

BT  
HFUS 1 BOU 091300  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 282A  
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 1300Z 09 OCT 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
08/1200Z TO 09/1200Z: SOLAR ACTIVITY HAS VERGED ON VERY LOW WITH  
NO XRAY EVENTS LARGER THAN C1 FOR THE PAST 48 HOURS. ALL FIVE  
OF THE SPOTTED REGIONS ARE SMALL AND STABLE. REGION  
3940(N15E13) FORMED TODAY BETWEEN TWO OTHER SMALL REGIONS. ITS  
GROWTH HAS ALREADY SLOWED. A BRIGHT PLAGE AT N12E75 HAS BEEN  
NUMBERED REGION 3941. NO SPOTS HAVE BEEN OBSERVED YET AT THIS  
LOCATION. THESE TWO NEW REGIONS MAY ACCOUNT FOR THE RADIO FLUX  
REMAINING STEADY FOR THE PAST 24 HOURS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN LOW. NO SIGNIFICANT REGIONS ARE EXPECTED TO RETURN TO  
EAST LIMB IN THE NEXT THREE DAYS. FLUX EMERGENCE ON THE DISK  
HAS NEARLY CEASED.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD  
CONTINUED ACTIVE FOR THE EARLY PART OF THIS PERIOD, BUT BECAME  
QUIET FOR THE PAST 15 HOURS. QUIET TO SLIGHTLY UNSETTLED  
CONDITIONS ARE EXPECTED FOR THE NEXT 24 HOURS AND GENERALLY  
UNSETTLED CONDITIONS FOR THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 10 OCT-12 OCT

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

IV. OTTAWA 10.7 CM FLUX

OBSERVED	08 OCT	137
ESTIMATED	09 OCT	135
PREDICTED	10 OCT-12 OCT	133/130/130
90 DAY MEAN	08 OCT	170

V. GEOMAGNETIC A INDICES

OBSERVED	AFR	07 OCT	027	AP	08 OCT	020
ESTIMATED	AFR	08 OCT	017	AFR/AP	09 OCT	004/010
PREDICTED	AFR/AP	10 OCT-12 OCT	008/015-010/015-010/010			

SOLTERWARN  
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