

HFUS 3 BOU 090430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 282A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 09 OCTOBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST SEVEN HOURS. POINT
BRIGHTENINGS AND PLAGE ENHANCEMENTS CONTINUE IN REGION 908
(N06E40) BUT AT A DIMINISHED RATE DURING THIS PERIOD. THE OTHER
DISK REGIONS ARE STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW TO MODERATE
LEVEL. REGION 908 RETAINS THE POTENTIAL FOR ENERGETIC EVENTS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST SEVEN HOURS.
QUIET TO SLIGHTLY UNSETTLED CONDITIONS ARE EXPECTED FOR THE
BALANCE OF THIS ZULU DAY.

III. EVENT PROBABILITIES 09 OCTOBER - 11 OCTOBER

CLASS M 60/60/60

CLASS X 15/15/15

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 OCTOBER 104

PREDICTED 09-11 OCTOBER 105/107/109

90-DAY MEAN 08 OCTOBER 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 OCTOBER 04

ESTIMATED AFR/AP 08 OCTOBER 06/06

PREDICTED AFR/AP 09-11 OCTOBER 07/10 - 10/14 - 07/10

SOLTERWARN

BT

HFUS 3 BOU 091500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 282-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 09 OCT 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST EIGHT HOURS. A CLASS C-1 X-RAY EVENT OCCURRED AT 09/0616Z BUT NO OPTICAL FLARE WAS REPORTED. REGION 908 (N07E34) CONTAINS AN ACTIVE N-LINE BUT IS OTHERWISE QUIET. A WEAK ASR NR NW30 HAS BEEN REPORTED THRU THE PERIOD.

IB. SOLAR ACTIVITY IS FORECAST TO BE LOW TO MODERATE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED AND NO SIGNIFICANT CHANGE IS EXPECTED THRU THE PERIOD.

III. EVENT PROBABILITIES 09 - 11 OCT

CLASS M 60/60/60

CLASS X 15/15/15

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 OCT 104

PREDICTED 09 - 11 OCT 105/107/109

90-DAY MEAN 08 OCT 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 OCT 04

ESTIMATED AFR/AP 08 OCT 06/05

PREDICTED AFR/AP 09 - 11 OCT 06/07 - 10/14 - 07/10

SOLTERWARN

BT

HFUS 1 BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 282

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 09 OCTOBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. SMALL
CLASS "C" X-RAY EVENTS AT 09/0449Z, 09/0646Z, AND 09/1615Z
HAVE BEEN RECORDED ALONG WITH SMALL OPTICAL FLARES. REGION
908 (N07E31) CONTAINS A DELTA MAGNETIC CONFIGURATION
AND THE N-LINE ALONG THE SOUTH HAS BEEN SLIGHTLY ACTIVE. LIMITED
OBSERVATIONS HAVE PRECLUDED AN IN DEPTH ANALYSIS OF THE DISK
AND LIMBS.

IB. SOLAR ACTIVITY WILL BE VERY LOW TO LOW. THE STABILITY OF
REGION 908 OVER THE PAST SEVERAL DAYS SUGGESTS THAT
REDEVELOPMENT MAY BE A PREREQUISITE TO FURTHER CLASS M OR
GREATER ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 24 HOURS.
QUIET TO SLIGHTLY UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT
72 HOURS.

III. EVENT PROBABILITIES 10 OCTOBER - 12 OCTOBER

CLASS M 60/60/60

CLASS X 10/10/10

PROTON 05/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 OCTOBER 101

PREDICTED 10-12 OCTOBER 101/102/101

90-DAY MEAN 09 OCTOBER 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 OCTOBER 08

ESTIMATED AFR/AP 09 OCTOBER 05/05

PREDICTED AFR/AP 10-12 OCTOBER 08/10 - 08/10 - 08/10

SOLTERWARN

BT