

HFUS 3 BOU 110430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 131A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 11 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1109 (N 19E 39) HAS PRODUCED
A ONE NORMAL FLARE. PALEHUA REPORTS THAT REGION 1009 IS NOW SPOTLESS
THE REST OF THE DISK IS STABLE.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST EIGHT
HOURS. IT IS EXPECTED THE FIELD WILL REMAIN ACTIVE TO UNSETLED
DURING THE FORECAST PERIOD.

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 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

HFUS 3 BOU 111500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 131B
JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 11 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1109 (N19E33) HAS BEEN
REPORTED AS SPOTLESS. THIS REGION PRODUCED A 1B/C3 FLARE AT
10/2157Z AND A 1N/C3 AT 11/0249Z. REGION 1108 (N17E20) MAY BE
DEVELOPING ANOMOLOUS POLES ABOUT THE H-TYPE SPOT. LITTLE
STRUCTURAL CHANGES HAVE OCCURRED IN THE OTHER REGIONS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD WAS ACTIVE, WITH SUBSTORM INDUCED K'S
OF 4 AND 5 BETWEEN 02-07Z. THE FIELD IS EXPECTED TO BE
VARIABLE FROM UNSETTLED TO SHORT PERIODS AT STORM LEVEL THROUGH
13 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

SOLIERWARN

BT

HFUS 1 BOU 112200R
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO.
SDF NUMBER 131

JOINT USAF/FOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 MAY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW WITH ONLY LOW LEVEL CLASS C X-RAY
BURSTS OCCURRING. COINCIDENT OPTICAL FLARES HAVE BEEN IN
REGIONS 1108 (N 17E 10) AND 1109 (N 17E 31). FLARE AND PLAGE ACTIVITY
IN REGION 1109 INDICATES POSSIBLE RESURGENCE OF GROWTH IN THIS REGION
THOUGH NO OPTICAL FLARES HAVE BEEN REPORTED IN REGION 1110 (S 19E 38).
A DELTA CONFIGURATION EXISTS IN THIS REGION AND APPARENTLY A
MODERATE GROWTH RATE IS BEING RE-ESTABLISHED.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW BUT MAY INCREASE IN THE
LATTER HALF OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE, WITH SUBSTORM INDUCED
K'S OF 4 AND 5 BETWEEN 02-07Z. THE FIELD IS EXPECTED TO BE VARIABLE
FROM UNSETTLED TO SHORT PERIODS AT STORM LEVEL, WITH DAILY INDICES
IN THE ACTIVE CATEGORY.

III. EVENT PROBABILITIES 12-14 MAY

CLASS M 15/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 MAY 131

PREDICTED 12-14 MAY 135/139/143

90-DAY MEAN 11 MAY 147

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 MAY 11

ESTIMATED AFR/AP 11 MAY 20/30

PREDICTED AFR/AP 12-14 MAY 25/25 - 15/15 - 15/15

SOLTERWARN

BT