

HFUS 3 BOU 140530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 348A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 14 DECEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.  
REGION 950 (S27W41) HAS BEEN DECAYING. THE REST OF THE DISK IS  
STABLE.

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

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETLED AND IT IS  
EXPECTED THE FIELD WILL BE QUIET TO SLIGHTLY UNSETLED.

III. EVENT PROBABILITIES 14 DECEMBER - 16 DECEMBER

CLASS M 60/60/50

CLASS X 30/30/20

PROTON 30/30/30

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 DECEMBER 104

PREDICTED 14-16 DECEMBER 101/99/97

90-DAY MEAN 13 DECEMBER 99

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 DECEMBER 18

ESTIMATED AFR/AP 13 DECEMBER 10/10

PREDICTED AFR/AP 14-16 DECEMBER 08/10 - 06/06 - 06/05

SOLTERWARN

BT

HFUS 3 BOU 141500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 348-B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 14 DEC 1977

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. OBSERVATIONS HAVE BEEN LIMITED, HOWEVER, ALL INDICATIONS ARE THAT ALL REGIONS ARE DECLINING. REGION 950 (S27W47) HAS BEEN REPORTED AS A C-TYPE AND GENERALLY QUIET. MINOR LIMB ACTIVITY HAS BEEN REPORTED WITH DEPARTING REGIONS ON SW LIMB.

IB. NO INCREASE IN SOLAR ACTIVITY IS ANTICIPATED THRU THE FORECAST PERIOD, HOWEVER, REGION 950 IS STILL CAPABLE OF SIGNIFICANT EVENTS AND SHOULD BE MONITORED FOR REJUVENATION.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 24 HOURS. EXPECT GENERALLY QUIET CONDITIONS WITH SHORT UNSETLED PERIODS THRU THE FORECAST PERIOD.

III. EVENT PROBABILITIES 14 - 16 DEC

CLASS M 60/60/50

CLASS X 10/10/10

ROTOM 10/10/10

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 DEC 104

PREDICTED 14 - 16 DEC 101/99/97

90-DAY MEAN 13 DEC 99

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 DEC 18

ESTIMATED AFR/AP 13 DEC 10/11

PREDICTED AFR/AP 14 - 16 DEC 08/10 - 06/06 - 06/05

SOLTERWARN

BT

HFUS 1 BOU 142200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 348  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 14 DEC 1977

IA. THE SUN HAS BEEN VERY QUIET THE PAST 24 HOURS. ONLY SMALL, LESS THAN CLASS C LEVEL, FLARES HAVE BEEN REPORTED. MOST OF THIS SMALL ACTIVITY HAS BEEN ASSOCIATED WITH RAPIDLY DECLINING REGION 950 (S25W51) AND WITH REGION 953 (N26W06). ALL OTHER REGIONS ARE STABLE AND QUIET. THE LARGE PROMINENCE ON THE WEST LIMB NEAR N40 REMAINS QUIESCENT.

IB. THE VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO CONTINUE THRU THE NEXT THREE DAYS. REGION 950 THO CAPABLE OF ENERGETIC ACTIVITY IS NOT EXPECTED TO BE ACTIVE UNLESS NEW DEVELOPMENT APPEARS.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET THE PAST 36 HOURS. QUIET CONDITIONS ARE EXPECTED TO CONTINUE THRU THE FORECAST PERIOD.

III. EVENT PROBABILITIES 15 - 17 DEC

CLASS M 60/50/40

CLASS X 10/05/05

PROTON 10/05/05

PCAF YELLOW

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