

HFUS / I BOU 100545

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 344A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 10 DECEMBER 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 668 (N06W80) HAS
CONTINUED ITS DECAY QUIETLY. NO SIGNIFICANT ACTIVITY HAS BEEN
NOTED.

IB. ACTIVITY LEVELS SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO QUIET THE PAST
8 HOURS. THE FIELD IS EXPECTED TO BE QUIET FOR THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 10 DECEMBER - 12 DECEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 DECEMBER 76

PREDICTED 10-12 DECEMBER 75/73/73

90-DAY MEAN 09 DECEMBER 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 DECEMBER 17

ESTIMATED AFR/AP 09 DECEMBER 13/15

PREDICTED AFR/AP 10-12 DECEMBER 07/07 - 04/05 - 03/05

SOLTERWARN

BT

HFUS 1 BOU 101500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 344-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 10 DECEMBER 1975

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST NINE HOURS.
NO SIGNIFICANT ENERGETIC ACTIVITY HAS BEEN REPORTED.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO CONTINUE
THROUGH THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED DURING THE
PAST NINE HOURS. GENERALLY QUIET GEOMAGNETIC CONDITIONS ARE
LIKELY THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 10 - 12 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 DEC 76

PREDICTED 10 - 12 DEC 75/73/73

90-DAY MEAN 09 DEC 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 DEC 17

ESTIMATED AFR/AP 09 DEC 13/15

PREDICTED AFR/AP 10 - 12 DEC 07/07 - 04/05 - 03/05

SOLTERWARN

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GEOALERT WWA344 100300

91209 10110 20760 30130 40040

47906 00000

80610 77773 48006 QUIET

SOLQUIET MAGQUIET

FIN

SOLTERWARN

HFUS 1 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 344

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 10 DECEMBER 1975

IA. A VERY LOW LEVEL OF SOLAR ACTIVITY HAS BEEN REPORTED DURING
THE PAST 24 HOURS. REGION 668 (N06W90) HAS DECLINED SLOWLY IN
H-ALPHA AND WHITE LIGHT. NEVERTHELESS, AT 10/1657Z, REGION 668
PRODUCED A SMALL LIMB FLARE ACCOMPANIED BY WEAK BUT LONG-DURATION
X-RAY EMISSION AND APPARENT EJECTION OF MATERIAL. NO DEKAMETRIC
EMISSION WAS OBSERVED AT BOULDER FOLLOWING THIS EVENT. OTHER DISK
REGIONS ARE UNIMPRESSIVE. OLD REGION 667, DUE TO RETURN TO THE
EAST LIMB TODAY AT S07, APPARENTLY HAS DECLINED CONSIDERABLY AND
NEITHER SPOTS NOR ENHANCED PLAGE HAVE BEEN REPORTED.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED THROUGH THE
FORECAST PERIOD. ONLY VERY LOW ENERGY EVENTS ARE LIKELY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED DURING THE
PAST 24 HOURS. GENERALLY QUIET CONDITIONS ARE LIKELY THROUGH THE
FORECAST PERIOD, WITH A SLIGHT RISE IN DISTURBANCE ON 13 DEC.

III. EVENT PROBABILITIES 11 DECEMBER - 13 DECEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 DECEMBER 76

PREDICTED 11-13 DECEMBER 76/77/78

90-DAY MEAN 10 DECEMBER 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 DECEMBER 12

ESTIMATED AFR/AP 10 DECEMBER 05/08

PREDICTED AFR/AP 11-13 DECEMBER 05/05 - 05/05 - 07/07

SOLTERWARN

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