

HFUS 3 BOU 282200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 149

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 28 MAY 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100 TO 28/2100Z: SOLAR ACTIVITY WAS LOW. TWO NEW REGIONS WERE ASSIGNED: 4503 (S09E08) WAS A BETA-TYPE; 4504 (N23E54) WAS AN ALPHA-TYPE.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z: GEOMAGNETIC ACTIVITY WAS UNSETTLED TO ACTIVE. ONLY THULE REPORTED STORM LEVELS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE ACTIVE THE FIRST AND SECOND DAYS (29-30 MAY). THIS IS FORECAST DUE TO THE DISAPPEARING FILAMENT EVENT ON 26 MAY. THE LEVELS IS EXPECTED TO DECREASE TO UNSETTLED-TO-ACTIVE LEVELS ON THE THIRD DAY (31 MAY).

III. EVENT PROBABILITIES 29 MAY-31 MAY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 MAY 119

PREDICTED 29 MAY-31 MAY 115/102/099

90 DAY MEAN 28 MAY 127

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 MAY 007/014

ESTIMATED AFR/AP 28 MAY 009/015

PREDICTED AFR/AP 29 MAY-31 MAY 020/025-020/025-014/015

SOLTERWARN

BT

+57  
0740Z