

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

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