

HFUS3 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 265

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 22 SEP 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100 TO 22/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. BOTH RAMEY AND HOLLOMAN HAVE REPORTED THE DISAPPEARANCE OF A 17 DEGREE LONG FILAMENT PREVIOUSLY CENTERED NEAR THE EQUATOR AT E48. THE DISK IS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL REMAIN VERY LOW THROUGHOUT THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 21/2100Z TO 22/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: A SIMILAR LEVEL OF ACTIVITY IS EXPECTED THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 23 SEP-25 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 SEP 069

PREDICTED 23 SEP-25 SEP 069/069/069

90 DAY MEAN 22 SEP 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 21 SEP 018/031

ESTIMATED AFR/AP 22 SEP 013/017

PREDICTED AFR/AP 23 SEP-25 SEP 015/020-015/020-015/020

SOLTERWARN

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