

HFUS 1 BOU 190500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 232-A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 19 AUG 76

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW SINCE THE M2 EVENT OF  
18/1840Z. REGION 730(S12E73) IS NOW FULLY ONTO THE VISIBLE DISK AS A  
TYPE C SPOT GROUP WITH BRILLIANT FLUCTUATING PLAGE. SURGE-LIKE  
FLARES AT 18/2210Z AND 19/0026Z WITH MINOR X-RAY BURSTS ALSO  
ORIGINATED FROM THIS REGION. GROWTH AND ACTIVITY HAVE DIMINISHED  
IN THE MODERATE-SIZED AND SIMPLE BIPOLAR REGION 729(S03W42).

IB. ACTIVITY MAY OCCUR AT THE RATE OF SEVERAL CLASS C EVENTS AND  
PERHAPS A SINGLE CLASS M PER DAY. AN ACCURATE EVALUATION OF REGION  
730 MUST AWAIT ANOTHER DAY OF OBSERVATION.

II. THE GEOMAGNETIC FIELD HAS REMAINED QUIET FOR THE PAST 24 HOURS.  
QUIET CONDITIONS ARE EXPECTED TO PERSIST THROUGHOUT THE FORECAST  
PERIOD.

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

SOLTERWARN

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HFUS 1 BOU 191430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 232-B/  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 19 AUG 1976  
IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW WITH THREE C-CLASS  
X-RAY EVENTS RECORDED SINCE 0500Z. REGION 729 (S03W47) HAS BEEN  
GENERALLY STABLE WITH ONLY MINOR FLUCTUATIONS. REGION 730  
(S11E70) STILL HAS NOT ROTATED FAR ENOUGH ONTO THE DISC FOR  
ACCURATE EVALUATION. THE REGION APPEARS STABLE WITH FLUCTUATIONS.  
IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE THROUGH THE  
FORECAST PERIOD. ACTIVITY SHOULD CONSIST OF SEVERAL C-CLASS  
EVENTS PER DAY AND PERHAPS A SINGLE M-CLASS EVENT PER DAY.  
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED THE PAST  
8 HOURS. GENERALLY QUIET CONDITIONS ARE EXPECTED 19 AND 20  
AUG WITH OCCASIONAL UNSETTLED PERIODS DURING LOCAL NIGHTTIME.  
UNSETTLED CONDITIONS ARE EXPECTED 21 AUG.  
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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GEOALERT WWA232 190300  
91218 10371 20761 30050 4////  
33902 01000 27512 02110  
80619 77773 33902 QUIET 27512 ERUPTIVE  
SOLQUIET MAGQUIET  
FIN  
SOLTERWARN



HFUS 1 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 232

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 19 AUG 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. REGION 729 (S02W54) APPEARS TO HAVE PASSED ITS PEAK ACTIVITY POTENTIAL AND IS NOW STABLE WITH ONLY MINOR FLUCTUATIONS. REGION 730 (S11E66) REMAINS DIFFICULT TO ANALYZE BECAUSE OF POOR SEEING AT MOST OBSERVATORIES SINCE 1500Z. AT LAST REPORT, RAMEY INDICATED A U SHAPED NEUTRAL LINE OPEN TO THE NORTH AROUND THE LEADER SPOT WITH SOME KINKS BETWEEN THE SPOTS. CALCIUM PHOTOS SHOW A RATHER LARGE PLAGE AREA EXTENDING E-W TO THE LIMB. APPEARANCES THUS FAR INDICATE THE REGION MAY STILL HAVE POTENTIAL FOR M-CLASS ACTIVITY.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW WITH SEVERAL C-CLASS EVENTS PER DAY AND PERHAPS A SINGLE M-CLASS EVENT PER DAY.

III. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 24 HOURS. A SLIGHT INCREASE IN ACTIVITY IS EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 20 AUG - 22 AUG

CLASS M 25/25/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 AUG 74

PREDICTED 20-22 AUG 75/76/77

90-DAY MEAN 19 AUG 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 AUG 05

ESTIMATED AFR/AP 19 AUG 05/05

PREDICTED AFR/AP 20-22 AUG 06/07 - 08/10 - 08/10

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