

HFUS 3 BOU 040530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 094A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 04 APRIL 1977

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. SMALL PLAGE HAVE
ROTATED ONTO THE DISK NEAR N01E80 AND N25E75, NO SPOTS HAVE BEEN
REPORTED AT THESE LOCATIONS. REMAINDER OF THE DISK REMAINS
UNCHANGED. MINOR X-RAY ENHANCEMENTS HAVE OCCURRED IN THE PAST 12
HOURS, HOWEVER, NO CORRESPONDING OPTICAL ACTIVITY WAS REPORTED.

IB. NO INCREASE IN SOLAR ACTIVITY IS EXPECTED THRU THE FORECAST
PERIOD.

II. MINOR STORM CONDITIONS BEGAN IN BOULDER AT 04/0140Z. THE
FIELD IS CURRENTLY UNSETTLED. THE GEOMAGNETIC FIELD SHOULD BE
GENERALLY UNSETTLED TO ACTIVE FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 04 APRIL - 06 APRIL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 APRIL 77

PREDICTED 04-06 APRIL 78/78/78

90-DAY MEAN 03 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 APRIL 04

ESTIMATED AFR/AP 03 APRIL 09/07

PREDICTED AFR/AP 04-06 APRIL 18/20 - 15/15 - 18/25

SOLTERWARN

BT

HFUS 3 BOU 041500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 094B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 4 APRIL 1977

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. WEATHER HAS HAMPERED
OBSERVATIONS AT MOST OBSERVATORIES BUT SEVERAL PERTURBATIONS IN THE
X-RAY BACKGROUND WOULD SUGGEST THAT SOME ACTIVITY IS OCCURRING.

IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL BUT THE TOTAL
VOID OF THE PAST SEVERAL DAYS WILL PROBABLY BE BROKEN.

II. THE GEOMAGNETIC FIELD HAS RETURNED TO UNSETTLED CONDITIONS
AFTER EXPERIENCING MINOR STORM CONDITIONS EARLIER TODAY. GENERALLY
UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED FOR THE DURATION OF THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 04-06 APRIL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 APRIL 77

PREDICTED 04-06 APRIL 78/78/78

90-DAY MEAN 03 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 APRIL 04

ESTIMATED AFR/AP 03 APRIL 09/07

PREDICTED AFR/AP 04-06 APRIL 18/20 - 15/15 - 18/25

SOLTERWARN

BT

HFUS 1 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 094

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 04 APRIL 1977

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 800 (N26W55)
AGAIN HAS A TINY "A" TYPE SPOT GROUP WHILE REGION 802 (N24W51)
HAS APPARENTLY LOST ITS SMALL "B" TYPE GROUP. A SMALL BRIGHT
PLAGE NEAR S01E70 HAS BEEN NUMBERED REGION 803 DUE TO ITS
BRIGHTNESS.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL FOR THE NEXT
THREE DAYS.

II. THE GEOMAGNETIC FIELD EXPERIENCED MINOR STORM CONDITIONS
BETWEEN 04/0140Z AND 04/0900Z. SINCE 04/0900Z THE FIELD HAS BEEN
MOSTLY UNSETTLED. UNSETTLED TO ACTIVE CONDITIONS SHOULD PERSIST
FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 05-07 APRIL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 APRIL 77

PREDICTED 05-07 APRIL 77/78/78

90-DAY MEAN 04 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 APRIL 10

ESTIMATED AFR/AP 04 APRIL 20/28

PREDICTED AFR/AP 05-07 APRIL 15/20 - 18/20 - 15/20

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