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HFUS 1 BOU 210500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 233A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0500Z 21 AUGUST 1974

IA. SOLAR ACTIVITY CONTINUES AT VERY LOW LEVELS. NO SIGNIFICANT  
CHANGES HAVE OCCURRED ON THE DISK.

IB. ACTIVITY IS EXPECTED TO REMAIN VERY LOW UNLESS DEVELOPMENT  
TAKES PLACE IN REGIONS 475 (N02E56) OR 476 (S12W19).

II. THE GEOMAGNETIC FIELD CONTINUES TO EXPERIENCE MINOR STORM  
CONDITIONS. ACTIVE TO MINOR STORM CONDITIONS ARE EXPECTED TO PRE-  
DOMINATE THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS BOU 211430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 233B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 21 AUGUST 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGIONS REMAIN SIMPLE MAGNETICALLY  
WITH SLOW GROWTH CONTINUING IN REGION 476 (S12 W22).

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW TO LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN AT STORM CONDITIONS DURING THE  
PAST 15 HOURS. LOCAL DAY LIGHT ACTIVE CONDITIONS AND LOCAL NIGHT  
TIME STORM CONDITIONS ARE EXPECTED FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 21 - 23 AUG

CLASS M 10/10/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 AUG 81

PREDICTED 21 - 23 AUG 83/84/84

90-DAY MEAN 20 AUG 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 AUG 29

ESTIMATED AFR/AP 20 AUG 37/55

PREDICTED AFR/AP 21 - 23 AUG 28/40 - 23/30 - 25/34

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HFUS 1 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 233

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 21 AUGUST 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. TWO CLASS C-1 X-RAY EVENTS  
HAVE OCCURRED DURING THE PAST 24 HOURS. REGION 476 (S12W32) CON-  
TINUES ITS SLOW GROWTH. BOTH REGIONS 472 (S14W28) AND 475 (N02E46)  
ARE CURRENTLY UNIPOLAR.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW TO LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR STORM CONDITIONS. THE  
FIELD IS EXPECTED TO BE ACTIVE DURING LOCAL DAY LIGHT HOURS WITH  
STORM CONDITIONS DURING LOCAL NIGHT HOURS FOR THE NEXT 36 HOURS.  
UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED BY THE LATTER PART OF  
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 22-24 AUG

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 AUG 81

PREDICTED 22-24 AUG 82/83/81

90-DAY MEAN 21 AUG 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 AUG 41

ESTIMATED AFR/AP 21 AUG 30/42

PREDICTED AFR/AP 22-24 AUG 22/30 - 25/33 - 17/20

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