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HFUS 1 BOU 250600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 115A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 25 APRIL 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. NO FLARES HAVE BEEN REPORTED
FOR THE PAST 34 HOURS. REGION 387 (S08E08), HOWEVER, APPEARS TO BE
GROWING FASTER THAN PREVIOUSLY. OSO-7 LONG X-RAY DATA INDICATE THIS
REGION IS DEVELOPING ENERGETIC FLARE POTENTIAL.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW FOR THE NEXT 24 HOURS.
REGION 387 MAY WELL CAUSE ACTIVITY TO INCREASE TO MODERATE LEVELS
IN A DAY OR TWO.

II. THE GEOMAGNETIC FIELD BECAME QUIET AT 24/0500Z. THE FIELD IS
EXPECTED TO BE ESSENTIALLY UNSETTLED THRU THE FORECAST PERIOD WITH
ISOLATED ACTIVE PERIODS DURING LOCAL NIGHT TIME HOURS.

III. EVENT PROBABILITIES 25 APRIL -27 APRIL

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 APRIL 74

PREDICTED 25 - 27 APRIL 75/76/77

90-DAY MEAN 24 APRIL 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 APRIL 20

ESTIMATED AFR/AP 24 APRIL 12/13

PREDICTED AFR/AP 25 - 27 APRIL 18/21 - 15/17 - 17/20

SOLTERWARN

SPAN

BT

HFUS 1 BOU 251400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 115B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 25 APRIL 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 387(S08E01)
CONTINUES SLOW GROWTH. IT PRODUCED A SUB NORMAL FLARE AT 0026Z
BUT HAS SINCE BEEN QUIET. REGION 388(S06W84) PRODUCED A
SUBNORMAL FLARE AT 1319Z BUT OTHERWISE HAS BEEN STABLE AND QUIET.
THE LIMBS AND REST OF THE VISIBLE DISK ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW WITH INFREQUENT
MINOR ACTIVITY FROM REGIONS 387 AND 388.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED WITH SPORADIC
RISES TO ACTIVE LEVELS. THE FIELD IS EXPECTED TO CONTINUE THE
SAME THROUGH THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 25 APRIL - 27 APRIL

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 APRIL 74

PREDICTED 25 - 27 APRIL 75/76/77

90-DAY MEAN 24 APRIL 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 APRIL 20

ESTIMATED AFR/AP 24 APRIL 12/13

PREDICTED AFR/AP 25 - 27 APRIL 18/21 - 15/17 - 17/20

SOLTERWARN

SPAN

BT

HFUS BOU 252200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 115
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 25 APRIL 1974

IA. SOLAR ACTIVITY CONTINUES LOW. REGION 387 (S08W02) HAS SHOWN SLOW GROWTH AND INCREASED MAGNETIC COMPLEXITY BUT HAS BEEN RELATIVELY INACTIVE SINCE A SUBNORMAL FLARE AT 0025Z. REGION 388 (S06W88) HAS PRODUCED NUMEROUS MINOR SURGES WHILE COMMENCING WEST LIMB TRANSIT. THE EAST LIMB AND REST OF THE DISK ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW THROUGH THE NEXT 72 HOURS. REGION 387 HAS THE POTENTIAL FOR FURTHER GROWTH AND INCREASED ACTIVITY BUT NO MAJOR EVENTS ARE EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETLED WITH PERIODS OF ACTIVE CONDITIONS DURING LOCAL NIGHT TIME. THE FIELD IS EXPECTED TO CONTINUE THE SAME THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 26 APRIL 28 APRIL

CLASS M 05/05/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX
OBSERVED 25 APRIL 76
PREDICTED 26 APRIL - 28 APRIL 76/74/75
90-DAY MEAN 25 APRIL 82

V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 24 APRIL 14
ESTIMATED AFR/AP 25 APRIL 16/18
PREDICTED AFR/AP 26 - 28 APRIL 18/21 - 16/18 - 18/21
SOLTERWARN
SPAN
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