

HFUS 1 BOU 120600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 193A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 12 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST SIX HOURS.
MINOR FLUCTUATIONS AND POINT BRIGHTENINGS HAVE BEEN NOTED IN RGN
438 (S08E35) WHILE LITTLE ELSE ON THE DISK HAS OCCURRED. DEPARTING
RGN 437 (S15W81) PRODUCED A SMALL LIMB EVENT (EPL) NEAR 120110Z.
NO OTHER ACTIVITY OR CHANGES HAVE BEEN REPORTED.

IA. SOLAR ACTIVITY SHOULD REMAIN AT A LOW LEVEL FOR THE NEXT
24 HOURS.

II. THE GEOMAGNETIC FIELD IS UNSETTLED TO SLIGHTLY ACTIVE AND NO
CHANGE IS EXPECTED.

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 121400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 193B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 12 JULY 1974

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. ONLY ONE
NON-ENERGETIC SUBFLARE FROM REGION 438(S08E32) HAS BEEN OBSERVED.
THE DISK IS QUIET AND THE LIMBS ARE QUIET AND STABLE.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD CONTINUES TO BE SLIGHTLY DISTURBED.
THE DISTURBED CONDITIONS WILL CONTINUE AT SUB STORM LEVEL DURING
THE NEXT 24 HOURS AND THEN START TO DECLINE.

III. EVENT PROBABILITIES 13 JULY - 15 JULY

CLASS M 20/10/10

CLASS X 10/05/05

PROTON 05/03/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 JULY 80

PREDICTED 12 JULY-14 JULY 79/78/78

90-DAY MEAN 11 JULY 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 JULY 18

ESTIMATED AFR/AP 11 JULY 13/14

PREDICTED AFR/AP 12 JULY-14 JULY 14/16 - 9/10 - 8/9

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HFUS BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 193

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 12 JULY 1974

1A. SOLAR ACTIVITY HAS BEEN VERY LOW WITH TWO NON-ENERGETIC SUB-
FLARES REPORTED. REGION 438 (S08 E19) IS DOMINATED BY A LARGE
LEADER SPOT. A REGION IS EMERGING NEAR S13 E59.

1B. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. SMALL NON-
ENERGETIC FLARES ARE EXPECTED FROM REGION 438 AND THE EMERGING
REGION.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE. IT IS EXPECTED TO BE
UNSETTLED TO SLIGHTLY ACTIVE FOR THE NEXT 24-36 HOURS AND THEN
BECOME UNSETTLED.

III. EVENT PROBABILITIES 13 - 15 JUL

CLASS M 02/01/01

CLASS X 01/01/01

PROTON 02/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 JUL 81

PREDICTED 13 - 15 JUL 80/80/80

90-DAY MEAN 12 JUL 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 JUL 14

ESTIMATED AFR/AP 12 JUL 15/18

PREDICTED AFR/AP 13 15 JUL 12/15 - 09/10 - 08/09

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