

HFUS3 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 150

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 MAY 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100 TO 30/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4658(N04W50) HAS DECLINED TO AN AXX TYPE SPOT GROUP. AN ACTIVE PROMINENCE AT S13W90 WAS OBSERVED. NO SIGNIFICANT ACTIVITY WAS NOTED. NO REGIONS WERE NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE NEXT THREE DAYS. NO REGION ON THE DISK IS EXPECTED TO PRODUCE ANY SIGNIFICANT ACTIVITY. NO REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO SLIGHTLY ACTIVE FOR THE FIRST 24 HOURS. UNSETTLED CONDITIONS ARE EXPECTED FOR THE SUBSEQUENT 24 HOURS. A RETURN TO UNSETTLED TO SLIGHTLY ACTIVE CONDITIONS ARE EXPECTED FOR THE LAST 24 HOURS OF THE PERIOD.

III. EVENT PROBABILITIES 31 MAY-02 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 MAY 070

PREDICTED 31 MAY-02 JUN 069/069/070

90 DAY MEAN 30 MAY 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 MAY 005/008

ESTIMATED AFR/AP 30 MAY 006/008

PREDICTED AFR/AP 31 MAY-02 JUN 010/015-008/010-010/015

SOLTERWARN

BT