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HFUS 1 BOU 311400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 212B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 31 JULY 1974

IA. SOLAR ACTIVITY CONTINUED AT A LOW LEVEL DURING THE PAST 8 HOURS
AND NO SIGNIFICANT CHANGES IN VISIBLE FEATURES HAVE BEEN REPORTED.

IB. SOLAR ACTIVITY SHOULD REMAIN AT A LOW LEVEL FOR THE REMAINDER OF
THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD IS QUIET. QUIET TO UNSETTLED CONDITIONS
ARE EXPECTED TO PERSIST FOR THE NEXT 12-15 HOURS AT WHICH TIME THE
FIELD SHOULD BECOME ACTIVE.

III. EVENT PROBABILITIES 31 JULY - 02 AUG

CLASS M 03/05/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 JULY 83

PREDICTED 31 JULY - 02 AUG 84/82/80

90-DAY MEAN 30 JULY 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 JULY 15

ESTIMATED AFR/AP 30 JULY 12/14

PREDICTED AFR/AP 31 JULY - 02 AUG 11/15 - 20/24 - 24/31

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HFUS 1 BOU 310600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 212A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 31 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. ONE
SMALL CLASS M FLARE WAS OBSERVED AT 31/0424Z. THE DISK REGIONS AND
THE LIMBS APPEAR STABLE.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL DURING THE NEXT
8 HOURS. CLASS C ACTIVITY IS EXPECTED AND AN OCCASIONAL CLASS M
FLARE IS PROBABLE.

II. THE GEOMAGNETIC FIELD IS QUIET AND WILL REMAIN IN A QUIET TO
UNSETTLED CONDITION DURING THE NEXT 24 HOURS.

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 312200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 212

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 31 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN LOW. A C7(GOES) X-RAY EVENT AT
31/0424Z HAD A SMALL CENTIMETRIC RADIO BURST ASSOCIATED WITH IT.
NO OPTICAL COUNTERPART WAS REPORTED. A C2 (GOES) X-RAY EVENT AT
31/0923Z WAS ASSOCIATED WITH A SN FLARE IN REGION 457 (S08 W30).
REGION 457 CONTINUES ITS SLOW GROWTH. ITS TOTAL
NEUTRAL LINE STRUCTURE IS COMPLEX DUE TO ITS EMERGENCE IN OLD
FIELDS, BUT THE SUNSPOT GROUP ITSELF IS STILL A SIMPLE BIPOLE.
REGION 454 (S15 W19) REMAINS STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. CLASS C EVENTS ARE
EXPECTED WITH AN ISOLATED CLASS M EVENT POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETLED TO QUIET.
THE FIELD IS EXPECTED TO BE GENERALLY UNSETLED WITH SUB-STORM
ACTIVITY POSSIBLE.

III. EVENT PROBABILITIES 01 - 03 AUG

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 JUL 85

PREDICTED 01 - 03 AUG 82/80/78

90-DAY MEAN 31 JUL 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 JUL 11

ESTIMATED AFR/AP 31 JUL 06/08

PREDICTED AFR/AP 01 - 03 AUG 11/12 - 13/14 - 11/12

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