

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. CULCOORA 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 UNSETLED. 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
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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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