

HFUS3 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 184

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 02 JUL 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100  
TO 02/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THIS  
PERIOD. ACTIVITY NOTED THIS PERIOD INCLUDED A C-CLASS XRAY  
BURST AT 1818Z (MAX) AND SUBFAINT FLARES AT 1755Z (MAX) AND  
1828Z (MAX). SEVERAL REGIONS WERE NUMBERED TODAY: 4528  
(N07E65), 4529 (N04E34), 4530 (N14W66) AND 4531 (N19E68). REGION  
4531 IS A SMALL C TYPE GROUP WHILE THE OTHERS ARE SMALL A TYPE  
GROUPS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS. OLD REGION  
4509 IS DUE TO RETURN ON 3 JULY BUT IS NOT EXPECTED TO BE  
ENERGETIC.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z:  
THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE AT MID LATITUDES  
AND GENERALLY ACTIVE AT HIGH LATITUDES.

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

III. EVENT PROBABILITIES 03 JUL-05 JUL

CLASS M	05/05/05
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	02 JUL	100
PREDICTED	03 JUL-05 JUL	100/101/100
90 DAY MEAN	02 JUL	119

V. GEOMAGNETIC A INDICES

OBSERVED	AFR/AP	01 JUL	014/019
ESTIMATED	AFR/AP	02 JUL	011/020
PREDICTED	AFR/AP	03 JUL-05 JUL	012/015-012/015-010/015

SOLTERWARN

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