

HFUS 1 BOU 220500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 234A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 22 AUGUST 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. NO SIGNIFICANT CHANGES HAVE OCCURRED ON THE VISIBLE DISK.

IB. ACTIVITY IS EXPECTED TO CONTINUE AT LOW LEVELS.

II. THE MINOR GEOMAGNETIC STORM CONTINUES. STORM CONDITIONS DURING LOCAL NIGHTTIME, WITH OCCASSIONAL PRONOUNCED SUBSTORM ACTIVITY, ARE EXPECTED TO PERSIST FOR AT LEAST 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 221400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 234B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 22 AUGUST 1974

IA. A SLIGHT RISE IN ACTIVITY DURING THE PAST 6 HOURS AS AR476
(S12W40) DEVELOPS IN SIZE AND BRIGHTNESS. AR 476 HAS PRODUCED
SEVEN NON-ENERGETIC FLARES (SN OR SF) SINCE 0400Z. OTHER REGIONS
QUIET.

IB. CONTINUED GROWTH IN AR 476 IS EXPECTED DURING THE NEXT 18
HOURS, WITH AN INCREASED PROBABILITY OF M INTENSITY FLARES.

II. THE MINOR GEOMAGNETIC STORM IS EXPECTED TO CONTINUE FOR 24
HOURS WITH DISTURBED CONDITIONS FOR ANOTHER 48 HOURS.

III. EVENT PROBABILITIES 23 - 25 AUGUST 74

CLASS M 20/25/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 AUG 81

PREDICTED 23 - 24 AUGUST 83/85/83

90-DAY MEAN 21 AUGUST 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 AUGUST 41

ESTIMATED AFR/AP 21 AUGUST 30/42

PREDICTED AFR/AP 22 - 24 AUGUST 30/42 - 20/24 - 16/20

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HFUS BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 234

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 22 AUG 1974

IA. SOLAR ACTIVITY HAS BEEN AT LOW LEVEL WITH AR 476 (S11W45) THE
ONLY REGION PRODUCING FLARES, THE LARGEST A C3 (SF) AT 1749Z.

IB. NO RETURNING REGIONS EXPECTED. AR 476 SHOULD CONTINUE AS MOST
ACTIVE WITH SLIGHTLY INCREASED PROBABILITIES FOR AN M EVENT
IN THE NEXT 3 DAYS.

II. THE MINOR GEOMAGNETIC STORM APPEARS NEAR AN END, HOWEVER DIS-
TURBED CONDITIONS SHOULD CONTINUE FOR NEXT FEW DAYS.

III. EVENT PROBABILITIES 23-25 AUGUST

CLASS M 20/25/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 AUGUST 79

PREDICTED 23-25 AUGUST 82/84/84

90-DAY MEAN 22 AUGUST 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 AUGUST 33

ESTIMATED AFR/AP 22 AUGUST 32/46

PREDICTED AFR/AP 23-25 AUGUST 20/24 - 16/20 - 16/20

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