

HFUS 3 BOU 250500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 206A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 25 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
NO FLARES HAVE BEEN OBSERVED AND NO GROWTH HAS BEEN OBSERVED IN
EITHER OF THE REGIONS ON THE DISK. THE LIMBS APPEAR QUIET.

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

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST EIGHT HOURS.
IT IS EXPECTED THE FIELD WILL BE QUIET TO SLIGHTLY UNSETTLED.

III. EVENT PROBABILITIES 25 JULY - 27 JULY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JULY 81

PREDICTED 25-27 JULY 82/83/83

90-DAY MEAN 24 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JULY 08

ESTIMATED AFR/AP 24 JULY 05/07

PREDICTED AFR/AP 25-27 JULY 08/10 - 08/10 - 08/10

SOLTERWARN

BT

HFUS 3 BOU 251500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 206-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 25 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. REGION 752
(S23E35) APPEARS TO BE UNDERGOING SLIGHT GROWTH AND PRODUCED A SF
FLARE AT 0821Z. THE N/L FILAMENT DISAPPEARED AROUND 0821Z THEN
REAPPEARED. THE REMAINDER OF THE DISC AND LIMBS APPEAR STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. REGION 852
APPEARS TO BE MAINTAINING ITS FLARE POTENTIAL AND COULD PRODUCE
SOME ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 8 HOURS. QUIET
TO SLIGHTLY UNSETTLED CONDITIONS ARE EXPECTED.

III. EVENT PROBABILITIES 25 - 27 JULY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JUL 81

PREDICTED 25-27 JUL 82/83/83

90-DAY MEAN 24 JUL 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JUL 08

ESTIMATED AFR/AP 24 JUL 05/07

PREDICTED AFR/AP 25-27 JUL 08/10 - 08/10 - 08/10

SOLTERWARN

BT

HFUS 1 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO
SDF NUMBER 206

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 25 JULY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. REGION 852 (S23 E29) APPEARS STABLE BUT BRIGHTENINGS CONTINUE. REGION 849 (N20 W27) IS REDEVELOPING AND IS NOW A D GROUP WITH AN INCLINATION FROM NORMAL E-W OF ABOUT 80 DEGREES. LITTLE OR NO PLAGE GROWTH HAS BEEN NOTED BUT FLUCTUATIONS AND POINT BRIGHTENINGS HAVE BEEN NOTED IN RECENT REPORTS. NEW REGION 854 (S30 E04) HAS APPEARED AND IS NOW A B HROUP WITH 2 SPOTS. THE REMAINDER OF THE DISC AND LIMBS APPEAR STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. THE REDEVELOPMENT OF REGION 849 ALONG WITH CONTINUED POTENTIAL IN REGION 852 COULD PRODUCE AN ISOLATED M-CLASS EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 24 HOURS. QUIET TO SLIGHTLY UNSETTLED CONDITIONS ARE EXPECTED.

III. EVENT PROBABILITIES 26 - 28 JULY

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JULY 83

PREDICTED 26-29 JULY 84/85/84

90-DAY MEAN 25 JULY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JULY 07

ESTIMATED AFR/AP 25 JULY 05/07

PREDICTED AFR/AP 26-29 JULY 08/10 - 08/10 - 08/10

SOLTERWARN

BT