

HFUS3 BOU 262200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 146

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 26 MAY 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100
TO 26/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE
PAST 24 HOURS. NO FLARES OR XRAY BURSTS HAVE BEEN OBSERVED AND
THE TWO VISIBLE REGIONS CONTINUE TO DECLINE. THE LIMBS ARE ALSO
QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
REMAIN AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z:
THE GEOMAGNETIC FIELD WAS QUIET TO UNSETLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD
SHOULD BE AT UNSETLED TO ACTIVE LEVELS THROUGHOUT THE PERIOD.
THE DISAPPEARANCE OF FILAMENT SEGMENTS DURING THE PAST TWO
DAYS COULD BRING STRONGLY ACTIVE CONDITIONS ON THE THIRD DAY.

III. EVENT PROBABILITIES 27 MAY-29 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 MAY 074

PREDICTED 27 MAY-29 MAY 074/075/076

90 DAY MEAN 26 MAY 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 MAY 011/011

ESTIMATED AFR/AP 26 MAY 010/016

PREDICTED AFR/AP 27 MAY-29 MAY 012/015-012/015-015/025

SOLTERWARN

BT