

HFUS 1 BOU 220600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 326A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 22 NOVEMBER 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT
HOURS. THE TWO DISK REGIONS ARE QUIET AND APPEAR STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO MODERATE. REGION 667 (S07W31)
IS EXPECTED TO PRODUCE CLASS C FLARES AND AN OCCASIONAL CLASS
M FLARE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST
EIGHT HOURS. IT IS EXPECTED THE FIELD WILL BE QUIET TO UNSETTLED
DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 22 NOVEMBER-24 NOVEMBER

CLASS M 40/40/30

CLASS X 05/05/05

PROTON 15/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 NOV 89

PREDICTED 22-24 NOV 86/84/81

90-DAY MEAN 21 NOV 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 NOV 05

ESTIMATED AFR/AP 21 NOV 16/28

PREDICTED AFR/AP 22-24 NOV 09/10 - 06/06 - 13/13

SOLTERWARN

BT

HFUS 1 30U 221430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 326-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 22 NOVEMBER 1975

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 15 HOURS. SLOW
DECAY CONTINUES IN REGION 667 (S07W35).

IB. REGION 667 STILL RETAINS THE POTENTIAL FOR ISOLATED EN-
ERGETIC EVENTS. NO SIGNIFICANT INCREASE HAS BEEN OBSERVED IN
PROTONS WITH ENERGIES GREATER THAN 10 MEV.

II. A SUDDEN COMMENCEMENT WAS OBSERVED AT 21/2305Z WITH THE FIELD
ENTERING A MINOR STORM CONFIGURATION AT 22/0600Z. THE STORM EFFECT
IS EXPECTED TO DIMINISH BY THE END OF THIS ZULU DAY WITH THE FIELD
RETURN TO UNSETTLED CONDITIONS. CAUSE OF THIS STORM IS BE-
LIEVED TO BE THE IB FLARE OF 21/0610Z.

III. EVENT PROBABILITIES 22 - 24 NOV

CLASS M 40/40/30

CLASS X 05/05/05

PROTON 15/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 NOV 89

PREDICTED 22 - 24 NOV 86/84/81

90-DAY MEAN 21 NOV 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 NOV 05

ESTIMATED AFR/AP 21 NOV 17/28

PREDICTED AFR/AP 22 - 24 NOV 28/30 - 10/10 - 07/07

SOLTERWARN

BT

GEOALERT WWA 326 220300

91221 10340 20890 30160 40030

48306 00000 32807 00110

A. ONE BRIGHT FLARE WAS OBSERVED 21/0610Z AT S07W20. IT WAS
CLASSIFIED AS M-2 X-RAY FLARE.

80622 77772 48306 QUIET 32807 ERUPTIVE

SOLALERT 22/28 MAGALERT 24/25

FIN

SOLTERWARN

HFUS-1 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 326

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 22 NOVEMBER 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.
SUNSPOT STRUCTURE FOR REGION 667 (S07W39) CONTINUES A SLOW
DECAY. HOWEVER, THE NEUTRAL LINE THROUGH THE LEADING PORTION
OF THE REGION IS INCREASING IN COMPLEXITY. THE TYPE I DEKAMETRIC
NOISE STORM CONTINUES AND HAS INCREASED TO MODERATE INTENSITY.

IB. REGION 667 STILL RETAINS THE POTENTIAL FOR ISOLATED ENER-
GETIC EVENTS. NO SIGNIFICANT INCREASE HAS BEEN OBSERVED IN PROTONS
WITH ENERGIES GREATER THAN 10 MEV.

II. A SUDDEN COMMENCEMENT WAS OBSERVED AT 21/2305Z WITH THE FIELD
ENTERING A MAJOR STORM CONFIGURATION AT 22/0600Z AT BOULDER. THE
STORM EFFECT IS DIMINISHING AND IS EXPECTED TO END WITHIN THE
NEXT 06-12 HOURS. CAUSE OF THIS STORM IS ATTRIBUTED TO THE IB
FLARE OF 21/0610Z. UNSETTLED FIELD CONDITIONS ARE EXPECTED
FOLLOWING CESSATION OF THIS STORM.

III. EVENT PROBABILITIES 23 - 25 NOV

CLASS M 40/40/30

CLASS X 05/03/03

PROTON 05/05/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 NOV 84

PREDICTED 23 - 25 NOV 81/78/76

90-DAY MEAN 22 NOV 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 NOV 17

ESTIMATED AFR/AP 22 NOV 36/45

PREDICTED AFR/AP 23 - 25 NOV 14/18 - 07/07 - 12/13

SOLTERWARN

BT