

HFUS3 BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 308

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 03 NOV 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100 TO 03/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4590 (S09W55) HAS REDEVELOPED A SMALL SPOT GROUP AND MANAGED TO PRODUCE A SMALL FLARE AT 03/1739UT. A FLURRY OF RADIO BURSTS AT BOTH FIXED AND SWEEP FREQUENCIES HAS DRAWN ATTENTION TO THE EAST LIMB BUT NOTHING HAS MATERIALIZED AS YET.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE WITH BRIEF MINOR STORM CONDITIONS DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO CONTINUE AT UNSETTLED TO ACTIVE LEVELS WITH BRIEF MINOR STORM CONDITIONS. THIS ACTIVITY IS BELIEVED TO BE CORONAL HOLE RELATED.

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 073

PREDICTED 04 NOV-06 NOV 074/074/075

90 DAY MEAN 03 NOV 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 02 NOV 009/014

ESTIMATED AFR/AP 03 NOV 017/019

PREDICTED AFR/AP 04 NOV-06 NOV 025/030-025/025-025/025

SOLTERWARN

BT