

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  
SOLTERWARN  
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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  
SOLTERWARN  
BT