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HFUS 1 BOU 240500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 236A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0500Z 24 AUGUST 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. NO ACTIVITY HAS BEEN OBSERVED.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

II. THE MINOR GEOMAGNETIC DISTURBANCE CONTINUES. THE NEXT 24 HOURS SHOULD SHOW A SLIGHT DECLINE IN THE INTENSITY OF THE DISTURBANCE.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS BOU 241400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 236B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 24 AUG 1974
IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL.
IB. NO SIGNIFICANT SOLAR ACTIVITY EXPECTED.
II. THE GEOMAGNETIC STORM CONTINUES WITH DISTURBED CONDITIONS
EXPECTED THE NEXT TWO DAYS.
III. EVENT PROBABILITIES 24-26 AUG
CLASS M 15/10/10
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 23 AUG 79
PREDICTED 24 AUG - 26 AUG 81/81/80
90-DAY MEAN 23 AUG 89
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 22 AUG 33
ESTIMATED AFR/AP 23 AUG 32/45
PREDICTED AFR/AP 24 AUG - 26 AUG 25/30 - 20/25 - 15/20
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HFUS BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 236

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 24 AUG 1974

IA. SOLAR ACTIVITY HAS BEEN LOW WITH AR 475 (N05 E10) PRODUCING A
LARGE SF (NON-ENERGETIC) FLARE AT 1741Z. OTHER REGIONS QUIET.

IB. ONLY MINOR ACTIVITY EXPECTED WITH AR 476 (S11 W68) AND AR 475
BOTH TOO WEAK TO PRODUCE MAJOR EVENTS. THE LARGE BUSH PROMINENCE
IN SOUTH WEST QUADRANT MAY LIFT OFF AND REFORM IN NEXT 48 HOURS.
NO RETURNING REGIONS EXPECTED.

II. THE GEOMAGNETIC STORM SEEMS TO BE ENDING (FINALLY) WITH MOST
DISTURBED CONDITIONS IN THE MIDNITE TO DAWN HOURS DURING THE NEXT
FEW DAYS.

III. EVENT PROBABILITIES 25 - 27 AUG

CLASS M 10/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 AUG 76

PREDICTED 25 - 27 AUG 78/78/78

90-DAY MEAN 24 AUG 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 AUG 31

ESTIMATED AFR/AP 24 AUG 28/39

PREDICTED AFR/AP 25 - 27 AUG 20/24 - 15/17 - 12/13

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