

HFUS3 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 262

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 19 SEP 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100  
TO 19/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. THE SOLE  
SPOTTED REGION ON THE DISK, REGION 4694 (S11W17), HAS BEEN  
STABLE AND QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE  
VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 18/2100Z TO 19/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN AT STORM LEVELS SINCE  
APPROXIMATELY 1200Z WHEN MAJOR STORM CONDITIONS WERE OBSERVED  
AT ALL LATITUDES. THE MOST LIKELY SOURCE OF THE DISTURBANCE IS  
A WEAK CORONAL HOLE INFERRED BY KITT PEAK TO BE NEAR CENTRAL  
MERIDIAN ON SEPTEMBER 17TH. THE STORM CONTINUES, BUT AT A  
LESSER LEVEL. PREDOMINANTLY UNSETTLED CONDITIONS WERE IN  
EVIDENCE PRIOR TO 1200Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD  
SHOULD BE PREDOMINANTLY UNSETTLED TO ACTIVE THE NEXT THREE  
DAYS.

III. EVENT PROBABILITIES 20 SEP-22 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 SEP 070

PREDICTED 20 SEP-22 SEP 070/070/071

90 DAY MEAN 19 SEP 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 18 SEP 006/010

ESTIMATED AFR/AP 19 SEP 023/030

PREDICTED AFR/AP 20 SEP-22 SEP 015/020-015/015-015/015

SOLTERWARN

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