

HFUS 1 BOU 020600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 214A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 02 AUGUST 1974

IA. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL. DURING THE PAST  
EIGHT HOURS ONLY ONE NON-ENERGETIC SUBFLARE HAS BEEN OBSERVED. THE  
REGIONS ALL APPEAR STABLE.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW TO MODERATE LEVEL. CLASS  
C FLARES ARE EXPECTED AND A SMALL CLASS M FLARE IS PROBABLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST EIGHT HOURS.  
THE FIELD WILL REMAIN QUIET TO UNSETTLED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1 BOU 021400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 214B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1400Z 02 AUG 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW, CONSISTING ONLY OF CLASS C SUBFLARES FROM REGION 457(S09W49). THOUGH THE REGION HAS GROWN AND CHANGED SLIGHTLY, IT REMAINS SMALL AND RELATIVELY SIMPLE.

IB. THE PRESENT CONDITIONS ARE EXPECTED TO CONTINUE WITH CLASS C FLARES EXPECTED OCCASIONALLY FROM REGION 457 AND WITH SOME CHANCE OF REACHING MINIMAL CLASS M THRESHOLDS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN QUIET UNTIL 03/04 AUG WHEN UNSETTLED-TO-ACTIVE CONDITIONS ARE EXPECTED TO BEGIN AND PERSIST FOR THE SUCCEEDING 7 DAYS.

III. EVENT PROBABILITIES 02 AUG - 04 AUG

CLASS M 15/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 AUG 83

PREDICTED 02 - 04 AUG 83/82/81

90-DAY MEAN 01 AUG 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 JUL 06

ESTIMATED AFR/AP 01 AUG 08/09

PREDICTED AFR/AP 02- 04 AUG 06/07 - 12/13 - 16/18

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HFUS BOU 022200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 214  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 02 AUGUST 1974  
IA. SOLAR ACTIVITY HAS REMAINED VERY LOW THE PAST 24 HOURS.  
ONLY TWO NON-ENERGETIC SUBFLARES HAVE BEEN REPORTED IN THE PAST  
24 HOURS. ALL REGIONS ARE STABLE OR SLOWLY DECLINING.  
IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW THE NEXT 72 HOURS.  
NO SIGNIFICANT REGIONS ARE DUE TO RETURN.  
II. THE GEOMAGNETIC FIELD BECAME ACTIVE AT 1220Z. IT IS EXPECTED  
TO REMAIN ACTIVE THE NEXT 72 HOURS.  
III. EVENT PROBABILITIES 03 - 05 AUGUST  
CLASS M 10/10/10  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 02 AUGUST 83  
PREDICTED 03 - 05 AUGUST 83/82/81  
90-DAY MEAN 02 AUGUST 89  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 01 AUGUST 07  
ESTIMATED AFR/AP 02 AUGUST 14/20  
PREDICTED AFR/AP 03 - 05 AUGUST 16/23 - 16/23 - 16/23  
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