

HFUS 1 BOU 230600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 113A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 23 APRIL 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH MINOR SURGES OCCURRING WITH
DEPARTING REGIONS 384 AND 385. EJECTA WAS REPORTED FROM REGION 384
AT 2345Z BUT PRODUCED NO GEOPHYSICAL EFFECTS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD REMAINS ACTIVE WITH STORM CONDITIONS
EXISTING DURING LOCAL NIGHT TIME. THIS LEVEL OF ACTIVITY IS EXPECTED
TO CONTINUE THROUGH THE FORECAST PERIOD.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

SPAN

BT

HFUS 1 BOU 231400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 113B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 23 APRIL 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. PLAGE FLUCTUATIONS HAVE BEEN
NOTED IN REGION 387 (S08E31), BUT NO FLARES HAVE BEEN OBSERVED. A
POSSIBLE NEW REGION IS REPORTED TO BE EMERGING NEAR S04W56, BUT
IT TOO HAS BEEN INACTIVE. WEST LIMB SURGING HAS MOSTLY SUBSIDED.
IB. SOLAR ACTIVITY WILL CONTINUE AT VERY LOW LEVELS THROUGH THE
END OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC DISTURBANCE CONTINUES. ACTIVE CONDITIONS NOW
PREVAIL, AND WILL CONTINUE TO DO SO FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 23 APRIL - 25 APRIL

CLASS M 15/10/10

CLASS X 03/02/02

PROTON 02/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 APRIL 74

PREDICTED 23 APRIL - 25 APRIL 72/71/70

90-DAY MEAN 22 APRIL 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 APRIL 24

ESTIMATED AFR/AP 22 APRIL 24/31

PREDICTED AFR/AP 23 APRIL - 25 APRIL 21/26 - 19/22 - 20/24

SOLTERWARN

SPAN

BT

HFUS BOU 232200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 113
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 23 APRIL 1974
IA. VERY LITTLE SIGNIFICANT ACTIVITY HAS BEEN REPORTED TODAY,
AS SOLAR ACTIVITY REMAINS VERY LOW. REGION 387 (S08E27), THE
MOST IMPRESSIVE ON THE DISK, HAS GROWN SLOWLY IN BOTH WHITE
LIGHT AND H-ALPHA. A NEW REGION, 388 (S04W62) EMERGED EARLIER
TODAY, AND CONSISTS OF A SINGLE SPOT. REGION 386 (N03W88) IS
MAKING A QUIET LIMB TRANSIT. THERE HAS BEEN NO FLARE ACTIVITY
IN THE PAST 32 HOURS.
IB. SOLAR ACTIVITY SHOULD REMAIN AT THIS SAME LEVEL,
PENDING CONTINUED DEVELOPMENT IN REGION 387. IF GROWTH CONTINUES
THERE, LOOK FOR AN OCCASIONAL, NON-ENERGETIC SUBFLARE. NO
SIGNIFICANT OLD REGIONS ARE DUE AT EAST LIMB DURING THE PERIOD.
II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE. EXPECT THIS SAME
APPROXIMATE LEVEL OF ACTIVITY TO CONTINUE FOR THE NEXT 72 HOURS.
III. EVENT PROBABILITIES 24 - 26 APRIL

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 APRIL 73

PREDICTED 24 - 26 APRIL 72/71/71

90-DAY MEAN 23 APRIL 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 APRIL 22

ESTIMATED AFR/AP 23 APRIL 20/24

PREDICTED AFR/AP 24 - 26 APRIL 19/22 - 20/24 - 17/20

SOLTERWARN

SPAN

BT