

130500Z

~~TOP SECRET~~

HFUS 3 BOU ~~102200Z~~
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 133A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 13 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1110 (S20E21) APPEARS TO BE
GROWING SLOWLY. THE REST OF THE DISK/LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO RE-
MAIN UNSETTLED FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 13 - 15 MAY

CLASS M 20/20/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 MAY 135

PREDICTED 13 - 15 MAY 139/143/146

90-DAY MEAN 12 MAY 146

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 MAY 21

ESTIMATED AFR/AP 12 MAY 17/28

PREDICTED AFR/AP 13 - 15 MAY 13/15 - 10/18 - 13/20

SOLTERWARN

BT

HFUS 3 BOU 131500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 133B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 13 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THIS PERIOD. REGIONS 1110
(S19E31) AND 1112 (N20E72) HAVE PRODUCED A FEW SUB FLARES.
REGION 1099 (S28W70) PRODUCED A C-7 X-RAY (IN OPTICAL) FLARE
AT 13/0751Z MAX. NEW REGION 1115 (N12E78) APPEARED AS AN
H-TYPE SPOT GROUP (OLD REGION 1089).

IB. SOLAR ACTIVITY WILL BE GENERALLY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST EIGHT HOURS
AND IS EXPECTED TO CONTINUE QUIET TO UNSETLED THIS PERIOD.

III. EVENT PROBABILITIES 13 - 15 MAY

CLASS M 20/20/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 MAY 135

PREDICTED 13 - 15 MAY 139/143/146

90-DAY MEAN 12 MAY 146

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 MAY 21

ESTIMATED AFR/AP 12 MAY 17/28

PREDICTED AFR/AP 13 - 15 MAY 10/15 - 10/18 - 13/20

SOLTERWARN

BT

HFUS 1 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 133

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 13 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. RGN 1099 (S28W70) PRODUCED A C-7
X-RAY (IN OPTICAL) FLARE AT 13/075 1Z MAX. NEW REGIONS 1115 (N12E74)
"H" TYPE, 1116 (S15W44) "A" TYPE, AND 1117 (S26W30) "B" TYPE
SPOT GROUPS HAVE APPEARED.

IB. SOLAR ACTIVITY WILL BE LOW.

II. GEOMAGNETIC FIELD HAS BEEN BASICALLY QUIET AND IS EXPECTED TO
CONTINUE AT THIS LEVEL FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 14 MAY - 16 MAY

CLASS M 20/20/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 MAY 137

PREDICTED 14-16 MAY 140/143/147

90-DAY MEAN 13 MAY 146

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 MAY 20

ESTIMATED AFR/AP 13 MAY 08/12

PREDICTED AFR/AP 14-16 MAY 10/15 - 13/20 - 15/25

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