

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

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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

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