

HFUS-1, BQU 051300

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 156A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 1200UT 05 JUNE 1981

I A. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
04/1200UT TO 05/1200UT:

SOLAR ACTIVITY WAS AT LOW LEVELS DURING THIS PERIOD. THE  
NUMBER OF SUNSPOT GROUPS ON THE DISK HAS INCREASED TO SEVEN,  
BUT EACH OF THESE REGIONS IS SIMPLE. SIX OF THESE REGIONS WERE  
OBSERVED TO PRODUCE A TOTAL OF EIGHT FLARES, THE LARGEST OF  
WHICH WAS A C3/1F AT 1926 UT FROM REGION 3148 (N24W25).

I B. SOLAR ACTIVITY FORECAST:

SOLAR ACTIVITY IS EXPECTED TO REMAIN AT LOW LEVELS.

II. GEOPHYSICAL SUMMARY AND FORECAST:

THE GEOMAGNETIC FIELD HAS BEEN QUIET. ACTIVE CONDITIONS ARE  
FORECAST TO BEGIN DURING THE NEXT 24 HOURS, WITH THE RECURRENCE  
OF ACTIVITY ACCOMPANYING PREVIOUS SOLAR ROTATIONS.

III. EVENT PROBABILITIES: 06-08 JUNE

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 FLUX

OBSERVED 04 JUNE 130

ESTIMATED 05 JUNE 133

PREDICTED 06-08 JUNE 136/139/142

90 DAY MEAN 04 JUNE 203

V. GEOMAGNETIC A INDICES

OBSERVED AFR 03 JUNE 18 AP 04 JUNE 07

ESTIMATED AFR 04 JUNE 07 AFR/AP 05 JUNE 11/11

PREDICTED AFR/AP 06-08 JUNE 20/25 15/20 10/15

SOLTERWARN

BT

WEUS 3 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDE NUMBER 156P

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200UT 05 JUNE 1981

I A. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
05/1200UT TO 05/2200UT:

SOLAR ACTIVITY HAS BEEN VERY LOW WITH THE FEW X-RAY ENHANCE-  
MENTS THAT HAVE OCCURRED REMAINING BELOW THE C1 LEVEL. ALL  
DISK REGIONS REMAIN SMALL AND SIMPLE IN STRUCTURE.

I B. SOLAR ACTIVITY FORECAST:

SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. GEOPHYSICAL SUMMARY AND FORECAST:

THE GEOMAGNETIC FIELD HAS BEEN QUIET. THE FIELD IS EXPECTED  
TO BE UNSETLED TO OCCASIONALLY ACTIVE THROUGH THE NEXT THREE  
DAYS.

III. EVENT PROBABILITIES: 06-08 JUNE

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

SCAF GREEN

IV. OTTAWA 10.7 FLUX

OBSERVED 05 JUN 132

PREDICTED 06-08 JUN 136/139/142

90 DAY MEAN 05 JUN 202

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 04 JUNE 07/07

ESTIMATED AFR/AP 05 JUNE 05/11

PREDICTED AFR/AP 06-08 JUNE 20/25 15/20 10/15

SOLTERWARN

PT