

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

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

I.B. 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

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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 UNSETLED. 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	