

HFUS 1 BOU 190530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 323A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 19 NOVEMBER 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. REGION 667
(S06E09) HAS PRODUCED FREQUENT NEAR FLARE FLUCTUATIONS AND HAS
GROWN SLIGHTLY MORE COMPLEX. REGION 666 (N06W41) HAS ALSO BEEN
FLUCTUATING AND SLIGHT GROWTH IS NOTED. CULGOORA REPORTS THE
MODERATE TYPE I RADIO STORM WITH CONTINUUM STILL IN PROGRESS ALONG
WITH A TYPE III STORM; THE SOURCE IS NEAR S03E02.

IB. LOW LEVELS OF ACTIVITY ARE PROBABLE AND SOME M-LEVEL FLARE
ACTIVITY CAN BE EXPECTED FROM REGION 667 AND, WITH A LESSER CHANCE,
REGION 666.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED.
QUIET CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 19 NOVEMBER - 21 NOVEMBER

CLASS M 50/50/05

CLASS X 10/10/10

PROTON 01/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 NOVEMBER 96

PREDICTED 19-21 NOVEMBER 100/100/100

90-DAY MEAN 18 NOVEMBER 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 NOVEMBER 10

ESTIMATED AFR/AP 18 NOVEMBER 06/06

PREDICTED AFR/AP 19-21 NOVEMBER 05/05 - 05/05 - 05/05

SOLTERWARN

BT

HFUS 1 BOU 191500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 323B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 19 NOVEMBER 1975

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST NINE HOURS.
SEVERAL CLASS C SUBFLARES HAVE BEEN REPORTED IN REGION 667 (S06E06).
REGION 667 RETAINS ITS DYNAMIC CHARACTERISTICS. DEVELOPMENT ALSO HAS
BEEN REPORTED IN REGION 666 (N06W44).

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE. REGIONS 666
AND 667 MAY PRODUCE SPORADIC FLARE ACTIVITY, INCLUDING CLASS M FLARES,
DURING THE REMAINDER OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS DISTURBED BY A BAY OF 48 GAMMAS OF
DECLINATION DURING THE INTERVAL 0710-0800Z AT BOULDER. QUIET CONDITIONS
HAVE BEEN OBSERVED SINCE ABOUT 0830Z.

III. EVENT PROBABILITIES 19-21 NOV

CLASS M 50/50/50

CLASS X 10/10/10

PROTON 01/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 NOV 96

PREDICTED 19-21 NOV 100/100/100

90-DAY MEAN 18 NOV 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 NOV 10

ESTIMATED AFR/AP 18 NOV 06/06

PREDICTED AFR/AP 19-21 NOV 05/05 - 05/05 - 05/05

SOLTERWARN

BT

GEOALERT WWA323 190300

91218 10530 20960 30060 40010

43906 00000 21106 03000

80619 77771 44006 QUIET 21006 ERUPTIVE

SOLALERT 19/28 MAGQUIET

FIN

SOLTERWARN

HFUS 1 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 323

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 19 NOVEMBER 1975

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS. REGIONS
666 (N06W49) AND 667 (S06E01) HAVE PRODUCED SPORADIC CLASS-C
SUBFLARES, BUT NO CLASS M OR CLASS X FLARES HAVE OCCURRED. REGION
666 CONTAINS AN ARCH FILAMENT SYSTEM AND HAS SHOWN SLIGHT RECENT
DEVELOPMENT. REGION 667 RETAINS ITS ABNORMAL MAGNETIC STRUCTURE.
LEADING POLARITY FIELDS EXIST EAST AND WEST OF THE LARGEST SPOT,
WHICH IS OF NORMAL FOLLOWING POLARITY. STRONG MAGNETIC GRADIENTS
EXIST IN REGION 667 NEAR THE LARGEST SPOT. OTHER REGIONS ARE
RELATIVELY UNIMPRESSIVE.

IB. A LOW TO MODERATE LEVEL OF SOLAR ACTIVITY IS EXPECTED.
REGIONS 666 AND ESPECIALLY 667 ARE EXPECTED TO PRODUCE SPORADIC
SMALL EVENTS DURING THE NEXT THREE DAYS. IN ADDITION, AT LEAST
ONE CLASS M FLARE IS LIKELY IN REGION 667 DURING THE FORECAST
PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN RELATIVELY QUIET DURING THE
PAST 24 HOURS, BUT SHORT PERIODS OF UNSETTLED TO ACTIVE CONDITIONS
HAVE BEEN REPORTED. GENERALLY QUIET CONDITIONS ARE LIKELY
DURING THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 20 - 22 NOV

CLASS M 50/50/50

CLASS X 10/10/10

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 NOV 96

PREDICTED 20 - 22 NOV 96/93/91

90-DAY MEAN 19 NOV 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 NOV 06

ESTIMATED AFR/AP 19 NOV 06/06

PREDICTED AFR/AP 20 - 22 NOV 05/05 - 05/05 - 07/07

SOLTERWARN

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