

HFUS 3 BOU 010500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 121A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 01 MAY 1977

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. REGION 813 (S19E14)
CONTINUES TO DECAY. MINOR SURGING IS OCCURRING NEAR NE30. A
SMALL REGION IS EMERGING NEAR N14E40.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN MODERATELY UNSETTLED THE
PAST 7 HOURS. GENERALLY ACTIVE CONDITIONS ARE EXPECTED FOR THE
NEXT 17 HOURS.

III. EVENT PROBABILITIES 01-03 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 APR 076

PREDICTED 01-03 MAY 077/078/079

90-DAY MEAN 30 APR 079

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 APR 17

ESTIMATED AFR/AP 30 APR 08/08

PREDICTED AFR/AP 01-03 MAY 12/15 - 15/20 - 20/30

SOLTERWARN

BT

HFUS 3 BOU 011500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 121B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 1 MAY 1977

IA. SOLAR ACTIVITY IS VERY LOW. MINOR SURGING CONTINUES AT N28
ON EAST LIMB. REGION 813 (S19E19) HAS ONLY SMALL SPOTS AND
RUDIMENTARY PENUMBRA AND CONTINUES TO DECLINE.

IB. NO ACTIVITY IS EXPECTED DURING THE NEXT THREE DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.
QUIET TO UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT 24 HOURS,
UNSETTLED TO ACTIVE ON 2 MAY AND THE RECURRENCE OF MINOR STORM
ACTIVITY ON 3 MAY.

III. EVENT PROBABILITIES 01-03 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 APR 076

PREDICTED 01-03 MAY 077/078/079

90-DAY MEAN 30 APR 079

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 APR 17

ESTIMATED AFR/AP 30 APR 08/08

PREDICTED AFR/AP 01-03 MAY 12/15 - 15/20 - 20/30

SOLTERWARN

BT

HFUS 1 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 121

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 01 MAY 1977

IA. SOLAR ACTIVITY CONTINUES VERY LOW. NO SOLAR EVENTS HAVE
OCCURRED SINCE A FAINT SUBFLARE AT 0225Z IN REGION 813(S20E05).
THIS REGION CONTINUES TO DECLINE AND NOW CONTAINS A SMALL TYPE A
SPOT GROUP. A SMALL SPOT WITH PENUMBRA (REGION 814) ROTATED INTO
VIEW AT N35 E70 ACCOMPANIED BY A LARGE FAINT PLAGE. NUMEROUS
SMALL SURGES HAVE ACCOMPANIED THE LIMB TRANSIT.

IB. NO SIGNIFICANT INCREASE IN SOLAR ACTIVITY IS EXPECTED FOR
THE NEXT THREE DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED
DURING THE PAST 24 HOURS. CONDITIONS ARE EXPECTED TO BECOME
GRADUALLY MORE ACTIVE DURING THE NEXT THREE DAYS, WITH MOST OF
THE ACTIVITY DURING LOCAL NIGHTTIME. ACTIVITY IS EXPECTED TO PEAK
ON THE THIRD DAY WHEN THE EARTH WILL INTERCEPT A RECURRENT SOLAR
WIND STREAM. THIS MINOR STORM MAY BE WEAKER THAN LAST MONTH AS
INDICATED BY A WEAKER SIGNATURE FOR THE CORONAL HOLE IN 10830
SPECTROHELIOGRAMS.

III. EVENT PROBABILITIES 02-04 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 MAY 76

PREDICTED 02-04 MAY 078/079/079

90-DAY MEAN 01 MAY 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 APRIL 09

ESTIMATED AFR/AP 01 MAY 08/08

PREDICTED AFR/AP 02-04 MAY 15/15 - 15/15 - 25/25

SOLTERWARN

BT