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HFUS 1 BOU 180600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 199A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 18 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. NO
FLARES HAVE BEEN OBSERVED. THE DISK REGIONS AND THE LIMBS APPEAR
STABLE AND QUIET.

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

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND WILL CONTINUE TO BE
QUIET 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 1 BOU 181400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 199B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1400Z 18 JULY 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. NO FLARES HAVE BEEN REPORTED
IN THE PAST 21 HOURS. REGION 443 (S15E28) IS EXHIBITING SLOW GROWTH,
WHILE REGION 442 (S11W15) IS SLOWLY DECAYING.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO MILDLY UNSETTLED.

SIMILAR CONDITIONS ARE EXPECTED THROUGHOUT THE FORECAST PERIOD.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 199

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 18 JULY 1974

I.A. SOLAR ACTIVITY HAS BEEN VERY LOW WITH THREE NON-ENERGETIC FLARES
REPORTED FROM REGION 442 (S11 W21). BEGINNING NEAR 2010Z, THE
GOES 1-8 ANGSTROM X-RAY CHANNEL BEGAN A SLOW, STEADY RISE.
AT 2020Z, DEKAMETRIC CONTINUUM BEGAN. THE SOURCE OF THESE EMISSIONS
IS UNKNOWN, SINCE THERE HAS BEEN NO CORRESPONDING OPTICAL CHANGES.
OLD REGION 435 IS DUE BACK ON 20 JULY.

I.B. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. HOWEVER, IF THE
EMISSION MENTIONED ABOVE IS DUE TO OLD REGION 435, ACTIVITY
COULD RISE SHARPLY IN THE NEXT 24-36 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET, WITH UNSETTLED
CONDITIONS DURING LOCAL NIGHT TIME. GENERALLY UNSETTLED GEOMAGNETIC
CONDITIONS ARE EXPECTED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 19 - 21 JUL

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 JUL 84

PREDICTED 19 - 21 JUL 81/79/78

90-DAY MEAN 18 JUL 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 JUL 08

ESTIMATED AFR/AP 18 JUL 06/08

PREDICTED AFR/AP 19 - 21 JUL 08/09 - 09/10 - 11/12

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