

MMMMM
FOR INTL TELEX DIAL 101 - CABLEGRAMS 6481
V

HFUS 3 BOU 090500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 129A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 09 MAY 1977
IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. NO SIGNIFICANT
CHANGE HAS BEEN NOTED IN EITHER ACTIVE REGION OR IN LIMB ACTIVITY
AT SE24.
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 8 HOURS. QUIET
CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD.
III. EVENT PROBABILITIES 09 MAY - 11 MAY
CLASS M 05/05/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 08 MAY 76
PREDICTED 09-11 MAY 78/79/80
90-DAY MEAN 08 MAY 79
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 07 MAY 06
ESTIMATED AFR/AP 08 MAY 04/04
PREDICTED AFR/AP 09-11 MAY 08/08 - 08/08 - 05/05
SOLTERWARN
BT

HFUS 3 BOU 091500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 129B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 9 MAY 1977

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARE EVENTS REPORTED DURING THE PAST 12 HOURS. CONTINUOUS PROMINENCE AND SURGE ACTIVITY HAS ACCOMPANIED THE EAST LIMB PASSAGE OF REGION 817 (S20E80-90). THE X-RAY BACKGROUND HAS BEEN NEAR CLASS C LEVEL SINCE 1100Z. REGION 814 (N31W28) CONTINUES TO DECAY SLOWLY. IT IS NOW A TYPE HSX SPOT. MINOR PLAGE GROWTH NEAR THE SPOTS GIVES THE REGION A MORE COMPLEX APPEARANCE. SPOTS HAVE DISAPPEARED IN REGION 816 (S24E38).

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE AS REGION 817 COMES FARTHER ONTO THE VISIBLE DISK. THIS REGION APPEARS TO BE STILL DEVELOPING. ITS INTERACTION WITH REMNANT MAGNETIC FIELDS FROM OLD REGION 807 MAY PRODUCE NUMEROUS CLASS C FLARES AND THE POTENTIAL FOR CLASS M ACTIVITY BY THE THIRD DAY OF THE FORECAST.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS. QUIET CONDITIONS ARE EXPECTED THROUGHOUT THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 09 MAY - 11 MAY

CLASS M 05/15/25

CLASS X 01/02/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 MAY 76

PREDICTED 09-11 MAY 82/85/86

90-DAY MEAN 8 MAY 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 7 MAY 06

ESTIMATED AFR/AP 8 MAY 04/04

PREDICTED AFR/AP 9-11 MAY 08/08 - 08/08 - 05/05

SOLTERWARN

BT

HFUS 1 BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 129

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

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS.
NO EVENTS HAVE OCCURRED OTHER THAN SURGES AND ACTIVE PROMINENCES
AT SE20-35 WHERE REGION 817 IS STILL CROSSING THE LIMB. A SMALL
TYPE D SPOT GROUP IS VISIBLE WITH THE LEADER NOW AT S20 E75. REGION
814 (N31W25) HAS DECAYED TO A TYPE H SPOT GROUP. REGION 816(S24E35)
IS NOW SPOTLESS AND FAINT. THE X-RAY BACKGROUND WAS NEAR CLASS C
LEVEL FOR A FEW HOURS NEAR MIDDAY BUT HAS DECREASED STEADILY FOR
THE PAST 8 HOURS.

IB. NO SIGNIFICANT INCREASE IN ACTIVITY IS EXPECTED. RADIO AND
X-RAY FLUX WILL RISE SLIGHTLY AS THE REMAINDER OF THE SE LIMB
REGION COMES INTO VIEW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR MOST OF THIS DAY.
QUIET CONDITIONS ARE EXPECTED TO CONTINUE THROUGHOUT THE NEXT
THREE DAYS.

III. EVENT PROBABILITIES 10-12 MAY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 MAY 82

PREDICTED 10-12 MAY 84/84/84

90-DAY MEAN 09 MAY 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 MAY 01

ESTIMATED AFR/AP 09 MAY 06/06

PREDICTED AFR/AP 10-12 MAY 06/06 - 06/06 - 06/06

SOLTERWARN

BT