

HFUS 1 BOU 180450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 261A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 18 SEPTEMBER 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS WITH
NO FLARES REPORTED. REGION 649 (N09E01) CONTINUES TO GROW SLOWLY,
PARTICULARLY IN WHITE LIGHT, BUT REMAINS A SIMPLE BIPOLAR GROUP.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ESSENTIALLY UNSETTLED DURING
THE PAST 8 HOURS. THE FIELD IS EXPECTED TO BECOME MILDLY ACTIVE
EARLY IN THE PERIOD WITH ACTIVITY DIMINISHING TO UNSETTLED LEVELS
AT THE END OF THE PERIOD.

III. EVENT PROBABILITIES 18 SEPTEMBER - 20 SEPTEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 SEPT 74

PREDICTED 18 SEPT - 20 SEPT 75/75/75

90-DAY MEAN 17 SEPT 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 SEPT 05

ESTIMATED AFR/AP 17 SEPT 11/11

PREDICTED AFR/AP 18 SEPT - 20 SEPT 15/15 - 17/17 - 10/11

SOLTERWARN

BT

HFUS 1 BOU 181430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 261 B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 18 SEPT 1975.

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST NINE
HOURS, AND NO SIGNIFICANT ENERGETIC ACTIVITY HAS BEEN REPORTED.
REGION 649 (N09W04) HAS CONTINUED TO DEVELOP SLOWLY BUT REMAINS
STRUCTURALLY SIMPLE. OTHER REGIONS ARE UNIMPRESSIVE.

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

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET AT BOULDER
DURING THE PAST NINE HOURS. GENERALLY UNSETTLED CONDITIONS ARE
EXPECTED DURING THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 18-20 SEPT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 SEPT 74

PREDICTED 18-20 SEPT 75/75/75

90-DAY MEAN 17 SEPT 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 SEPT 05

ESTIMATED AFR/AP 17 SEPT 11/11

PREDICTED AFR/AP 18-20 SEPT 12/13 - 11/12 - 10/11

SOLTERWARN

BT

GEOALERT WWA261 180300
91217 10301 20740 30110 40010
37708 00000 10309 00000
80618 77773 37708 QUIET 10309 QUIET
SOLQUIET MAGALERT MINOR 18/19
FIN
SOLTERWARN

HFUS BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 261

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 18 SEPT 75

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 24 HOURS.
REGION 649 (N09W08) HAS DEVELOPED IN WHITE LIGHT AND H-ALPHA AND
NOW CONTAINS A SMALL SPOT GROUP ACCOMPANIED BY ENHANCED PLAGE.

AT 18/1419Z THE MOUNT WILSON OBSERVATORY OBSERVED A WEAK DELTA
CONFIGURATION FORMED BY A SMALL UMBRA OF LEADING POLARITY LOCATED
WITHIN THE PENUMBRA OF THE EASTERN, PREDOMINANTLY-TRAILING-POLARITY
SPOT OF REGION 649.

THERE IS SOME DOUBT ABOUT WHETHER THIS DELTA CONFIGURATION STILL
EXISTS.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO CONTINUE
THROUGH THE FORECAST PERIOD. REGION 649 PRESENTLY DOES NOT APPEAR
TO BE DEVELOPING SUFFICIENT COMPLEXITY FOR PRODUCING SIGNIFICANT
ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO ACTIVE DURING THE PAST
24 HOURS. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED THROUGH THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 19-21 SEPT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 SEPT 76

PREDICTED 19-21 SEPT 75/75/75

90-DAY MEAN 18 SEPT 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 SEPT 10

ESTIMATED AFR/AP 18 SEPT 11/13

PREDICTED AFR/AP 19-21 SEPT 12/12 - 10/11 - 08/08

SOLTERWARN

BT