

HFUS 1 BOU 250425

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 299A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 25 OCTOBER 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 7 HOURS WITH
NO FLARES REPORTED. REGION 754 (N29W15) CONTINUES SLOW GROWTH BUT
REMAINS QUIET. THE REST OF THE DISK AND THE LIMBS REMAIN QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW, PENDING SUBSTANTIAL
DEVELOPMENT OF REGION 754.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 7 HOURS. THE
FIELD IS EXPECTED TO BE QUIET TO MILDLY UNSETTLED FOR THE NEXT 72
HOURS.

III. EVENT PROBABILITIES 25 OCTOBER - 27 OCTOBER

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 OCTOBER 81

PREDICTED 25-27 OCTOBER 80/78/76

90-DAY MEAN 24 OCTOBER 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 OCTOBER 05

ESTIMATED AFR/AP 24 OCTOBER 05/02

PREDICTED AFR/AP 25-27 OCTOBER 09/10 - 09/10 - 09/10

SOLTERWARN

BT

HFUS 1 BOU 251430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 299-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 25 OCT 76

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 16 HOURS WITH NO FLARES REPORTED. REGION 754 (N29W18) IS NOW A WELL-DEVELOPED D-CLASS REGION IN WHITE LIGHT BUT SO FAR HAS ONLY PRODUCED X-RAY FLUCTUATIONS AT 1-8A AND SOME POINT BRIGHTENINGS. OTHERWISE THE DISK AND LIMBS REMAIN QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE GENERALLY LOW BUT REGION 754 SHOULD SOON BEGIN PRODUCING AT LEAST AN OCCASIONAL C-CLASS SUBFLARE. WITHOUT SUCH AN ENERGY RELEASE, PROBABILITIES FOR AN M-CLASS FLARE MUST INCREASE.

II. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET FOR THE PAST 16 HOURS. THE FIELD IS EXPECTED TO BE QUIET EARLY IN THE FORECAST PERIOD. ACTIVITY SHOULD INCREASE SLOWLY AND IS EXPECTED TO BE UNSETTLED AT THE END OF THE PERIOD.

III. EVENT PROBABILITIES 25 OCTOBER - 27 OCTOBER 1976

CLASS M 05/10/10

CLASS X 01/02/02

PROTON 01/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 OCTOBER 81

PREDICTED 25-27 OCTOBER 82/82/82

90-DAY MEAN 24 OCTOBER 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 OCTOBER 05

ESTIMATED AFR/AP 24 OCTOBER 05/02

PREDICTED AFR/AP 25-27 OCTOBER 04/05 - 07/07 - 09/10

SOLTERWARN

BT

HFUS 1 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 299

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 25 OCTOBER 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. NO
FLARES HAVE BEEN REPORTED DURING THAT TIME. REGION 754 (N30W25)
HAS CONTINUED TO GROW SLOWLY IN WHITE LIGHT AND IS NOW A WELL-
DEVELOPED D-CLASS REGION. PLAGE IN THE REGION IS SOMEWHAT BROKEN,
POSSIBLY INDICATING AN END TO GROWTH IN THE REGION. X-RAY BACK-
GROUND LEVELS HAVE DROPPED DURING THE PAST 6 HOURS. ASIDE FROM
REGION 754 THE SOLAR DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW. OCCASIONAL
C-CLASS SUBFLARES SHOULD BE PRODUCED IN REGION 754, ESPECIALLY IF
GROWTH CONTINUES.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.
THE FIELD IS EXPECTED TO BE QUIET TO MILDLY UNSETTLED FOR THE
NEXT 72 HOURS.

III. EVENT PROBABILITIES 26 OCTOBER - 28 OCTOBER

CLASS M 10/10/05

CLASS X 02/02/01

PROTON 02/02/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 OCTOBER 86

PREDICTED 26-28 OCTOBER 87/87/84

90-DAY MEAN 25 OCTOBER 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 OCTOBER 06

ESTIMATED AFR/AP 25 OCTOBER 05/03

PREDICTED AFR/AP 26-28 OCTOBER 07/07 - 09/10 - 09/10

SOLTERWARN

BT