

HFUS3 BQU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 170

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 19 JUN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100
TO 19/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE
PAST 24 HOURS. A SMALL SPOT HAS REDEVELOPED IN THE PLAGE OF
4667 (N12W49) AND IS THE ONLY SPOTTED REGION ON THE VISIBLE
DISK. THE LIMBS ARE QUIET ALSO.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 18/2100Z TO 19/2100Z:
THE GEOMAGNETIC FIELD WAS QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE UNSETTLED TO SLIGHTLY ACTIVE FOR THE NEXT TWO
DAYS AND THEN DECLINE TO GENERALLY UNSETTLED. FILAMENT
DISRUPTIONS ARE THOUGHT TO BE THE CATALYST FOR THE EXPECTED
ACTIVE CONDITIONS.

III. EVENT PROBABILITIES 20 JUN-22 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 JUN 070

PREDICTED 20 JUN-22 JUN 069/069/069

90 DAY MEAN 19 JUN 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 18 JUN 006/009

ESTIMATED AFR/AP 19 JUN 006/008

PREDICTED AFR/AP 20 JUN-22 JUN 008/015-005/015-005/010

SOLTERWARN

BT