

HFUS 1 BQU 061300  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 157A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 1200UT 06 JUNE 1981

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
05/1200UT TO 06/1200UT:

SOLAR ACTIVITY HAS BEEN AT LOW LEVELS, DESPITE AN INCREASE IN  
THE NUMBER OF SUNSPOT REGIONS TO ELEVEN. BACKGROUND XRAY FLUXES  
HAVE REMAINED BELOW THE C1 LEVEL, AND SUBFLARES HAVE BEEN FEW  
AND FAR BETWEEN.

IB. SOLAR ACTIVITY FORECAST:

SOLAR ACTIVITY IS EXPECTED TO BE AT LOW LEVELS. THE INCREASE  
IN SUNSPOT GROUPS MAY SIGNAL AN INCREASE IN ACTIVITY, BUT  
MAJOR FLARE ACTIVITY IS NOT LIKELY FOR ANOTHER 2 OR 3 DAYS.

II. GEOPHYSICAL SUMMARY AND FORECAST:

THE MAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED. THE EX-  
PECTED RECURRENCE OF ACTIVE CONDITIONS MAY HAVE BEGUN AT ABOUT  
06/1000 UT. IT IS EXPECTED TO BE ACTIVE FOR ABOUT 24 HOURS BEFORE  
CALMING DOWN TO UNSETTLED LEVELS.

III. EVENT PROBABILITIES: 07-09 JUNE

CLASS M 10/15/15

CLASS X 01/01/01

PROTON 01/10/01

PCAF GREEN

IV. OTTAWA 10.7 FLUX

OBSERVED 05 JUNE 132

ESTIMATED 06 JUNE 136

PREDICTED 07-09 JUNE 139/142/145

90 DAY MEAN 05 JUNE 202

V. GEOMAGNETIC A INDICES

OBSERVED AFR 04 JUNE 07 AP 05 JUNE 07

ESTIMATED AFR 05 JUNE 05 AFR/AP 06 JUNE 12/10

PREDICTED AFR/AP 07-09 JUNE 12/12 10/10 12/12

SOLTERWARN

BT

HFUS 3 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLO  
SDF NUMBER 157B

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200UT 06 JUNE 1981

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
06/1200UT TO 06/2200UT:

SOLAR ACTIVITY REMAINS VERY LOW WITH ALL DISK REGIONS SIMPLE IN  
THEIR STRUCTURE. AN ACTIVE FILAMENT NEAR NOSE 15 MAY PRODUCE A  
HYDER FLARE.

IB. SOLAR ACTIVITY FORECAST:

SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. GEOPHYSICAL SUMMARY AND FORECAST:

THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. THE FIELD  
IS EXPECTED TO BE GENERALLY UNSETTLED THROUGH THE NEXT THREE DAYS

III. EVENT PROBABILITIES: 07 - 08 JUN

CLASS M 10/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 FLUX

OBSERVED 06 JUNE 137

PREDICTED 07 - 09 JUNE 139/142/145

90 DAY MEAN 06 JUNE 201

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 05 JUNE 06/07

ESTIMATED AFR/AP 06 JUNE 12/10

PREDICTED AFR/AP 07 - 09 JUNE 12/12 10/10 12/12

SOLTERWARN

BT