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HFUS 1 BOU 220600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 112A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 22 APRIL 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. ONLY ONE NON-ENERGETIC SUBFLARE HAS BEEN OBSERVED. THE DISK AND THE LIMBS ARE STABLE AND QUIET.

IB. THE SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE MINOR GEOMAGNETIC STORM CONTINUES AND WILL CONTINUE DURING THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 221400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 112B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 22 APRIL 1974
IA. A C-3 X-RAY EVENT, PERHAPS ASSOCIATED WITH AN EPL AT SW13, WAS
REPORTED AT 0847Z TODAY. THIS IS THE DAY'S MOST SIGNIFICANT EVENT
OBSERVED. SMALL SUBFLARES AND SURGES HAVE ACCCOMPANIED THE WEST LIMB
PASSAGE OF REGIONS 384 AND 385 (SW13, SW08). ALL OTHER REGIONS HAVE
BEEN QUIET.
IB. SOLAR ACTIVITY WILL REMAIN VERY LOW. THE MINOR WEST LIMB ACTIVITY
WILL CONTINUE THROUGH TODAY.
II. THE GEOMAGNETIC FIELD REMAINS ACTIVE. CONDITIONS WILL REMAIN AT
THIS SAME APPROXIMATE LEVEL THROUGH THE END OF THE FORECAST PERIOD.
III. EVENT PROBABILITIES 22 APRIL - 24 APRIL
CLASS M 20/15/10
CLASS X 05/03/02
PROTON 02/02/02
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 21 APRIL 79
PREDICTED 22 APRIL - 24 APRIL 76/74/73
90-DAY MEAN 21 APRIL 82
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 20 APRIL 27
ESTIMATED AFR/AP 21 APRIL 24/31
PREDICTED AFR/AP 22 APRIL - 24 APRIL 21/26 - 19/22 - 17/20
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HFUS BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 112

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 22 APRIL 1974

IA. THE WEST LIMB HAS BEEN THE MAIN AREA OF INTEREST TODAY, AS
SOLAR ACTIVITY REMAINS VERY LOW. NEARLY CONSTANT SMALL SURGES AND
OCCASIONAL SMALL FLARES HAVE BEEN NOTED WITH THE DEPARTURE OF
REGIONS 384 (SW13) AND 385 (SW08). REGION 387 (S08E40), UNCHANGED
IN WHITE LIGHT, REMAINS MAGNETICALLY SIMPLE. REGION 386 (N03W75)
HAS BEEN QUIET.

IB. SURGES SHOULD CONTINUE AT WEST LIMB FOR APPROXIMATELY 24 HOURS.
OTHER THAN THIS, SOLAR ACTIVITY WILL REMAIN VERY LOW, AS THE
GREATEST EVENT ANTICIPATED WOULD BE AN ISOLATED, C-CLASS SUBFLARE.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE. THIS SAME APPROXIMATE
LEVEL OF ACTIVITY IS FORECAST FOR THE NEXT 72 HOURS, WITH
THE GREATEST DISTURBANCES OCCURRING DURING LOCAL NIGHTTIME.

III. EVENT PROBABILITIES 23-25 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 23-25 APRIL 72/71/70

90-DAY MEAN 22 APRIL 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 APR 24

ESTIMATED AFR/AP 22 APR 24/31

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

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