

HFUS 3 BOU 230500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 266A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 23 SEPT 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST TEN HOURS. A C-2
X-RAY BURST BEGAN AT 22/2357Z AND MAXED AT 23/0009Z. REGION 892
(S23W03), NOW A D TYPE SPOT GROUP, CONTINUES MINOR FLUCTUATIONS.
NEW SPOT DEVELOPMENT MAY BE OCCURRING NEAR S20 E82 AND S45 E47.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO VERY LOW DURING THE
REST OF THE FORECAST PERIOD. CONTINUED C-CLASS X-RAY ACTIVITY WITH
ISOLATED M-CLASS ACTIVITY IS LIKELY.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED DURING THE PAST TEN HOURS.
ACTIVE CONDITIONS, OCCASIONALLY REACHING MINOR STORM LEVELS,
SHOULD PREVAIL THROUGH THE REMAINDER OF THE ZULU DAY.

III. EVENT PROBABILITIES 23-25 SEPT

CLASS M 30/20/10

CLASS X 05/01/01

PROTON 30/15/01

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 SEPT 102

PREDICTED 23-25 SEPT 101/99/98

90-DAY MEAN 22 SEPT 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 SEPT 44

ESTIMATED AFR/AP 22 SEPT 30/50

PREDICTED AFR/AP 23-25 SEPT 20/30 - 10/20 - 07/15

SOLTERWARN

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HFUS 3 BOU 231500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 266-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 23 SEP 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 10 HOURS. ONE C-CLASS
X-RAY EVENT WAS OBSERVED AT 0630Z. REGION 892 (S24W05) APPEARS
STABLE WITH ONLY MINOR FLUCTUATIONS. NEW REGION 895 (S20E78) IS A
SIMPLE H-TYPE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO VERY LOW THROUGH THE
REMAINDER OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE PAST 10 HOURS.
UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED THROUGH THE RE-
MAINDER OF THE ZULU DAY.

III. EVENT PROBABILITIES 23 - 25 SEP

CLASS M 30/20/10

CLASS X 05/01/01

PROTON 30/15/01

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 SEP 102

PREDICTED 23 - 25 SEP 101/99/98

90-DAY MEAN 22 SEP 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 SEP 44

ESTIMATED AFR/AP 22 SEP 30/50

PREDICTED AFR/AP 23 - 25 SEP 20/30 - 10/20 - 07/15

SOLTERWARN

BT

HFUS 1 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 266

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 23 SEPTEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. REGION
892 (S23W12) APPEARS STABLE WITH SOME SLIGHT DECAY. TWO NEW
REGIONS HAVE EMERGED, 885 (S21E07) AND 886 (N28E25). BOTH APPEAR
RELATIVELY QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW ALTHOUGH
REGION 892 IS CAPABLE OF PRODUCING AN ISOLATED M-CLASS EVENT.
THERE IS A SLIGHT POSSIBILITY OF PROTONS FROM REGION 889.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE THE PAST 24 HOURS.
ACTIVE CONDITIONS ARE EXPECTED TO PERSIST FOR THE NEXT 12-18
HOURS AFTER WHICH THE FIELD IS EXPECTED TO BE UNSETTLED.

III. EVENT PROBABILITIES 24-26 SEP

CLASS M 20/10/01

CLASS X 01/01/01

PROTON 15/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 SEP 99

PREDICTED 24-26 SEP 97/95/94

90-DAY MEAN 23 SEP 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 SEP 40

ESTIMATED AFR/AP 23 SEP 15/20

PREDICTED AFR/AP 24-26 SEP 10/15 - 07/08 - 05/05

SOLTERWARN

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