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HFUS 1 BOU 250600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 206A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 25 JULY 1974

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

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL.

II. THE MINOR GEOMAGNETIC STORM CONTINUES AND WILL CONTINUE FOR 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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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 206B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1400Z 25 JULY 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH NO SIGNIFICANT FLARES OR X-RAY EVENTS OBSERVED THIS ZULU DAY. THE FOUR DISK REGIONS ARE SIMPLE MAGNETICALLY AND STABLE. THE LIMBS ALSO ARE QUIET.

IB. THE SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. THERE IS NO REGION DUE ON THE EAST LIMB DURING THE FORECAST PERIOD WHICH CROSSED WEST LIMB WITH SUNSPOT STRUCTURE.

II. THE GEOMAGNETIC FIELD WAS AT MINOR STORM CONFIGURATION DURING LOCAL NIGHT HOURS (00-12Z). THE FIELD IS EXPECTED TO REMAIN ACTIVE DURING THE FORECAST PERIOD WITH DECLINING LEVELS.

III. EVENT PROBABILITIES 25 JUL - 27 JUL

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JUL 90

PREDICTED 25 JUL - 27 JUL 92/94/96

90-DAY MEAN 24 JUL 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JUL 42

ESTIMATED AFR/AP 24 JUL 31/44

PREDICTED AFR/AP 25 JUL - 27 JUL 26/35 - 20/24 - 15/17

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HFUS BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 206

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 25 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN LOW. OCCASIONAL SUBFLARES CONTINUE
IN REGIONS 451 (S10 E16). THE PRESENT DISK REGIONS REMAIN ESSENTIALLY
STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH OCCASIONAL SUB-
FLARES EXPECTED, PRIMARILY IN REGION 451, WHICH APPEARS TO HAVE
SOME CHANCE OF RENEWED DEVELOPMENT.

II. THE GEOMAGNETIC FIELD HAS CONTINUED TO BE DISTURBED UP TO
MINOR STORM LEVELS. ACTIVE CONDITIONS DECLINING TO UNSETTLED
LEVELS ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 26 JULY - 28 JULY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JULY 87

PREDICTED 26 - 28 JULY 88/88/90

90-DAY MEAN 25 JULY 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JULY 35

ESTIMATED AFR/AP 25 JULY 20/24

PREDICTED AFR/AP 26 - 28 JULY 20/24 - 15/17 - 12/13

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