

HFUS 3 BOU 100430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 130A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 10 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
WITH THE WEST LIMB PASSAGE OF REGIONS 1092 AND 1095 SOLAR ACTIVITY
WILL BE AT A LOW LEVEL. REGION 1110 (S18E62) HAS SHOWN SOME GROWTH
THE REST OF THE DISK IS QUIET AND STABLE.

IB. SOLAR ACTIVITY WILL BE LOW TO MODERATE DURING THE FORECAST
PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST EIGHT HOURS
IT IS EXPECTED THE FIELD WILL BE UNSETTLED TO SLIGHTLY ACTIVE AND
THEN DROP OFF TO UNSETTLED.

III. EVENT PROBABILITIES 10 MAY - 12 MAY

CLASS M 50/10/10

CLASS X 10/01/01

PROTON 30/10/01

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 MAY 133

PREDICTED 10-12 MAY 130/127/124

90-DAY MEAN 09 MAY 147

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 MAY 14

ESTIMATED AFR/AP 09 MAY 49/69

PREDICTED AFR/AP 10-12 MAY 25/30 - 20/20 - 14/14

SOLTERWARN

BT

HFUS 3 BOU 101500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 130B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 10 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. NO OPTICAL FLARES HAVE BEEN REPORTED
AND X-RAY BURSTS HAVE BEEN LOW LEVEL WITH A FLAT, EXTENDED TEMPORAL
PROFILE. ALL THE DISK REGIONS ARE STABLE WITH ONLY REGION 1110
(S18E56) SHOWING SLIGHT GROWTH.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW FOR THE BALANCE OF THE
FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET SINCE THE END OF THE MAG
STORM AT 09/2300Z. THE FIELD IS EXPECTED TO BE VARIABLE FROM UNSET-
TLED TO STORM LEVEL THROUGH 12 MAY.

III. EVENT PROBABILITIES 10 MAY - 12 MAY

CLASS M 50/10/10

CLASS X 10/01/01

PROTON 30/10/01

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 MAY 133

PREDICTED 10-12 MAY 130/127/124

90-DAY MEAN 09 MAY 147

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 MAY 14

ESTIMATED AFR/AP 09 MAY 49/69

PREDICTED AFR/AP 10-12 MAY 25/30 - 20/20 - 14/14

SOLTERWARN

BT

HFUS 1 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 130

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 10 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THIS ZULU DAY. NO OPTICAL FLARES
HAVE BEEN REPORTED AND THE SEVERAL X-RAY BURSTS HAVE BEEN LOW
LEVEL CLASS C EVENTS. REGION 1111 IS EMERGING AT S32E41 AND
CURRENTLY IS A B-TYPE SPOT GROUP. REGION 1110 (S18E51) CONTINUES
A SLOW GROWTH. MINOR SURGING AND CORONAL RAIN IS OCCURRING NEAR
NE20.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD WAS QUIET UNTIL 2000Z, WHEN IT BECAME
UNSETTLED. THE FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE
THROUGH THE NEXT THREE DAYS, WITH ACTIVE TO SHORT PERIODS AT
STORM LEVEL EXPECTED ON 12 MAY.

III. EVENT PROBABILITIES 11 MAY - 13 MAY

CLASS M 10/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 MAY 127

PREDICTED 11-13 MAY 130/132/136

90-DAY MEAN 10 MAY 147

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 MAY 65

ESTIMATED AFR/AP 10 MAY 05/10

PREDICTED AFR/AP 11-13 MAY 13/15 - 25/25 - 13/15

SOLTERWARN

BT