

HFUS 3 BOU 200500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 232A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 20 AUGUST 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST SEVEN HOURS. THE  
DISK REGIONS ARE STABLE OR DECLINING. TWO NEW, SMALL REGIONS WERE  
REPORTED TO HAVE EMERGED NEAR N21W07 AND S21W24.

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

II. THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE DURING THE PAST  
SEVEN HOURS. SIMILAR CONDITIONS ARE EXPECTED DURING THE REMAINDER  
OF THE ZULU DAY.

III. EVENT PROBABILITIES 20-22 AUGUST

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 85

PREDICTED 20-22 AUGUST 85

90-DAY MEAN 19 AUGUST 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 AUGUST 13

ESTIMATED AFR/AP 19 AUGUST 18/22

PREDICTED AFR/AP 20-22 AUGUST 13/15 - 08/10 - 08/10

SOLTERWARN

HFUS 3 BOU 201500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 232-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 20 AUG 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. ALL REGIONS  
ARE STABLE OR DECLINING. ONE NEW REGION, 873 (N20W21), HAS EMERGED  
WITH DEVELOPMENT REPORTED STILL IN PROGRESS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED THE PAST 8 HOURS. UN-  
SETTLED CONDITIONS ARE EXPECTED TO CONTINUE THROUGH THE NEXT  
12-18 HOURS.

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 85

PREDICTED 20 - 22 AUG 85/85/85

90-DAY MEAN 19 AUG 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 AUG 13

ESTIMATED AFR/AP 19 AUG 18/22

PREDICTED AFR/AP 20 - 22 AUG 13/15 - 08/10 - 08/10

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 AUG 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. REGION  
864 (N19W68) HAS GROWN SOME IN THE LAST 24 HOURS AND REGION 873  
(N20W25) APPEARS TO STILL BE GROWING. LIMB ACTIVITY AT SE29 HAS  
BEEN IN PROGRESS FOR THE PAST 12-18 HOURS.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW. CONTINUED  
GROWTH OF REGIONS 864 AND 873 INDICATE A SLIGHT POSSIBILITY OF SOME  
M-CLASS ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE PAST 24 HOURS.  
A CORONAL HOLE AT ABOUT N15E15 IS EXPECTED TO MAINTAIN THE FIELD AT  
UNSETTLED LEVELS WITH OCCASIONAL ACTIVE PERIODS THROUGH THE  
FORECAST PERIOD.

III. EVENT PROBABILITIES 21 - 23 AUG

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 AUG 87

PREDICTED 21 - 23 AUG 88/89/89

90-DAY MEAN 20 AUG 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 AUG 20

ESTIMATED AFR/AP 20 AUG 08/10

PREDICTED AFR/AP 21 - 23 AUG 12/15 - 12/15 - 12/15

SOLTERWARN

BT