

HFLUS3 BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 164

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 12 JUN 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 11/2100 TO 12/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW THIS PERIOD. EVENTS HAVE BEEN LIMITED TO MINOR RADIO BURSTS, A B LEVEL X-RAY FLARE AND TWO OPTICAL SUBFLARES. REGIONS 4511 (S07E45) AND 4509 (S11E09) ARE THE LARGEST SPOT GROUPS ON THE DISK, EACH HAS A C TYPE SPOT CLASSIFICATION. THE REMAINDER OF THE DISK IS STABLE AND UNIMPRESSIVE. NO REGIONS WERE NUMBERED THIS PERIOD.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD BE VERY LOW TO LOW THROUGHOUT THE FORECAST PERIOD. THE RETURN OF OLD REGION 4492 (CARRINGTON 357), ON THE 13TH OF JUNE, MIGHT RAISE EVENT PROBABILITIES.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 11/2100Z TO 12/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED, AT ALL LATITUDES, THIS PERIOD.

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

III. EVENT PROBABILITIES 13 JUN-15 JUN

CLASS M 01/10/15.

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 JUN 090

PREDICTED 13 JUN-15 JUN 092/096/098

90 DAY MEAN 12 JUN 125

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 11 JUN 012/014

ESTIMATED AFR/AP 12 JUN 008/010

PREDICTED AFR/AP 13 JUN-15 JUN 015/015-011/015-015/020

SOLTERWARN

BT

Very low
unsettled

Sol quiet