

HFUS3 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 183

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 01 JUL 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 30/2100 TO 01/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. LITTLE OR NO CHANGE HAS BEEN NOTED IN THE VISIBLE REGIONS . REGION 4525 (N13E39) IS NOW A D TYPE GROUP BUT HAS DECLINED RATHER THAN GROWN IN SPOT AREA AND NUMBER. BOTH REGIONS 4521 (S12W45) AND 4523 (N05E01) REMAIN SIMPLE H TYPE GROUPS. REGION 4527 (N05W21) WAS NUMBERED TODAY AND IS A SIMPLE B TYPE GROUP.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE AT A VERY LOW TO LOW LEVEL FOR THE NEXT 24 HOURS. NO REGIONS ARE DUE TO RETURN DURING THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 30/2100Z TO 01/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE WITH BRIEF PERIODS AT STORM LEVELS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY ACTIVE FOR THE NEXT 24 HOURS AND THEN DECLINE TO UNSETTLED CONDITIONS.

III. EVENT PROBABILITIES 02 JUL-04 JUL

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 JUL 098

PREDICTED 02 JUL-04 JUL 098/099/099

90 DAY MEAN 01 JUL 119

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 30 JUN 011/016

ESTIMATED AFR/AP 01 JUL 017/015

PREDICTED AFR/AP 02 JUL-04 JUL 015/020-012/015-012/015

SOLTERWARN

BT