

HFUS3 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 149

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 29 MAY 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100  
TO 29/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24  
HOURS. REGION 4656(N07W97) HAS QUIETLY DEPARTED THE WEST LIMB.  
REGION 4658(N04W39) WAS NUMBERED TODAY AS A BXO TYPE SPOT GROUP  
WITH A BETA MAGNETIC CLASSIFICATION. AN ACTIVE PROMINENCE WAS  
OBSERVED NEAR S12W90. A SERIES OF FILAMENTS PARTIALLY  
DISAPPEARED OVERNIGHT NEAR N12E59, N34W24, AND S40W53. NO  
SIGNIFICANT ACTIVITY OCCURRED DURING THE PERIOD.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE  
VERY LOW FOR THE NEXT THREE DAYS. NO REGIONS ON THE DISK ARE  
EXPECTED TO PRODUCE ANY SIGNIFICANT ACTIVITY. NO REGIONS ARE  
DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED FOR THE PAST  
24 HOURS.

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

III. EVENT PROBABILITIES 30 MAY-01 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 MAY 071

PREDICTED 30 MAY-01 JUN 071/071/071

90 DAY MEAN 29 MAY 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 MAY 006/008

ESTIMATED AFR/AP 29 MAY 007/008

PREDICTED AFR/AP 30 MAY-01 JUN 010/010-010/015-008/010

SOLTERWARN

BT