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HFUS 1 BOU 170600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 198A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 17 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
NO FLARES HAVE BEEN OBSERVED. THE DISK REGIONS APPEAR STABLE AND
QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 8 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 1 BOU 171400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 198B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 17 JULY 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW, WITH THREE SUBFLARES
REPORTED SINCE 16/0841Z.

IB. ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET TO MILDLY UNSETLED
CONDITIONS ARE EXPECTED THROUGHOUT THE FORECAST PERIOD.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 198

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 200Z 17 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS
WITH ONLY FOUR SMALL C-CLASS SUBFLARES REPORTED. ALL REGIONS IN
THE VICINITY OF REGION 438 (S08W45), REGION 442 (S11W08) AND
REGION 443 (S12E35) APPEAR STABLE OR DECLINING.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW TO VERY LOW
THRU THE FORECAST PERIOD. MINOR DEVELOPMENTS IN REGION 443
MAY PORTEND SOME FURTHER FLARE PRODUCTION THERE. OLD REGION
435 IS DUE BACK AT SE10 ON 20 JULY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO QUIET FOR THE
PAST 24 HOURS. THE FIELD SHOULD CONTINUE IN A GENERALLY QUIET
STATE THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 18-20 JULY

CLASS M 05/03/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 JULY 88

PREDICTED 18-20 JULY 84/81/79

90-DAY MEAN 17 JULY 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 JULY 11

ESTIMATED AFR/AP 17 JULY 7/8

PREDICTED AFR/AP 18-20 JULY 7/8 - 7/8 - 9/10

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