

HFUS 1 BOU 280600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER CO

SDF NUMBER 179A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 28 JUNE 1974

IA. NO SIGNIFICANT ACTIVITY HAS BEEN REPORTED IN THE PAST EIGHT  
HOURS.

IB. AN INCREASE IN MINOR FLARE ACTIVITY IS EXPECTED FOR THE NEXT  
THREE DAYS.

II. THE GEOMAGNETIC DISTURBANCE CONTINUES. IT IS EXPECTED TO DIMINISH  
OVER THE 72 HOURS, BRINGING UNSETTLED LEVELS BY 30 JUNE.

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 281400  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 179B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 28 JUNE 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. A SINGLE SUBFLARE WAS  
REPORTED FROM REGION 432(S18E82) NEWLY RETURNED SINCE THE PREVIOUS  
BOULDER REPORT. A SINGLE TYPE-H SPOT IS VISIBLE THERE. REGION  
431(S10E48) CONTINUES WITH A SMALLER TYPE-H SPOT.

IB. MINOR FLARES ARE EXPECTED INFREQUENTLY PRIMARILY NEAR AR432.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR STORM LEVELS DURING  
THE PAST 60 HOURS. A DIMUNITION TO UNSETLED CONDITIONS IS  
EXPECTED DURING THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 28 - 30 JUNE

CLASS M 15/20/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 JUNE 80

PREDICTED 28 - 30 JUNE 82/84/86

90-DAY MEAN 27 JUNE 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 JUNE 32

ESTIMATED AFR/AP 27 JUNE 37/46

PREDICTED AFR/AP 28 - 30 JUNE 30/38 - 15/20 - 12/15

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HFUS BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 179

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 28 JUNE 1974

IA. DURING THE PAST 8 HOURS CONSIDERABLE GROWTH HAS OCCURRED  
IN THE SE QUADRANT WITH, REGIONS 432-(S17E73), 433 (S15E62)  
AND 434 (S13E73) HAVING SPOTS. AR 434 HAS BRIGHTEST PLAGE AND  
WAS SOURCE OF LARGE SN (C1) FLARE AT 2053Z.

IB. CONTINUED INCREASE IN FLARE ACTIVITY WITH GOOD PROBABILITY  
OF M INTENSITY FLARE FROM SE REGIONS IN THE NEXT 3 DAYS.

II. THE GEOMAGNETIC STORM HAS DIMINISHED, HOWEVER DISTURBED  
CONDITIONS SHOULD PERSIST FOR NEXT FEW DAYS.

III. EVENT PROBABILITIES 29,30 JUNE - 01 JULY

CLASS M 25/30/35

CLASS X 01/01/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 JUNE 80

PREDICTED 29,30 JUNE - 01 JULY 82/84/88

90-DAY MEAN 28 JUNE 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 JUNE 37

ESTIMATED AFR/AP 28 JUNE 25/35

PREDICTED AFR/AP 29,30 JUNE - 01 JULY 15/20 - 12/15 - 08/10

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