

HFUS 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 UNSETTLED 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 AKINDICES
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