

HFUS 3 BOU 270430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 300A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 27 OCTOBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 922 (N22E39) HAS
PRODUCED POINT BRIGHTENINGS TO NEAR FLARE INTENSITY. MANILA
REPORTS TWO NEW REGIONS AT N21E73 AND NX4E64. THE REST OF THE
DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY SHOULD BE VERY LOW FOR THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE AT 26/2330Z WHEN A SMALL
SUDDEN COMMENCEMENT WAS OBSERVED. GENERALLY ACTIVE CONDITIONS WITH
SHORT PERIODS AT MINOR STORM LEVELS ARE EXPECTED FOR THE NEXT
24 HOURS.

III. EVENT PROBABILITIES 27 OCTOBER - 29 OCTOBER

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 OCTOBER 90

PREDICTED 27-29 OCTOBER 91/93/94

90-DAY MEAN 26 OCTOBER 93

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 OCTOBER 06

ESTIMATED AFR/AP 26 OCTOBER 05/04

PREDICTED AFR/AP 27-29 OCTOBER 18/18 - 10/10 - 07/07

SOLTERWARN

BT

HFUS 3 BOU 271500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 300-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 27 OCT 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD REACHED MINOR STORM LEVELS AT 0940Z.
CONDITIONS ARE EXPECTED TO REMAIN ACTIVE FOR THE REST OF TODAY.

III. EVENT PROBABILITIES 27 - 29 OCT

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 OCT 90

PREDICTED 27 - 29 OCT 91/93/94

90-DAY MEAN 26 OCT 93

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 OCT 06

ESTIMATED AFR/AP 26 OCT 05/04

PREDICTED AFR/AP 27 - 29 OCT 35/30 - 15/15 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 172200 27

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 300

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 27 OCT 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 922 (N21E38) HAD AN AFS AT 1700Z. REGION 924 (S17E17) HAD AN AFS AT 1700Z. REGION 925 (N31E31) HAS SHOWN SOME GROWTH. IT HAS 8 SPOTS IN A D-TYPE GROUP AND HAD AN ACTIVE FILAMENT FROM 1700-1900Z. THE REST OF THE DISK/LIMB HAS BEEN STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR STORM LEVELS SINCE 0940Z. CONDITIONS ARE EXPECTED TO BE GENERALLY ACTIVE FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 28-30 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 OCT 90

PREDICTED 28-30 OCT 91/92/94

90-DAY MEAN 27 OCT 94

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 OCT 06

ESTIMATED AFR/AP 27 OCT 38/45

PREDICTED AFR/AP 28-30 OCT 15/20 - 10/14 - 07/10

SOLTERWARN

BT