

HFUS 3 BOU 160430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 136A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 16 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
THE REGIONS ON THE DISK ARE ALL STABLE AND QUIET. THE LIMBS ARE
QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED DURING THE
PAST EIGHT HOURS. IT IS EXPECTED THAT THIS CONDITION WILL
CONTINUE DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 16 MAY - 18 MAY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 MAY 143

PREDICTED 16-18 MAY 146/148/152

90-DAY MEAN 15 MAY 146

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 MAY 13

ESTIMATED AFR/AP 15 MAY 05/06

PREDICTED AFR/AP 16-18 MAY 10/15 - 10/15 - 10/13

SOLTERWARN

BT

HFUS 3 BOU 161500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 136B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 16 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1110 (S18W24) HAD A IN
FLARE (C-2 X-RAY) AT 0457Z (MAX) AND A SF AT 1240Z (MAX).
REGION 1112 (N21E16) HAS SHOWN SOME GROWTH IN ITS TRAILER PORTION.
NEW REGION 1119 (N15E01) IS AN A-TYPE SPOT AND NEW REGION 1120 (S13
E62) IS A B-TYPE GROUP. NEW REGION 1121 (N21E50) IS 6 DEGREES EAST OF
LOCATION OF 1118 WHICH HAS DISAPPEARED. THE REST OF THE DISK/LIMB IS
LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 8 HOURS.
QUIET TO UNSETTLED CONDITIONS ARE EXPECTED FOR THE REST OF TODAY.

III. EVENT PROBABILITIES 16-18 MAY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 MAY 143

PREDICTED 16-18 MAY 146/148/152

90-DAY MEAN 15 MAY 146

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 MAY 13

ESTIMATED AFR/AP 15 MAY 05/06

PREDICTED AFR/AP 16-18 MAY 05/12 - 10/15 - 10/13

SOLTERWARN

BT

HFUS 1 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 136

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 16 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1108 (N17W57) HAD A IN
FLARE AT 1630Z (MAX). REGION 1110 (S21W28) HAD A IN FLARE (C-2
X-RAY) AT 0447Z (MAX). REGION 1112 (N21E09) HAD SEVERAL SUBFAINT
FLARES AND HAS GROWN IN ITS TRAILER PORTION. NEW REGION 1119
(N15W03) IS A B-TYPE GROUP; NEW REGION 1120 (S18E56) IS A B-TYPE
GROUP; NEW REGION 1121 (N21E47) IS A B-TYPE GROUP. THE REST OF
THE DISK LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW UNTIL OLD REGION 1092 RETURNS
ON MAY 20-21.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. UNSETTLED CONDITIONS ARE
EXPECTED FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 17 MAY - 19 MAY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 MAY 149

PREDICTED 17-19 MAY 152/155/158

90-DAY MEAN 16 MAY 146

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 MAY 07

ESTIMATED AFR/AP 16 MAY 05/10

PREDICTED AFR/AP 17-19 MAY 10/12 - 13/15 - 16/17

SOLTERWARN

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