

HFUS 3 BOU 150500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 288A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 15 OCT 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 908 (N05W42) CONTINUES
ITS SLOW DECAY. REGION 914 (N23E57) AND 915 (N17W06) HAVE SHOWN
LITTLE GROWTH BUT CONTINUE TO FLUCTUATE TO NEAR FLARE INTENSITY.

THE REMAINDER OF THE DISC AND LIMBS REMAIN QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE. C-CLASS ACTIVITY
IS LIKELY WITH M-CLASS ACTIVITY POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE THE PAST
8 HOURS. THE FIELD IS EXPECTED TO BE ACTIVE WITH INTERMITTENT MINOR
STORM CONDITIONS.

III. EVENT PROBABILITIES 15 OCT-17 OCT

CLASS M 35/30/25

CLASS X 10/10/05

PROTON 10/10/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 OCT 99

PREDICTED 15-17 OCT 99/99/99

90-DAY MEAN 14 OCT 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 OCT 12

ESTIMATED AFR/AP 14 OCT 08/08

PREDICTED AFR/AP 15-17 OCT 30/30 - 30/30 - 25/25

SOLTERWARN

BT

HFUS 3 BOU 151500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 288-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 15 OCT 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST TEN HOURS. REGION 908 (N06W47) IS CONTINUING TO DECAY QUIETLY WITH ONLY OCCASIONAL FLARE FLUCTUATIONS. SLIGHT GROWTH OCCURRED IN REGIONS 911 (N18E03), 914 (N22E55), AND 915 (N18W00), BUT NO SUBFLARE ACTIVITY WAS REPORTED.

IB. SOLAR ACTIVITY SHOULD BE LOW TO VERY LOW THROUGH THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS AT OR NEAR MINOR STORM CONDITIONS DURING TEN HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED FOR THE REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 15 - 17 OCT

CLASS M 20/20/15

CLASS X 05/05/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 OCT 99

PREDICTED 15 - 17 OCT 99/99/99

90-DAY MEAN 14 OCT 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 OCT 12

ESTIMATED AFR/AP 14 OCT 08/08

PREDICTED AFR/AP 15 - 17 OCT 25/25 - 25/25 - 25/25

SOLTERWARN

BT

HFUS 1 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 288

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 15 OCTOBER 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 24 HOURS. REGION 908 (N05W51) NOW HAS ONLY TWO SPOTS. REGION 915 (N18W16), A D-TYPE GROUP, HAS PRODUCED SEVERAL FAINT SUBFLARES AND CONTINUES ITS SLOW SPOT DEVELOPMENT. REGION 914 (N22E47) PRODUCED ONE SMALL FAINT SUBFLARE. THERE IS A NEW A-TYPE SPOT, REGION 916, NEAR N23W06.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO VERY LOW DURING THE NEXT 24 HOURS. OCCASIONAL C-CLASS X-RAY ACTIVITY IS PROBABLE AND ISOLATED M-CLASS EVENTS ARE POSSIBLE.

II. THE GEOMAGNETIC FIELD WAS ACTIVE TO UNSETTLED WITH PERIODS OF MINOR STORM CONDITIONS DURING THE PAST 24 HOURS. SIMILAR CONDITIONS ARE EXPECTED DURING THE NEXT TWO TO THREE DAYS.

III. EVENT PROBABILITIES 16 OCTOBER - 18 OCTOBER

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 OCTOBER 99

PREDICTED 16-18 OCTOBER 99/99/99

90-DAY MEAN 15 OCTOBER 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 OCTOBER 11

ESTIMATED AFR/AP 15 OCTOBER 19/23

PREDICTED AFR/AP 16-18 OCTOBER 20/20 - 20/20 - 15/15

SOLTERWARN

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