

HFUS 1 BOU 190600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 200A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 19 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. A FEW NON ENERGETIC SUBFLARES
HAVE BEEN OBSERVED. REGION 445 (S04W23) AT 18/1500Z HAD NO SPOTS
VISIBLE IN H ALPHA BUT AT 18/2000Z SPOTS WERE ONCE AGAIN VISIBLE.
THE DEKAMETRIC CONTINUUM MENTIONED IN SDF 199 ENDED AT ABOUT
19/0030Z. THE SOURCE IS STILL UNKNOWN.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL DURING THE NEXT 24
HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 8 HOURS.
QUIET TO UNSETTLED CONDITIONS WILL CONTINUE 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 191400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 200B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 19 JULY 1974

IA. SOLAR ACTIVITY REMAINS GENERALLY LOW. AT 19/0807Z A PROMINENCE
ERUPTED ON THE EAST LIMB AT S13, EXTENDING TO A MAXIMUM OF .13
SOLAR RADIUS. NO ASSOCIATED SWFS HAVE BEEN REPORTED.

IB. REGIONS CURRENTLY ON THE VISIBLE DISK ARE EXPECTED TO CONTINUE
TO PRODUCE VERY LOW LEVELS OF ACTIVITY, BUT A LARGE REGION WITH
ENERGETIC POTENTIAL COULD ROUND THE EAST LIMB WITHIN 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET TO MILDLY
UNSETTLED CONDITIONS ARE EXPECTED THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 19 - 21 JUL

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 JUL 84

PREDICTED 19 - 21 JUL 81/79/78

90-DAY MEAN 18 JUL 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 JUL 08

ESTIMATED AFR/AP 18 JUL 06/08

PREDICTED AFR/AP 19 - 21 JUL 08/09 - 09/10 - 11/12

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HFUS BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 200

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 19 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH THREE NON-ENERGETIC
SUBFLARES REPORTED DURING THE PAST 24 HOURS. REGIONS 438
(S08W72) AND 443 (S12E06) HAVE BEEN STABLE. MINOR INTENSITY
FLUCTUATIONS HAVE OCCURRED IN REGIONS 442 (S10W34) AND 445
(S04W37). AN ACTIVE PROMINENCE (S13E90) PARTIALLY ERUPTED,
AND THEN TOTALLY DISSIPATED, BETWEEN 0715-0840Z. NO OTHER
ACTIVITY HAS BEEN REPORTED TO SUBSTANTIATE AN ACTIVE RETURN OF
OLD REGION 435.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO
BE QUIET TO UNSETTLED.

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 04/06

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

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