

HFUS 3 BOU 302430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 150A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 30 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN MODERATE DURING THE PAST EIGHT HOURS
REGIONS 1133 (N22W39), 1134 (N19E11) AND 1138 (S23W63) HAVE ALL
PRODUCED NON-ENERGETIC SUBFLARES. REGION 1129 (N17W28) HAS BEEN
QUIET AND STABLE. THE LIMBS ARE STABLE.

IB. ANY OF THE ABOVE MENTIONED REGIONS ARE CAPABLE OF ENERGETIC
ACTIVITY. SOLAR ACTIVITY WILL BE MODERATE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. IT IS
EXPECTED THE FIELD WILL CONTINUE TO BE UNSETTLED WITH SHORT
PERIODS OF ACTIVE CONDITIONS.

II. EVENT PROBABILITIES 30 MAY - 01 JUNE

CLASS M 80/80/80

CLASS X 15/15/15

PROTON 10/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 MAY 145

PREDICTED 30 MAY - 01 JUNE 144/144/144

30-DAY MEAN 29 MAY 147

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 MAY 05

ESTIMATED AFR/AP 29 MAY 09/09

PREDICTED AFR/AP 30 MAY - 01 JUNE 25/30 - 15/15 - 10/10

SOLTERWARN

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HFUS 3 BDU 301500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SOF NUMBER 150B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 30 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN MODERATE. REGION 1129 (N17W33)
HAD A 2B FLARE (M-5 XRAY) AT 0725Z AND A SN FLARE AT 0623Z. PLAGE
FLUCTUATIONS HAVE ALSO BEEN NOTED. REGION 1133 (N21W45) HAD A 1N FLARE
AT 0413Z. REGION 1138 (S23W68) HAD A SN FLARE AT 0354Z. REGION 1135
(N22W44) HAD A SN FLARE AT 0623Z. THE REST OF THE DISK/LIMB IS LITTLE
CHANGED.

IB. SOLAR ACTIVITY SHOULD REMAIN MODERATE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE AND SHOULD
REMAIN SO FOR THE REST OF TODAY.

III. EVENT PROBABILITIES 30 MAY - 01 JUNE

CLASS M 80/80/80

CLASS X 15/15/15

PROTON 10/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 MAY 145

PREDICTED 30 MAY - 01 JUNE 144/144/14

90-DAY MEAN 29 MAY 147

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 MAY 35

ESTIMATED AFR/AP 29 MAY 09/09

PREDICTED AFR/AP 30 MAY - 01 JUNE 20/30 - 15/15 - 10/10

SOLTERWAPN

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HFUS 1 B00 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SOF NUMBER 150

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 30 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN MODERATE. REGION 1129 (N18W35) HAS
HAD AN M-4/2B FLARE AT 0721Z, AN M-1/SB FLARE AT 1528Z, AND AN
M-4/1B FLARE AT 1927Z. ITS TRAILER SECTION IS DECAYING. REGIONS
1134 (N21E05) AND 1133 (N23W50) HAD SEVERAL SUBFLARES. NEW
REGIONS 1139 (S15W16), 1140 (S18W08), 1141 (N35W44), AND 1142
(N19W19) ARE ALL B-TYPE GROUPS. REGIONS 1134 AND 1135 ARE NOW
CONSIDERED ONE REGION UNDER THE NUMBER 1134. THE REST OF THE
DISK/LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD REMAIN MODERATE. REGION 1129 IS STILL
VERY COMPLEX.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE TODAY.
CONDITIONS SHOULD BE UNSETTLED TO SLIGHTLY ACTIVE FOR 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

90-DAY MEAN 30 MAY 147

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 MAY 06

ESTIMATED AFR/AP 30 MAY 17/26

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

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