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HFUS 1 BOU 160600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 197A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 16 JULY 1974

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

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

II. DURING THE PERIOD 0300-0500 U.T. THE GEOMAGNETIC FIELD WAS
SLIGHTLY DISTURBED BUT THE DISTURBANCE WAS VERY SHORT LIVED.
THIS IS A MINOR RECURRENCE DISTURBANCE.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 61400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 197B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 16 JULY 1974

IA. SOLAR ACTIVITY REMAINS LOW, WITH FOUR SUBFLARES FROM REGION 442
(S10E10) BEING THE ONLY ACTIVITY REPORTED IN 24 HOURS. THIS REGION
HAS EXHIBITED RAPID SPOT GROWTH DURING THE PAST 12 HOURS,
ESPECIALLY IN THE TRAILER. ARCH FILAMENTS AND POINT BRIGHTENINGS
CONTINUE IN 442.

IB. THE OUTLOOK FOR ENERGETIC ACTIVITY IS LOW, ALTHOUGH CONTINUED
GROWTH IN REGION 442 COULD LEAD TO ENERGETIC POTENTIAL IN THE NEXT
SEVERAL DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 12 HOURS.
ACTIVE TO UNSETTLED CONDITIONS ARE EXPECTED THROUGHOUT THE FORE-
CAST PERIOD.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 197

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 16 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY 4 SUBFLARES
REPORTED IN THE PAST 24 HOURS, ALL FROM REGION 442 (S12 E02).
THIS REGION HAS SHOWN CONSIDERABLE SPOT GROWTH, BUT HAS NOT YET
DEVELOPED A HIGH POTENTIAL FOR ACTIVITY. ALL OTHER REGIONS ARE
STABLE OR DECAYING.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO VERY LOW THIS PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE THE PAST
24 HOURS AND IS EXPECTED TO REMAIN SO THE NEXT 24 HOURS, BE-
COMING QUIET TO UNSETTLED THE FOLLOWING 48 HOURS.

III. EVENT PROBABILITIES 17 - 19 JULY

CLASS M 15/15/15

CLASS X 05/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED 16 JULY 88

PREDICTED 17 - 19 JULY 90/90/92

90-DAY MEAN 16 JULY 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 JULY 09

ESTIMATED AFR/AP 16 JULY 11/16

PREDICTED AFR/AP 17 - 19 JULY 15/15 - 08/12 - 08/12

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