

HFUS 1 BOU 180500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 231A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 18 AUGUST 1976

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. NO FLARES  
HAVE BEEN REPORTED DURING THE PAST 7 HOURS. REGION 729 (S02W28)  
HAS GROWN IN WHITE LIGHT AND APPEARS TO HAVE ARCH FILAMENTS  
EMBEDDED IN IT. ALSO, A REGION IS NOW REPORTED CROSSING THE SOUTHEAST  
LIMB.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW. REGION 729  
CAN BE EXPECTED TO PRODUCE OCCASIONAL C-CLASS FLARES.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 7 HOURS.  
THE FIELD IS EXPECTED TO CONTINUE QUIET TO MILDLY UNSETTLED  
THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 18 AUGUST - 20 AUGUST 1976

CLASS M 25/20/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 AUGUST 76

PREDICTED 18-20 AUGUST 77/78/79

90-DAY MEAN 17 AUGUST 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 AUGUST 08

ESTIMATED AFR/AP 17 AUGUST 05/06

PREDICTED AFR/AP 18-20 AUGUST 05/07 - 05/07 - 05/07

SOLTERWARN

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HFUS 1 BOU 181430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 231-B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 18 AUG 1976  
IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. REGION 729  
(S02W33) CONTINUES TO DEVELOPE IN SPOT AREA BUT HAS FAILED TO  
PRODUCE ANY SIGNIFICANT ACTIVITY THUS FAR. ATHENS REPORTS  
A TINY BIT OF FAIRLY BRIGHT PLAGE NEAR SE-10.  
IB. SOLAR ACTIVITY SHOULD REMAIN AT A LOW LEVEL. REGION 729  
RETAINS ITS POTENTIAL FOR CLASS "C" AND POSSIBLY AN ISOLATED  
"M" CLASS FLARE.  
II. THE GEOMAGNETIC FIELD IS QUIET TO SLIGHTLY UNSETTLED AND NO  
CHANGE IS EXPECTED.  
III. EVENT PROBABILITIES 18 - 20 AUG  
CLASS M 25/20/15  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 17 AUG 76  
PREDICTED 18 - 20 AUG 77/78/79  
90-DAY MEAN 17 AUG 71  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 16 AUG 08  
ESTIMATED AFR/AP 17 AUG 05/06  
PREDICTED AFR/AP 18 - 20 AUG 05/07 - 05/07 - 05/07  
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91217 10230 20760 30050 4////  
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80618 77773 32702 QUIET  
SOLQUIET MAGQUIET  
FIN  
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HFUS 1 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 231

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 18 AUG 1976

IA. SOLAR ACTIVITY HAS INCREASED SLIGHTLY DURING THE PAST 24 HOURS. REGION 730 (S12E79) PRODUCED A SUBNORMAL FLARE AT 181843 U.T. THAT WAS ACCOMPANIED BY AN M2 X-RAY BURST, A CM GREAT BURST (1600 F.U. AT 245 MHZ) AND SWF TO 15 MHZ. SEVERAL SMALLER X-RAY BURST HAVE ALSO BEEN NOTED DURING THE PAST 24 HOURS. REGION 730 IS STILL TOO NEAR THE LIMB FOR ITS COMPLEXITY TO BE DETERMINED. REGION 729 (S02W36) HAS SLOWED CONSIDERABLY IN ITS DRAMATIC GROWTH AND REMAINS A MODERATE SIZE "D" GROUP.

IB. SOLAR ACTIVITY MAY INCREASE FURTHER AS REGION 730 ROTATES FURTHER ONTO THE DISK. REGION 729 ALSO APPEARS CAPABLE OF SIGNIFICANT ACTIVITY.

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

III. EVENT PROBABILITIES 19 - 21 AUG

CLASS M 25/25/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 AUG 76

PREDICTED 19 - 21 AUG 77/77/78

90-DAY MEAN 18 AUG 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 AUG 05

ESTIMATED AFR/AP 18 AUG 05/05

PREDICTED AFR/AP 19 - 21 AUG 06/07 - 06/07 - 08/10

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