

HFUS 1 BOU 270600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 300A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 27 OCTOBER 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
THERE ARE NO SPOTS ON THE VISIBLE DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED DURING THE
PAST EIGHT HOURS IT IS EXPECTED THAT THE FIELD WILL BE QUIET
DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 27 OCTOBER - 29 OCTOBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 OCTOBER 073

PREDICTED 27 - 29 OCTOBER 073/073/073

90-DAY MEAN 26 OCTOBER 082

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 OCTOBER 02

ESTIMATED AFR/AP 26 OCTOBER 04/04

PREDICTED AFR/AP 27 - 29 OCTOBER 04/04 - 06/06 - 06/06

SOLTERWARN

BT

HFUS 1 BOU 271430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 300B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 27 OCT 75

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST NINE
HOURS, AND NO ENERGETIC EVENTS HAVE BEEN REPORTED. A SMALL NEW
BIPOLAR REGION HAS EMERGED AT S07E38.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO CONTINUE.
OLD REGION 657, BELIEVED TO EXHIBIT A NEW-CYCLE MAGNETIC CON-
FIGURATION, IS DUE TO RETURN TO THE EAST LIMB NEAR N33 DURING
THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS REMAINED QUIET DURING THE PAST
NINE HOURS. QUIET GEOMAGNETIC CONDITIONS ARE EXPECTED DURING THE
REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 27-29 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 OCT 73

PREDICTED 27-29 OCT 73/73/73

90-DAY MEAN 26 OCT 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 OCT 02

ESTIMATED AFR/AP 26 OCT 04/04

PREDICTED AFR/AP 27-29 OCT 04/04 - 06/06 - 06/06

SOLTERWARN

BT

GEOALERT WWA 300 270300

91226 10000 20730 30040 49800

80627 77773 SPOTNIL

SOLQUIET MAGQUIET

FIN

SOLTERWARN

HFUS 1 BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 300

PRIMARY

JOINT AFGWC/SESC ~~SECONDARY~~ REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 27 OCT 75

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 24 HOURS. A SMALL NEW REGION HAS APPEARED AT S07E37 AND CONTAINS A WEAK ARCH FILAMENT SYSTEM. A SMALL B-TYPE SPOT GROUP WAS REPORTED IN THIS NEW REGION AT 27/0500Z BUT NO SPOTS HAVE BEEN OBSERVED THERE DURING THE PAST SEVERAL HOURS. AN ERUPTIVE PROMINENCE OCCURRED AT N45E90 AT 27/1330-1450Z. THIS ERUPTIVE PROMINENCE WAS OBSERVED TO AT LEAST 0.3 SOLAR RADII BEYOND THE LIMB, BUT NO RADIO BURSTS OR X-RAY EVENTS WERE OBSERVED DURING THE EVENT. IT IS NOT KNOWN WHETHER THE ERUPTIVE PROMINENCE WAS IN ANY WAY RELATED TO OLD REGION 657, DUE TO RETURN AT N33E90 DURING THE NEXT 24 HOURS.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED DURING THE NEXT THREE DAYS. ADDITIONAL MINOR LIMB EVENTS MAY OCCUR NEAR N33E90 IF OLD REGION 657 IS STILL ACTIVE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 24 HOURS. GENERALLY QUIET CONDITIONS ARE LIKELY FOR THE NEXT 48 HOURS, FOLLOWED BY UNSETTLED CONDITIONS.

III. EVENT PROBABILITIES 28-30 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 OCT 73

PREDICTED 28-30 OCT 73/74/75

90-DAY MEAN 27 OCT 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 OCT 04

ESTIMATED AFR/AP 27 OCT 04/05

PREDICTED AFR/AP 28-30 OCT 06/06 - 06/06 - 07/08

SOLTERWARN

BT