

HFUS3 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 196

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 15 JUL 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100 TO 15/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. THE PASSAGE OF 4676 OVER THE WEST LIMB EARLIER TODAY LEFT THE DISK SPOTLESS FOR MOST OF THE DAY. HOWEVER, AT FORECAST TIME, A SMALL SPOT IS ROTATING OVER THE EAST LIMB NEAR S12. THIS NEW AREA COULD QUITE POSSIBLY BE THE SOURCE OF A LOW LEVEL, LONG LIVED XRAY ENHANCEMENT THAT IS CURRENTLY IN PROGRESS. THE REST OF THE DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 16 JUL-18 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JUL 071

PREDICTED 16 JUL-18 JUL 068/066/066

90 DAY MEAN 15 JUL 080

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 14 JUL 015/030

ESTIMATED AFR/AP 15 JUL 010/015

PREDICTED AFR/AP 16 JUL-18 JUL 010/015-010/015-015/020

SOLTERWARN

BT