

HFUS 3 BOU 140430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 134A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 14 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1112 (N22E49) HAD A SN
FLARE AT 0038Z (MAX). REGION 1117 (S23W34) HAD A SF FLARE AT
0030Z (MAX). THE REST OF THE DISK/LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD BE LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 8 HOURS.
CONDITIONS SHOULD BE UNSETTLED FOR THE REST OF THE DAY.

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

SOLTERWARN

BT

HFUS 3 BOU 141500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 134B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 14 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. THE LARGEST EVENT, A C-6 AT 1403Z
(MAX), WAS ASSOCIATED WITH A BRIGHT EJECTA FROM REGION 1099
(S27W82). REGION 1115 (N15E65) PRODUCED A IN/C4 AT 1118Z (MAX).

SUBFLARES ALSO OCCURRED IN REGIONS 1110 (S12E02) AND 1112 (N23E43)

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED. GENERALLY
UNSETTLED CONDITIONS ARE EXPECTED FOR THE BALANCE OF THE THREE DAY
FORECAST, WITH PERIODS OF ACTIVE CONDITIONS THE LATTER HALF OF THE
FORECAST TIME.

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

SOLTERWARN

BT

HFUS 1 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 134

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. THE LARGEST EVENT, A C-6 X-RAY BURST AT 1403Z MAX, WAS ASSOCIATED WITH A SN FLARE AND SPRAY IN REGION 1099 (S28W88). REGIONS 1110 (S20W01) AND 1112 (N21E39) SHOW SOME DEGREE OF COMPLEXITY BUT SUBFLARES IN THESE REGIONS HAVE BEEN LOW LEVEL CLASS C X-RAY BURSTS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. THE FIELD IS EXPECTED TO BE GENERALLY UNSETTLED DURING DAYLIGHT AND ACTIVE DURING NIGHT TIME OVER THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 15 MAY - 17 MAY

CLASS M 15/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 MAY 141

PREDICTED 15-17 MAY 144/149/154

90-DAY MEAN 14 MAY 146

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 MAY 09

ESTIMATED AFR/AP 14 MAY 11/13

PREDICTED AFR/AP 15-17 MAY 15/18 - 15/25 - 12/20

SOLTERWARN

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