

HFUS3 BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 285

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 12 OCT 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 11/2100  
TO 12/2100Z: 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 11/2100Z TO 12/2100Z:  
THE GEOMAGNETIC FIELD WAS ACTIVE TO UNSETTLED. MINOR STORM  
CONDITIONS OCCURRED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE AT ACTIVE TO ISOLATED MINOR STORM LEVELS THE  
FIRST DAY (13 OCT). THIS IS BASED ON A WEAK CORONAL HOLE  
EXTENSION FROM THE NORTH POLAR CROWN. THE SECOND AND THIRD DAYS  
(14-15 OCT) ARE EXPECTED TO BE ACTIVE, WITH THE POSSIBILITY OF  
THE FIVE DEGREE DISAPPEARING FILAMENT OF 10 OCT ENHANCING THE  
THIRD DAY WITH BRIEF MINOR STORM CONDITIONS.

III. EVENT PROBABILITIES 13 OCT-15 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 OCT 067

PREDICTED 13 OCT-15 OCT 067/067/068

90 DAY MEAN 12 OCT 071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 11 OCT 017/021

ESTIMATED AFR/AP 12 OCT 012/015

PREDICTED AFR/AP 13 OCT-15 OCT 017/020-015/020-019/025

SOLTERWARN

BT