

HFUS 1, BOU 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

IA. 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).

IB. 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 RECURRENT 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

HFUS 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

IA. 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.

IB. 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 UNSETTLED 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

-CAF 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

BT