

HFUS3 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 165

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 14 JUN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 13/2100 TO 14/2100Z: REGION 4663 (S01W34) PRODUCED BOTH OF THE OBSERVED SUBFLARES IN THE PAST 24 HOURS AS SOLAR ACTIVITY CONTINUES VERY LOW. THE FIRST FLARE WAS A O+/B2 AT 0548Z, AND THE SECOND A O+/B1 AT 1725Z. THE REGION HAS BEEN MOSTLY STABLE IN ALL PARAMETERS. REGIONS 4660 (S08W66), 4664 (S01W17), AND 4665 (S10W77) HAVE ALL DECAYED TO SPOTLESS AREAS OF H-ALPHA PLAGE. REGION 4662 (S14W66) HAS BEEN QUIET AS IT ALSO DECLINES.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE AT VERY LOW LEVELS THE NEXT 72 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 13/2100Z TO 14/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET LEVELS THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: QUIET CONDITIONS ARE EXPECTED THROUGH JUNE 17.

III. EVENT PROBABILITIES 15 JUN-17 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 JUN 083

PREDICTED 15 JUN-17 JUN 082/080/079

90 DAY MEAN 14 JUN 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 13 JUN 006/009

ESTIMATED AFR/AP 14 JUN 005/010

PREDICTED AFR/AP 15 JUN-17 JUN 005/015-005/015-005/015

SOLTERWARN

BT