

HFUS 1 BOU 020525

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 002A

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

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. NO SIGNIFICANT
CHANGES IN THE VISIBLE REGIONS HAVE BEEN NOTED.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL FOR THE NEXT THREE
DAYS.

II. THE GEOMAGNETIC FIELD IS QUIET TO SLIGHTLY UNSETTLED AND NO
CHANGE IS EXPECTED FOR THE NEXT 24 HOURS. UNSETTLED TO OCCASIONALLY
ACTIVE CONDITIONS ARE EXPECTED THE LAST TWO DAYS OF THE PERIOD.

III. EVENT PROBABILITIES 02 JANUARY - 04 JANUARY

CLASS M 15/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 JANUARY 76

PREDICTED 02-04 JANUARY 76/76/76

90-DAY MEAN 01 JANUARY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 DECEMBER 10

ESTIMATED AFR/AP 01 JANUARY 08/09

PREDICTED AFR/AP 02-04 JANUARY 05/05 - 14/10 - 15/15

SOLTERWARN

BT

1030
HFUS 1 BOU 021500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 002B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 02 JAN 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 764 (S18W41) CONTINUES
ITS DECAY WHILE REGION 765 (N03E67) APPEARS STABLE. REGION 766
(N32W45) HAS BEEN AT NEAR FLARE LEVEL WITH A WELL DEFINED
ARCH FILAMENT SYSTEM AS OVERALL GROWTH CONTINUES

IB. ACTIVITY LEVELS SHOULD REMAIN VERY LOW, HOWEVER REGION 766 MAY
BECOME A POTENTIAL FLARE PRODUCER. C-CLASS XRAY EVENTS REMAIN
POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED TO QUIET
DURING THE PAST 8 HOURS. QUIET CONDITIONS SHOULD PREVAIL UNTIL
RECURRENT ACTIVITY BEGINS ON 03 JAN.

III. EVENT PROBABILITIES 02-04 JAN

CLASS M 15/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 JAN 76

PREDICTED 02-04 JAN 76/76/76

90-DAY MEAN 01 JAN 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 DEC 10

ESTIMATED AFR/AP 01 JAN 08/09

PREDICTED AFR/AP 02-04 JAN 05/05 - 14/10 - 15/15

SOLTERWARN

BT

HFUS 1 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 002

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 02 JAN 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 764 (S18W47) CONTINUES ITS DECLINE WHILE REGION 766 (N32W49) HAS BEEN GROWING AND CONTAINS A STRONG ARCH FILAMENT SYSTEM AND BRIGHT POINTS NEAR FLARE INTENSITY. THE REMAINDER OF THE DISK AND THE LIMBS REMAIN QUIET AND STABLE.

IB. THE LEVEL OF SOLAR ACTIVITY SHOULD REMAIN VERY LOW TO LOW DURING THIS PERIOD. OCCASIONAL FLARES WITH C-CLASS X-RAY EVENTS ARE POSSIBLE FROM REGION 766. THE CHANCE OF GREATER ACTIVITY IS INCREASING AS THE REGION CONTINUES TO GROW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED. RECURRENT ACTIVE CONDITIONS ARE EXPECTED ON 03 JAN AND SHOULD CONTINUE THRU THE FORECAST PERIOD.

III. EVENT PROBABILITIES 03-05 JAN

CLASS M 10/12/15

CLASS X 01/01/01

PROTON 01/01/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 JAN 79

PREDICTED 03-05 JAN 80/80/80

90-DAY MEAN 02 JAN 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 JAN 11

ESTIMATED AFR/AP 02 JAN 06/04

PREDICTED AFR/AP 03-05 JAN 14/10 - 15/15 - 15/15

SOLTERWARN

BT