

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

I A. 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.

I B. SOLAR ACTIVITY FORECAST:

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

I I. GEOPHYSICAL SUMMARY AND FORECAST:

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

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 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

HFUUS 3 BOU 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
I.A. 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 HYDER FLARE ASSOCIATED WITH THE EMERGENCE
OF REGION 3148 (N24W18). THERE ARE SEVEN SPOTTED GROUPS, ALL
SIMPLE.
I.B. SOLAR ACTIVITY FORECAST : SOLAR ACTIVITY IS EXPECTED TO REMAIN
LOW.
II. GEOPHYSICAL SUMMARY AND FORECAST : THE GEOMAGNETIC FIELD HAS
BEEN QUIET TO SLIGHTLY UNSETLED. 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
50-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 RT