

HFUS I BOU 010500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 244A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 01 SEPTEMBER 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. NO FLARES HAVE BEEN OBSERVED.

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

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HFUS BOU 011430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 244B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 01 SEP 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED DURING THE LAST 24 HOURS. THE SOLAR DISK IS NEARLY FEATURELESS WITH ONLY A SINGLE H. TYPE SPOT AT S09 E68 (RGN 479), BUT LITTLE PLAGE IS VISIBLE IN THIS REGION.

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

II. A GEOMAGNETIC SUBSTORM BETWEEN 01/03Z-06Z RESULTED IN A K VALUE OF 5 AT MID LATITUDES. HOWEVER, THIS DISTURBANCE HAS SINCE SUBSIDED. GENERALLY ACTIVE CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD WITH CONTINUED SUBSTORM ACTIVITY LIKELY DURING LOCAL NIGHT HOURS.

III. EVENT PROBABILITIES 01 SEP - 03 SEP

CLASS M 03/03/03
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
OTTAWA 10.7 CM FLUX
OBSERVED 31 AUG 74
PREDICTED 01 SEP - 03 SEP 74/74/75
90-DAY MEAN 31 AUG 87

V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 30 AUG 12
ESTIMATED AFR/AP 31 AUG 18/19
PREDICTED AFR/AP 01 SEP - 03 SEP 19/25 - 16/22 - 15/20

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HFUS BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 244

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 01 SEPTEMBER 1974

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. NO FLARES HAVE BEEN
REPORTED FOR 4 DAYS. THE TWO REGIONS CURRENTLY VISIBLE ON THE SOLAR
DISK ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGH THE FORE-
CAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY ACTIVE FOR THE PAST 24
HOURS. THE FIELD IS EXPECTED TO CONTINUE GENERALLY ACTIVE THROUGH THE
FORECAST PERIOD, WITH DISTURBED PERIODS OBSERVED DURING LOCAL NIGHT-
TIME HOURS.

III. EVENT PROBABILITIES 02 SEPT - 04 SEPT

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 SEPT 76

PREDICTED 02 SEPT - 04 SEPT 78/80/82

90-DAY MEAN 01 SEPT 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 AUG 18

ESTIMATED AFR/AP 01 SEPT 15/27

PREDICTED AFR/AP 02 SEPT - 04 SEPT 16/22 - 16/22 - 16/22

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