

HFUS 3 BOU 310430

FROM SPAGE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDP NUMBER 151A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 31 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN AT A MODERATE LEVEL DURING THE PAST EIGHT HOURS. REGION 1136 (N15W40) AND 1141 (N32W64) HAVE PRODUCED NOVENERGETIC SUBFLARES. THE REST OF THE DISK HAS BEEN QUIET.

IB. REGION 1129 (N18W38) AND REGION 1134 (N21E02) ARE CAPABLE OF PRODUCING CLASS M ACTIVITY. REGIONS 1136 AND 1141 AS WELL AS OTHER REGIONS WILL PRODUCE CLASS C ACTIVITY. SOLAR ACTIVITY WILL CONTINUE AT MODERATE LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED DURING THE LAST EIGHT HOURS. IT IS EXPECTED THE FIELD WILL BE UNSETLED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 31 MAY - 02 JUNE

CLASS M 85/85/85

CLASS X 15/15/15

PROTON 10/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 MAY 146

PREDICTED 31 MAY - 02 JUNE 147/149/150

92-DAY MEAN 33 MAY 147

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 MAY 36

FESTIMATED AFR/AP 30 MAY 17/26

PREDICTED AFR/AP 31 MAY - 02 JUNE 15/15 - 10/12 - 07/10

SOLPERWARN

BT

WEUS 3 BOU 311500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 151B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 31 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN MODERATE. REGION 1129 (N17W43) HAD A
2B/M5 FLARE AT 1106Z (MAX). REGION 1139 (S15W24) HAD A SB FLARE AT
1132Z. FLUCTUATIONS WERE NOTED IN REGION 1134 (N21W03), AND AFS
WERE NOTED IN REGION 1139, 1134, 1136 (S15W43), AND 1138
(S22W72). THE REST OF THE DISK/LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD BE MODERATE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. CONDITIONS SHOULD BE UNSETTLED
FOR THE REST OF TODAY.

III. EVENT PROBABILITIES 31 MAY - 02 JUNE

CLASS M 85/85/85

CLASS X 15/15/15

PROTON 12/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 MAY 146

PREDICTED 31 MAY - 02 JUNE 147/149/150

90-DAY MEAN 30 MAY 147

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 29 MAY 06

ESTIMATED AFR/AP 30 MAY 17/26

PREDICTED AFR/AP 31 MAY - 02 JUNE 15/15 +/- 10/12 - 17/18

SOLARFLARES

BT

WEUS 1 B OU 312200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDE NUMBER 151

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 31 MAY 1978

I A. SOLAR ACTIVITY HAS BEEN MODERATE. REGION 1129 (N18W52) HAD
AN M-6/3B FLARE AT 1106Z (MAX) AND SEVERAL SUBFLARES. IT IS AN
E-TYPE GROUP BUT IS DECAYING. REGIONS 1133 (N23W62), 1134 (N21W07)
1138 (S22W83) AND 1139 (S17W32) HAD NON-ENERGETIC SUBFLARES. NEW
REGION 1143 (S27E18) IS A B-TYPE GROUP. THE REST OF THE DISK ALIMB
IS LITTLE CHANGED.

I B. SOLAR ACTIVITY SHOULD BE LOW TO MODERATE.

II. THE GEOMAGNETIC FIELD HAD BEEN ACTIVE AND BECAME QUIET FOR THE
LAST HALF OF THE DAY. CONDITIONS ARE EXPECTED TO BE UNSETLED FOR THE
NEXT 48 HOURS.

III. EVENT PROBABILITIES 01 JUNE - 03 JUNE

CLASS M 85/70/50

CLASS X 15/10/05

PROTON 10/05/35

PCAF GREEN

IV. OTTAWA 12.7 CM FLUX

OBSERVED 31 MAY 148

PREDICTED 01-03 JUNE 148/147/145

9-DAY MEAN 31 MAY 147

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 30 MAY 18

SSTIMATED AFR/AP 31 MAY 16/16

PREDICTED AFR/AP 01-03 JUNE 10/10 - 37/10 - 12/20

SOLARWARN

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