

HFUS 3 BOU 140500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 134A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 14 MAY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 819 (N30E22) HAS BECOME  
A B-TYPE GROUP BUT CURRENTLY DOES NOT SHOW VIGOROUS GROWTH TENDENCY.  
OTHER REGIONS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THIS ZULU DAY. GENERALLY  
UNSETTLED CONDITIONS ARE EXPECTED FOR THE BALANCE OF THIS DAY.

III. EVENT PROBABILITIES 14-16 MAY

CLASS M 05/05/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 MAY 80

PREDICTED 14-16 MAY 80/80/80

90-DAY MEAN 13 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 MAY 17

ESTIMATED AFR/AP 13 MAY 05/06

PREDICTED AFR/AP 14-16 MAY 10/10 - 12/15 - 18/20

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HFUS 3 BOU 141500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 134-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 14 MAY 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST EIGHT HOURS. A C-1 X-RAY BURST WHICH BEGAN AT 14/0915Z AND ENDED AT 14/0834Z WAS DETECTED ON THE GOES SATELLITE. REGION 819 (N30E16) HAS THREE SPOTS AND IS STABLE. A NEW C-TYPE SPOT GROUP HAS DEVELOPED AT S20E32 AND IS GROWING. SLIGHT PLAGE FLUCTUATIONS WERE OBSERVED IN REGION 817 (S19E18), AND REGION 816 (S25W27) IS NOW SPOTLESS.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL. HOWEVER, WEAK ENERGETIC ACTIVITY MAY INCREASE DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED DURING PAST EIGHT HOURS. THE FIELD IS EXPECTED TO BE MOSTLY UNSETTLED FOR THE REMAINDER OF THE ZULU DAY.

III. EVENT PROBABILITIES 14 - 16 MAY

CLASS M 05/05/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 MAY 80

PREDICTED 14 - 16 MAY 83/84/85

90-DAY MEAN 13 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 MAY 17

ESTIMATED AFR/AP 13 MAY 05/06

PREDICTED AFR/AP 14 - 16 MAY 10/10 - 12/15 - 18/20

SOLTERWARN

BT

HFUS 1 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 134

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 14 MAY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.

A C-1 X-RAY BURST BEGAN AT 14/0915Z AND ENDED AT 14/0934Z. REGION  
820 (S20E27), A NEW C-TYPE SPOT GROUP, HAS SHOWN OCCASIONAL PLAGE  
FLUCTUATIONS TO NEAR FLARE BRIGHTNESS. REGION 819 (N31E12) IS NOW  
A C-TYPE SPOT GROUP WITH A WEAK AFS AND OCCASIONAL PLAGE FLUCTUATIONS.  
REGION 817 (S19 E13) HAS BEEN STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

C-CLASS X-RAY ACTIVITY SHOULD INCREASE DURING THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED DURING THE PAST  
24 HOURS. THE FIELD IS EXPECTED TO BECOME ACTIVE DURING THE NEXT  
24 HOURS AND REMAIN ACTIVE THROUGH 17 MAY.

III. EVENT PROBABILITIES 15-17 MAY

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 MAY 83

PREDICTED 15-17 MAY 83/84/84

90-DAY MEAN 14 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 MAY 06

ESTIMATED AFR/AP 14 MAY 07/07

PREDICTED AFR/AP 15-17 MAY 12/15 - 18/20 - 15/15

SOLTERWARN

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