

HFUS3 BOU 152200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 319  
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 15 NOV 1985  
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100  
TO 15/2100Z: SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL.  
REGION 4703 (S08E27) HAS GROWN SIGNIFICANTLY OVER THE PAST 24  
HOURS AND IS NOW A D-TYPE SPOT GROUP. REGION 4703 REMAINS  
MAGNETICALLY SIMPLE. REGIONS 4701 (S09W12) AND 4702 (N03E32)  
ARE SMALL AND QUIET.  
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN AT A VERY LOW LEVEL. CONTINUED DEVELOPMENT IN REGION  
4703 COULD RESULT IN ENERGETIC ACTIVITY IN THE NEXT FEW DAYS.  
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED TO ACTIVE.  
A SHORT PERIOD OF MINOR STORM CONDITIONS EXISTED DURING THE  
MIDDLE OF THE PERIOD.  
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE UNSETTLED TO ACTIVE EARLY IN THE PERIOD. ACTIVE  
CONDITIONS ARE EXPECTED ON 19 NOV.  
III. EVENT PROBABILITIES 16 NOV-18 NOV  
CLASS M 05/05/05  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 15 NOV 086  
PREDICTED 16 NOV-18 NOV 088/090/092  
90 DAY MEAN 15 NOV 072  
V. GEOMAGNETIC A INDICES  
OBSERVED AFR/AP 14 NOV 014/017  
ESTIMATED AFR/AP 15 NOV 012/015  
PREDICTED AFR/AP 16 NOV-18 NOV 010/015-010/015-015/020  
SOLTERWARN  
BT

HXUS BOU 152200  
PREDM 00516 00517 00518  
PREDX 00116 00117 00118  
PREDP 00116 00117 00118  
PCAFT 00116  
TENCM 08816 09017 09218  
AFRED 01016 01017 01518  
AFAPF 01516 01517 02018  
BT