARE NOW VISIBLE IN THE SOUTHWEST AREA OF THE
REGION. AN APR IS VISIBLE NEAR SE25.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL FOR THE NEXT
24 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET. QUIET TO OCCASIONALLY
UNSETTLED CONDITIONS SHOULD CONTINUE.

III. EVENT PROBABILITIES 23 JANUARY - 25 JANUARY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 JANUARY 100

PREDICTED 23-25 JANUARY 103/106/110

90-DAY MEAN 22 JANUARY 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 JANUARY 01

ESTIMATED AFR/AP 22 JANUARY 03/04

PREDICTED AFR/AP 23-25 JANUARY 05/05 - 07/08 - 07/08

SOLTERWARN

BT

HFUS 1 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 023

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 23 JANUARY 1978

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 981 (S23W76)
IS APPROACHING THE WEST LIMB AND SHOULD BEGIN PASSAGE ON 24 JAN.
REGION 981 RETAINS THE POTENTIAL FOR ENERGETIC FLARES AND SHOULD
BE VIEWED WITH CAUTION FOR ANOTHER THREE DAYS OR MORE. REGION
986 (N20E30) IS GROWING SLOWLY WHILE THE REST OF THE DISK IS STABLE.
SMALL APR NEAR SE25 CONTINUES.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET. GENERALLY QUIET TO UNSETTLED
CONDITIONS SHOULD PERSIST FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 24-26 JAN

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 JAN 103

PREDICTED 24-26 JAN 106/110/112

90-DAY MEAN 23 JAN 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 JAN 02

ESTIMATED AFR/AP 23 JAN 04/04

PREDICTED AFR/AP 24-26 JAN 07/08 - 07/08 - 06/05

SOLTERWARN

BT