

HEUS 3/ROU 160530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 016A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 16 JANUARY 1978

I. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 980 (N 18W47) HAS AN
ADF. THE PEAK OF THE DISK/LIMB IS LITTLE CHANGED.

II. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

III. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 8 HOURS.
GENERALLY QUIET CONDITIONS ARE EXPECTED FOR THE NEXT 48 HOURS.

IV. EVENT PROBABILITIES 16 JANUARY - 18 JANUARY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

V. OTTAWA K10.7 CM FLUX

OBSERVED 15 JANUARY 94

PREDICTED 16-18 JANUARY 94/94/94

90-DAY MEAN 15 JANUARY 100

VI. GEOMAGNETIC AL INDICES

OBSERVED FREDERICKSBURG 14 JANUARY 02

ESTIMATED AFR/AP 15 JANUARY 04/05

PREDICTED AFR/AP 16-18 JANUARY 05/05 - 05/05 - 05/05

SOLTERWARN

BT

WFUS 3, POU 161500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 016B

JOINT AFGWIC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 16 JANUARY 1978

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST NINE HOURS. THE
MDF IN REGION 980 (N 18W54) IS STILL IN PROGRESS. ALL OTHER REGIONS
WERE QUIET.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT A VERY LOW LEVEL THROUGH
THE REST OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS QUIET UNTIL ABOUT 16/1300Z WHEN A SMALL
MAGNETIC SUBSTORM BEGAN. GENERALLY UNSETLED CONDITIONS ARE EXPECTED
FOR THE REST OF THE ZULU DAY.

III. EVENT PROBABILITIES 16 JANUARY - 18 JANUARY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JANUARY 94

PREDICTED 16-18 JANUARY 94/94/94

90-DAY MEAN 15 JANUARY 100

V. GEOMAGNETIC A INDICES

OBSERVED FPPDFRICKSBURG 14 JANUARY 02

ESTIMATED AFR/AP 15 JANUARY 04/24

PREDICTED AFR/AP 16-18 JANUARY 07/08 - 07/07 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO.

SDF NUMBER 016

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 16 JANUARY 1978

I A. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 24 HOURS. SEVERAL SMALL SUB-FLARES WITH NO SIGNIFICANT X-RAY ACTIVITY WERE OBSERVED FROM THE DISK'S ACTIVE REGIONS. REGION 981 (S28E13), A B-TYPE GROUP, HAS AN AFS WITH OCCASIONAL POINT BRIGHTENINGS. REGION 980 (N17W59) IS A C-TYPE GROUP WITH AN ADF.

I B. SOLAR ACTIVITY SHOULD REMAIN VERY LOW DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD WAS QUIET UNTIL 16/1300Z WHEN AN AURORAL SUBSTORM BEGAN WHICH PRODUCED ACTIVE TO MINOR STORM CONDITIONS UNTIL NEAR 16/2000Z. THE FIELD IS EXPECTED TO BE GENERALLY UNSETTLED ON 17 JAN AND QUIET TO UNSETTLED ON 18-19 JAN.

III. EVENT PROBABILITIES 17-19 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 JAN 89

PREDICTED 17-19 JAN 90/92/94

90-DAY MEAN 16 JAN 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 JAN 01

ESTIMATED AFR/AP 16 JAN 06/10

PREDICTED AFR/AP 17-19 JAN 07/09 - 07/07 - 07/07

SOLTERWARN

BT