

HFUS 3 BDU 010430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 152A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 01 JUNE 1978

IA. SOLAR ACTIVITY CONTINUES AT A MODERATE LEVEL. ONE FLARE HAS
BEEN OBSERVED. A 1B FROM REGION 1134 (N21W11) WAS A CLASS C6.

THE DISK REGIONS APPEAR STABLE. THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A MODERATE LEVEL. CLASS C
ACTIVITY IS EXPECTED AND AN OCCASIONAL CLASS M FLARE IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST EIGHT
HOURS. IT IS EXPECTED THE FIELD WILL BE QUIET TO SLIGHTLY UNSETTLED
DURING THE NEXT 24 HOURS.

II. EVENT PROBABILITIES 01 JUNE - 03 JUNE

CLASS M 85/70/50

CLASS X 15/10/05

PROTON 10/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 MAY 148

PREDICTED 01-03 JUNE 148/147/145

90-DAY MEAN 31 MAY 147

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 MAY 18

ESTIMATED AFR/AP 31 MAY 16/16

PREDICTED AFR/AP 01-03 JUNE 10/10 - 07/10 - 12/20

SOLTERWAPN

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WFUS 3 BOU 011500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 152B
JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 01 JUNE 1978
IA. SOLAR ACTIVITY WAS AT A LOW LEVEL DURING THE PAST EIGHT
HOURS. REGIONS 1131 (N25W41), 1134 (N21W15) AND 1136 (S15W60)
PRODUCED SMALL SUBFLARES WITH CLASS C X-RAY BURST WHILE THE
REST OF THE DISK WAS QUIET. POINT BRIGHTENINGS AND PLAGE
FLUCTUATIONS ARE CONTINUING IN REGIONS 1131, 1134 AND 1136 AND
ADDITIONAL SMALL FLARES ARE LIKELY LATER TODAY.
IB. SOLAR ACTIVITY WILL BE LOW TO MODERATE DURING THE NEXT
24 HOURS.
II. THE GEOMAGNETIC FIELD IS BASICALLY QUIET TO UNSETTLED. NO
SIGNIFICANT CHANGES ARE EXPECTED.
III. EVENT PROBABILITIES 01-03 JUNE
CLASS M 85/70/50
CLASS X 15/10/05
PROTON 10/05/05
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 31 MAY 148
PREDICTED 01-03 JUNE 148/147/145
90-DAY MEAN 31 MAY 147
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 30 MAY 18
ESTIMATED AFB/AP 31 MAY 16/16
PREDICTED AFB/AP 01-03 JUNE 10/10 - 07/10 - 12/20
SOLTERWARY
BT

HEUS 1 BQU 012200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 152
JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 1 JUNE 1978
IA. SOLAR ACTIVITY HAS BEEN LOW TO SLIGHTLY MODERATE DURING THE
PAST 24 HOURS. REGION 1134 (N21W21) IS NOW THE MOST INTERESTING REGION
ON THE DISK AS IT IS MAGNETICALLY COMPLEX (BETA GAMMA), HAS PRO-
DUCED POINT BRIGHTENINGS AS WELL AS AN OCCASIONAL SUBFLARE. REGIONS
1131 (N24W47) AND 1136 (S17W66) HAVE ALSO PRODUCED OCCASIONAL SMALL
FLARES BUT THEY ARE NOT QUITE AS COMPLEX AS 1134. ALL THREE REGIONS
ARE GROWING AND CONTINUED DEVELOPMENT SHOULD RESULT IN SIGNIFICANT
ENERGETIC ACTIVITY.
IB. SOLAR ACTIVITY SHOULD BE LOW TO MODERATE DURING THE NEXT 24
HOURS.
II. THE GEOMAGNETIC FIELD IS QUIET TO OCCASIONALLY UNSETTLED AND
NO CHANGE IS EXPECTED. ABSORPTION READINGS IN THE POLAR CAP HAVE
BEEN FLUCTUATING SINCE 31 MAY AT 1800Z. THE MAXIMUM VALUE OBSERVED
WAS 1.1 DB AT 1200Z. ON 1 JUNE.
III. EVENT PROBABILITIES 02-04 JUNE
CLASS M 60/50/50
CLASS X 10/05/05
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 01 JUNE 145
PREDICTED 02-04 JUNE 144/144/143
90-DAY MEAN 01 JUNE 147
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 31 MAY 16
ESTIMATED AFR/AP 01 JUNE 09/10
PREDICTED AFR/AP 02-04 JUNE 12/12 - 12/12 - 14/14
SOLTERWARN
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