

HFUS 1 BOU 130550

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 013A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 13 JANUARY 1976

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST EIGHT HOURS. A FEW
SMALL X-RAY EVENTS HAVE BEEN OBSERVED ON SATELLITE SENSORS.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL WITH A
FEW CLASS C EVENTS. REGION 676 (S11E66) SHOULD BE THE SOURCE OF
ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED AND IS EXPECTED
TO CONTINUE AT THIS LEVEL DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 13 JANUARY - 15 JANUARY

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 JANUARY 80

PREDICTED 13-15 JANUARY 81/82/83

90-DAY MEAN 12 JANUARY 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 JANUARY 30

ESTIMATED AFR/AP 12 JANUARY 14/14

PREDICTED AFR/AP 13-15 JANUARY 10/10 - 10/10 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 131430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 013B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 13 JAN 76

IA. SOLAR ACTIVITY HAS CONTINUED LOW FOR THE PAST 12 HOURS.
THE FREQUENCY OF X-RAY BURSTS HAS DECREASED AS REGION 676 (S13E58)
REACHES MATURITY AS A COMPLEX TYPE E SUNSPOT GROUP. A SMALL NEW
REGION HAS EMERGED AT S14 E72. A SMALL A-TYPE SPOT CONTINUES
AT S08W51 (REGION 675).

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE IN STRENGTH OF EACH
FLARE EVENT ALTHOUGH THE NUMBER OF EVENTS HAS DECREASED. ACTIVITY
WILL ORIGINATE IN THE COMPLEX REGION 676.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED THE PAST
12 HOURS. SIMILAR CONDITIONS ARE EXPECTED THROUGHOUT THIS FORECAST
PERIOD.

III. EVENT PROBABILITIES 13-15 JAN

CLASS M 50/75/90

CLASS X 01/05/05

PROTON 01/01/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 JAN 80

PREDICTED 13-15 JAN 82/84/86

90-DAY MEAN 12 JAN 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 JAN 30

ESTIMATED AFR/AP 12 JAN 14/14

PREDICTED AFR/AP 13-15 JAN 10/10 - 10/10 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 013

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 13 JANUARY 1976

IA. SOLAR ACTIVITY CONTINUES ENHANCED ABOVE NORMAL SOLAR
MINIMUM CONDITIONS BUT LIMITED TO OCCASIONAL SUBFLARES. REGION
676 (S11E57) PRODUCED OPTICAL/X-RAY EVENTS; OB/C6 0856Z AND
OF/C2 1748Z. THIS REGION HAS GROWN TO A SMALL TYPE-E SUNSPOT
GROUP WITH COMPLEX MAGNETIC CONFIGURATION. DEVELOPMENT HAS
SLOWED DURING THE PAST SIX HOURS. REGION 675 (S08W56) CONTINUES
WITH A TINY SPOT GROUP AND FAINT PLAGE.

IB. THE COMPLEX FORM OF REGION 676 GIVES POTENTIAL FOR AT
LEAST ONE CLASS-M X-RAY EVENT DURING THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED DURING
THE PAST 24 HOURS. UNSETTLED CONDITIONS ARE EXPECTED DURING LOCAL
NIGHTTIME AND QUIET CONDITIONS SHOULD PREVAIL DURING THE DAY.
THE THIRD DAY SHOULD BE ESPECIALLY QUIET.

III. EVENT PROBABILITIES 14 - 16 JANUARY

CLASS M 50/50/50

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 JANUARY 83

PREDICTED 14 - 16 JANUARY 86/86/86

90-DAY MEAN 13 JANUARY 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 JANUARY 11

ESTIMATED AFR/AP 13 JANUARY 10/08

PREDICTED AFR/AP 14 - 16 JANUARY 10/10 - 10/10 - 05/07

SOLTERWARN

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