

HFUS3 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 187

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 05 JUL 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 04/2100 TO 05/2100Z: SOLAR ACTIVITY WAS AT A LOW LEVEL DURING THE PAST 24 HOURS. THE VISIBLE REGIONS HAVE REMAINED FAIRLY STATIC SINCE YESTERDAY. THE TWO DOMINANT REGIONS, 4525 (N12W15) AND 4532 (S08E43), HAVE SHOWN A TENDENCY TOWARD DECLINING DURING THE PAST 24 HOURS. THE SOUTHERN MOST SPOT IN REGION 4532 WAS SEPARATED OUT AND NUMBERED REGION 4536 (S12E47).

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL FOR THE NEXT 24 HOURS. OLD REGION 4511 IS DUE BACK ON THE DISK ON 6 JULY BUT IS NOT EXPECTED TO AFFECT THE ACTIVITY LEVEL.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 04/2100Z TO 05/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO CONTINUE AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 06 JUL-08 JUL

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 JUL 104

PREDICTED 06 JUL-08 JUL 104/105/106

90 DAY MEAN 05 JUL 118

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 04 JUL 016/017

ESTIMATED AFR/AP 05 JUL 016/018

PREDICTED AFR/AP 06 JUL-08 JUL 010/015-010/015-015/015

SOLTERWARN

BT