

HFUS 1 BOU 050500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 278A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 05 OCTOBER 1974

IA. SOLAR ACTIVITY HAS BEEN RATHER LOW DURING THE PAST 8 HOURS.
THE ONLY ACTIVITY OBSERVED WAS A BSL ON THE NORTH EAST.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH A FEW CLASS C
FLARES AND MAYBE ONE SMALL CLASS M FLARE DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET AND IS EXPECTED TO REMAIN QUIET
DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

BT

HFUS 1 BOU 051430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 278B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 5 OCT 1974

IA. SOLAR ACTIVITY REMAINED LOW DURING THE PAST 12 HOURS. THE VISIBLE DISK FEATURES ARE BASICALLY UNCHANGED; HOWEVER, SLOW SPOT GROWTH WAS NOTED IN REGION 501 (S19E41). THE SMALL SURGE ACTIVITY ON THE NORTHEAST LIMB CONTINUES "UNABATED". AN INT 3, BROKEN AREA PLAGE AND "C" TYPE SPOT GROUP ARE ROTATING ON TO THE DISK IN THAT VICINITY.

IB. THE FREQUENCY OF FLARE OCCURRENCE MAY INCREASE OVER THE NEXT 12 HOURS BUT AT PRESENT, X-RAY PROBABILITIES ARE UNCHANGED.

II. THE GEOMAGNETIC FIELD IS QUIET AND IS EXPECTED TO REMAIN SO.

III. EVENT PROBABILITIES 05 - 07 OCT

CLASS M 25/35/45

CLASS X 01/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 OCT 100

PREDICTED 05 - 07 OCT 101/101/102

90-DAY MEAN 04 OCT 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 OCT 11

ESTIMATED AFR/AP 04 OCT 06/07

PREDICTED AFR/AP 05 - 07 OCT 07/08 - 06/07 - 05/06

SOLTERWARN

BT

HFUS BOU 052200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.
SDF NUMBER 278

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 05 OCTOBER 1974

IA. LIMB ACTIVITY IN THE NORTHEAST CONTINUES WHILE FLARE REPORTS HAVE BEEN MINIMAL. REGION 503 (N09E78) HAS SO FAR REVEALED A "C" TYPE SPOT AND A RATHER COMPLEX, FLUCTUATING PLAGE. ALMOST CONTINUOUS SURGES WOULD SUGGEST THAT ADDITIONAL PLAGE IS YET TO ROTATE ONTO THE DISK. REGION 497 (S06W24) REMAINS LARGE AND FAIRLY WELL ORGANIZED BUT HAS BEEN QUIET. ALL OTHER DISK REGIONS ARE ESSENTIALLY STABLE.

IB. OCCASIONAL SMALL RADIO BURST AND THE INCREASED X-RAY BACKGROUND ATTEST TO THE ENERGETIC POTENTIAL OF THE NORTHEAST COMPLEX.

III. THE GEOMAGNETIC FIELD IS QUIET AND IS EXPECTED TO REMAIN QUIET.

III. EVENT PROBABILITIES 06 OCT - 08 OCT

CLASS M 50/60/70

CLASS X 05/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 OCT 109

PREDICTED 06 OCT - 08 OCT 114/116/116

90-DAY MEAN 05 OCT 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 OCT 08

ESTIMATED AFR/AP 05 OCT 06/07

PREDICTED AFR/AP 06 OCT - 08 OCT 06/07 - 05/06 - 05/06

SOLTERWARN

BT