

HFUS 1 BOU 190425  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 293A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 19 OCTOBER 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.  
A VERY SMALL X-RAY EVENT WAS OBSERVED AT 19/0212Z. NO FLARES OR  
OTHER ACTIVITY HAVE BEEN OBSERVED. THE DISK REGIONS APPEAR STABLE.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.  
II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST EIGHT  
HOURS AND IS EXPECTED TO BE UNSETTLED TO SLIGHTLY ACTIVE DURING  
THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 19 OCTOBER - 21 OCTOBER

CLASS M            01/01/01

CLASS X            01/01/01

PROTON            01/01/01

PCAF              GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED            18 OCTOBER 78

PREDICTED          19-21 OCTOBER 78/78/78

90-DAY MEAN        18 OCTOBER 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 OCTOBER 29

ESTIMATED AFR/AP    18 OCTOBER 20/20

PREDICTED AFR/AP    19-21 OCTOBER 15/20 - 13/15 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 191430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 293-B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 19 OCT 1976

IA. SOLAR ACTIVITY REMAINS VERY LOW. FOUR SIGNIFICANT ACTIVE REGIONS ARE ALL SIMPLE AND DECREASING IN SPOT AREA AND/OR PLAGE AREA. A SMALL X-RAY FLARE OCCURRED AT 1339Z IN REGION 752 (S27W39).

IB. NO ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED FOR THE PAST 12 HOURS. UNSETTLED CONDITIONS ARE EXPECTED MOST OF THE NEXT 24 HOURS BEFORE QUIET CONDITIONS PREVAIL.

III. EVENT PROBABILITIES 19 OCTOBER - 21 OCTOBER

CLASS M            01/01/01

CLASS X            01/01/01

PROTON            01/01/01

PCAF              GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED            18 OCTOBER 78

PREDICTED          19-21 OCTOBER 78/78/78

90-DAY MEAN        18 OCTOBER 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG    17 OCTOBER 29

ESTIMATED AFR/AP      18 OCTOBER 20/20

PREDICTED AFR/AP       19-21 OCTOBER 15/20 - 13/15 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 192200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 293  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 19 OCTOBER 1976

IA. SOLAR ACTIVITY INCREASED SLIGHTLY WITH A SERIES OF FLARES IN REGION 752 (S26W45). THE LARGEST WAS C2 X-RAY CLASS AND NEAR IMPORTANCE 1 IN AREA AT 1701Z. THIS REGION HAS THE ONLY SUNSPOTS ON THE DISK AND THEY HAVE DECLINED TO A SMALL TYPE E. THERE ARE FOUR SMALL UNSPOTTED REGIONS ON THE DISK. RADIO CORONA IS SLIGHTLY ENHANCED AT EAST LIMB.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW WITH ISOLATED SUBFLARES IN REGION 752. THE RETURN OF REGIONS AT EAST LIMB IN BOTH HEMISPHERES ON 21-22 OCTOBER WILL RAISE THE FLUX LEVEL AND POSSIBLY INCREASE SPOT AND SUBFLARE ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BECOME MOSTLY QUIET DURING THE PAST 24 HOURS. QUIET CONDITIONS SHOULD DOMINATE THIS FORECAST PERIOD. A CORONAL HOLE HAS BEEN DETECTED NEAR CENTRAL MERIDIAN AT S20 IN A NEGATIVE-POLARITY REGION. SOLAR WIND FROM THIS SOURCE SHOULD NOT REACH EARTH UNTIL AFTER THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 20 OCTOBER - 22 OCTOBER

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

IV. OTTAWA 10.7 CM FLUX

OBSERVED	19 OCTOBER 77
PREDICTED	20-22 OCTOBER 77/78/80
90-DAY MEAN	19 OCTOBER 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	18 OCTOBER 19
ESTIMATED AFR/AP	19 OCTOBER 04/07
PREDICTED AFR/AP	20-22 OCTOBER 10/10 - 08/10 - 10/10
SOLTERWARN	
BT	