

HFUS 1 BOU 230600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 358A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 23 DECEMBER 1976
IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
A C-2 X-RAY EVENT WAS RECORDED ON SATELLITE AT 23/0453Z. THE LIMBS
ARE QUIET.
IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.
II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED AND IS EXPECTED
TO CONTINUE AT THAT LEVEL DURING THE NEXT 48 HOURS.
III. EVENT PROBABILITIES 23 DECEMBER - 25 DECEMBER
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 22 DECEMBER 76
PREDICTED 23-25 DECEMBER 75/75/75
90-DAY MEAN 22 DECEMBER 75
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 21 DECEMBER 04
ESTIMATED AFR/AP 22 DECEMBER 09/08
PREDICTED AFR/AP 23-25 DECEMBER 08/10 - 10/05 - 05/05
SOLTERWARN
BT

HFUS 1 BOU 231500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 358-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 23 DEC 1976

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST EIGHT HOURS.

A C-8 X-RAY EVENT WAS RECORDED AT 231304 UT WHICH HAD NO OPTICAL
CORRELATION. CLOUDS ARE HAMPERING OBSERVATIONS AT MOST LOCATIONS.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD IS QUIET TO UNSETTLED AND NOT EXPECTED
TO CHANGE.

III. EVENT PROBABILITIES 23 - 25 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 DEC 76

PREDICTED 23 - 25 DEC 75/75/75

90-DAY MEAN 22 DEC 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 DEC 04

ESTIMATED AFR/AP 22 DEC 09/08

PREDICTED AFR/AP 23 - 25 DEC 08/10 - 10/05 - 05/05

SOLTERWARN

BT

HFUS 1 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 358

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 23 DEC 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST TWENTY FOUR HOURS. THE REPORTED C-8 X-RAY EVENT AT 23/1304 UT WAS ACTUALLY A CLASS C-1 EVENT. THERE HAVE BEEN A TOTAL OF THREE CLASS C X-RAY BURSTS IN THE PAST TWENTY FOUR HOURS THE LARGEST OF WHICH WAS A C-4 EVENT AT 1953 UT. THERE HAVE BEEN NO OPTICAL CORRELATIONS WITH THESE EVENTS.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD IS QUIET TO UNSETTLED AND EXPECTED TO REMAIN SO.

III. EVENT PROBABILITIES 24 - 26 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 DEC 76

PREDICTED 24 - 26 DEC 76/77/77

90-DAY MEAN 23 DEC 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 DEC 12

ESTIMATED AFR/AP 23 DEC 08/04

PREDICTED AFR/AP 24 - 26 DEC 10/07 - 05/05 - 08/05

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