

HFUS 1 BOU 061300
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDE 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 UNSETLED. THE EXPECTED 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 UNSETLED 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 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

I.A. 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.

I.B. SOLAR ACTIVITY FORECAST:

SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

I.I. GEOPHYSICAL SUMMARY AND FORECAST:

THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE. THE FIELD
IS EXPECTED TO BE GENERALLY UNSETLED 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 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