

HFUS 1 BOU 230500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 235A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 23 AUGUST 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 7 HOURS. OCCASSIONAL  
NON ENERGETIC SUBFLARES HAVE OCCURRED IN REGIONS 475 (N02E30)  
AND 476 (S12W49).

IB. ACTIVITY IS EXPECTED TO REMAIN AT GENERALLY LOW LEVELS.

II. THE MINOR GEOMAGNETIC STORM CONTINUES BUT IS GRADUALLY DE-  
CREASING. CONDITIONS ARE EXPECTED TO SUBSIDE TO ACTIVE LEVELS WITH-  
IN 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 231430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 235B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 23 AUGUST 1974

IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC STORM HAS INTENSIFIED DURING THE PAST  
12 HOURS. IT SHOULD SLOWLY RETURN TO DISTURBED CONDITIONS IN  
NEXT 24 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. GEOMAGNETIC A INDICES

ESTIMATED AFR/AP 23 AUGUST 30/45

PREDICTED AFR/AP 24 - 26 AUGUST 25/30 - 20/25 - 16/20

SOLTERWARN

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HFUS 1 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 235

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 23 AUGUST 1974

IA. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL. ONLY TWO MINOR FLARES  
IN AR 476 (S12W50) HAVE BEEN REPORTED.

IB. CONTINUED LOW LEVEL OF SOLAR ACTIVITY.

II. THE GEOMAGNETIC STORM SHOULD CONTINUE FOR 12 HOURS, AND BE  
FOLLOWED BY DISTURBED CONDITIONS FOR SEVERAL DAYS.

III. EVENT PROBABILITIES 24 AUG - 26 AUG

CLASS M 20/20/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 AUG 79

PREDICTED 24 AUG - 26 AUG 81/81/80

90-DAY MEAN 23 AUG 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 AUG 33

ESTIMATED AFR/AP 23 AUG 32/45

PREDICTED AFR/AP 24 AUG - 26 AUG 25/30 - 20/25 - 15/20

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