

FUS 3 BOU 192200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 200  
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 19 JUL 1983  
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100  
TO 19/2100Z: SOLAR ACTIVITY REMAINS LOW. THE MOST DRAMATIC  
OCCURRENCES DURING THE PAST 24 HOURS WERE TWO IMPORTANCE 1  
FLARES FROM A SPOTLESS PLAGE CENTERED NEAR S12E65. BOTH FLARES  
OCCURRED BETWEEN 1400Z AND 1500Z. THE PLAGE WILL BE NUMBERED  
REGION 4254. THE OTHER DISK REGIONS APPEAR STABLE OR DECLINING  
AND ARE MANAGING ONLY AN OCCASIONAL SUBFLARE.  
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN LOW.  
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 18/2100Z TO 19/2100Z:  
THE GEOMAGNETIC FIELD WAS UNSETTLED.  
IIB. GEOPHYSICAL ACTIVITY FORECAST: GENERALLY UNSETTLED  
CONDITIONS SHOULD CONTINUE.  
III. EVENT PROBABILITIES 20 JUL-22 JUL  
CLASS M 05/05/05  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 19 JUL 116  
PREDICTED 20 JUL-22 JUL 111/110/110  
90 DAY MEAN 19 JUL 135  
V. GEOMAGNETIC A INDICES  
OBSERVED AFR/AP 18 JUL 020/024  
ESTIMATED AFR/AP 19 JUL 012/020  
PREDICTED AFR/AP 20 JUL-22 JUL 015/020-012/015-010/010  
SOLTERWARN  
BT