

HFUS 3 BOU 080500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO
SDF NUMBER 128-A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 08 MAY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 814 (N13W09) APPEARS TO BE CONTINUING ITS SLOW DECAY. NEW REGION 816 (S26E60) HAS APPEARED WITH AN A SPOT AND APPARENT PLAGE GROWTH.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGH THE NEXT THREE DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 8 HOURS. UNSETTLED TO ACTIVE CONDITIONS SHOULD PREVAIL THROUGH THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 08-10 MAY

CLASS M 05/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 MAY 77
PREDICTED 08-10 MAY 77/76/77
90-DAY MEAN 07 MAY 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 MAY 09
ESTIMATED AFR/AP 07 MAY 07/07
PREDICTED AFR/AP 08-10 MAY 10/10 - 15/15 - 10/10
SOLTERWARN
BT

HFUS 3 BOU 081500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 128-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 08 MAY 1977

IA. SOLAR ACTIVITY CONTINUES VERY LOW. SUNSPOTS AND PLAGE
CONTINUE TO DECAY IN REGION 814 (N32W14) WHERE THE ONLY ACTIVITY
DURING THE PAST 12 HOURS HAS BEEN A DARK SURGE. NEW REGION 816
(S24E59) IS ONLY A SINGLE SMALL SPOT IN A FAINT PLAGE. THERE IS AN
ACTIVE PROMINENCE ON THE SOUTHEAST LIMB NEAR S20. A LARGE PROM-
INENCE ERUPTED FROM SE30 0520-0600Z WITHOUT X-RAY EMISSION.

IB. NO SIGNIFICANT INCREASE IN ACTIVITY IS EXPECTED. ANY
INCREASE WILL RESULT FROM NEW ACTIVE REGIONS FORMING IN LONGITUDES
NOW CROSSING SOUTHEAST LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN EXTREMELY QUIET FOR THE PAST
12 HOURS. CONDITIONS MAY BECOME UNSETTLED LATE IN THE DAY AS THE
EARTH INTERCEPTS THE FRINGE OF A HIGH-SPEED SOLAR WIND STREAM
ORIGINATING FROM A CORONAL HOLE IN THE NORTHERN HEMISPHERE DETECTED
BY 10830 IMAGES.

III. EVENT PROBABILITIES 08 - 10 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 MAY 77

PREDICTED 08 - 10 MAY 77/76/77

90-DAY MEAN 07 MAY 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 MAY 09

ESTIMATED AFR/AP 07 MAY 07/07

PREDICTED AFR/AP 08 - 10 MAY 05/05 - 15/15 - 10/10

SOLTERWARN

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HFUS 1 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 128

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 MAY 1977

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 814 (N31 W18) DECAYS SLOWLY WITH A CLASS C SPOT GROUP OF 15 DEGREE LENGTH. ACTIVITY HAS BEEN LIMITED TO FAINT SUBFLARES AND DARK SURGES IN THIS REGION. NEW REGION 816 (S24E45) HAS DEVELOPED SLOWLY AND IS STILL ONLY A FAINT PLAGE WITH A SINGLE SMALL SPOT. HIGHLY ACTIVE PROMINENCES AT SE20-35 INDICATE THE PRESENCE OF OLD REGION 807 A FEW DEGREES BEYOND THE LIMB. A LARGE PROMINENCE ERUPTED FROM THIS LOCATION AT 0520-0600Z.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW BUT GENERAL INDICES WILL RISE SLIGHTLY WITH THE RETURN OF ACTIVITY IN THE SOUTHEAST QUADRANT.

II. THE GEOMAGNETIC FIELD HAS BEEN EXTREMELY QUIET FOR THE PAST 24 HOURS. QUIET CONDITIONS ARE NOW EXPECTED THROUGHOUT THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 09-11 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

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