

HFUS 3 BOU 170500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 168A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 17 JUNE 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 833 (S22W52) EXHIBITS ONLY OCCASIONAL ENHANCEMENT FLUCTUATIONS. MINOR SURGING IS OCCURRING NEAR SE08.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETLED WITH THESE CONDITIONS EXPECTED TO CONTINUE FOR THE BALANCE OF THIS ZULU DAY.

III. EVENT PROBABILITIES 17-19 JUNE

|         |          |
|---------|----------|
| CLASS M | 01/01/01 |
| CLASS X | 01/01/01 |
| PROTON  | 01/01/01 |
| PCAF    | GREEN    |

IV. OTTAWA 10.7 CM FLUX

|             |                     |
|-------------|---------------------|
| OBSERVED    | 16 JUNE 79          |
| PREDICTED   | 17-19 JUNE 79/79/80 |
| 90-DAY MEAN | 16 JUNE 80          |

V. GEOMAGNETIC A INDICES

|                         |                                  |
|-------------------------|----------------------------------|
| OBSERVED FREDERICKSBURG | 15 JUNE 02                       |
| ESTIMATED AFR/AP        | 16 JUNE 07/07                    |
| PREDICTED AFR/AP        | 17-19 JUNE 10/10 - 10/10 - 10/10 |
| SOLTERWARN              |                                  |
| BT                      |                                  |

HFUS 3 BOU 171500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 168-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 17 JUNE 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST TEN HOURS. REGION  
833 (S22W56) PRODUCED A SMALL C-CLASS X-RAY EVENT WHICH BEGAN NEAR  
17/1147Z AND MAXED NEAR 17/1155Z. A SUB FLARE ACCCOMPANIED THE EVENT.  
THE ASR NEAR SE08 HAS CONTINUED.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR  
THE REST OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED TO SLIGHTLY ACTIVE DURING THE  
PAST TEN HOURS. THE GEOMAGNETIC IS EXPECTED TO BE GENERALLY UNSETTLED  
DURING THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 17 - 19 JUNE

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 JUNE 079

PREDICTED 17 - 19 JUNE 79/79/80

90-DAY MEAN 16 JUNE 80

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 JUNE 02

ESTIMATED AFR/AP 16 JUNE 07/07

PREDICTED AFR/AP 17 - 19 JUNE 10/10 - 10/10 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 172200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 168  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 17 JUNE 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.  
REGION 833 (S21W61), AN H-TYPE SPOT, PRODUCED A C-2 X-RAY EVENT  
WHICH BEGAN AT 17/1049Z AND ENDED AT 17/1055Z. THIS EVENT  
WAS ACCCOMPANIED BY A FLARE WHICH THE MCMATH OBSERVATORY REPORTED  
AS A 1B. INTERMITTENT SURGE ACTIVITY WAS OBSERVED AT SE08 AND NE31,  
BUT BOTH AREAS ARE NOW QUIET. THERE IS A LARGE PROMINENCE NEAR  
NW48 WHICH HAS BEEN SLIGHTLY ACTIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL  
FOR THE NEXT 24 HOURS. REGION 833 SHOULD BE GENERALLY  
STABLE.

II. THE GEOMAGNETIC FIELD WAS GENERALLY UNSETLED DURING THE PAST  
24 HOURS. SIMILAR CONDITIONS ARE EXPECTED DURING THE NEXT TWO DAYS,  
WITH THE FIELD BECOMING MOSTLY QUIET ON 20 JUNE.

III. EVENT PROBABILITIES 18-20 JUNE

|         |          |
|---------|----------|
| CLASS M | 01/01/01 |
| CLASS X | 01/01/01 |
| PROTON  | 01/01/01 |
| PCAF    | GREEN    |

IV. OTTAWA 10.7 CM FLUX

|             |                     |
|-------------|---------------------|
| OBSERVED    | 17 JUNE 80          |
| PREDICTED   | 18-20 JUNE 80/81/82 |
| 90-DAY MEAN | 17 JUNE 80          |

V. GEOMAGNETIC A INDICES

|                         |                                  |
|-------------------------|----------------------------------|
| OBSERVED FREDERICKSBURG | 16 JUNE 10                       |
| ESTIMATED AFR/AP        | 17 JUNE 10/10                    |
| PREDICTED AFR/AP        | 18-20 JUNE 10/10 - 10/10 - 07/07 |
| SOLTERWARN              |                                  |
| BT                      |                                  |