

HFUS 3 BOU 150530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 349A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 15 DECEMBER 1977

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

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST EIGHT HOURS.  
IT IS EXPECTED THE FIELD WILL REMAIN QUIET DURING THE FORECAST  
PERIOD.

III. EVENT PROBABILITIES 15 DECEMBER - 17 DECEMBER

CLASS M 60/50/40

CLASS X 10/05/05

PROTON 10/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 DECEMBER 98

PREDICTED 15-17 DECEMBER 96/94/94

90-DAY MEAN 14 DECEMBER 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 DECEMBER 13

ESTIMATED AFR/AP 14 DECEMBER 06/06

PREDICTED AFR/AP 15-17 DECEMBER 06/06 - 05/05 - 05/05

SOLTERWARN

BT

HFUS 3 BOU 151500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 349-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 15 DEC 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 950 (S26W62) HAS HAD  
FLARE FLUCTUATIONS AND APPEARS TO BE DECAYING FURTHER IN WHITE LIGHT.  
THE REMAINDER OF THE DISK/LIMB HAS BEEN QUIET.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW FOR THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET CONDITIONS ARE  
EXPECTED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 15 - 17 DEC

CLASS M 20/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 DEC 98

PREDICTED 15 - 17 DEC 96/94/94

90-DAY MEAN 14 DEC 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 DEC 13

ESTIMATED AFR/AP 14 DEC 06/06

PREDICTED AFR/AP 15 - 17 DEC 06/06 - 05/05 - 05/05

SOLTERWARN

BT

HFUS 1 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 349

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 15 DEC 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 950 (S26W65) HAS  
DECAYED AND IS A C-TYPE SPOT GROUP WITH 3 SPOTS. THERE  
HAVE BEEN PLAGE FLUCTUATIONS BUT NO FLARES. REGION 958 (S22W12) HAS  
NO SPOTS. NEW REGION 960 (S28E13) IS AN A GROUP WITH 2 SPOTS.  
NEW REGION 959 (S22E12) HAS EMERGED 12 DEGREES EAST OF FORMER LOCATION  
OF REGION 956. IT IS A B GROUP WITH 2 SPOTS.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT 48 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET CONDITIONS ARE  
EXPECTED FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 16 - 18 DEC

CLASS M 10/05/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 DEC 94

PREDICTED 16 - 18 DEC 91/89/87

90-DAY MEAN 15 DEC 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 DEC 07

ESTIMATED AFR/AP 15 DEC 07/05

PREDICTED AFR/AP 16 - 18 DEC 05/05 - 05/05 - 08/08

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