

HFUS 1 BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 229

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 17 AUG 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. CLASS C1 FLARES HAVE OCCURED IN REGIONS 1254 (S18E44), 1251 (N44W00) AND UN-NUMBERED FLAGE/FILAMENT REGION AT S22 E40. ALL THE CURRENT DISK REGIONS ARE COMPARABLY STABLE AND SIMPLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. THE CURRENT REGIONS ARE NOT LIKELY TO DEVELOP FURTHER AND X-RAY IMAGES INDICATE THERE ARE NO SIGNIFICANT ACTIVE REGIONS COMING OVER EAST LIMB.

II. THE GEOMAGNETIC FIELD HS BEEN INTERMITTENTLY QUIET TO UNSETTLED AND IS EXPECTED TO REMAIN QUIET TO UNSETTLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 18 - 20 AUG

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 AUG 118

PREDICTED 18 - 20 AUG 116/113/111

90-DAY MEAN 17 AUG 135

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 AUG 03

ESTIMATED AFR/AP 17 AUG 05/10

PREDICTED AFR/AP 18 - 20 AUG 07/10 - 07/10 - 07/10

SOLTERWARN

BT