

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 BOUL 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 UNSETLED 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
BT