

NNNN
KBOU
HFUS 1 BOU 200600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 264A
JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 20 SEPTEMBER 1972
IA. NO SIGNIFICANT ACTIVITY
IB. NO CHANGE
II. NO CHANGE
III. EVENT PROBABILITIES NO CHANGE
IV. OTTAWA 10.7 CM FLUX NO CHANGE
V. GEOMAGNETIC A INDICES NO CHANGE
SOLTERWARN
BT

HFUS 1 BOU 201245

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 264B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 20 SEPT 1972

IA. SOLAR ACTIVITY REMAINS VERY LOW. ONLY ONE SUBFLARE HAS
BEEN NOTED DURING THE PAST 24 HOURS.

IB. WHILE FLARE ACTIVITY SHOULD REMAIN LOW, REGION 412(S15E35)
MAY BE CAPABLE OF PRODUCING A SMALL M CLASS X-RAY FLARE. ALSO,
IT APPEARS THAT A MODERATELY ACTIVE REGION IS FOLLOWING NEW
REGION 414 (S06E77) OVER THE EAST LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET FOR THE PAST 24
HOURS. THE FIELD MAY BECOME SLIGHTLY UNSETTLED ON 21 SEPT
WITH AN ANTICIPATED SECTOR BOUNDARY PASSAGE.

III. EVENT PROBABILITIES 20 SEPT - 22 SEPT

CLASS M 25/30/30

CLASS X 01/02/03

PROTON 01/01/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 SEPT 105

PREDICTED 20-22 SEPT 108/111/114

90-DAY MEAN 19 SEPT 121.9

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 SEPT 011

ESTIMATED 19 SEPT 005

PREDICTED 20-22 SEPT 006/012/008

SOLTERWARN

BT

NNNN

KBOU

HFUS BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 264C

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 20 SEP 1972

IA. FLARE ACTIVITY REMAINS VERY LOW. THE 414/416 COMPLEX,
RESPONSIBLE FOR THE SOUTHEAST LIMB ACTIVITY DURING THE PAST 48
HOURS, APPEARS TO BE COMPLETELY ON THE VISIBLE DISK. REGION 414
/S05E68/ IS AN ISOLATED H TYPE SPOT, WHILE REGION 416 /S05E78/
IS A D TYPE WITH MODERATELY BRIGHT H-ALPHA PLAGE. REGION 415
/S09W07/ HAS SHOWN MINOR GROWTH DURING THE PAST PERIOD.

IB. A SLIGHT INCREASE OF FLARE ACTIVITY, PRIMARILY FROM THE
SOUTHEAST COMPLEX, IS EXPECTED DURING THE NEXT 72 HOURS.
REGION 375 IS DUE TO RETURN ON 22 SEP.

II. THE GEOMAGNETIC FIELD IS QUIET. HOWEVER, UNSETTLED CON-
DITIONS ARE LIKELY DURING MOST OF THE FORECAST PERIOD DUE TO
AN EXPECTED SECTOR BOUNDARY PASSAGE ON 21 SEP.

III. EVENT PROBABILITIES 21 SEP-23 SEP

CLASS M 40/40/40

CLASS X 03/03/03

PROTON 01/01/01

PCAR GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 SEP 112

PREDICTED 21-23 SEP 120/126/132

90-DAY MEAN 20 SEP 121.7

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 SEP 05

ESTIMATED 20 SEP 04

PREDICTED 21 SEP-23 SEP 14/12/10

SOLTERWARN

SPAN

BT