

HFUS 1 BOU 081300

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 098A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 1300Z 08 APR 1982.

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
07/1200Z TO 08/1200Z: SOLAR ACTIVITY REMAINS LOW. NO SIGNIFICANT  
ACTIVITY HAS BEEN OBSERVED FOR OVER 48 HOURS. THE VISIBLE DISK  
REGIONS ARE SIMPLE IN STRUCTURE AND ARE EITHER STABLE OR  
DECAYING. HOWEVER, A SPOT IS NOW VISIBLE IN REGION 3684  
(S26E75).

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
CONTINUE AT A LOW LEVEL AS THE VISIBLE REGIONS CONTINUE TO  
DECAY.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS  
BEEN QUIET. QUIET TO UNSETLED CONDITIONS SHOULD CONTINUE FOR  
AT LEAST ANOTHER 24 TO 48 HOURS.

III. EVENT PROBABILITIES 09 APR-11 APR

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 APR 163

ESTIMATED 08 APR 168

PREDICTED 09 APR-11 APR 171/176/178

90 DAY MEAN 07 APR 201

V. GEOMAGNETIC A(1) INDICES

OBSERVED AFR 06 APR 014 API 07 APR 009

ESTIMATED AFR 07 APR 007 AFR/API 08 APR 008/012

PREDICTED AFR/API 09 APR-11 APR 012/012-012/008-008/008

SOLTERWARN

BT

HXUS BOU 081300

PREDM 01009 01010 01011

PREDX 00109 00110 00111

PREDP 00109 00110 00111

PCAFPT 00109

TENCM 17109 17610 17811

AFRED 01209 01210 00811

AFAPP 01209 00810 00811

KKK 22233 32223 33332

BT

HFXS 3 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 098B

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 08 APR 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/1200Z TO 08/2100Z: SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 9 HOURS. REGIONS 3684 (S27E66) AND 3671 (N06W24) EACH PRODUCED A SMALL C-CLASS SUBFLARE. REGION 3684 IS NOW OBSERVED TO BE A D-TYPE GROUP WITH 4 SPOTS VISIBLE. NEW REGION 3685 (S06E19), AN A-TYPE SPOT, DEVELOPED ON THE DISK TODAY. ALL OTHER REGIONS WERE REPORTED TO BE STABLE OR UNDERGOING DECAY.

IB. SOLAR ACTIVITY FORECAST: SIGNIFICANT SOLAR ACTIVITY IS NOT EXPECTED DURING THE NEXT THREE DAYS.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS BEEN UNSETLED DURING THE PAST 9 HOURS. GEOMAGNETIC CONDITIONS ARE EXPECTED TO REMAIN MOSTLY UNSETLED THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 09 APR-11 APR

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 APR 165

PREDICTED 09 APR-11 APR 171/176/178

90 DAY MEAN 08 APR 201

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 APR 006/009

ESTIMATED AFR/AP 08 APR 009/011

PREDICTED AFR/AP 09 APR-11 APR 012/012-012/008-008/008

SOLTERWARN

BT

HXUS BOU 082200

PREDM 01009 01010 01011

PREDX 00109 00110 00111

PREDP 00109 00110 00111

PCAFF 00109

TENCM 17109 17610 17811

AFRED 01209 01210 00811

AFAPF 01209 00810 00811

BT