

HFUS 1 BOU 050600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 309A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 05 NOVEMBER 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. THE
DISK REGIONS AND THE LIMBS ARE STABLE AND QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL DURING THE
NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET AND IS EXPECTED TO REMAIN QUIET
DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES - NO CHANGE

IV. OTTAWA 10.7 CM FLUX - NO CHANGE

V. GEOMAGNETIC A INDICES - NO CHANGE

SOLTERWARN

BT

HFUS 1 BOU 051430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 309B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 5 NOV 1974

IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. AR517/519 COMPLEX
APPEARS TO BE WEAKENING. NO SIGNIFICANT FLARES HAVE BEEN REPORTED
IN THE PAST 12 HOURS.

IB. SLIGHT CHANCE OF M FLARE FROM AR517/519 COMPLEX.

II. THE GEOMAGNETIC FIELD CONTINUES QUIET AND IT IS EXPECTED
TO REMAIN QUIET.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

BT

HFUS BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 309

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 05 NOV 1974

IA. A SURGE OF ACTIVITY ACCCOMPANIED THE RAPID GROWTH OF AR520. AT 1530Z, A ONE NORMAL FLARE PRODUCED AN X-ONE X-RAY EVENT, A STRONG RADIO BURST AND A SMALL PROTON

EVENT (PROTON START 1650Z, MAX NEAR 2000Z WITH 25 MEV PARTICLES 10 TIMES BACKGROUND. THULE REPORTED 0.3 DB. ABSORTION.

AR517/519 COMPLEX REMAINS BRIGHT HOWEVER ONLY C LEVEL FLARES HAVE BEEN REPORTED.

IB. FLARE PROBABILITIES MUST REMAIN HIGH DUE TO AR520 APPEARANCE AND PAST PERFORMANCE AND AR517/519 RETAINS THE MAGNETIC STRUCTURE TO PRODUCE LARGE M EVENTS.

II. THE GEOMAGNETIC FIELD REMAINS QUIET, HOWEVER INCREASED ACTIVITY IS EXPECTED DUE TO RECURRANCE AND TODAYS MINOR PROTON EVENT.

III. EVENT PROBABILITIES 6 - 8 NOV

CLASS M 85/85/85

CLASS X 30/30/30

PROTON 30/30/30

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 5 NOV 101

PREDICTED 6 - 8 NOV 100/100/99

90-DAY MEAN 5 NOV 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 4 NOV 01

ESTIMATED AFR/AP 5 NOV 05/06

PREDICTED AFR/AP 6 - 8 NOV 07/08 - 15/18 - 15/18

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