

HFUS 3 BOU 310500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 243A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 31 AUGUST 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
THE DISK REGIONS APPEAR TO BE UNCHANGED AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETLED AND IT IS
EXPECTED THE FIELD WILL REMAIN IN THAT STATE DURING THE FORECAST
PERIOD.

III. EVENT PROBABILITIES 31 AUGUST - 02 SEPTEMBER

CLASS M 05/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 AUGUST 84

PREDICTED 31 AUGUST - 02 SEPTEMBER 84/85/86

90-DAY MEAN 30 AUGUST 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 AUGUST 06

ESTIMATED AFR/AP 30 AUGUST 05/05

PREDICTED AFR/AP 31 AUGUST - 02 SEPTEMBER 08/08 - 10/12 - 15/20

SOLTERWARN

HFUS 3 BOU 311500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 243B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 31 AUGUST 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST TEN HOURS. THE REGION NEAR N25E75 (REGION 882), WHICH APPEARS TO BE THE RETURN OF OLD REGION 861, PRODUCED A C-CLASS FLARE WHICH MAXED NEAR 31/1024Z. THERE WAS A LOOP PROMINENCE ASSOCIATED WITH THE FLARE. OTHER DISK REGIONS DECLINED DURING THE PAST TEN HOURS.

IB. SOLAR ACTIVITY SHOULD REMAIN AT A VERY LOW LEVEL DURING THE REST OF THE FORECAST PERIOD.

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

III. EVENT PROBABILITIES 31 AUGUST - 02 SEPTEMBER

CLASS M 05/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 AUGUST 84

PREDICTED 31 AUGUST - 02 SEPTEMBER 84/85/86

90-DAY MEAN 30 AUGUST 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 AUGUST 06

ESTIMATED AFR/AP 30 AUGUST 05/05

PREDICTED AFR/AP 31 AUGUST - 02 SEPTEMBER 05/05 - 10/12 - 15/20

SOLTERWARN

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HFUS 1 BOU 312200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
CORR SDF NUMBER 243

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 31 AUGUST 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.
REGION 882 (N25E 73) HAS BEEN GENERALLY STABLE SINCE IT PRODUCED A
C-4 X-RAY EVENT WHICH MAXED AT 31/1016Z. SWF'S ON FREQUENCIES
UP TO 21 MHZ FOR AS LONG AS 44 MINUTES WERE REPORTED. REGION
882 IS AN H-TYPE SPOT GROUP. REGION 874 (S25W 63) HAS DECAYED TO
A B-TYPE GROUP AND REGION 880 (S30W 06) TO AN A-TYPE SPOT.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL WITH
ONLY WEAK ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD WAS GENERALLY QUIET DURING THE PAST
24 HOURS. QUIET TO SLIGHTLY UNSETLED CONDITIONS ARE EXPECTED DURING
THE NEXT 24 HOURS. THE FIELD SHOULD BECOME UNSETLED TO ACTIVE
ON 2-3 SEPT.

III. EVENT PROBABILITIES 01-03 SEPTEMBER

CLASS M 05/05/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 AUGUST 083

PREDICTED 01-03 SEP 084/084/084

90-DAY MEAN 31 AUGUST 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 AUGUST 04

ESTIMATED AFR/AP 31 AUGUST 05/05

PREDICTED AFR/AP 01-03 SEPT 08/08 - 10/10 - 15/15

SOLTERWARN

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