

HFUS 1 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 182

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 01 JULY 1978

IA. SOLAR ACTIVITY HAS BEEN MODERATE. REGION 1170 (N18W87) HAD AN M2/SN FLARE AT 1340Z. REGION 1176 (N24W53) HAS GROWN AND IS NOW AN E-TYPE SPOT GROUP WITH 29 SPOTS. IT HAD A C4/SN FLARE AT 0305Z AND A C6/VN FLARE AT 1413Z. REGION 1186 (N19E55) HAD SEVERAL SUBFLARES. NEW REGION 1187 (S19E45) IS A C-TYPE SPOT GROUP. NEW REGION 1188 (~~N15E14~~) IS AN A-TYPE SPOT GROUP. THE REST OF THE DISK/LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD BE LOW TO MODERATE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS. CONDITIONS SHOULD BE UNSETLED TO SLIGHTLY ACTIVE FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 02 JULY - 04 JULY

CLASS M 75/70/40

CLASS X 15/10/05

PROTON 20/20/10

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 JULY 138

PREDICTED 02-04 JULY 132/127/124

90-DAY MEAN 01 JULY 148

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 JUNE 27

ESTIMATED AFR/AP 01 JULY 06/09

PREDICTED AFR/AP 02-04 JULY 13/20 - 15/20 - 10/10

SOLTERWARN

BT