

HFUS3 BOU 132200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 194

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 13 JUL 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 12/2100  
TO 13/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE  
PAST 24 HOURS. REGION 4671 (S15W92) WILL BE OVER THE WEST LIMB  
BY DAYS END AND REGION 4676 (N04W60) MAY DECAY COMPLETELY  
BEFORE IT REACHES THE WEST LIMB. THE REST OF THE DISK AND THE  
LIMBS ARE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 12/2100Z TO 13/2100Z:  
THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE WITH BRIEF  
PERIODS OF MINOR STORM CONDITIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 14 JUL-16 JUL

CLASS M 20/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 JUL 083

PREDICTED 14 JUL-16 JUL 078/074/070

90 DAY MEAN 13 JUL 080

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 12 JUL 035/062

ESTIMATED AFR/AP 13 JUL 011/020

PREDICTED AFR/AP 14 JUL-16 JUL 010/020-010/015-010/015

SOLTERWARN

BT

HXUS BOU 132200