

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. GEOPEYSICAL 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 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 03008 03009
PREDX 00107 00108 00109
PREDP 00107 00108 00109
PCAFT 00107
TENCM 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
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