

HFUS 1 BOU 150545

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 015A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 15 JANUARY 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. ACTIVITY
IN REGION 676 (S11E40) HAS DECREASED BUT LITTLE CHANGE HAS BEEN
NOTED IN THE REGION.

IB. NO SIGNIFICANT FURTHER DEVELOPMENT IS EXPECTED IN REGION 676.
SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW WITH AN OCCASIONAL
C-CLASS FLARE AND POSSIBLY AN M CLASS FLARE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 8 HOURS. SLIGHTLY
UNSETTLED CONDITIONS ARE EXPECTED EARLY IN THE FORECAST PERIOD
THEN QUIET FOR THE REMAINDER.

III. EVENT PROBABILITIES 15 JANUARY - 17 JANUARY

CLASS M 50/50/30

CLASS X 02/02/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 JANUARY 86

PREDICTED 15-17 JANUARY 86/83/80

90-DAY MEAN 14 JANUARY 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 JANUARY 09

ESTIMATED AFR/AP 14 JANUARY 08/10

PREDICTED AFR/AP 15-17 JANUARY 10/10 - 05/05 - 08/08

SOLTERWARN

BT

HFUS 1 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 015

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 15 JANUARY 1976

IA. SOLAR ACTIVITY HAS CONSISTED OF ONE X-RAY BURST REACHING
C-CLASS THRESHOLD DURING THE PAST 24 HOURS. REGION 676 (S11E30)
CONTINUES TO PRODUCE X-RAY BURSTS BELOW C-CLASS THRESHOLDS
SPORADICALLY. THE REGION CONTINUES MAGNETICALLY COMPLEX BUT WITH
WEAKER FIELD STRENGTH AND LOWER GRADIENTS ACROSS NEUTRAL LINES
IN THE CENTER OF THE REGION. NO SIGNIFICANT GROWTH HAS OCCURRED
FOR 36 HOURS. X-RAY BACKGROUND HAS DROPPED FROM ABOUT $4E-4$ TO $1E-4$.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH AN OCCASSIONAL
C OR M CLASS X-RAY BURST.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 24 HOURS
AND IS EXPECTED TO REMAIN QUIET, WITH AN OCCASSIONAL UNSETTLED
PERIOD THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 16 - 18 JAN

CLASS M 30/20/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JAN 83

PREDICTED 16 - 18 JAN 82/82/82

90-DAY MEAN 15 JAN 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 JAN 08

ESTIMATED AFR/AP 15 JAN 05/05

PREDICTED AFR/AP 16 - 18 JAN 05/05 - 08/08 - 08/08

SOLTERWARN

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