

HFUS 3 BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 067

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 07 MAR 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/2100 TO 07/2100Z: SOLAR ACTIVITY HAS BEEN LOW THIS PERIOD. FLARE ACTIVITY HAS BEEN LIMITED TO MINOR OPTICAL AND X-RAY FLARES, THE LARGEST BEING A B.7/SN EVENT (SOURCE REGION UNKNOWN) WHICH OCCURRED AT 0151UT. SEVERAL TYPE III AND V RADIO SWEEPS ALSO OCCURRED THIS PERIOD. REGIONS 4429 (S15E29), 4430 (S10E07) AND 4431 (S09E21) HAVE REMAINED STABLE. ONE NEW REGION WAS NUMBERED THIS PERIOD, 4432 (S13W10), A C TYPE SPOT GROUP. THE REST OF THE DISK WAS QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD REMAIN LOW THROUGHOUT THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 06/2100Z TO 07/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT ACTIVE TO STORM LEVELS THROUGHOUT THE PERIOD. THIS ACTIVITY IS PROBABLY THE RESULT OF THE IMPACT OF CORONAL STREAMS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE UNSETTLED AT MIDLATITUDES AND ACTIVE AT HIGH LATITUDES THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 MAR-10 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 MAR 107

PREDICTED 08 MAR-10 MAR 105/103/105

90 DAY MEAN 07 MAR 119

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 06 MAR 024/031

ESTIMATED AFR/AP 07 MAR 028/040

PREDICTED AFR/AP 08 MAR-10 MAR 010/020-012/015-010/015

SOLTERWARN

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