

HFUS3 BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 154

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 03 JUN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100 TO 03/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. TWO NEW REGIONS WERE NUMBERED TODAY, REGION 4659 (S04E65) AND REGION 4660 (S14E76). BOTH OF THESE REGIONS ARE CURRENTLY ALPHA-TYPE SPOT GROUPS. A SUB-FAINT FLARE OCCURRED IN REGION 4660 AT 1642Z.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z: 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 FOR THE NEXT THREE DAYS. ACTIVITY EXPECTED ON THE 5TH AND 6TH OF JUNE IS BASED ON THE POSSIBILITY OF ENHANCEMENT DUE TO THE DISAPPEARING FILAMENTS OF 01 JUN.

III. EVENT PROBABILITIES 04 JUN-06 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 JUN 073

PREDICTED 04 JUN-06 JUN 075/077/078

90 DAY MEAN 03 JUN 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 02 JUN 008/010

ESTIMATED AFR/AP 03 JUN 008/015

PREDICTED AFR/AP 04 JUN-06 JUN 008/015-014/020-016/025

SOLTERWARN

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