

HFLS3 BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 307

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 03 NOV 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100 TO 03/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE DISK WAS SPOTLESS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z: THE GEOMAGNETIC FIELD WAS AT ACTIVE TO MINOR STORM LEVELS. A MINOR STORM (GRADUAL STORM COMMENCEMENT AT 2/1330Z) CONTINUED IN PROGRESS WITH OCCASIONAL MAJOR STORM PERIODS. THIS DISTURBANCE WAS COINCIDENT WITH A RECURRENT CORONAL HOLE PATTERN BUT NO DATA SUPPORTS ITS EXISTENCE THIS ROTATION.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT MINOR STORM TO ACTIVE LEVELS THE FIRST DAY (4 NOV). A RECOVERY TO GENERALLY ACTIVE TO UNSETTLED CONDITIONS IS EXPECTED ON THE SECOND AND THIRD DAYS (5-6 NOV).

III. EVENT PROBABILITIES 04 NOV-06 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 NOV 069

PREDICTED 04 NOV-06 NOV 070/070/070

90 DAY MEAN 03 NOV 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 02 NOV 028/029

ESTIMATED AFR/AP 03 NOV 024/035

PREDICTED AFR/AP 04 NOV-06 NOV 015/015-008/015-008/015

SOLTERWARN

BT

HXLS BOU 032200

PREDM 00104 00105 00106

PREDX 00104 00105 00106

PREDP 00104 00105 00106

PCAF 00104

TENCM 07004 07005 07006

AFRED 01504 00805 00806

AFAPF 01504 01505 01506

BT