

HFUS3 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 273

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 30 SEP 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100 TO 30/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4695 (S14W04) EXHIBITED REVERSED MAGNETIC POLARITY IN ITS BXO SPOT GROUP BEFORE LOSING ITS SPOTS EARLY IN THE PERIOD. NO NEW REGIONS WERE NUMBERED TODAY. THE REST OF THE DISK AND LIMBS WERE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT 72 HOURS. NO SIGNIFICANT REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT 24 HOURS AND UNSETTLED TO ACTIVE FOR THE SUBSEQUENT 48 HOURS. ACTIVITY IS EXPECTED FROM THE EFFECTS OF DISAPPEARING FILAMENTS OF 28-29 SEPTEMBER.

III. EVENT PROBABILITIES 01 OCT-03 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 SEP 068

PREDICTED 01 OCT-03 OCT 069/069/070

90 DAY MEAN 30 SEP 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 SEP 004/008

ESTIMATED AFR/AP 30 SEP 007/009

PREDICTED AFR/AP 01 OCT-03 OCT 005/010-010/020-012/020

SOLTERWARN

BT