

HFUS 1 BOU 110600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 346A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 11 DECEMBER 1976

IA. REGION 759 (N07E04) CONTINUES WITH A SMALL TYPE-B SPOT GROUP  
WITH ASYMMETRIC LEADING SPOT. AN ACTIVE FILAMENT IS DEVELOPING  
ABOVE THE AREA OF STEEP MAGNETIC GRADIENT. NO EVENTS HAVE OCCURRED  
DURING THE PAST 12 HOURS. A SPOTLESS PLAGE AT N45W32 HAS POLARITIES  
REVERSED FOR NEW CYCLE ACTIVE REGIONS.

IB. FLARES WITH X-RAY FLUX APPROACHING CLASS M ARE LIKELY DURING  
THE NEXT TWO DAYS.

II. THE GEOMAGNETIC FIELD HAS BECOME SLIGHTLY ACTIVE DURING THE  
PAST 6 HOURS AS EARTH ENCOUNTERED A SOLAR WIND STREAM FROM A  
CORONAL HOLE. ACTIVE TO SLIGHTLY UNSETLED CONDITIONS MAY CONTINUE  
FOR ANOTHER 24 HOURS BEFORE A RETURN TO MOSTLY QUIET CONDITIONS.

III. EVENT PROBABILITIES 11-13 DECEMBER

CLASS M	05/05/05
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	10 DEC 79
PREDICTED	11-13 DEC 80/81/80
90-DAY MEAN	10 DEC 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	09 DEC 14
ESTIMATED AFR/AP	10 DEC 11/14
PREDICTED AFR/AP	11-13 DEC 15/17 - 15/17 - 07/08
SOLTERWARN	
BT	

HFUS 1 BOU 111500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 346-B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 11 DEC 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 759 (N07W01)  
REMAINS STABLE AND QUIET. A SPOTLESS PLAGE AT N45W32 HAS POLARITIES  
REVERSED FOR A NEW CYCLE ACTIVE REGION.

IB. THE ACTIVITY LEVEL SHOULD REMAIN VERY LOW. FLARES WITH  
X-RAY FLUX APPROACHING CLASS M ARE LIKELY DURING THE NEXT TWO DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 8 HOURS.  
ACTIVE TO SLIGHTLY UNSETLED CONDITIONS MAY CONTINUE THRU  
11 DEC, BEFORE A RETURN TO MOSTLY QUIET CONDITIONS.

III. EVENT PROBABILITIES 11 - 13 DEC

CLASS M 05/05/05  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 DEC 79  
PREDICTED 11 - 13 DEC 80/81/80  
90-DAY MEAN 10 DEC 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 DEC 14  
ESTIMATED AFR/AP 10 DEC 11/14  
PREDICTED AFR/AP 11 - 13 DEC 15/17 - 15/17 - 07/08

SOLTERWARN  
BT

HFUS 1 BOU 112200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 346  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 11 DEC 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 759 (N06W07) HAS  
BEEN STABLE WITH NO SIGNIFICANT ACTIVITY. THE PLAGUE REGION AT  
N28W03 MAY BE DEVELOPING SPOTS.

IB. SOLAR ACTIVITY LEVELS SHOULD REMAIN VERY LOW, ALTHOUGH A  
POSSIBILITY STILL EXISTS FOR NON-ENERGETIC FLARE ACTIVITY.

II. GEOMAGNETIC CONDITIONS HAVE BEEN VARIABLE DURING THE PAST 24  
HOURS, DECREASING FROM ACTIVE TO QUIET. UNSETTLED TO QUIET  
CONDITIONS ARE EXPECTED OVER THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 12 - 14 DEC

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 DEC 81

PREDICTED 12 - 14 DEC 81/80/80

90-DAY MEAN 11 DEC 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 DEC 10

ESTIMATED AFR/AP 11 DEC 14/17

PREDICTED AFR/AP 12 - 14 DEC 07/08 - 07/05 - 05/05

SOLIERWARN

BT