

HFUS I BOU 032200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO  
SDF NUMBER 0384  
JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 03 FEBRUARY 1979  
IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1548 (S14E15) AND  
REGION 1545 (N07W06) HAVE BOTH PRODUCED C-CLASS SUBFLARES DURING  
THE PAST 24 HOURS. REGION 1554 (N35E53) HAS PRODUCED A SUB-BRIGHT  
FLARE. A NEW REGION 1556 (N15E74) IS NOW VISIBLE WITH A LARGE  
H-TYPE SPOT. ALL OTHER DISK AND LIMB FEATURES HAVE BEEN QUIET  
AND STABLE.  
IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE. RETURNING  
REGION 1517 (NUMBERED 1556 ON THIS ROTATION) AND REGIONS 1545  
AND 1548 PRESENTLY DISPLAY THE BRIGHTEST PLAGE AND HAVE THE  
POTENTIAL TO PRODUCE M-CLASS FLARES DURING THE FORECAST PERIOD.  
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO  
REMAIN QUIET FOR THE NEXT 24 HOURS. IT WILL THEN BECOME  
SLIGHTLY UNSETTLED DURING THE FOLLOWING 48 HOURS.  
III. EVENT PROBABILITIES 04-06 FEB  
CLASS M 70/70/70  
CLASS X 05/05/05  
PROTON 05/05/05  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 03 FEB 196  
PREDICTED 04-06 FEB 198/200/202  
90-DAY MEAN 03 FEB 179  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 02 FEB 07  
ESTIMATED AFR/AP 03 FEB 06/05  
PREDICTED AFR/AP 04-06 FEB 07/07 - 09/10 - 09/07  
SOLTERWARN  
BT