

HFUS 3 BOU 210500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 141A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 21 MAY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 823 (S26W23) HAS CONTINUED ITS GROWTH DURING THE PAST 8 HOURS WITH AN ACTIVE FILAMENT STRUCTURE IN PROGRESS SINCE ABOUT 2200Z. OTHER REGIONS HAVE BEEN QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW WITH ONLY SLIGHT CHANCE OF SUBFLARE ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED DURING THE PAST 8 HOURS. THE FIELD IS EXPECTED TO BE UNSETTLED TO SLIGHTLY ACTIVE UNTIL 23 MAY WHEN UNSETTLED TO QUIET CONDITIONS SHOULD PREVAIL.

III. EVENT PROBABILITIES 21-23 MAY

CLASS M 03/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 MAY 079

PREDICTED 21-23 MAY 79/78/78

90-DAY MEAN 20 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 MAY 04

ESTIMATED AFR/AP 20 MAY 09/08

PREDICTED AFR/AP 21-23 MAY 12/12 - 12/12 - 07/07

SOLTERWARN

BT

HFUS 3 BOU 211500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 141-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 21 MAY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 823 (S26W29)  
PRESENTLY CONTAINS 3 SPOTS AND APPEARS STABLE. A NEW REGION APPEARS  
TO BE DEVELOPING AT (N36W60) AND HAS BEEN REPORTED TO HAVE 5 SMALL  
SPOTS. REGION 821 (N22W11) APPEARS TO HAVE UNDERGONE MINOR CHANGES  
AND PRESENTLY CONTAINS 1 SPOT. ALL OTHER DISK AND LIMB FEATURES APPEAR  
QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW WITH ONLY SLIGHT  
CHANCE OF SUB FLARE ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 24 HOURS  
AND IS EXPECTED TO BECOME QUIET TO GENERALLY UNSETTLED DURING THE  
NEXT 48 HOURS. THE FIELD IS EXPECTED TO BE GENERALLY QUIET ON  
23 MAY.

III. EVENT PROBABILITIES 21 - 23 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 MAY 079

PREDICTED 21 - 23 MAY 079/078/078

90-DAY MEAN 20 MAY 078

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 MAY 04

ESTIMATED AFR/AP 20 MAY 05/05

PREDICTED AFR/AP 21 - 23 MAY 06/07 - 12/15 - 06/06

SOLTERWARN

BT

HFUS 1 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 141

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 21 MAY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 824 (NR N36W60) PRESENTLY CONTAINS 2 SPOTS AND IS EXPERIENCING SLOW GROWTH. REGION 823 (S25W30) CONTAINS 4 SPOTS AND HAS EXPERIENCED GRADUAL CHANGE DURING THE LAST PERIOD. REGION 821 (N21W14) APPEARS STABLE AND PRESENTLY DISPLAYS 1 SPOT. ALL OTHER DISK AND LIMB FEATURES APPEAR QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW WITH OCCASIONAL SUBFLARES POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 24 HOURS AND IS EXPECTED TO BECOME UNSETTLED ON 22 MAY. ON 23 MAY THE FIELD IS EXPECTED TO BE QUIET AND CONTINUE QUIET ON 24 MAY.

III. EVENT PROBABILITIES 22 MAY - 24 MAY

CLASS M 03/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 MAY 81

PREDICTED 22-24 MAY 81/81/81

90-DAY MEAN 21 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 MAY 10

ESTIMATED AFR/AP 21 MAY 05/04

PREDICTED AFR/AP 22-24 MAY 12/15 - 06/07 - 06/07

SOLTERWARN

BT