

HFUS3 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 228

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 16 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 15/2100 TO 16/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. NO SIGNIFICANT ACTIVITY HAS OCCURRED DURING THE PAST 24 HOURS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 15/2100Z TO 16/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED AT ALL LATITUDES DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN UNSETTLED AT MIDDLE LATITUDES AND BECOME ACTIVE AT HIGH LATITUDES ON THE 17TH AND 18TH. THE FIELD SHOULD THEN BE GENERALLY UNSETTLED TO ACTIVE ON THE 19TH.

NOTE: DATES IN PART V. OF YESTERDAYS CORRECTED SDF WERE IN ERROR (THEY WERE SET AHEAD BY ONE DAY).

III. EVENT PROBABILITIES 17 AUG-19 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 AUG 067

PREDICTED 17 AUG-19 AUG 067/067/067

90 DAY MEAN 16 AUG 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 15 AUG 016/019

ESTIMATED AFR/AP 16 AUG 010/015

PREDICTED AFR/AP 17 AUG-19 AUG 012/025-013/025-015/015

SOLTERWARN

BT