

HFUS 3 BOU 170430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 290A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 17 OCTOBER 1977

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 8 HOURS. REGION 914

(N22E31) HAS PRODUCED TWO SUBFAINT FLARES AT 2148Z AND 2250Z.

REGION 915 (N19W37) HAD AN AFS FROM 1955Z TO 0006Z, AND REGION

917 (N23W08) HAD AN AFS IN PROGRESS AT 2300Z AND A DSD FROM

2140Z TO 2259Z. THE REST OF THE DISK/LIMB HAS BEEN QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. UNSETTLED TO

ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 17 OCTOBER - 19 OCTOBER

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 OCTOBER 98

PREDICTED 17-19 OCTOBER 98/98/98

90-DAY MEAN 16 OCTOBER 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 OCTOBER 19

ESTIMATED AFR/AP 16 OCTOBER 12/14

PREDICTED AFR/AP 17-19 OCTOBER 14/15 - 16/20 - 16/20

SOLTERWARN

BT

HFUS-3 BOU 171500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 290-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 17 OCTOBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW SINCE OUR 17/0500Z REPORT.
NO SIGNIFICANT OPTICAL ACTIVITY OR CHANGES HAVE BEEN REPORTED.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD WAS AT GENERALLY UNSETTLED LEVELS AND
UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED THRU THE PERIOD.

III. EVENT PROBABILITIES 17 - 19 OCT

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 OCT 98

PREDICTED 17-19 OCT 98/98/98

90-DAY MEAN 16 OCT 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 OCT 19

ESTIMATED AFR/AP 16 OCT 12/13

PREDICTED AFR/AP 17-19 OCT 12/15 - 16/20 - 16/20

SOLTERWARN

BT

HFUS 1 BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 290

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 17 OCTOBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. ALL DISK REGIONS ARE STABLE.
A MODERATE AFS IS PRESENT IN REGION 917 (N23W16). THE LIMBS ARE
QUIET.

IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL. PRESENT
REGIONS ARE SIMPLE AND POSSIBLE RETURNING REGIONS DO NOT HAVE
ACTIVE HISTORIES.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE THE PAST
24 HOURS. NO CHANGE IS EXPECTED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 18 OCTOBER - 20 OCTOBER

CLASS M 05/05/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 OCTOBER 96

PREDICTED 18-20 OCTOBER 95/94/93

90-DAY MEAN 17 OCTOBER 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 OCTOBER 08

ESTIMATED AFR/AP 17 OCTOBER 12/14

PREDICTED AFR/AP 18-20 OCTOBER 16/18 - 17/20 - 12/15

SOLTERWARN

BT