

HFUS 1 BOU 260600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 116A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 26 APRIL 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 387 (S08W06) CONTINUES
SLOW GROWTH, BUT HAS PRODUCED ONLY ONE SUBFLARE IN THE PAST 24 HOURS.

IB. ACTIVITY IS EXPECTED TO REMAIN LOW. FLARE PRODUCTION FROM REGION
387 SHOULD INCREASE SOMEWHAT IF STEADY GROWTH CONTINUES.

II. THE GEOMAGNETIC FIELD CONTINUES GENERALLY UNSETTLED WITH INTER-
MITTENT ACTIVE PERIODS. THIS PATTERN IS EXPECTED TO CONTINUE THROUGH-
OUT THE FORECAST PERIOD, WITH ACTIVE CONDITIONS MORE PREVALENT DURING
LOCAL NIGHTTIME.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

SPAN

BT

HFUS 1 BOU 261400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 116B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 26 APRIL 1974

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST EIGHT HOURS.
REGION 387(S08W10) HAS BEEN QUIET AND STABLE SINCE A SUBFAINT
FLARE AT 0651Z. MINOR SURGING PERSISTS ON THE WEST LIMB AT S06
WHERE REGION 388 IS COMPLETING LIMB TRANSIT.

IB. ACTIVITY IS EXPECTED TO CONTINUE LOW. SLOWED GROWTH OF
REGION 387 DIMINISHES ITS POTENTIAL FOR INCREASED ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED WITH
INTERMITTENT ACTIVE PERIODS DURING LOCAL NIGHT TIME. THIS PATTERN
IS EXPECTED TO CONTINUE THROUGH THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 26 APRIL - 28 APRIL

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 APRIL 76

PREDICTED 26 - 28 APRIL 76/74/75

90-DAY MEAN 25 APRIL 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 APRIL 14

ESTIMATED AFR/AP 25 APRIL 16/18

PREDICTED AFR/AP 26 - 28 APRIL 18/21 - 16/18 - 18/21

SOLTERWARN

SPAN

BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 116

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 APRIL 1974

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS. REGION 387 (S09W16) HAS PRODUCED 3 SUB FAINT FLARES DURING THIS PERIOD BUT APPEARS TO BE BREAKING UP IN H-ALPHA. ACTIVITY ON THE SOUTH EAST LIMB HAS CEASED, WHILE DIM PLAGE HAS COMMENCED ROTATING AROUND THE WEST LIMB AT N10.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW. NO SIGNIFICANT ACTIVITY IS EXPECTED FROM REGION 387 AND NO SIGNIFICANT ACTIVE REGION IS DUE TO RETURN UNTIL REGION 377 ON APRIL 29TH.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED BUT DIMINISHING IN ACTIVITY EXCEPT FOR INTERMITTENT ACTIVE CONDITIONS DURING LOCAL NIGHTTIME. THE SAME CONDITIONS ARE EXPECTED THROUGH THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 27 APRIL-29 APRIL

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 APRIL 74

PREDICTED 27-29 APRIL 73/72/73

90-DAY MEAN 26 APRIL 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 APRIL 18

ESTIMATED AFR/AP 26 APRIL 10/11

PREDICTED AFR/AP 27-29 APRIL 13/14-12/13-11/12

SOLTERWARN