

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 UNSETLED 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 UNSETLED CONDITIONS ARE EXPECTED FOR THE NEXT 24 HOURS,
UNSETLED 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

ESTIMATED AFR/AP 29 APR 17

PREDICTED AFR/AP 30 APR 08/08

SOLTERWARN 01-03 MAY 12/15 - 15/20 - 20/30

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 ACCCOMPANIED 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 UNSETLED 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