

HFUS 1 BOU 080600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 220A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 08 AUGUST 1974

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

IB. ACTIVITY IS EXPECTED TO REMAIN AT LOW LEVELS.

II. THE GEOMAGNETIC FIELD CONTINUES TO BE ACTIVE. ACTIVE TO MINOR  
STORM CONDITIONS ARE EXPECTED IN RESPONSE TO RECURRENT SECTOR  
STRUCTURES.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 AUGUST 15

ESTIMATED AFR/AP 07 AUGUST 18/24

PREDICTED AFR/AP 08-10 AUGUST 23/30 - 18/21 - 17/19

SOLTERWARN

SPAN

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HFUS 1 BOU 081400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 220B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL  
ACTIVITY ISSUED 1400Z 08 AUGUST 1974

IA. SOLAR ACTIVITY CONTINUED VERY LOW DURING THE LAST 24 HOURS  
WITH ACTIVITY LIMITED TO THREE SMALL, NON-ENERGETIC SUBFLARES.  
NONE OF THE REGIONS ON THE DISK SHOW ANY SIGNIFICANT GROWTH  
OR INDIVIDUAL COMPLEXITY, BUT THE PROXIMITY OF THE THREE  
REGIONS 461(S09E26), 462(S06E38), AND 464(S14E35) RESULTS  
IN A RELATIVELY COMPLEX, LARGER-SCALE MAGNETIC STRUCTURE IN  
THE SE QUADRANT.

IB. THE POSSIBILITY OF INTERACTION BETWEEN THE REGIONS MENTIONED  
ABOVE HAS RESULTED IN SLOWLY INCREASING PROBABILITIES OF SMALL  
CLASS M EVENTS, ALTHOUGH SOLAR ACTIVITY SHOULD CONTINUE VERY LOW  
FOR THE NEXT 24 TO 48 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE LAST 24  
HOURS WITH NEAR MINOR STORM CONDITIONS AT HIGH LATITUDES.  
THE DISTURBANCE SHOULD DECREASE SLOWLY, BUT ACTIVE CONDITIONS  
ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 AUG - 10 AUG

CLASS M 10/15/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 AUG 84

PREDICTED 08 AUG- 10 AUG 86/86/85

90-DAY MEAN 07 AUG 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 AUG 15

ESTIMATED AFR/AP 07 AUG 18/24

PREDICTED AFR/AP 08 AUG- 10 AUG 23/30 - 18/21 - 17/19

SOLTERWARN

SPAN

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HFUS BOU 082200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 220  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 08 AUGUST 1974  
IA. SOLAR ACTIVITY CONTINUES VERY LOW. TINY SUBFLARES HAVE  
OCCURRED IN THE VICINITY OF THE LARGE SUNSPOT (REGION 461  
S09E22) ACCOMPANIED BY TYPE III RADIO BURSTS. TINY SUNSPOTS AND  
PLAGE ELEMENTS HAVE DEVELOPED AROUND THE SPOT. NO SIGNIFICANT  
CHANGE IN THE OTHER SMALL REGIONS. A FAINT SUBFLARE AT 1735Z  
IN REGION 465 (S05E51) WAS ACCOMPANIED BY A LONG-LIVED WEAK  
X-RAY ENHANCEMENT.  
IB. A RETURNING REGION AT SOUTHEAST LIMB ON 10 AUGUST WILL  
NOT CAUSE ANY SIGNIFICANT INCREASE IN ACTIVITY. NO ENERGETIC  
EVENTS WILL OCCUR UNLESS THERE IS SIGNIFICANT GROWTH IN THE  
COMPLEX OF REGIONS IN THE SOUTHEAST QUADRANT.  
II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO UNSETTLE DURING  
THE PAST 24 HOURS. SIMILAR CONDITIONS WILL PREVAIL FOR TWO  
MORE DAYS BEFORE A PERIOD OF RELATIVE QUIET BEGINS.  
III. EVENT PROBABILITIES 09 - 11 AUGUST  
CLASS M 05/05/05  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 08 AUGUST 87  
PREDICTED 09 - 11 AUGUST 85/84/86  
90-DAY MEAN 08 AUGUST 87  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 07 AUGUST 19  
ESTIMATED AFR/AP 08 AUGUST 17/22  
PREDICTED AFR/AP 09 - 11 AUGUST 16/18 - 16/18 - 10/12  
SOLTERWARN  
SPAN  
BT