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HFUS 1 BOU 260600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 207A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 26 JULY 1973

IA. SOLAR ACTIVITY IS STILL VERY LOW BUT APPEARS TO BE INCREASING AS RGNS 176(N12E85) AND 177(S05E68) ROTATE ONTO THE DISC. TWO SYMPATHETIC SUBFLARES AND AN ASSOCIATED SMALL ERUPTIVE PROMINENCE WERE REPORTED IN PROGRESS IN RGN 176 AT 0006Z. DEKAMETRIC GROUP TYPE III FOLLOWED BY TWO PROBABLE WEAK TYPE II EVENTS OCCURRED BETWEEN 0000Z AND 0023Z. A SUBFAINT FLARE WAS REPORTED IN RGN 177 AT 0040Z, AND TRAILER SPOTS ARE NOW VISIBLE EAST OF THE MEDIUM SIZED H TYPE LEADER. SPOTS ARE NO LONGER VISIBLE IN RGN 175(N12W14).

IB. ACTIVITY IS EXPECTED TO BE LOW, BUT LIMB PROXIMITY STILL PREVENTS ACCURATE ANALYSIS OF THE POTENTIAL OF RNGS 176 AND 177.

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 261300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 207B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 26 JULY 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW, WITH ONLY MINOR ACTIVITY REPORTED.
THE EAST LIMB HAS BEEN THE MAIN AREA OF INTEREST, AS SURGES HAVE BEEN
NOTED NEAR N10, AND ACTIVE PROMINENCES NEAR S15. THREE SMALL SUB-
FLARES HAVE BEEN OBSERVED, TWO FROM REGION 176 (N10E75), AND ONE FROM
REGION 177 (S06E69). NO X-RAYS WERE OBSERVED WITH ANY OF THESE FLARES.

IB. SOLAR ACTIVITY WILL REMAIN LOW.

II. THE GEOMAGNETIC FIELD BECAME MILDLY ACTIVE AT 26/0300Z. THIS
LEVEL OF ACTIVITY SHOULD CONTINUE THROUGH 27 JULY AS A RECURRENT
MAGNETIC DISTURBANCE MAKES ITS PRESENCE FELT.

III. EVENT PROBABILITIES 26 JUL - 28 JUL

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JUL 81

PREDICTED 26 JUL - 28 JUL 83/85/87

90-DAY MEAN 25 JUL 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JUL 07

ESTIMATED 25 JUL 11

PREDICTED 26 JUL - 28 JUL 18/18/12

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KBOU

HFUS BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 207

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 JULY 1973.

IA. SOLAR ACTIVITY HAS BEEN LOW WITH FIVE SUBFLARES IN THE LAST
24 HOURS. REGION 177 (S07E60) HAS COMPLETED EAST LIMB TRANSIT
AND APPEARS STABLE. REGION 176 (N10E80) ALSO APPEARS INACTIVE
AND NO SPOTS ARE YET VISIBLE. MINOR EAST LIMB ACTIVITY (N13-30
AND S14) CONTINUES.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW THE NEXT THREE DAYS.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE TODAY AND SHOULD REMAIN
SO FOR 24-48 HOURS AFTER WHICH IT WILL BE UNSETLED.

III. EVENT PROBABILITIES 27 JUL - 29 JUL.

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN WHY DOES NEUTRAL
IV. OTTAWA 10.7 CM FLUX. LINE HAVE 05 FOR
OBSERVED 26 JUL 82 M PROBABILITY?

PREDICTED 27 JUL - 29 JUL 83/84/84

90-DAY MEAN 26 JUL 92

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 25 JUL 10

ESTIMATED 26 JUL 28

PREDICTED 27 JUL - 29 JUL 28/18/12

SOLTERWARN

SPAN

BT

? ACTIVITY WAS
VERY LOW
BY DEFINITION