

HFUS3 BOU 052200 COR

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 218

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

::::::: CORRECTED COPY :::::::

ISSUED 2200Z 05 AUG 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 04/2100 TO 05/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS WITH ONLY SMALL B CLASS EVENTS BEING OBSERVED. REGION 4552 (S16W09) HAS EXHIBITED DECAY DURING THE PAST 12 HOURS AND HAS NOT BEEN REPORTED BY ANY SITE DURING THE LAST 4 HOURS. REGION 4554 (N08E49) HAS PRODUCED ALL OF THE OBSERVED FLARES THIS PERIOD. NO NEW REGIONS OBSERVED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE VERY LOW DURING THIS FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 04/2100Z TO 05/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO SLIGHTLY ACTIVE DURING THE FIRST TWO DAYS OF THE FORECAST. THE LAST DAY IS EXPECTED TO BE ACTIVE WITH SHORT PERIODS AT MINOR STORM DUE TO A RECURRENT CORNAL HOLE.

III. EVENT PROBABILITIES 06 AUG-08 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 AUG 083

PREDICTED 06 AUG-08 AUG 085/084/084

90 DAY MEAN 05 AUG 103

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 04 AUG 015/020

ESTIMATED AFR/AP 05 AUG 012/020

PREDICTED AFR/AP 06 AUG-08 AUG 012/035-012/020-020/025

SOLTERWARN

BT