

HFUS 1 BOU 160600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 016A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 16 JAN 1976

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. OCCASIONAL NON-ENERGETIC
SUB-FLARES CONTINUE FROM REGION 676 (S11E26); HOWEVER THE REGION
IS SHOWING SIGNS OF BEGINNING DECAY.

IB. SOLARACTIVITY IS EXPECTED TO REMAIN VERY LOW. CLASS C OR
M X-RAY FLARE ACTIVITY MAY INCREASE AS REGION 676 DECAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 8 HOURS
AND SHOULD REMAIN SO.

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 05/06

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

SOLTERWARN

BT

HFUS 1 BOU 161500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 016-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 16 JANUARY 1976

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST EIGHT HOURS.
REGION 676 (S11E22) ACTIVITY HAS DECREASED SIGNIFICANTLY, PRO-
DUCING NO X-RAY BURST REACHING C-CLASS THRESHHOLDS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. REGION 676
(S11E22) IS CAPABLE OF PRODUCING C OR M CLASS X-RAY BURSTS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 24 HOURS.
THE FIELD IS EXPECTED TO REMAIN QUIET TO MILDLY UNSETTLED 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 05/08 - 08/08 - 08/08

SOLTERWARN

BT

HFUS*1 BCU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 016

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 16 JAN 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.
REGION 676 (S11E17) HAS PRODUCED NO X-RAY BURST REACHING C-CLASS
THRESHOLDS AND APPEARS TO BE DECREASING IN ACTIVITY. X-RAY
BACKGROUND HAS DROPPED TO AROUND $5E-5$.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. REGION 676
(S11E17) COULD PRODUCE X-RAY BURSTS REACHING C-CLASS THRESHOLD.

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

III. EVENT PROBABILITIES 17 - 19 JAN

CLASS M 20/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 JAN 81

PREDICTED 17 - 19 JAN 80/80/79

90-DAY MEAN 16 JAN 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 JAN 04

ESTIMATED AFR/AP 16 JAN 06/06

PREDICTED AFR/AP 17 - 19 JAN 08/08 - 08/08 - 08/08

SOLTERWARN

BT