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HFUS 1 BOU 250600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 206A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 25 JULY 1973

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL, WITH NO FLARES
REPORTED DURING THE PAST 33 HOURS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL. OSO 7
EUV AND LONG X-RAY DATA INDICATES THAT OLD RGNS 158 AND 159 ARE
RETURNING ON THE EAST LIMB AT N12 AND S05 RESPECTIVELY. EARLY INDICA-
TIONS ARE THAT RGN 159 HAS GROWN SINCE WEST LIMB TRANSIT; AN H-
TYPE SPOT HAS BEEN REPORTED AT S05E85. RGN 158 APPEARS NOT TO HAVE
GROWN OR DECLINED SINCE ITS WEST LIMB PASSAGE, BUT AS YET NO SPOTS
HAVE BEEN REPORTED HERE. THIS FIELD HAS BEEN PRESENT AS AN ACTIVE
REGION FOR THE LAST SEVEN SOLAR ROTATIONS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO MILDLY ACTIVE SINCE
0300Z. UNSETLED CONDITIONS ARE EXPECTED TO CONTINUE THROUGHOUT THE
FORECAST PERIOD.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 251300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 206B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 25 JULY 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW, WITH NO FLARES REPORTED TODAY.
THE SURGE ACTIVITY OBSERVED ON THE EAST LIMB AT S06 AND N10 MAY
HERALD THE RETURN OF OLD REGIONS 159 AND 158. THE REMAINDER OF THE
DISK, WITH ONLY ONE SPOT GROUP PRESENT, HAS BEEN UNIMPRESSIVE AND
QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE, AND IS EXPECTED
TO REMAIN SO THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 25 JUL - 27 JUL

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JUL 79

PREDICTED 25 JUL - 27 JUL 80/81/83

90-DAY MEAN 24 JUL 93

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JUL 13

ESTIMATED 24 JUL 05

PREDICTED 25 JUL - 27 JUL 12/15/15

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 206

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL
ACTIVITY ISSUED 2200Z 25 JUL 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH NO FLARES REPORTED
IN THE LAST 48 HOURS. REGION 177 (S06E77) HAS AN "H" SPOT,
BUT NOT ALL OF THE PLAGE IS VISIBLE. AT PRESENT IT APPEARS
INACTIVE. LIMB ACTIVITY AT N10 E LIMB PROBABLY HERALDS THE
RETURN OF REGION 158 (NEW REGION 176).

IB. ACTIVITY WILL REMAIN LOW, BUT PROBABILITY WILL INCREASE
IF 176 PROVES TO BE ACTIVE.

II. THE GEOMAGNETIC FIELD IS UNSETLED BUT SHOULD BE ACTIVE
26-27 JULY.

III. EVENT PROBABILITIES 26-28 JULY

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JULY 81

PREDICTED 26-28 JULY 83/85/87

90-DAY MEAN 25 JULY 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JULY 7

ESTIMATED 25 JULY 13

PREDICTED 26-28 JULY 18/18/12

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