

HFUS/3 B DU 010430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDE NUMBER 152A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 05 00Z, 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 UNSETLED  
DURING THE NEXT 24 HOURS.

III. 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

PREDICTED AFR/AP 31 MAY 16/16

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

SOLTERWARN

BT

HFUS 31B OU 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 UNSETLED. NO  
SIGNIFICANT CHANGES ARE EXPECTED.

III. EVENT PROBABILITIES 01-03 JUNE

CLASS M 85/70/50

CLASS X 15/10/05

PREDICTED 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

PREDICTED AFR/AP 31 MAY 16/16

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

SOLIERWARN

BT

HEUS 1 B QU 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

I A. 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 PRODUCED 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.

I B. SOLAR ACTIVITY SHOULD BE LOW TO MODERATE DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET TO OCCASIONALLY UNSETLED 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

92-DAY MEAN 01 JUNE 147

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 31 MAY 16

ESTIMATED AFR/AP 01 JUNE 39/10

PREDICTED AFR/AP 02-04 JUNE 12/12 - 12/12 - 14/14

SOLTERWARN

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