

HFUS 1 BOU 200500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 232A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 19 AUGUST 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 6 HOURS. ALL THE  
VISIBLE DISK FEATURES ARE STABLE AND UNIMPRESSIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGH THE  
FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET

III. EVENT PROBABILITIES 20 AUG-22 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 AUGUST 75

PREDICTED 20-22 AUG 74/74/74

90-DAY MEAN 19 AUGUST 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 AUG 05

ESTIMATED AFR/AP 19 AUG 05/05

PREDICTED AFR/AP 20-22 AUG 13/14 - 20/25 - 20/25

SOLTERWARN

BT

HFUS 1 BOU 201430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO  
SDF NUMBER 232 B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 20 AUGUST 1975  
IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL.  
ATHENS REPORTS THAT A SMALL NEW REGION IS EMERGING NEAR N28 W60.  
THE REST OF THE DISK IS QUIET AND UNIMPRESSIVE.  
IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL FOR THE NEXT  
48 HOURS.  
II. THE GEOMAGNETIC FIELD IS QUIET. A RECURRENT TYPE STORM IS  
STILL EXPECTED TO BRING UNSETTLED TO ACTIVE CONDITIONS LATER IN  
THIS FORECAST PERIOD.  
III. EVENT PROBABILITIES 20-22-AUG  
CLASS M 01/01/01  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 19 AUG 075  
PREDICTED 20-22 AUG 074/074/074  
90-DAY MEAN 19 AUG 078  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 18 AUG 05  
ESTIMATED AFR/AP 19 AUG 05/05  
PREDICTED AFR/AP 20-22 AUG 13/14 - 20/25 - 20/25  
SOLTERWARN  
BT

GEOALERT WWA 232 200300  
91219 10110 20750 30060 41010  
21512 00000  
80619 77773 ONE QUIET  
SOLQUIET MAGQUIET  
FIN  
SOLTERWARN  
BT

HFUS 1 BOU 202200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 232

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 20 AUGUST 1975

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. HOWEVER, A NEW REGION, 626 (N23W67), HAS DEVELOPED DURING THE PAST 24 HOURS AND IS THE PRESENT CENTER OF ATTENTION. MAGNETIC POLARITIES IN RGN 626 ARE IN THE EXPECTED ORDER OF A NEW CYCLE GROUP IN THE NORTHERN HEMISPHERE. ALTHOUGH OTHER HIGH LATITUDE REGIONS HAVE BEEN OBSERVED OVER THE PAST SEVERAL MONTHS, THIS REGION HAS BY FAR THE STRONGEST FIELD STRENGTHS THUS FAR. A SMALL FLARE AND ASSORTED FILAMENT ACTIVITY HAS BEEN NOTED IN RGN 626 DURING THE PAST 15 HOURS. TWO OTHER NEW REGIONS HAVE ALSO DEVELOPED SINCE YESTERDAY AND ARE DESIGNATED REGIONS 627 (N07E04) AND 628 (N08E23). BOTH ARE SMALL AND SIMPLE.

IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL. ONE OR TWO SMALL "C" CLASS FLARES MAY BE EXPECTED FROM REGION 626.

II. THE GEOMAGNETIC FIELD EXPERIENCED A RATHER SHARP IMPULSE NEAR 201550 U.T. THE FIELD HAS BEEN QUIET TO UNSETTLED SINCE THAT TIME BUT ACTIVE CONDITIONS ARE EXPECTED TO RETURN AND PERSIST FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 21 AUGUST - 23 AUGUST

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

IV. OTTAWA 10.7 CM FLUX

|             |                          |
|-------------|--------------------------|
| OBSERVED    | 20 AUG 75                |
| PREDICTED   | 21 AUG - 23 AUG 76/76/77 |
| 90-DAY MEAN | 20 AUG 78                |

V. GEOMAGNETIC A INDICES

|                         |                                       |
|-------------------------|---------------------------------------|
| OBSERVED FREDERICKSBURG | 19 AUG 03                             |
| ESTIMATED AFR/AP        | 20 AUG 08/08                          |
| PREDICTED AFR/AP        | 21 AUG - 23 AUG 20/25 - 20/25 - 14/15 |

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