

HFUS 1 BOU 220425

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 204A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z JULY 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW.

IB. SOLAR ACTIVITY WILL CONTINUE AT VERY LOW LEVELS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 24 HOURS.
THE FIELD IS EXPECTED TO BE QUIET TO SLIGHTLY UNSETTLED THRU THE
NEXT THREE DAYS.

III. EVENT PROBABILITIES 22 JULY - 24 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 JULY 68

PREDICTED 22-24 JULY 68/69/69

90-DAY MEAN 21 JULY 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 JULY 05

ESTIMATED AFR/AP 21 JULY 06/05

PREDICTED AFR/AP 22-24 JULY 08/10 - 10/10 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 221430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 204-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 22 JULY 1976

IA. SOLAR ACTIVITY CONTINUES AT SOLAR MINIMUM. THIS IS THE
15TH CONSECUTIVE DAY WITHOUT SUNSPOTS, THE LONGEST SPOTLESS
PERIOD SO FAR THIS MINIMUM.

IB. NO INCREASE IN ACTIVITY IS EXPECTED UNTIL NEW ACTIVE
CENTERS EMERGE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 12 HOURS.
QUIET TO SLIGHTLY UNSETTLED CONDITIONS ARE EXPECTED THIS FORECAST
PERIOD.

III. EVENT PROBABILITIES 22 JULY - 24 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 JULY 68

PREDICTED 22-24 JULY 68/69/69

90-DAY MEAN 21 JULY 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 JULY 05 21 JULY 02

ESTIMATED AFR/AP ~~21 JULY 06/05~~

PREDICTED AFR/AP 22-24 JULY 08/10 - 10/10 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 204

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 22 JULY 1976

IA. SOLAR ACTIVITY CONTINUES AT THE LOWEST LEVEL THUS FAR THIS
SOLAR MINIMUM. 10 CM FLUX HAS BEEN AT OR BELOW 68 ALL BUT ONE
DAY IN JULY. THE SUN IS AND HAS BEEN SPOTLESS MOST OF THIS MONTH.
THE H-ALPHA SUN SHOWS SEVERAL VERY SMALL PLAGES AND A FEW
FRAGMENTARY FILAMENTS. PREVIOUS MINIMA HAVE HAD PERIODS WITH A
COMPLETE ABSENCE OF H-ALPHA ACTIVITY.

IB. NO INCREASE IN SOLAR ACTIVITY IS ANTICIPATED THIS FORECAST
PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.
QUIET TO SLIGHTLY UNSETTLED CONDITIONS ARE EXPECTED DURING
THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 23-25 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 JULY 68

PREDICTED 23-25 JULY 69/69/69

90-DAY MEAN 22 JULY 70

V. GEOMAGNETIC A INDICES

OBSERVED, FREDERICKSBURG 21 JULY 02

ESTIMATED AFR/AP 22 JULY 05/05

PREDICTED AFR/AP 23-25 JULY 08/08 - 07/07 - 05/05

SOLTERWARN

BT