

HFUS 3 BOU 190530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 353A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 19 DECEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK/LIMB HAS BEEN QUIET.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 8 HOURS.

GENERALLY QUIET CONDITIONS ARE EXPECTED FOR THE NEXT 4 HOURS.

III. EVENT PROBABILITIES 19 DECEMBER - 21 DECEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 DECEMBER 97

PREDICTED 19-21 DECEMBER 98/99/100

90-DAY MEAN 18 DECEMBER 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 DECEMBER 09

ESTIMATED AFR/AP 18 DECEMBER 03/03

PREDICTED AFR/AP 19-21 DECEMBER 05/05 - 07/07 - 07/07

SOLTERWARN

BT

HFUS 3 BOULDER 191500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 353B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1500Z 19 DECEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 957 (N24E59) HAS SHOWN DECAY AND IS NOW A C-TYPE SPOT GROUP. A NEW B-TYPE REGION 964 (N21E03) HAS BEEN CONFIRMED. OTHER DISK REGIONS AND THE LIMBS ARE STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND NO CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 19-21 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 DEC 97

PREDICTED 19-21 DEC 98/99/100

90-DAY MEAN 18 DEC 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 DEC 09

ESTIMATED AFR/AP 18 DEC 03/03

PREDICTED AFR/AP 19-21 DEC 05/05 - 07/07 - 07/07

SOLARWARN

BT

HFUS 1 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 353

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 19 DECEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 963 (N23E52) HAS
SHOWN SLOW GROWTH WHILE 957 (N17W30) CONTINUES TO DECAY.
NO SIGNIFICANT ACTIVITY HAS BEEN OBSERVED OR REPORTED.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW. NO OLD REGIONS WITH
ACTIVE HISTORIES ARE DUE TO RETURN THIS PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET CONDITIONS ARE
EXPECTED TO PREVAIL UNTIL THE LAST DAY WHEN THE FIELD SHOULD BECOME
UNSETTLED.

III. EVENT PROBABILITIES 20-22 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 DEC 94

PREDICTED 20-22 DEC 94/93/94

90-DAY MEAN 19 DEC 97

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 DEC 03

ESTIMATED AFR/AP 19 DEC 03/03

PREDICTED AFR/AP 20-22 DEC 05/05 - 07/07 - 10/10

SOLTERWARN

BT