

HFUS3 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 106

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 16 APR 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 15/2100  
TO 16/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24  
HOURS. NO SPOTTED REGIONS ARE CURRENTLY VISIBLE ON THE DISK. NO  
NEW REGIONS WERE NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN VERY LOW. NO SIGNIFICANT REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 15/2100Z TO 16/2100Z:  
THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED. AN ISOLATED  
DISTURBANCE FROM 1200-1500UT YIELDED ACTIVE CONDITIONS AT HIGH  
LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS  
EXPECTED TO BE AT UNSETTLED LEVELS ON THE 17TH OF APRIL.  
UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED FOR THE 18TH AND  
19TH. THIS ACTIVITY IS BASED ON THE POSSIBILITY OF ENHANCEMENT  
DUE TO THE DISAPPEARING FILAMENTS OF APRIL 14TH.

III. EVENT PROBABILITIES 17 APR-19 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 APR 069

PREDICTED 17 APR-19 APR 070/070/070

90 DAY MEAN 16 APR 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 15 APR 004/007

ESTIMATED AFR/AP 16 APR 008/013

PREDICTED AFR/AP 17 APR-19 APR 008/010-012/020-010/015

SOLTERWARN

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