

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 UNSETLED AND NO
CHANGE IS EXPECTED FOR THE NEXT 24 HOURS. UNSETLED 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.

1/20/77

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 UNSETLED. 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