

HFUS 3 BOU 160430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 289A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 16 OCTOBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. NO SIGNIFICANT CHANGE HAS
BEEN NOTED IN DISK OR LIMB FEATURES.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW WITH C-CLASS
ACTIVITY LIKELY AND AN ISOLATED M-CLASS EVENT POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. GENERALLY
ACTIVE CONDITIONS ARE EXPECTED.

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 19/25

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

SOLTERWARN

BT

HFUS 3 BOU 161500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 289-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z, 16 OCTOBER 1977

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. A NEW REGION
917 (N24 E03) HAS DEVELOPED THRU THE PERIOD AND LAST REPORT INDICATED
A "B" SPOT GROUP. SLOW DECAY CONTINUES IN 908 (N06W59). NO OTHER
SIGNIFICANT ACTIVITY HAS BEEN NOTED.

IB. SOLAR ACTIVITY WILL BE VERY LOW.

II. THE GEOMAGNETIC FIELD WAS ACTIVE AT 0600Z BUT HAS BEEN AT QUIET
LEVELS SINCE. THE FIELD IS EXPECTED TO CONTINUE TO BE UNSETTLED TO
ACTIVE WITH ISOLATED PERIODS OF MINOR STORM CONDITIONS DURING SUB-
STORM ACTIVITY.

III. EVENT PROBABILITIES 16 - 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 OCT 99

PREDICTED 16-18 OCT 99/99/99

90-DAY MEAN 15 OCT 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 OCT 11

ESTIMATED AFR/AP 15 OCT 19/25

PREDICTED AFR/AP 16-18 OCT 12/14 - 20/20 - 15/15

SOLTERWARN

BT

HFUS 1 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 289

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 16 OCTOBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. REGION
908 (N06W70) NO LONGER HAS SPOTS VISIBLE. NEW REGION 917
(N23W04) DEVELOPED EARLY IN THE PERIOD BUT HAS BEEN INACTIVE
SINCE. WEAK AFS'S HAVE BEEN REPORTED IN 914 (N22E35), 915
(N19W33), 914 ALSO PRODUCED A SUB FAINT FLARE AT 16/1946Z WITH
AN X-RAY ENHANCEMENT TO BELOW CLASS C LEVELS.

IB. SOLAR ACTIVITY WILL BE LOW TO VERY LOW. NO PRESENT DISK
REGIONS HOLD PROMISE FOR "M" CLASS ACTIVITY AND NO RETURNING
REGIONS ARE DUE IN THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE
THE PAST 24 HOURS. UNSETTLED TO ACTIVE CONDITONS 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