

HFXS 1 BOU 061300  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 096A  
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 1300Z 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(N13W10). 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 UNSETLED 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 AP 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 03003 03009  
PREDX 00107 00103 00109  
PREDP 00107 00108 00109  
PCAFT 00107  
TENCM 16107 16103 16309  
AFRFD 01507 01503 01209  
AFAPF 01207 01208 01209  
KKK 43343 32233 34332  
BT

HFXS 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 APPEARENTLY 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. EVFNT 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

90 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

PCAF 00107

TENCM 16807 17108 17709

AFRED 01507 01508 01209

AFAPF 01207 01208 01209

BT