

HFXUS3 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 319

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 15 NOV 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100 TO 15/2100Z: SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL.

REGION 4703 (S08E27) HAS GROWN SIGNIFICANTLY OVER THE PAST 24 HOURS AND IS NOW A D-TYPE SPOT GROUP. REGION 4703 REMAINS MAGNETICALLY SIMPLE. REGIONS 4701 (S09W12) AND 4702 (N03E32) ARE SMALL AND QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL. CONTINUED DEVELOPMENT IN REGION 4703 COULD RESULT IN ENERGETIC ACTIVITY IN THE NEXT FEW DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED TO ACTIVE.

A SHORT PERIOD OF MINOR STORM CONDITIONS EXISTED DURING THE MIDDLE OF THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE EARLY IN THE PERIOD. ACTIVE CONDITIONS ARE EXPECTED ON 19 NOV.

III. EVENT PROBABILITIES 16 NOV-18 NOV

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 NOV 086

PREDICTED 16 NOV-18 NOV 088/090/092

90 DAY MEAN 15 NOV 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 14 NOV 014/017

ESTIMATED AFR/AP 15 NOV 012/015

PREDICTED AFR/AP 16 NOV-18 NOV 010/015-010/015-015/020

SOLTERWARN

BT

HXUS BOU 152200

PREDM 00516 00517 00518

PREDX 00116 00117 00118

PREDP 00116 00117 00118

PCAF 00116

TENCM 08816 09017 09218

AFRED 01016 01017 01518

AFAPF 01516 01517 02018

BT