

HFUS 3 BOU 210530  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 355A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 21 DECEMBER 1977  
IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.  
VERY LITTLE CHANGE HAS BEEN OBSERVED IN THE DISK REGIONS. THE  
LIMBS APPEAR QUIET.  
IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.  
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IT IS EXPECTED THE  
FIELD WILL REMAIN QUIET TO SLIGHTLY UNSETLED.  
III. EVENT PROBABILITIES 21 DECEMBER - 23 DECEMBER

CLASS M            01/01/01  
CLASS X            01/01/01  
PROTON            01/01/01  
PCAF              GREEN

IV. OTTAWA 10.7 CM FLUX  
OBSERVED          20 DECEMBER 92  
PREDICTED        21-23 DECEMBER 92/92/92  
90-DAY MEAN       20 DECEMBER 97  
V. GEOMAGNETIC A. INDICES  
OBSERVED FREDERICKSBURG 19 DECEMBER 03  
ESTIMATED AFR/AP    20 DECEMBER 05/04  
PREDICTED AFR/AP    21-23 DECEMBER 07/07 - 10/10 - 12/12  
SOLTERWARN  
BT

HFUS 3 BOU 211500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 355B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 21 DECEMBER 1977

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL WITH NO FLARE  
ACTIVITY BEING REPORTED AND ALL REGIONS STABLE OR DECLINING.  
LIMBS ARE QUIET.

IB. NO INCREASE IN ACTIVITY LEVELS IS EXPECTED THRU THE FORECAST  
PERIOD.

II. THE GEOMAGNETIC FIELD CONTINUES TO BE QUIET. GENERALLY QUIET  
CONDITIONS ARE EXPECTED TO PREVAIL THRU MOST OF THIS UT DAY WITH  
CONDITIONS INCREASING TO UNSETLED CONDITIONS BY 23 DEC.

III. EVENT PROBABILITIES 21 DECEMBER - 23 DECEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 DECEMBER 92

PREDICTED 21-23 DECEMBER 92/92/92

90-DAY MEAN 20 DECEMBER 97

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 DECEMBER 03

ESTIMATED AFR/AP 20 DECEMBER 05/04

PREDICTED AFR/AP 21-23 DECEMBER 07/07 - 10/10 - 12/12

SOLTERWARN

BT

HFUS 1 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 355

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 21 DEC 1977

IA. THE VERY LOW LEVEL OF SOLAR ACTIVITY CONTINUES. ALL DISK REGIONS ARE SIMPLE AND DECLINING. NO FLARES HAVE BEEN REPORTED OVER THE PAST 48 HOURS. LIMBS HAVE ALSO BEEN QUIET AND NO ACTIVITY HAS BEEN REPORTED IN THE AREA OF RETURNING REGION 946 (N16 L-252) WHICH IS DUE BACK IN THE NEXT 24 HOURS.

IB. SOLAR ACTIVITY LEVELS SHOULD REMAIN AT A VERY LOW LEVEL THRU THE FORECAST PERIOD.

II. THE QUIET GEOMAGNETIC CONDITIONS PREVALENT THE PAST 3 DAYS CONTINUED THIS UT DAY. GENERALLY QUIET CONDITIONS WITH SOME UNSETTLED PERIODS ARE EXPECTED THRU THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 22-24 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 DEC 91

PREDICTED 22-24 DEC 92/92/93

90-DAY MEAN 21 DEC 97

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 DEC 04

ESTIMATED AFR/AP 21 DEC 04/04

PREDICTED AFR/AP 22-24 DEC 10/10 - 12/12 - 07/07

SOLTERWARN

BT