

HFUS3 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 154

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 02 JUN 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100 TO 02/2100Z: SOLAR ACTIVITY HAS REMAINED LOW. THE LARGEST EVENT WAS A C4/SF AT 2303Z FROM REGION 4500 (S12W18). SLOW DECAY AND MAGNETIC SIMPLIFICATION CONTINUES IN REGION 4500. REGION 4508 (N07E78) IS THE RETURN OF OLD AR4481. ONLY MINOR SURGING HAS BEEN REPORTED. OTHER DISK REGIONS ARE SIMPLE IN STRUCTURE AND STABLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 03 JUN-05 JUN

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 JUN 108

PREDICTED 03 JUN-05 JUN 109/110/113

90 DAY MEAN 02 JUN 126

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 01 JUN 007/010

ESTIMATED AFR/AP 02 JUN 010/010

PREDICTED AFR/AP 03 JUN-05 JUN 008/010-008/010-012/010

SOLTERWARN

BT

SIDC
SNR1 May 75.1