

HFUS 1 BOU 020500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 245A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 02 SEPTEMBER 1974

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL. NO FLARES HAVE BEEN
OBSERVED DURING THE LAST 4 DAYS.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL DURING THE
NEXT 24 HOURS.

II. THE MINOR GEOMAGNETIC DISTURBANCE CONTINUES AND WILL CONTINUE
DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES - NO CHANGE

IV. OTTAWA 10.7 CM FLUX - NO CHANGE

V. GEOMAGNETIC A INDICES - NO CHANGE

SOLTERWARN

BT

HFUS 1 BOU 021430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 245B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 02 SEP 1974
IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARE OBSERVED IN
OVER 4 DAYS. THE SOLAR DISK REMAINS NEARLY FEATURELESS, BUT A
PROMINENCE AT NW 02-16 WAS DESCRIBED BY TEHRAN AT 02/1100Z AS
VERY ACTIVE WITH A TENDANCY TO LIFT OFF.
IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW THROUGH THE FORECAST
PERIOD.
II. A GEOMAGNETIC SUBSTORM PRODUCED MINOR STORM CONDITIONS AT
BOULDER BETWEEN 02/06Z - 02/12Z, BUT CONDITIONS HAVE SINCE QUIETED
CONSIDERABLY. ACTIVE GEOMAGNETIC CONDITIONS SHOULD CONTINUE WITH
SUBSTORM ACTIVITY DURING LOCAL NIGHT HOURS.
III. EVENT PROBABILITIES 02-04 SEP
CLASS M 03/03/03
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 01 SP 76
PREDICTED 02-04 SEP 78/80/82
90-DAY MEAN 01 SEP 87
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 31 AUG 18
ESTIMATED AFR/AP 01 SEP 15/27
PREDICTED AFR/AP 02-04 SEP 16/22 - 16/22 - 16/22
SOLTERWARM
BT

HFUS BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 245

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 02 SEPTEMBER 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED DURING
THE LAST 5 DAYS. REGION 479 (S07E49) REMAINS THE ONLY REGION ON THE
DISK, CONTAINING A SINGLE H TYPE SPOT AND VERY LITTLE PLAGE.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW THROUGH THE FORECAST
PERIOD.

II. THE GEOMAGNETIC FIELD REMAINS ACTIVE WITH MINOR STORM CONDITIONS
OBSERVED DURING PORTIONS OF THE LOCAL NIGHT HOURS. SIMILAR CONDITIONS
ARE EXPECTED TO CONTINUE THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 03 SEPT - 05 SEPT

CLASS M 02/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 SEPT 78

PREDICTED 03 SEPT - 05 SEPT 80/82/84

90-DAY MEAN 02 SEPT 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 SEPT 17

ESTIMATED AFR/AP 02 SEPT 19/25

PREDICTED AFR/AP 03 SEPT - 05 SEPT 18/25 - 18/25 - 18/25

SOLTERWARN

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