

HFUS 1 BOU 200600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 201A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 20 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. ONLY ONE C-CLASS SUBFLARE HAS BEEN OBSERVED DURING THE PAST 8 HOURS. THAT SUBFLARE WAS REPORTED IN REGION 442(S10W37). REGION 442 APPEARS TO BE DECAYING NOW, AND ALL OTHER REGIONS APPEAR STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW DURING THE NEXT 24 HOURS. OLD REGION 435 IS DUE BACK OVER THE EAST LIMB DURING THIS PERIOD, BUT EARLY INDICATIONS ARE THAT IT WILL NOT BE PARTICULARLY DYNAMIC UPON ITS RETURN.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET DURING THE PAST 8 HOURS. QUIET TO MILDLY UNSETTLED CONDITIONS ARE EXPECTED DURING 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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HFUS 1 BOU 201400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 201B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 20 JULY 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. A NEW REGION IS EMERGING NEAR
N06E60. MINOR SURGING HAS BEEN OCCURRING BETWEEN SE05-15. DISK
REGIONS ARE STABLE AND/OR DECLINING.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. ACTIVITY THUS FAR
INDICATES OLD REGION 435 IS NOT RETURNING DYNAMICALLY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. IT IS EXPECTED TO
REMAIN SO FOR THE BALANCE OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 20 - 22 JULY

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 JULY 84

PREDICTED 20 - 22 JULY 83/85/85

90-DAY MEAN 19 JULY 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 JULY 06

ESTIMATED AFR/AP 19 JULY 06/07

PREDICTED AFR/AP 20 -22 JULY 07/08 - 09/10 - 11/12

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HFUS BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 201

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 20 JULY 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH THREE NON-ENERGETIC
SUBFLARES REPORTED DURING THE PAST 24 HOURS. REGION 438 (S08W90)
IS PRODUCING MINOR SURGES AS IS REGION 451 (S09E80), WHICH
IS OLD REGION 435. OTHER DISK REGIONS ARE SIMPLE AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. THE LEADING
EDGE OF OLD REGION 433 WILL BE CROSSING EAST LIMB ON 23 JULY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. IT IS
EXPECTED TO REMAIN UNSETTLED, BECOMING ACTIVE 23 JULY.

III. EVENT PROBABILITIES 21 - 23 JULY

CLASS M 01/01/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 JULY 84

PREDICTED 21 - 23 JULY 81/80/82

90-DAY MEAN 20 JULY 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 JULY 06

ESTIMATED AFR/AP 20 JULY 08/10

PREDICTED AFR/AP 21 - 23 JULY 09/11 - 11/13 - 15/18

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