

HFUS 1 BOU 100600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 161A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 10 JUNE 1974

IA. SEVERAL NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED DURING THE
PAST 8 HOURS. NO MAJOR ACTIVITY HAS BEEN OBSERVED. THE REGIONS ALL
APPEAR STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH ONLY A FEW NON-
ENERGETIC SUBFLARES EXPECTED.

II. THE GEOMAGNETIC FIELD IS QUIET BUT IT IS EXPECTED TO BECOME
DISTURBED DURING THE NEXT 24 HOURS. THE LOW ENERGY PARTICLE EVENT
MENTIONED IN SDF 160 IS DECLINING VERY GRADUALLY.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

SPAN

BT

NNNN
KBOU
HFUS 1 BOU 101400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 161B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 10 JUNE 1974
IA. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL WITH NO FLARES
REPORTED DURING THE PAST EIGHT HOURS.
IB. NO SIGNIFICANT FLARE ACTIVITY EXPECTED.
II. GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED. DURING THE NEXT FEW
DAYS DISTURBED TO MINOR STORM CONDITIONS ARE EXPECTED.
III. EVENT PROBABILITIES 10-12 JUN
CLASS M 20/15/15
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 09 JUNE 92
PREDICTED 10-12 JUN 87/83/80
90-DAY MEAN 09 JUNE 87
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 08 JUN 06
ESTIMATED AFR/AP 09 JUNE 04/05
PREDICTED AFR/AP 10-12 JUN 11/12 - 25/33 - 28/39
SOLTERWARN
SPAN
BT

HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 161

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 10 JUN 1974

IA. OPTICAL REPORTS TODAY HAVE BEEN SPARSE. FREQUENT TYPE III
DEKAMETRIC BURSTS HAVE BEEN OCCURRING WITH OCCASIONAL VERY SMALL
CENTIMETRIC BURSTS. REGION 426 (N06E42) CONTINUES ITS GROWTH WITH
A TENDENCY TOWARD A BETA GAMMA CLASSIFICATION. A MUCH SLOWER
GROWTH HAS OCCURRED IN REGION 427 (S08W66).

IB. FORECAST PROBABILITIES HAVE BEEN TRENDED UPWARD DUE TO THE
EMERGING COMPLEXITY IN REGION 426 AND POSSIBLE INTERACTION OF REGION
427 WITH THE OLDER MAGNETIC FIELDS OF REGION 416 (S14W71). THE
LOW ENERGY PROTON ENHANCEMENT, WHICH BEGAN ABOUT 09/0100Z,
CONTINUES AT SATELLITE ALTITUDES.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. A SUDDEN
COMMENCEMENT WAS RECORDED AT 1848Z ON THE BOULDER AND GOES
SATELLITE MAGNETOMETERS. THE FIELD IS EXPECTED TO BE ACTIVE,
WITH MINOR STORM CONDITIONS OCCURRING INTERMITTENTLY FOR
PERIODS OF 12-18 HOURS, THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 11-13 JUN

CLASS M 25/30/30

CLASS X 01/01/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JUN 94

PREDICTED 11-13 JUN 90/88/85

90-DAY MEAN 10 JUN 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 JUN 07

ESTIMATED AFR/AP 10 JUN 12/14

PREDICTED AFR/AP 11-13 JUN 28/39 - 28/39 - 25/33

SOLTERWARN

SPAN

BT