

HFUS 1 BOU 030525

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 003A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 03 JANUARY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.
NO FLARES HAVE BEEN REPORTED. REGIONS ON THE VISIBLE DISK ARE QUIET
AND STABLE WITH THE EXCEPTION OF REGION 766 (N33W50) WHICH
CONTAINS AN ARCH FILAMENT SYSTEM AND NEARLY FLARE BRIGHT PLAGE.
THIS REGION APPEARS TO BE STEADILY GROWING, BUT HAS NOT YET
PRODUCED FLARES.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW, BUT CONTINUED GROWTH
IN REGION 766 SHOULD SOON RESULT IN THE PRODUCTION OF OCCASIONAL
C-CLASS SUBFLARES.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 8 HOURS.
THE FIELD IS EXPECTED TO BECOME UNSETTLED TO MILDLY ACTIVE ON
03 JANUARY, OR EARLY ON 04 JANUARY, WITH THE RETURN OF RECURRENT
MAGNETIC ACTIVITY.

III. EVENT PROBABILITIES 03 JANUARY - 05 JANUARY

CLASS M 10/12/15

CLASS X 01/01/01

PROTON 01/01/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 JANUARY 79

PREDICTED 03-05 JANUARY 80/80/80

90-DAY MEAN 02 JANUARY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 JANUARY 11

ESTIMATED AFR/AP 02 JANUARY 04/03

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

SOLTERWARN

BT

HFUS 1 BOU 031530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 003B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 03 JAN 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.
ONLY SLIGHT DEVELOPMENT OF RGN 766 (N33W56) HAS BEEN OBSERVED AND
VERY LOW LEVEL BACKGROUND X-RAYS HAVE BEEN EVIDENT. OTHER DISK
FEATURES APPEAR QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT LOW LEVELS
WITH CLASS C SUBFLARES POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 8
HOURS AND IS EXPECTED TO BE UNSETTLED TO SLIGHTLY ACTIVE EARLY ON
04 JANUARY BASED UPON EXPECTED RECURRENT MAGNETIC ACTIVITY.

III. EVENT PROBABILITIES 03 JANUARY - 05 JANUARY

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 04/03

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

SOLTERWARN

BT

HFUS 1 BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 003

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 03 JAN 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS WITH
CONTINUED SLOW GROWTH OF REGION 766 (N32W63). ARCH FILAMENT
STRUCTURE AND ENHANCED PLAGE HAVE BEEN OBSERVED. CONTINUED DECAY OF
REGION 764 (S20W62) PLAGE HAS OCCURRED DURING THE PAST 24 HOURS.
REGION 765 (N05E49) HAS EXPERIENCED LITTLE CHANGE IN PAST 24 HOURS.
ALL OTHER LIMB AND DISK FEATURES APPEAR QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT LOW LEVELS
FOR MOST OF THE UPCOMING 24 HOUR FORECAST PERIOD. WITH CONTINUED
GROWTH OF RGN 766 CLASS C SUBFLARES ARE POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN
QUIET TO SLIGHTLY UNSETTLED FOR THE NEXT 24 HOUR FORECAST PERIOD.

III. EVENT PROBABILITIES 04-06 JAN

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 JAN 79

PREDICTED 04 - 06 JAN 78/77/76

90-DAY MEAN 03 JAN 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 JAN 03

ESTIMATED AFR/AP 03 JAN 03/03

PREDICTED AFR/AP 04-06 JAN 05/07 - 15/15 - 15/10

SOLTERWARN

BT