

HFUS 3 BOU 120430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 163A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 12 JUNE 1978

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST
EIGHT HOURS WITH NO SIGNIFICANT CHANGES IN VISIBLE FEATURES.

IB. SOLAR ACTIVITY WILL BE AT A LOW LEVEL FOR THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET. QUIET TO UNSETLED CONDITIONS
WILL PERSIST FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 12 JUNE - 14 JUNE

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 JUNE 110

PREDICTED 12-14 JUNE 114/117/120

90-DAY MEAN 11 JUNE 141

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 JUNE NOT AVAILABLE

ESTIMATED AFR/AP 11 JUNE 12/29

PREDICTED AFR/AP 12-14 JUNE 15/17 - 08/11 - 06/08

SOLTERWARN

BT

HFUS 3 BOU 121500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 163B
JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 12 JUNE 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 10 HOURS. THE ONLY ACTIVITY NOTED WAS SOME GROWTH IN REGION 1153 (N 18W 00) AND A SF FLARE AT 1136Z FROM THAT REGION.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETLED THE PAST 10 HOURS. THESE CONDITIONS ARE EXPECTED TO PERSIST THROUGH THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 12 JUNE-14 JUNE

CLASS M	01/01/01
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	11 JUNE 110
PREDICTED	12-14 JUNE 114/117/120
90-DAY MEAN	11 JUNE 141

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	10 JUNE NOT AVAILABLE
ESTIMATED AFR/AP	11 JUNE 12/29
PREDICTED AFR/AP	12-14 JUNE 15/17 - 08/11 - 06/08
SOLTERWARN	
BT	

HFUS 1 BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SD-F NUMBER 163

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 12 JUNE 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS. REGION 1153
(N 17W 11) CONTINUES TO GROW BOTH IN SIZE AND COMPLEXITY AND IS
NOW A BETA-GAMMA. THIS REGION HAS PRODUCED FREQUENT FLARES
SINCE 1100Z WITH THE LARGEST A 1B/C4 AT 1637Z. REGION 1157 (N 19E 78)
HAS ROTATED ONTO THE DISK BUT AN H-SPOT IS ALL THAT IS VISIBLE
AT THIS TIME. ~~1157~~ PRODUCED ONE SF FLARE AT 1652Z. REGION 1154
(S 32E 35) ALSO PRODUCED A SF FLARE AT 1846Z. ALL OTHER REGIONS ARE
STABLE OR DECAYING.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW THROUGH THE NEXT 24
HOURS. ADDITIONAL SMALL FLARES ARE EXPECTED FROM REGIONS 1153 AND
1157 AND A CHANCE FOR AN OCCASIONAL SMALL FLARE FROM REGION 1154.
~~GROWTH IN~~ REGION 1153 IS EXPECTED TO CONTINUE ITS GROWTH AND COULD
PRODUCE ENERGETIC EVENTS ON 14 AND 15 JUNE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED THE PAST 24 HOURS
AND IS EXPECTED TO CONTINUE TO BE MILDLY UNSETLED.

III. EVENT PROBABILITIES 13 JUNE - 15 JUNE

CLASS M 01/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 JUNE 116

PREDICTED 13-15 JUNE 121/126/131

90-DAY MEAN 12 JUNE 140

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 11 JUNE 16

ESTIMATED AFR/AP 12 JUNE 08/11

PREDICTED AFR/AP 13-15 JUNE 08/10 - 06/08 - 06/06

SOLIERWARN

BT