

HFUS3 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 269

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 SEP 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100 TO 26/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL. A FILAMENT DISRUPTION (S28E16) AT OR ABOUT 261153UT IS THE ONLY ACTIVITY NOTED. THE DISK IS STILL SPOTLESS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z: THE GEOMAGNETIC FIELD WAS AT UNSETTLED TO ACTIVE LEVELS WITH BRIEF MINOR STORM CONDITIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT ACTIVE LEVELS DURING THE NEXT 24 HOURS WITH BRIEF NIGHTTIME STORM CONDITIONS. A FILAMENT DISAPPEARANCE ON 22 SEPT IS EXPECTED TO IMPACT THE FIELD WITHIN THE NEXT 12 HOURS. THE LAST TWO DAYS OF THIS PERIOD ARE EXPECTED TO BE AT UNSETTLED TO SLIGHTLY ACTIVE LEVELS.

III. EVENT PROBABILITIES 27 SEP-29 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 SEP 068

PREDICTED 27 SEP-29 SEP 068/069/069

90 DAY MEAN 26 SEP 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 SEP 018/022

ESTIMATED AFR/AP 26 SEP 018/020

PREDICTED AFR/AP 27 SEP-29 SEP 015/020-008/015-008/015

SOLTERWARN

BT