

HFUS 1 BOU 170500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 230A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 17 AUGUST 1976

IA. REGION 729 (S02W15) CONTINUES A SLOW GROWTH. RUDIMENTARY  
PENUMBRA IS REPORTED ON THE FOLLOWER-DOMINANT SPOT GROUP OF  
SIMPLE BIPOLAR STRUCTURE. NO SIGNIFICANT X-RAY INCREASE HAS  
BEEN OBSERVED.

IB. NO SIGNIFICANT INCREASE IN ACTIVITY IS EXPECTED FROM THIS  
SIMPLE ACTIVE REGION.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO QUIET DURING  
THE PAST 12 HOURS. GENERALLY QUIET CONDITIONS SHOULD CONTINUE  
THROUGH THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 17-19 AUGUST

CLASS M	01/01/01
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	16 AUGUST 71
PREDICTED	17-19 AUGUST 70/70/70
90-DAY MEAN	16 AUGUST 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	15 AUGUST 02
ESTIMATED AFR/AP	16 AUGUST 07/09
PREDICTED AFR/AP	17-19 AUGUST 05/05 - 05/05 - 08/05
SOLTERWARN	

BT

HFUS 1 BOU 171430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 230-B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 17 AUG 1976

IA. SOLAR ACTIVITIY IS AT A VERY LOW LEVEL. REGION 729 (S02W20)  
IS GROWING IN BOTH SPOT AREA AND NUMBER. THE H-ALPHA PLAGE IS  
AT INTENSITY 3 AND HAS AN ARCH FILAMENT SYSTEM. THE REST OF THE  
DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY SHOULD REMAIN AT A VERY LOW LEVEL BUT CONTINUED  
DEVELOPMENT IN REGION 729 WOULD PROBABLY ALTER THAT OUTLOOK.

II. THE GEOMAGNETIC FIELD IS QUIET AND QUIET TO SLIGHTLY UNSETLED  
CONDITITON SHOULD PERSIST THROUGHTOU THE PERIOD.

III. EVENT PROBABILITIES 17 - 19 AUG

CLASS M 20/10/05  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX  
OBSERVED 16 AUG 71  
PREDICTED 17 - 19 AUG 70/70/70  
90-DAY MEAN 16 AUG 71

V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 15 AUG 02  
ESTIMATED AFR/AP 16 AUG 07/09  
PREDICTED AFR/AP 17 - 19 AUG 05/05 - 05/05 - 08/05  
SOLTERWARN.

GEOALERT WWA 230 170300  
91216 10190 20710 30070 4///  
31302 00000  
80617 77773 31302 QUIET  
SOLQUIET MAGQUIET  
FIN  
SOLTERWARN

HFUS 1 BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 230

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 17 AUG 1976

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL; HOWEVER, REGION 729 (S02W26) IS BECOMING MORE IMPRESSIVE. IMPULSIVE, SHORT LIVED, SUB-C X-RAY BURST HAVE BEEN QUITE FREQUENT THROUGHOUT THE DAY. THE SPOT GROUP IS NOW A "D" TYPE AND THE 2800 MHZ EAST-WEST SOLAR SCAN SHOWS A MARKED INCREASE IN OUTPUT FROM THIS REGION SINCE YESTERDAY. THE REST OF THE DISK IS QUIET.

IB. THE CHANGES AND BEHAVIOR OF 729 DURING THE PAST 24 HOURS WOULD INDICATE THAT SIGNIFICANT X-RAY ACTIVITY IS VERY LIKELY DURING THE COMING 24 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET TO SLIGHTLY UNSETLED 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 77/77/78

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

SOLTERWARN

BT