

HFUS 3 BOU 110430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 223A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 11 AUGUST 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK AND LIMBS ARE STABLE.
IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW TO LOW.

II. THE GEOMAGNETIC FIELD WAS GENERALLY UNSETLED UNTIL ABOUT 0230Z
WHEN THE FIELD BECAME DISTURBED. MINOR STORM CONDITIONS ARE PRESENTLY
BEING OBSERVED. THE FIELD SHOULD BE GENERALLY ACTIVE THRU THE
PERIOD WITH ACTIVITY MOST LIKELY DURING LOCAL HOURS OF DARKNESS.

III. EVENT PROBABILITIES 11 AUGUST - 13 AUGUST

CLASS M 30/30/30

CLASS X 05/05/05

PROTON 03/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 AUGUST 85

PREDICTED 11-13 AUGUST 85/84/85

90-DAY MEAN 10 AUGUST 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 AUGUST 19

ESTIMATED AFR/AP 10 AUGUST 12/15

PREDICTED AFR/AP 11-13 AUGUST 18/15 - 12/12 - 10/12

SOLTERWARN

BT

HFUS 3 BOU 111500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 223-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 11 AUG 1977

IA. SOLAR ACTIVITY REMAINED AT A VERY LOW LEVEL DURING THE PAST 8 HOURS. NO SIGNIFICANT STRUCTURAL CHANGES WERE NOTED IN EITHER DISK REGION. HOWEVER, EMERGING FLUX AND POSSIBLY A NEW SPOT GROUP IS APPEARING NEAR N21E56. OTHER THAN OCCASIONAL SMALL LIMB ACTIVITY, THE REST OF THE DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

II. A MINOR GEOMAGNETIC STORM WAS OBSERVED IN NIGHTTIME SECTORS SINCE 110230 U.T. GENERALLY UNSETLED TO ACTIVE CONDITIONS ARE EXPECTED TO DOMINATE THE FIELD THE REMAINDER OF THIS ZULU DAY.

III. EVENT PROBABILITIES 11 - 13 AUG

CLASS M 15/15/15

CLASS X 05/05/05

PROTON 03/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 AUG 85

PREDICTED 11 - 13 AUG 85/84/85

90-DAY MEAN 10 AUG 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 AUG 19

ESTIMATED AFR/AP 10 AUG 12/15

PREDICTED AFR/AP 11 - 13 AUG 30/30 - 12/12 - 10/12

SOLTERWARN

HFUS 1 BOU 112200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO
SDF NUMBER 223
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 AUG 1977

IA. WEATHER IS HAMPERING OBS AT MOST OBSERVATORIES BUT X-RAY AND
RADIO DATA, ALONG WITH LIMITED OBS, INDICATE THAT ACTIVITY IS VERY
LOW. A NEW "A" TYPE SPOT GROUP IS VISIBLE NEAR N18 E51 AND IS REGION
NUMBER 864. NO OTHER SIGNIFICANT CHANGES NOTED.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL FOR THE NEXT 24
HOURS.

II. THE GEOMAGNETIC FIELD EXPERIENCED MINOR STORM CONDITIONS FROM
0600 - 0900 UT, AND UNSETLED TO ACTIVE CONDITIONS THE REST OF THE
TIME. GENERALLY UNSETLED TO ACTIVE CONDITIONS WILL CONTINUE FOR
THE NEXT 24 - 36 HOURS.

III. EVENT PROBABILITIES 12 - 14 AUG

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 AUG 085

PREDICTED 12-14 AUG 085/085/086

90-DAY MEAN 11 AUG 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 AUG 12

ESTIMATED AFR/AP 11 AUG 24/22

PREDICTED AFR/AP 12-14 AUG 15/15 - 12/15 - 12/15

SOLTERWARN

BT