

HFUS3 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 190

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 08 JUL 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100 TO 08/2100Z: SOLAR ACTIVITY HAS BEEN LOW THIS PERIOD. EVENTS HAVE INCLUDED NUMEROUS RADIO BURSTS AND SWEEPS (MINOR), B LEVEL X-RAY FLARES AND OPTICAL SUBFLARES. REGIONS 4525 (N13W55), 4532 (S07E02), AND NEW REGION 4537 (S09E52) HAVE PRODUCED THE SUBFLARES. REGIONS 4525 AND 4532 HAVE NOT CHANGED DRAMATICALLY THIS PERIOD. REGION 4537 IS A C TYPE SPOT GROUP WITH A REVERSED POLARITY CONFIGURATION. NEW REGION 4538 (N04W61), AN A TYPE SPOT GROUP, WAS ALSO NUMBERED THIS PERIOD. THE REMAINDER OF THE DISK APPEARS STABLE AT THIS TIME.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD BE LOW THROUGHOUT THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 07/2100Z TO 08/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT UNSETTLED TO SLIGHTLY ACTIVE LEVELS, AT ALL LATITUDES, THIS PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE AT UNSETTLED TO SLIGHTLY ACTIVE LEVELS, AT ALL LATITUDES, THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 09 JUL-11 JUL

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 JUL 098

PREDICTED 09 JUL-11 JUL 098/098/099

90 DAY MEAN 08 JUL 118

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 JUL 012/012

ESTIMATED AFR/AP 08 JUL 011/015

PREDICTED AFR/AP 09 JUL-11 JUL 008/015-010/010-005/010

SOLTERWARN

BT