

HFUS 1 BOU 140545

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 014A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 14 JANUARY 1976

IA. SOLAR ACTIVITY REMAINS CLASSIFIED AS VERY LOW; HOWEVER ACTIVITY HAS BEEN ENHANCED BY FREQUENT SUBFLARE ACTIVITY FROM REGION 676 (S11E53). THIS REGION REMAINS A TYPE-E GROUP WITH COMPLEX MAGNETIC CONFIGURATION, BUT LITTLE FURTHER GROWTH DURING THE PAST 8 HOURS.

THE REMAINDER OF THE DISK REMAINS STABLE AND QUIET.

IB. THOUGH OVERALL ACTIVITY LEVELS SHOULD REMAIN VERY LOW, REGION 676 APPEARS CAPABLE OF M-CLASS X-RAY ACTIVITY DURING THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 8 HOURS, HOWEVER IS EXPECTED TO BE GENERALLY QUIET TO UNSETLED, BECOMING QUIET AGAIN AT THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 14 JANUARY - 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 08/06

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

SOLTERWARN

BT

HFUS 1 BOU 141500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 014-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 14 JANUARY 1976

IA. SOLAR ACTIVITY HAS CONSISTED OF 7 SUBFLARES WITH X-RAY
BURSTS UP TO C4 LEVEL DURING THE PAST 12 HOURS. ALL HAVE
OCCURRED IN REGION 676 (S12E49) WHICH CONTINUES AS A COMPLEX
SMALL TYPE-E SUNSPOT GROUP. THE BRIGHTEST AND MOST ENERGETIC
EVENTS OCCURRED NEAR A DELTA CONFIGURATION. DARK AND BRIGHT SURGES
ARE NEARLY CONTINUOUS FROM THE VICINITY OF THE LARGE LEADER SPOT.

IB. CLASS M X-RAY BURSTS ARE LIKELY WITH CONTINUED FREQUENT
CLASS C ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED FOR THE PAST 12
HOURS. UNSETLED TO QUIET CONDITIONS ARE EXPECTED UNTIL QUIET
CONDITIONS PREVAIL ON THE THIRD DAY.

III. EVENT PROBABILITIES 14 JANUARY - 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 08/06

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

SOLTERWARN

BT

HFUS-1 BOU 142200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 014
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 JANUARY 1976

IA. SOLAR ACTIVITY HAS CONSISTED OF 14 SUBFLARES WITH X-RAY BURSTS TO CLASS C4 LEVEL DURING THE PAST 24 HOURS WITH 11 OF THESE SINCE 0700Z. ALL HAVE OCCURRED IN THE SMALL BUT COMPLEX TYPE-E SUNSPOT GROUP AT S11E43 (REGION 676). LITTLE GROWTH HAS OCCURRED SINCE YESTERDAY BUT THERE ARE NOW TWO DELTA MAGNETIC CONFIGURATIONS. A TINY PAIR OF SPOTS CONTINUE IN REGION 675 AT S08W71.

IB. NO SIGNIFICANT FURTHER DEVELOPMENT IS EXPECTED IN REGION 676. FREQUENT CLASS C EVENTS WILL CONTINUE. CLASS M EVENTS MAY STILL OCCUR.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED BUT IS NOW BECOMING QUIET. UNSETLED CONDITIONS WILL RECUR DURING NIGHTTIME TONIGHT AND QUIET CONDITIONS WILL PREVAIL FOR THE REMAINDER OF THE PERIOD.

III. EVENT PROBABILITIES 15 - 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