

HFUS 1 BOU 041300  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 155A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1200UT 04 JUNE 1981

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
03/1200UT TO 04/1200UT:

SOLAR ACTIVITY HAS CONTINUED AT VERY LOW LEVELS. THE GOES  
XRAY FLUX HAS REMAINED BELOW THE C1 LEVEL ABOUT 95 PERCENT  
OF THE TIME. SUBFLARES WERE OBSERVED IN REGION 3145 (S07E52)  
AT 0727 UT AND REGION 3134 (N14W40) AT 0854UT. NO LIMB ACTIVITY  
HAS BEEN REPORTED.

IB. SOLAR ACTIVITY FORECAST:

SOLAR ACTIVITY IS EXPECTED TO BE LOW. NO REGION ON THE DISK IS  
CAPABLE OF A MAJOR FLARE.

II. GEOPHYSICAL SUMMARY AND FORECAST:

THE GEOMAGNETIC FIELD HAS BEEN MOSTLY UNSETTLED. IT IS EXPECTED  
TO BE ACTIVE OVER THE NEXT 3 DAYS, BASED ON 27 DAY RECURRENCE.

III. EVENT PROBABILITIES: 05-07 JUNE

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/10

PCAF GREEN

IV. OTTAWA 10.7 FLUX

OBSERVED 03 JUNE 131

ESTIMATED 04 JUNE 126

PREDICTED 05-07 JUNE 129/133/137

90 DAY MEAN 03 JUNE 204

V. GEOMAGNETIC A INDICES

OBSERVED AFR 02 JUNE 08 AP 03 JUNE 17

ESTIMATED AFR 03 JUNE 11 AFR/AP 04 JUNE 10/12

PREDICTED AFR/AP 05-07 JUNE 15/20 20/25 15/20

SOLTERWARN

BT

HFHS 3 80U 042200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 155B

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200 UT 04 JUNE 1981

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 04/1200UT TO 04/2200UT: SOLAR ACTIVITY HAS BEEN VERY LOW. THE LARGEST EVENT WAS A LONG-LIVED C3/1F HYDR FLARE ASSOCIATED WITH THE EMERGENCE OF REGION 3148 (N24W18). THERE ARE SEVEN SPOTTED GROUPS, ALL SIMPLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED. IT IS EXPECTED TO BE ACTIVE OVER THE NEXT THREE DAYS, BASED ON 27-DAY RECURRENCE.

III. EVENT PROBABILITIES 05 JUNE - 07 JUNE

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 JUNE 130

PREDICTED 05-07 JUNE 133/137/140

90-DAY MEAN 04 JUNE 203

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 JUNE 18/17

ESTIMATED AFR/AP 04 JUNE 07/12

PREDICTED AFR/AP 05-07 JUNE 15/20 - 20/25 - 15/20

SOLTERWARN

BT