

HFUS 1 BOU 020450
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 183A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 02 JULY 1975

IA. THE ANOMOLOUS POLES AROUND THE LARGE LEADER OF REGION 604
(N06W15) HAVE PRODUCED FREQUENT POINT BRIGHTENINGS AND DARK
SURGES BUT NO X-RAY EVENT HAS REACHED CLASS C LEVELS. A SMALL
REGION IS EMERGING NEAR N02W43.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL
WITH SEVERAL CLASS C X-RAY EVENTS POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO UNSETTLED. THE
FIELD IS EXPECTED TO BE GENERALLY UNSETTLED THROUGHOUT THE
FORECAST PERIOD, WITH SHORT PERIODS OF ACTIVE CONDITIONS DURING
THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 02 - 04 JULY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 JULY 76

PREDICTED 02 - 04 JULY 75/75/74

90-DAY MEAN 01 JULY 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 JUNE 19

ESTIMATED AFR/AP 01 JULY 13/18

PREDICTED AFR/AP 02 - 04 JULY 15/19 - 13/16 - 7/7

SOLTERWARN

BT

HFUS 1 BOU 021430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 183B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 02 JULY 1975

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 604 (N06W20)
REMAINS THE DOMINANT DISK FEATURE BUT IS BASICALLY STABLE.

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

II. THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED DURING THE PAST
12 HOURS. NO SIGNIFICANT CHANGE IS EXPECTED. OCCASIONAL PERIODS
OF ACTIVE CONDITIONS MAY OCCUR IN NIGHTTIME SECTORS DURING THE
NEXT 24 HOURS.

III. EVENT PROBABILITIES 02 - 04 JULY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 JULY 76

PREDICTED 02 - 04 JULY 75/75/74

90-DAY MEAN 01 JULY 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 JUNE 19

ESTIMATED AFR/AP 01 JULY 13/18

PREDICTED AFR/AP 02 - 04 JULY 08/12 - 13/16 - 7/7

SOLTERWARN

BT

HFUS 1 BOU 022200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 183

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 02 JULY 1975

IA. SOLAR ACTIVITY IS VERY LOW; HOWEVER, AN IMP 1 NORMAL FLARE OCCURRED NEAR 021627 U.T. IN RGN 604 (N06 W28). THIS FLARE PRECIPITATED A C-3 X-RAY EVENT, TYPE III SWEEP FREQUENCY RADIO BURST AND A SWF AT 15 MHZ. THAT PORTION OF THE REGION WHICH PRODUCED THIS FLARE IS REPORTEDLY QUITE DYNAMIC. THIS AREA, JUST WEST OF THE LARGE SPOT, HAS A TINY PLAGE SEGMENT DEVELOPING WITH AN EMBEDDED ABSORPTION FEATURE. THE NEUTRAL LINE IN THIS AREA HAS A SHARP BEND AND IS OCCASIONALLY ACTIVE. SPORADIC POINT BRIGHTENINGS ARE OCCURRING ALONG THIS "BEND."

IB. CLASS "C" X-RAY EVENTS ARE LIKELY BUT OVERALL SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD IS QUIET TO SLIGHTLY UNSETTLED AND NO SIGNIFICANT CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 03-05-JULY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 JULY 074

PREDICTED 03-05 JULY 073/072/072

90-DAY MEAN 02 JULY 070

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 JULY 15

ESTIMATED AFR/AP 02 JULY 07/07

PREDICTED AFR/AP 03 JULY - 05 JULY 07/07 - 07/07 - 07/07

SOLTERWARN

BT