

HFUS3 BOU 292200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 181  
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 29 JUN 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100 TO 29/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ONLY ONE FLARE, A SF IN REGION 4525 (N13E65), HAS BEEN REPORTED AND THE FEW X-RAY BURSTS THAT HAVE OCCURRED HAVE BEEN BELOW THE CLASS C THRESHOLD. MORE SUNSPOTS ARE NOW VISIBLE IN REGION 4525, PROBABLY DUE TO ROTATION. REGION 4520 (S15W80) REMAINS QUIET AS IT BEGINS WEST LIMB TRANSIT. REGION 4526 (N04W73) IS EMERGING RAPIDLY TODAY.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY AT ACTIVE LEVELS THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 30 JUN-02 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 JUN 097

PREDICTED 30 JUN-02 JUL 096/093/092

90 DAY MEAN 29 JUN 120

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 JUN 020/030

ESTIMATED AFR/AP 29 JUN 011/015

PREDICTED AFR/AP 30 JUN-02 JUL 015/020-015/025-015/025

SOLTERWARN

BT