

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 UNSETTLED 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 (N18W00) 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 UNSETTLED 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
SDF 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
(N17W11) 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 IB/C4 AT 1637Z. REGION 1157 (N19E78)
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
(S32E35) 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 UNSETTLED THE PAST 24 HOURS
AND IS EXPECTED TO CONTINUE TO BE MILDLY UNSETTLED.
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 A 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
SOLTERWARN
BT