

HFUS 3 BOU 210500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 294A

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

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 918 (S25E15) HAS SHOWN
SOME GROWTH AND PLAGE FLUCTUATIONS AND HAS HAD AN ACTIVE FILAMENT.
REGION 917 (N23W49) HAS SHOWN SOME PLAGE FLUCTUATIONS AND HAS HAD
AN ACTIVE FILAMENT. REGION 920 (N23W69) HAS SHOWN SOME DECAY. THE
REST OF THE DISK/LIMB HAS BEEN STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED. CONDITIONS SHOULD
REMAIN GENERALLY UNSETLED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 21-23 OCT

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 OCT 100

PREDICTED 21-23 OCT 99/98/96

90-DAY MEAN 20 OCT 93

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 19 OCT 19

ESTIMATED AFR/AP 20 OCT 07/08

PREDICTED AFR/AP 21-23 OCT 10/12 - 08/12 - 10/15

SOLTERWARN

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HFUS 3 BOU 211500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 294-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 21 OCT 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY MINOR SURGING RE-
PORTED ON THE NW LIMB. REGIONS 917 (N23W54) AND 918 (S25E12) SHOW
OCCASIONAL INTENSITY FLUCTUATIONS. BOTH OF THESE REGIONS RETAIN
POTENTIAL FOR MINOR ENERGETIC EVENTS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED. THESE
CONDITIONS ARE EXPECTED TO CONTINUE THROUGH THE NEXT 36 HOURS.

III. EVENT PROBABILITIES 21-23 OCT

CLASS M	05/05/05
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	20 OCT 100
PREDICTED	21-23 OCT 99/98/96
90-DAY MEAN	20 OCT 93

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	19 OCT 19
ESTIMATED AFR/AP	20 OCT 07/08
PREDICTED AFR/AP	21-23 OCT 10/12 - 08/12 - 10/15
SOLTERWARN	
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HFUS 1 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 294

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

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. MINOR SURGING HAS BEEN OCCURRING AS REGION 920 (N23) ROTATES OVER WEST LIMB. REGION 917 (N22W72) HAS GIVEN OCCASIONAL STRONG ENHANCEMENTS BUT NO REPORTED FLARES. REGION 918 (S25W07) SHOWS NUMEROUS ISOLATED POLES THROUGHOUT THE REGION IN THE KITT PEAK MAGNETOGRAM. THESE MAY PRECIPITATE A SPURT OF ACTIVITY THOUGH H-ALPHA DOES NOT CURRENTLY REFLECT THIS INSTABILITY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW TO LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED. THE FIELD IS EXPECTED TO BE GENERALLY UNSETLED FOR THE 3 DAY PERIOD.

III. EVENT PROBABILITIES 22-24 OCT

CLASS M	05/05/05
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	21 OCT 102
PREDICTED	22-24 OCT 102/102/100
90-DAY MEAN	21 OCT 93

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	20 OCT 07
ESTIMATED AFR/AP	21 OCT 06/05
PREDICTED AFR/AP	22-24 OCT 08/08 - 12/10 - 08/10

SOLTERWARN

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