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HFUS 1 BOU 210600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 111A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 21 APRIL 1974

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. THE THREE DISK REGIONS APPEAR STABLE AND QUIET. THE LIMBS ARE ALSO QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL. A FEW NON-ENERGETIC SUBFLARES WILL BE OBSERVED DURING THE NEXT 8 HOURS.

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

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

SPAN

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HFUS 1 BOU 211400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 111B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 21 APRIL 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. ONLY VERY INFREQUENT, SMALL SUBFLARES HAVE BEEN REPORTED, AS THE CHARACTER OF THE DISK HAS BEEN QUIET. ALL REGIONS CURRENTLY VISIBLE HAVE BEEN PREDOMINANTLY STABLE.

IB. WITH ONLY OCASIONAL, NON-ENERGETIC SUBFLARES ANTICIPATED, SOLAR ACTIVITY WILL REMAIN VERY LOW.

II. THE GEOMAGNETIC DISTURBANCE CONTINUES, WITH ACTIVE LEVELS NOW PREVALENT. IT WILL CONTINUE THROUGHT THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 21 APRIL - 23 APRIL

CLASS M	40/30/10
CLASS X	10/05/02
PROTON	03/02/02
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	20 APRIL 82
PREDICTED	21 APRIL - 23 APRIL 77/73/70
90-DAY MEAN	20 APRIL 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	19 APRIL 33
ESTIMATED AFR/AP	20 APRIL 32/46
PREDICTED AFR/AP	21 APRIL - 23 APRIL 20/24 - 17/20 - 17/20
SOLTERWARN	
SPAN	
BT	

HFUS BOU 212200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 111
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 APRIL 1974
IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. REGION 384
(S13W83), WHICH EARLIER GENERATED A FEW SMALL SUBFLARES, IS
BEGINNING ITS LIMB TRANSIT. THE PLAGE HERE HAS BEEN STABLE.
NO FLARES HAVE BEEN OBSERVED IN REGION 385 (S08W78), WHICH IS
ALSO NEARING WEST LIMB. NEW REGION 387 (S09E54) EMERGED TODAY,
AND THREE SPOTS ARE VISIBLE THERE. AT THIS TIME THE REGION IS
MAGNETICALLY SIMPLE. REGION 386 (N03W59) APPEARS TO BE INNOCUOUS.
THE REMAINDER OF THE DISK AND THE LIMBS HAVE BEEN QUIET.
IB. SURGE ACTIVITY IS EXPECTED AT WEST LIMB WITH THE PASSAGE OF
REGIONS 384 AND 385. THE ONLY OTHER ACTIVITY ANTICIPATED WOULD BE
ISOLATE SMALL SUBFLARES, AS SOLAR ACTIVITY WILL REMAIN VERY LOW.
II. ACTIVE CONDITIONS HAVE BEEN IN EVIDENCE IN THE GEOMAGNETIC
FIELD TODAY. THIS DISTURBANCE WILL PERSIST THROUGHOUT
THE FORECAST PERIOD, AND SHOULD WEAKEN IN THE LATTER PART.
III. EVENT PROBABILITIES 22-24 APR

CLASS M 20/15/10

CLASS X 05/03/02

PROTON 02/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 APR 79

PREDICTED 22-24 APR 76/74/73

90-DAY MEAN 21 APR 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 APR 27

ESTIMATED AFR/AP 21 APR 24/31

PREDICTED AFR/AP 22-24 APR 21/26 - 19/22 - 17/20

SOLIERWARN

SPAN

BT