

HEUS 3 BOU 300430

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

I A. 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.

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

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

III. EVENT PROBABILITIES 30 MAY - 01 JUNE

CLASS M 80/80/80

CLASS X 15/15/15

PREDICTED 10/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 MAY 145

PREDICTED 30 MAY - 01 JUNE 144/144/144

90-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 25/32 - 15/15 - 10/10

SOLTERWARN

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HFUS 3 B-OU 301500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 1150B  
JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 30 MAY 1978

I.A. 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 2413Z. REGION 1138 (S23W63) HAD A SN FLARE AT 0354Z. REGION 1135 (N22W44) HAD A SN FLARE AT 0623Z. THE REST OF THE DISK/LIMB IS LITTLE CHANGED.

I.B. SOLAR ACTIVITY SHOULD REMAIN MODERATE.

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

III. EVENT PROBABILITIES 30 MAY - 01 JUNE

CLASS M	.83/.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 INDICES

OBSERVED FREDERICKSBURG	28 MAY 25
ESTIMATED AFR/AP	29 MAY 09/09
PREDICTED AFR/AP	30 MAY - 01 JUNE 20/30 - 15/15 - 10/10

SOLIERWARN

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HFUS 1 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 150

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2210Z 30 MAY 1978

I A. SOLAR ACTIVITY HAS BEEN MODERATE. REGION 1129 (N18W35) HAS HAD AN M-4/2B FLARE AT 0721Z, AN M-1/SR FLARE AT 1528Z, AND AN M-4/1B FLARE AT 1927Z. ITS TRAILER SECTION IS DECAYING. REGIONS 1134 (N21E95) 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.

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

III. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE TODAY. CONDITIONS SHOULD BE UNSETLED 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 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

SOLAR WAR N

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