

HFUS3 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 164

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 13 JUN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 12/2100 TO 13/2100Z: SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL THE PAST 24 HOURS. THE MOST SIGNIFICANT EVENTS OF AN OTHERWISE QUIET DAY HAVE BEEN A SUBFAINT FLARE IN REGION 4665 (S10W62) AT 1959Z, AND THE DISAPPEARANCE OF A SMALL FILAMENT LOCATED NEAR S05W52. THE FIVE SPOTTED REGIONS CURRENTLY ON THE DISK HAVE BEEN PREDOMINANTLY STABLE. NO NEW REGION WAS ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE VERY LOW. EXPECT AT MOST AN OCCASIONAL C-CLASS SUBFLARE AS THE VISIBLE DISK REMAINS UNIMPRESSIVE.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 12/2100Z TO 13/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET TO SLIGHTLY UNSETLED LEVELS SO FAR TODAY.

IIB. GEOPHYSICAL ACTIVITY FORECAST: QUIET CONDITIONS SHOULD PREVAIL THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 14 JUN-16 JUN

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 JUN 086

PREDICTED 14 JUN-16 JUN 085/084/083

90 DAY MEAN 13 JUN 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 12 JUN 010/015

ESTIMATED AFR/AP 13 JUN 005/010

PREDICTED AFR/AP 14 JUN-16 JUN 005/015-005/010-005/015

SOLTERWARN

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