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HFUS 1 BOU 190500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 231A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 19 AUGUST 1974

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST 8 HOURS. SMALL SURGES HAVE BEEN OBSERVED AT SE14. NO SPOTS ARE VISIBLE AT THIS LOCATION. REGION 472 (S14E08) HAS PRODUCED SEVERAL BRIGHT POINTS EARLIER IN THE DAY.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL. A FEW NON ENERGETIC SUBFLARES CAN BE EXPECTED. NO MAJOR ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY DISTURBED DURING THE PAST 12-15 HOURS. THIS IS A RECURRENCE DISTURBANCE AND IS EXPECTED TO BECOME MORE DISTURBED THIS ZULU DAY.

III. EVENT PROBABILITIES - NO CHANGE

IV. OTTAWA 10.7 CM FLUX - NO CHANGE

V. GEOMAGNETIC A INDICES - NO CHANGE

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KBOU

HFUS BOU 191430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 231B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 19 AUG 1974

IA. SOLAR ACTIVITY REMAINED AT A VERY LOW LEVEL DURING THE PAST
EIGHT HOURS. MINOR SURGE ACTIVITY CONTINUES IN THE SOUTHEAST AND
IS PROBABLY ASSOCIATED WITH THE RETURN OF OLD RGN 457.

IB. SOLAR ACTIVITY MAY SHOW A SLIGHT INCREASE IN THE FORM OF NON-
ENERGETIC FLARES DURING THE NEXT 24 HOURS. AN ISOLATED ENERGETIC
FLARE IS ALSO BECOMING MORE LIKELY DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AND OCCASIONALLY BORDERING
ON MINOR STORM CONDITIONS SINCE 0600Z. ACTIVE TO MINOR STORM
CONDITIONS SHOULD DOMINATE THE REMAINDER OF THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 19 - 21 AUG

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 AUG 94

PREDICTED 19 - 21 AUG 90/85/85

90-DAY MEAN 18 AUG 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 AUG 06

ESTIMATED AFR/AP 18 AUG 14/16

PREDICTED AFR/AP 19 - 21 AUG 31/45 - 29/40 - 20/30

SOLTERWARN

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KBOU

HFUS 1 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 231

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 19 AUGUST 1974

IA. SOLAR ACTIVITY REMAINS AT A LOW LEVEL. NO SIGNIFICANT CHANGES
HAVE OCCURRED IN THE VISIBLE DISK FEATURES. FREQUENT LIMB ACTIVITY
NEAR SE10 PRESAGES THE RETURN OF OLD REGION 457. A SLIGHT RISE IN
THE X-RAY BACKGROUND HAS BEEN NOTED SINCE 457 MADE ITS PRESENCE
KNOWN ON THE EAST LIMB.

IB. A SLIGHT INCREASE IN FLARE FREQUENCY MAY BE NOTED OVER THE NEXT
THREE DAYS WITH A CORRESPONDING INCREASE IN ENERGETIC ACTIVITY.

II. A RECURRENT DISTURBANCE IS IN PROGRESS AND IS EXPECTED TO
CONTINUE THROUGH 22 AUG. A GRADUAL DECLINE IN MAGNITUDE SHOULD BE
EVIDENT BY 21 AUG WITH UNSETLED TO ACTIVE CONDITIONS LATE 22 AUG.

III. EVENT PROBABILITIES 20 AUG - 22 AUG

CLASS M 10/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 AUG 87

PREDICTED 20 AUG - 22 AUG 86/86/85

90-DAY MEAN 19 AUG 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 AUG 07

ESTIMATED AFR/AP 19 AUG 25/33

PREDICTED AFR/AP 20 AUG - 22 AUG 29/40 - 23/30 - 17/20

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