

EN SERVICES CENTE , BOULDER, COLORADO

SDF NUMBER 261

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 SEP 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100Z TO 18/2100Z: SOLAR ACTIVITY CONTINUED LOW DURING THIS PERIOD. ONE NEW REGION WAS NUMBERED TODAY 4320 (S06W52) A SIMPLE "B" TYPE. ALL OTHER REGIONS ARE REPORTED TO BE STABLE OR SLIGHTLY DECAYED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW DURING THIS FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z: THE GEOMAGNETIC FIELD WAS AT UNSETTLED TO SLIGHTLY ACTIVE LEVELS THIS PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE DURING THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 19 SEP-21 SEP

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 SEP 102

PREDICTED 19 SEP-21 SEP 104/103/102

90 DAY MEAN 18 SEP 123

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 SEP 018/030

ESTIMATED AFR/AP 18 SEP 010/020

PREDICTED AFR/AP 19 SEP-21 SEP 014/020-020/020-020/020

SOLTERWARN

BT