

HFUS 1 BOU 061300  
 FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
 SDF NUMBER 096A  
 JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
 ISSUED 13007 06 APR 1982  
 IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
 05/1200Z TO 06/1200Z: SOLAR ACTIVITY HAS BEEN MODERATE,  
 CONSISTING OF AN M1 AT 05/1545Z WITH AN ERUPTIVE LIMB  
 PROMINENCE TO .46R FROM REGION 3659(N13W100). A SMALL AMOUNT  
 OF ADDITIONAL LOW LEVEL ACTIVITY WAS OBSERVED. REGIONS  
 CONTRIBUTING TO THIS ACTIVITY WERE 3674(S08W34), 3671(N05E10),  
 AND 3672(N09W01). NONE OF THE REGIONS UNDER OBSERVATION APPEAR  
 LIKELY TO PRODUCE SIGNIFICANT ACTIVITY. AMONG REGIONS DUE TO  
 RETURN ARE OLD REGIONS 3643, AND 3644, BOTH OF WHICH PRODUCED  
 ACTIVITY LAST ROTATION. AS YET NO REPORTS SUGGESTING THEIR  
 RETURN HAVE BEEN RECEIVED.  
 IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE  
 LOW. NO CHANGE IS EXPECTED UNTIL GROWTH IS OBSERVED IN REGIONS  
 ON THE DISK, OR UNTIL REGIONS WITH FLARE POTENTIAL ROTATE INTO  
 VIEW.  
 II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS  
 BEEN ACTIVE. IT IS EXPECTED TO REMAIN ACTIVE TO UNSETTLED  
 DURING THE PERIOD OF THIS FORECAST.  
 III. EVENT PROBABILITIES 07 APR-09 APR  
 CLASS M 30/30/30  
 CLASS X 01/01/01  
 PROTON 01/01/01  
 PCAF GREEN  
 IV. OTTAWA 10.7 CM FLUX  
 OBSERVED 05 APR 160  
 ESTIMATED 06 APR 160  
 PREDICTED 07 APR-09 APR 161/161/163  
 90 DAY MEAN 05 APR 201  
 V. GEOMAGNETIC A INDICES  
 OBSERVED AFR 04 APR 021 4P 05 APR 021  
 ESTIMATED AFR 05 APR 016 AFR/AP 06 APR 015/020  
 PREDICTED AFR/AP 07 APR-09 APR 015/012-015/012-012/012  
 SOLTERWARN  
 BT

HXUS BOU 061300  
 PREDM 03007 03008 03009  
 PREDX 00107 00108 00109  
 PREDP 00107 00108 00109  
 PCAFT 00107  
 TENCN 16107 16108 16309  
 AFPED 01507 01508 01209  
 AFAPF 01207 01208 01209  
 KKK 43343 32233 34332  
 BT

HFUS 3 BOU 062200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 096B

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 06 APR 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
06/1200Z TO 06/2100Z: SOLAR ACTIVITY HAS BEEN LOW. NO OPTICAL OR  
XRAY EVENTS HAVE BEEN REPORTED THIS PERIOD. REGIONS 3674  
(S07W36) AND 3675 (S13E36) HAVE GROWN SINCE YESTERDAY BUT THEY  
ARE STILL SIMPLE QUIET REGIONS. ALL OTHER REGIONS ARE STABLE OR  
DECLINING. TWO LARGE BUT APPEARANTLY STABLE REGIONS ROTATED  
AROUND THE EAST LIMB TODAY; REGION 3679 (N13E76) AND REGION  
3680 (S04E77).

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN LOW, WITH NONE OF THE REGIONS CURRENTLY ON THE DISK  
CAPABLE OF MAJOR FLARE ACTIVITY.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS  
BEEN SLIGHTLY ACTIVE THE PAST 24 HOURS AND IS EXPECTED TO BE  
UNSETTLED TO ACTIVE THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 07 APR-09 APR

CLASS M 30/30/30  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 APR 165  
PREDICTED 07 APR-09 APR 168/171/177  
00 DAY MEAN 06 APR 201

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 05 APR 017/021  
ESTIMATED AFR/AP 06 APR 014/020  
PREDICTED AFR/AP 07 APR-09 APR 015/012-015/012-012/012  
SOLTERWARN

BT

HXUS BOU 062200  
PREDM 03007 03008 03009  
PREDX 00107 00108 00109  
PREDP 00107 00108 00109  
PCAFT 00107  
TENCM 16807 17108 17709  
AFRED 01507 01508 01209  
AFAPF 01207 01208 01209  
BT