

NFUS 1 BOU 210600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 172A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 21 JUNE 1974
IA. SOLAR ACTIVITY REMAINS VERY LOW. NO FLARES HAVE BEEN
REPORTED IN THE PAST EIGHT HOURS.
IB. SOLAR ACTIVITY WILL REMAIN VERY LOW. ISOLATED SMALL SUBFLARES
ARE EXPECTED FROM REGION 428 (S13W28).
II. UNSETTLED TO ACTIVE LEVELS PERSIST IN THE GEOMAGNETIC FIELD.
THIS SAME LEVEL OF ACTIVITY WILL CONTINUE THROUGH 23 JUNE.
III. EVENT PROBABILITIES NO CHANGE
IV. OTTAWA 10.7 CM FLUX NO CHANGE
V. GEOMAGNETIC A INDICES NO CHANGE
SOLTERWARN
SPAN
BT

KBOU

HFUS 1 BOU 211400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 172B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 21 JUNE 1974

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL AND NO SIGNIFICANT
CHANGES IN THE DISK FEATURES HAVE BEEN REPORTED.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE AND SHOULD
CONTINUE SO.

III. EVENT PROBABILITIES 21-23 JUNE

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 JUNE 81

PREDICTED 21-23 JUN 81/82/84

90-DAY MEAN 20 JUN 88

V. GEOMAGNETIC AK INDICES

OBSERVED FREDERICKSBURG 19 JUN 11

ESTIMATED AFR/AP 20 JUN 13/19

PREDICTED AFR/AP 21-23 JUN 15/17 - 12/13 - 12/13

SOLTERWARN

SPAN

BT

HFUS BOU 212200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 172
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 JUNE 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW ALTHOUGH REGION 428 (S12W38) HAS PRODUCED TWO ENERGETIC FLARES, THE LARGEST OF WHICH REACHED C-3 X-RAY LEVELS. THE FILAMENT IN REGION 428 HAS BEEN ACTIVE MOST OF THE DAY AND PARTIALLY DISAPPEARED DURING THE C-3 X-RAY FLARE. THE SPOTS ARE SLOWLY DECLINING IN AREA BUT LITTLE ELSE ABOUT THE REGION HAS CHANGED. A SMALL NEW "A" TYPE SPOT GROUP HAS DEVELOPED IN THE PLAGE AT N08E24 AND IS DESIGNATED NUMBER 429.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL DURING THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD EXPERIENCED A BRIEF PERIOD OF ACTIVE CONDITIONS EARLIER TODAY BUT FOR THE MOST PART HAS BEEN GENERALLY QUIET. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED IN NIGHTTIME SECTORS FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 22 - 24 JUNE

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 JUNE 079

PREDICTED 22 - 24 JUNE 079/078/078

90-DAY MEAN 21 JUNE 088

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 JUNE 17

ESTIMATED AFR/AP 21 JUNE 07/08

PREDICTED AFR/AP 22 - 24 JUNE 10/11 - 12/13 - 08/09

SOLTERWARN

SPAN

BT