

HFUS3 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 153

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 02 JUN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100 TO 02/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. THE DISK REMAINS SPOTLESS. ACTIVITY TODAY IS EXHIBITED BY ACTIVE PROMINENCES ON THE NE AND SE LIMB. TWO DISAPPEARING FILAMENTS WERE OBSERVED TODAY, ONE AT N19E30 AND ANOTHER AT S19W36. NO NEW REGIONS WERE NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGHOUT THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY QUIET TO UNSETTLED THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE UNSETTLED TO ACTIVE THROUGHOUT THE FORECAST PERIOD. THE 5TH OF JUNE IS EXPECTED TO HAVE INCREASED ACTIVITY BASED ON THE DISAPPEARING FILAMENTS FROM 31 MAY.

III. EVENT PROBABILITIES 03 JUN-05 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 JUN 070

PREDICTED 03 JUN-05 JUN 071/072/074

90 DAY MEAN 02 JUN 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 01 JUN 016/026

ESTIMATED AFR/AP 02 JUN 008/010

PREDICTED AFR/AP 03 JUN-05 JUN 008/015-008/015-014/020

SOLTERWARN

BT