

HFUS3 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 035

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 04 FEB 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100  
TO 04/2100Z: SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. BOTH  
REGION 4620 (S16 W53) AND REGION 4621 (N16 W57) APPEAR TO BE  
DECLINING. NO OTHER SPOT GROUPS ARE VISIBLE ON THE DISK. OLD  
REGION 4616 (S07 L133) RETURNED AS SIMPLE QUIET PLAGE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE AT  
A VERY LOW LEVEL. NO REGIONS ARE DUE TO RETURN IN THE NEXT  
THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BECOME ACTIVE IN THE NEXT 24 HOURS. AN INCREASE TO  
MINOR STORM LEVEL CONDITIONS IS POSSIBLE ON 6 FEB.

III. EVENT PROBABILITIES 05 FEB-07 FEB

CLASS M 01/01/01  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 FEB 073  
PREDICTED 05 FEB-07 FEB 073/072/071  
90 DAY MEAN 04 FEB 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 FEB 007/010  
ESTIMATED AFR/AP 04 FEB 005/007  
PREDICTED AFR/AP 05 FEB-07 FEB 015/015-025/025-020/020

SOLTERWARN

BT