

HFUS3 BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 232

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 20 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 19/2100
TO 20/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4690 (S18W59)
CONTINUED AS A BXO WITH REVERSED POLARITY BUT PRODUCED NO
SIGNIFICANT ACTIVITY. A 12 DEGREE LONG NORTH-SOUTH FILAMENT HAD
DISAPPEARED YESTERDAY FROM N16E66 BY 19/2304Z. IT WAS NOT
REPORTED UNTIL AFTER YESTERDAY'S SUMMARY WAS TRANSMITTED.
ANOTHER SIX DEGREE LONG FILAMENT DISAPPEARED FROM S24W48 BY
20/1340Z. NO NEW REGION WAS ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 19/2100Z TO 20/2100Z:
THE GEOMAGNETIC FIELD WAS ACTIVE TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 21 AUG-23 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 AUG 069

PREDICTED 21 AUG-23 AUG 070/071/072

90 DAY MEAN 20 AUG 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 19 AUG 016/021

ESTIMATED AFR/AP 20 AUG 012/019

PREDICTED AFR/AP 21 AUG-23 AUG 016/020-014/020-013/020

SOLTERWARN

BT