

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 ACCOMPANIED 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 RECURRENCE 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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