

HFUS 3 BOU 020530  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 092A  
JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 02 APRIL 1978

I A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. REGION 1053 (S 15E 36)  
HAS SHOWN SOME DEVELOPMENT BUT REMAINS RELATIVELY QUIET FOR NOW.  
NO SIGNIFICANT CHANGES HAVE BEEN NOTED IN OTHER DISK FEATURES.

I B. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 8 HOURS. SLIGHTLY  
UNSETLED CONDITIONS ARE EXPECTED THROUGH THE NEXT 24-48 HOURS.

III. EVENT PROBABILITIES 02 APRIL - 04 APRIL

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

IV. OTTAWA 10.7 CM FLUX

|             |                         |
|-------------|-------------------------|
| OBSERVED    | 01 APRIL 130            |
| PREDICTED   | 02-04 APRIL 135/139/142 |
| 90-DAY MEAN | 01 APRIL 132            |

V. GEOMAGNETIC A INDICES

|                         |                                   |
|-------------------------|-----------------------------------|
| OBSERVED FREDERICKSBURG | 31 MARCH 07                       |
| ESTIMATED AFR/AP        | 01 APRIL 10/15                    |
| PREDICTED AFR/AP        | 02-04 APRIL 28/12 - 10/14 - 10/16 |

SOLTERWARN

BT

HFUS 1 BOU 021500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 1928

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1500Z 2 APRIL 1978

IA. SOLAR ACTIVITY WAS LOW DURING THE PAST TEN HOURS. REGION 1057 (N20E60) PRODUCED A SUBFLARE WHICH MAXED NEAR 02/1146Z AND CONTINUES TO SHOW PLAGE FLUCTUATIONS TO INTENSITY 4 - 5. REGION 1058 (N25W53) HAS POINT BRIGHTENINGS TO NEAR FLARE INTENSITY. A C-5 X-RAY BURST (NO ASSOCIATED OPTICAL ACTIVITY REPORTED) BEGAN AT 02/1211Z AND ENDED AT 1217Z.

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

II. THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED DURING THE PAST TEN HOURS AND SHOULD REMAIN SO THROUGH THE REST OF THE ZULU DAY.

III. EVENT PROBABILITIES 02 - 04 APRIL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 APRIL 130

PREDICTED 02 - 04 APRIL 135/139/142

90-DAY MEAN 01 APRIL 132

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 MARCH 07

ESTIMATED AFR/AP 01 APRIL 10/15

PREDICTED AFR/AP 02 - 04 APRIL 08/12 - 10/14 - 10/16

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HFUS 1 ROU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 092

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z APR 1978

IA. SOLAR ACTIVITY WAS LOW DURING THE PAST 24 HOURS WITH ONLY C-CLASS X-RAY FLARES. REGION 1057 (N20E53), A D-TYPE GROUP, PRODUCED MOST OF THE FLARE ACTIVITY AND IS SLOWLY GROWING. OTHER REGIONS SHOWED ONLY VERY WEAK, SPORADIC ACTIVITY OR WERE STABLE. THERE IS A NEW A-TYPE SPOT GROUP (REGION 1061) NEAR N15 W40. THE CULGOORA OBSERVATORY REPORTED AN EPL/DSE AT NE40 NEAR 02/0725Z.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL DURING THE NEXT 24 HOURS. SLOW GROWTH SHOULD CONTINUE IN REGION 1057.

II. THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED DURING THE PAST 24 HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED DURING THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 03-05 APRIL

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 APRIL 130

PREDICTED 03-05 APRIL 132/133/135

90-DAY MEAN 02 APRIL 132

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 APRIL 10

ESTIMATED AFR/AP 02 APRIL 08/12

PREDICTED AFR/AP 03-05 APRIL 10/14 - 10/16 - 13/20

SOLTERWARN

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