

HFUS 3 BOU 272200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 086  
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 27 MAR 1983  
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 26/2100  
TO 27/2100Z: SOLAR ACTIVITY CONTINUED LOW DURING THIS PERIOD.  
THE LARGEST, AND ONLY OPTICAL EVENT, OBSERVED WAS A C1/SN FROM  
REGION 4128 (S14E31) AT 27/1841UT. ALL REPORTS FROM THE  
OBSERVATORIES INDICATES THAT ALL REGIONS ARE STABLE OR SLIGHTLY  
DECAYED. NO NEW REGIONS WERE NUMBERED TODAY.  
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
CONTINUE LOW DURING THIS FORECAST PERIOD.  
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z:  
THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED WITH QUIET  
PERIODS DURING THIS PERIOD.  
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO REMAIN UNSETTLED UNTIL 29 MARCH WHEN ACTIVE  
CONDITIONS, IN RESPONSE TO THE LARGE CORONAL HOLE NOW 1 DAY  
PAST CENTRAL MERIDIAN, ARE FORECAST FOR THE REST OF THE PERIOD.  
III. EVENT PROBABILITIES 28 MAR-30 MAR  
CLASS M 05/05/05  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 27 MAR 110  
PREDICTED 28 MAR-30 MAR 108/108/105  
90 DAY MEAN 27 MAR 131  
V. GEOMAGNETIC A INDICES  
OBSERVED AFR/AP 26 MAR 016/014  
ESTIMATED AFR/AP 27 MAR 004/010  
PREDICTED AFR/AP 28 MAR-30 MAR 010/015-020/020-025/025  
SOLTERWARN  
BT