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HFUS 1 BOU 240600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 205A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 24 JULY 1974

IA. SOLAR ACTIVITY CONTINUES GENERALLY LOW, ALTHOUGH THERE HAVE
BEEN SEVERAL 1-8 ANGSTROM X-RAY ENHANCEMENTS TO NEAR CLASS C
THRESHOLD IN THE PAST 24 HOURS. LOOPS AND SURGING ARE IN EVIDENCE
ON THE SOUTH EAST LIMB, WHERE CORONAL CONDENSATION AND A GREATLY
ENHANCED 2 MINUTE MAUNA LOA K CORONOMETER SCAN INDICATES THE RETURN
OF OLD REGION 433 (NOW 454). SUBFLARE PRODUCTION HAS INCREASED
SOMEWHAT FROM REGION 452 (S14E01).

IB. X-RAY ACTIVITY IS EXPECTED TO INCREASE AS REGION 454 ROTATES
ONTO THE DISK.

II. THE GEOMAGNETIC STORM CONTINUES UNABATED. STORM CONDITIONS ARE
EXPECTED TO CONTINUE FOR 24 TO 36 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 241400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 205B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 24 JULY 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH NON-ENERGETIC SUBFLARES
AND POINT BRIGHTENINGS OCCURRING IN REGIONS 451 (S09E33) AND 452
(S14W03). MINOR SURGING IS OCCURRING ON THE SW LIMB WITH DEPARTING
REGIONS 442 AND 445. MINOR SURGING HAS ACCOMPANIED THE CROSSING OF
OLD REGION 433 ON THE EAST LIMB, NOW REGION 454 (S12E85).

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN IN A STORM CONFIGURATION SINCE A
GRADUAL COMMENCEMENT BEGINNING NEAR 23/2100Z. STORM CONDITIONS ARE
EXPECTED TO CONTINUE FOR ABOUT 24 HOURS AND THEN REMAIN ACTIVE FOR
THE BALANCE OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 24 JULY - 26 JULY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 JUL 95

PREDICTED 24 JUL - 26 JUL 97/98/99

90-DAY MEAN 23 JUL 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 JUL 11

ESTIMATED AFR/AP 23 JUL 48/74

PREDICTED AFR/AP 24 JUL - 26 JUL 42/64 - 36/53 - 22/28

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HFUS 1 BOU 241400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 205B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 24 JULY 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH NON-ENERGETIC SUBFLARES
AND POINT BRIGHTENINGS OCCURRING IN REGIONS 451 (S09E33) AND 452
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III. EVENT PROBABILITIES 24 JULY - 26 JULY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 JUL 95

PREDICTED 24 JUL - 26 JUL 97/98/99

90-DAY MEAN 23 JUL 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 JUL 11

ESTIMATED AFR/AP 23 JUL 48/74

PREDICTED AFR/AP 24 JUL - 26 JUL 42/64 - 36/53 - 22/28

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HFUS 1 BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 205

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 24 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN LOW. A FEW ISOLATED SUBFLARES HAVE
BEEN OBSERVED IN REGIONS 451 (S09E27) AND 452 (S14W08). BOTH
THESE REGIONS APPEAR GENERALLY STABLE WITH A FEW SIGNS OF DECAY.
REGION 454 (S16E76), BELIEVED TO BE THE RETURN OF REGION 433,
CONSISTS OF A SIMPLE H-TYPE SPOT AND SCATTERED PLAGE.

IB. ACTIVITY IS EXPECTED TO CONTINUE TO BE LOW WITH CLASS C
FLARES EXPECTED. THERE IS A CHANCE OF REGROWTH IN REGION 454.

II. THE GEOMAGNETIC STORM HAS CONTINUED BUT WITH DECLINING
LEVELS AND THE FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE THE
NEXT 3 DAYS.

III. EVENT PROBABILITIES 25-27 JULY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JULY 90

PREDICTED 25-27 JULY 92/94/96

90-DAY MEAN 24 JULY 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JULY 42

ESTIMATED AFR/AP 24 JULY 31/44

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

SOLTERWARN

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