

HFUS 3 BOU 010500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 274A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 1 OCT 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. ALL REGIONS
APPEAR STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO VERY LOW WITH REGION 898
(N15E10) STILL CAPABLE OF SOME ACTIVITY.

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

III. EVENT PROBABILITIES 01 OCT-03 OCT

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 SEP 97

PREDICTED 01-03 OCT 97/97/97

90-DAY MEAN 30 SEP 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 SEP 03

ESTIMATED AFR/AP 30 SEP 05/05

PREDICTED AFR/AP 01-03 OCT 07/07 - 08/08 - 10/10

SOLTERWARN

BT

HFUS 3 BOU 011500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 274-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 01 OCT 1977

IA. SOLAR ACTIVITY REMAINED AT A VERY LOW LEVEL DURING THE PAST 8
HOURS. NO SIGNIFICANT CHANGES IN THE VISIBLE REGIONS HAVE BEEN NOTED.

IB. SOLAR ACTIVITY WILL BE AT VERY LOW LEVEL FOR THE DURATION OF
THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD IS QUIET TO SLIGHTLY UNSETTLED AND NO CHANGE
IS EXPECTED.

III. EVENT PROBABILITIES 01 - 03 OCT

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 SEP 97

PREDICTED 01 - 03 OCT 97/97/97

90-DAY MEAN 30 SEP 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 SEP 03

ESTIMATED AFR/AP 30 SEP 05/05

PREDICTED AFR/AP 01 - 03 OCT 07/07 - 08/08 - 10/10

SOLTERWARN

BT

HEUS 1 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 274

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 01 OCT 1977

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 898 (N13W05) REMAINS AS THE DOMINANT DISK FEATURE. THE PLAGE IS MODERATELY BRIGHT AND FLUCTUATING. THE D TYPE SPOT GROUP IS GROWING BOTH IN AREA AND COMPLEXITY AND MAY FORM A DELTA CONFIGURATION IN EASTERN PORTIONS OF THE LEADER PENUMBRA. FLUCTUATIONS IN THE X-RAY BACKGROUND IS THOUGHT TO BE THE RESULTS OF PLAGE FLUCTUATIONS IN REGION 898. REGION 905 (S27W48) HAS LOST ITS SMALL SPOT GROUP WHILE THE OTHER DISK FEATURES ARE LITTLE CHANGED.

IB. SOLAR ACTIVITY WILL BE AT VERY LOW LEVEL FOR THE NEXT 24 HOURS. HOWEVER, CONTINUED DEVELOPMENT IN REGION 898 COULD PRECIPITATE AN ISOLATED M CLASS FLARE AS WELL AS A GENERAL INCREASE IN THE FLARE PROBABILITY.

II. THE GEOMAGNETIC FIELD IS QUIET TO SLIGHTLY UNSETTLED. NO SIGNIFICANT CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 02 - 04 OCT

CLASS M 20/25/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 OCT 095

PREDICTED 02 - 04 OCT 095/095/095

90-DAY MEAN 01 OCT 088

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 SEP 05

ESTIMATED AFR/AP 01 OCT 03/03

PREDICTED AFR/AP 02 - 04 OCT 08/08 - 10/10 - 05/05

SOLTERWARN

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