

HFUS 1 BOU 240600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 144A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 24 MAY 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW.

IB. NO SIGNIFICANT ACTIVITY IS EXPECTED.

II. ACTIVE GEOMAGNETIC CONDITIONS AT MID LATITUDES AND MINOR STORM  
CONDITIONS AT HIGH LATITUDES CONTINUE. SIMILAR CONDITIONS DURING  
LOCAL NIGHTTIME ARE EXPECTED FOR THE REMAINDER OF THE FORECAST  
PERIOD.

III. EVENT PROBABILITIES NO CHNAGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1 BOU 241400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 144B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 24 MAY 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW AS THERE HAVE BEEN NO  
FLARES REPORTED IN THE PAST 48 HOURS.

IB. SOLAR ACTIVITY MAY INCREASE TOWARD THE END OF THIS PERIOD  
AS SEVERAL ACTIVE REGIONS ARE DUE TO RETURN. OTHERWISE,  
NO SIGNIFICANT ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS SHOWN ACTIVE TO MINOR STORM  
CONDITIONS. ACTIVE CONDITIONS ARE EXPECTED TO CONTINUE DURING  
THIS PERIOD.

III. EVENT PROBABILITIES 24 - 26 MAY

CLASS M 03/05/08

CLASS X 01/01/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 MAY 70

PREDICTED 24- 26 MAY 72/75/78

90-DAY MEAN 23 MAY 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 MAY 17

ESTIMATED AFR/AP 23 MAY 20/33

PREDICTED AFR/AP 24 - 26 MAY 23/30 - 22/28 - 18/21

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HFUS BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 144

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 24 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH NO SIGNIFICANT ACTIVITY  
REPORTED IN THE LAST 48 HOURS. THE DISK IS SPOTLESS.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY TOWARD THE  
END OF THIS PERIOD AS SEVERAL ACTIVE REGIONS ARE DUE TO RETURN.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR STORM LEVELS AND IS  
EXPECTED TO BE ACTIVE FOR THIS PERIOD.

III. EVENT PROBABILITIES 25 - 27 MAY

CLASS M 05/08/10

CLASS X 01/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 MAY 70

PREDICTED 25 - 27 MAY 72/76/80

90-DAY MEAN 24 MAY 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 MAY 21

ESTIMATED AFR/AP 24 MAY 26/36

PREDICTED AFR/AP 25 - 27 MAY 22/28 - 18/21 - 16/18

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