

HFUS 3 BOU 090500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 221A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 09 AUGUST 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
THE ONE DISK REGION APPEARS TO BE DECLINING SLOWLY IN ALL PARAMETERS.
THE LIMBS ARE QUIET AND STABLE.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST EIGHT
HOURS. IT IS EXPECTED THE FIELD WILL BE UNSETTLED TO ACTIVE DURING
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 09 AUGUST - 11 AUGUST

CLASS M 30/30/30

CLASS X 05/05/05

PROTON 03/03/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 AUGUST 83

PREDICTED 09-11 AUGUST 83/82/82

90-DAY MEAN 08 AUGUST 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 AUGUST 19

ESTIMATED AFR/AP 08 AUGUST 17/15

PREDICTED AFR/AP 09-11 AUGUST 12/15 - 10/12 - 10/10

SOLTERWARN

HFUS 3 BOU 091500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 221-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 09 AUG 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST TEN HOURS. REGION 861 (N25W01) HAS SHOWN VERY SLIGHT SPOT DECAY AND HAS DECREASED IN ITS PRODUCTION OF X-RAY ENHANCEMENTS. THERE IS A NEW A-TYPE SPOT GROUP FORMING NEAR S20E46. OTHERWISE THE DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL. HOWEVER, REGION 861 REMAINS A THREAT TO PRODUCE ISOLATED ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD WAS ACTIVE TO UNSETTLED DURING THE PAST TEN HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED DURING THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 09 - 11 AUG

CLASS M 30/30/30

CLASS X 05/05/05

PROTON 03/03/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 AUG 83

PREDICTED 09 - 11 AUG 83/82/82

90-DAY MEAN 08 AUG 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 AUG 19

ESTIMATED AFR/AP 08 AUG 17/15

PREDICTED AFR/AP 09 - 11 AUG 12/15 - 10/12 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 221

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 09 AUGUST 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 24 HOURS. REGION 861 (N23W09), A LARGE D-TYPE SPOT GROUP WITH A BETA-DELTA MAGNETIC CLASSIFICATION, SHOWED SOME PLAGE FLUCTUATION TO NEAR FLARE BRIGHTNESS. PALEHUA OBSERVATORY REPORTED A DSD (BEGAN AT 09/1647Z, ENDED 09/1728Z) FROM REGION 861. REGION 862 (S22E37) IS A SMALL A-TYPE SPOT.

IB. SOLAR ACTIVITY IS EXPECTED TO BE GENERALLY VERY LOW DURING THE NEXT 24 HOURS. HOWEVER, FLUCTUATIONS TO MODERATE LEVEL ARE POSSIBLE DUE TO REGION 861.

II. THE GEOMAGNETIC FIELD WAS ACTIVE AND OCCASIONALLY REACHED MINOR STORM LEVELS DURING THE PAST 24 HOURS. SIMILAR CONDITIONS ARE EXPECTED DURING THE NEXT 24 HOURS, WITH THE FIELD BECOMING ACTIVE TO UNSETTLED ON 11 AND 12 AUGUST.

III. EVENT PROBABILITIES 10 AUGUST - 12 AUGUST

CLASS M 30/30/30

CLASS X 05/05/05

PROTON 01/03/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 AUGUST 84

PREDICTED 10-12 AUGUST 84/84/84

90-DAY MEAN 09 AUGUST 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 AUGUST 17

ESTIMATED AFR/AP 09 AUGUST 18/22

PREDICTED AFR/AP 10-12 AUGUST 18/20 - 12/15 - 12/12

SOLTERWARN

BT