

HFUS 1 BOU 110420

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 224A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 11 AUGUST 1976

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. VISIBLE DISK REGIONS ARE
UNCHANGED.

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

II. THE GEOMAGNETIC FIELD IS UNSETTLED. UNSETTLED TO ACTIVE
CONDITIONS ARE EXPECTED FOR THE NEXT 48 HOURS WITH QUIET CONDITIONS
RETURNING ON 13 AUGUST.

III. EVENT PROBABILITIES 11 AUGUST - 13 AUGUST

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 AUGUST 81

PREDICTED 11-13 AUGUST 80/79/79

90-DAY MEAN 10 AUGUST 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 AUGUST 14

ESTIMATED AFR/AP 10 AUGUST 07/13

PREDICTED AFR/AP 11-13 AUGUST 10/10 - 15/15 - 08/05

SOLTERWARN

BT

HFUS 1 BOU 111430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 224-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 11 AUG 1976
IA. SOLAR ACTIVITY REMAINED VERY LOW DURING THE PAST 12 HOURS
WITH NO SIGNIFICANT CHANGES IN THE LARGE REGION 724 (N15W48)
OR THE SMALL REGION 728 (N24E06).
IB. NO INCREASE IN ACTIVITY IS EXPECTED.
II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. UNSETTLED CONDITIONS
SHOULD PREVAIL THIS FORECAST PERIOD.
III. EVENT PROBABILITIES 11 - 13 AUG
CLASS M 10/10/10
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 10 AUG 81
PREDICTED 11 - 13 AUG 80/79/78
90-DAY MEAN 10 AUG 71
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 09 AUG 14
ESTIMATED AFR/AP 10 AUG 07/13
PREDICTED AFR/AP 11 - 13 AUG 10/10 - 15/15 - 08/05
SOLTERWARN
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GEOALERT WWA224 110300
91210 10340 20810 30070 4////
44415 00000 11024 00000
80611 77773 44415 QUIET 11024 QUIET
SOLQUIET MAGQUIET
FIN
SOLTERWARN

HFUS 1 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 224

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 AUGUST 1976

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. REGION 724 (N15W56)
CONTINUES WITH A LARGE SUNSPOT SURROUNDED BY FLUCTUATING PLAGE.
SPOT ROTATION HAS BEEN EVIDENT FOR FOUR DAYS. MINOR GROWTH HAS
OCCURRED IN REGION 728 (N24E02) WHICH REMAINS A TYPE-B SUNSPOT
GROUP.

IB. SOLAR ACTIVITY COULD INCREASE IF ROTATION AND SPOT GROWTH
ENHANCE IN REGION 724. PERSISTENCE AND THE SOLAR MINIMUM INDICATE
MOST LIKELY CONTINUATION OF NO ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 12 HOURS.
QUIET TO SLIGHTLY UNSETTLED CONDITIONS SHOULD CONTINUE THROUGH
THIS FORECAST PERIOD. THE EMERGENCE OF REGION 724 HAS INTERRUPTED
A RECURRENT PATTERN OF SOLAR WIND SO THAT WE PREDICT QUIET AT A
TIME PRECEDED 27 DAYS AGO BY MILD ACTIVITY.

III. EVENT PROBABILITIES 12 AUGUST - 14 AUGUST

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 AUGUST 78

PREDICTED 12-14 AUGUST 77/76/75

90-DAY MEAN 11 AUGUST 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 AUGUST 07

ESTIMATED AFR/AP 11 AUGUST 08/08

PREDICTED AFR/AP 12-14 AUGUST 08/08 - 08/08 - 08/08

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