

HFUS 1 BOU 030600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 276A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 03 OCTOBER 1973

IA. SOLAR ACTIVITY HAS REMAINED LOW DURING THE PAST 24 HOURS WITH  
ONLY THREE SUBFLARES OBSERVED DURING THE PAST 8 HOURS. REGION 245  
(S04W27) HAS SHOWN SPOT GROWTH AND POINT BRIGHTENINGS. ALL OTHER  
REGIONS ARE STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW WITH SPORADIC SUB-  
FLARES AND PERHAPS A CLASS M EVENT LIKELY FROM REGIONS 245 AND 247  
(S14W08). MINOR LIMB ACTIVITY IS EXPECTED AS REGIONS 236 AND 243  
PASS OVER WEST LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 24 HOURS  
WITH THE CURRENT BOULDER K-INDEX ~~IS~~ EQUAL TO SEVEN. THE FIELD IS  
EXPECTED TO CONTINUE ACTIVE THROUGH THE NEXT 24 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS 1 BOU 030600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 276A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 03 OCTOBER 1973

IA. SOLAR ACTIVITY HAS REMAINED LOW DURING THE PAST 24 HOURS WITH  
ONLY THREE SUBFLARES OBSERVED DURING THE PAST 8 HOURS. REGION 245  
(S04W27) HAS SHOWN SPOT GROWTH AND POINT BRIGHTENINGS. ALL OTHER  
REGIONS ARE STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW WITH SPORADIC SUB-  
FLARES AND PERHAPS A CLASS M EVENT LIKELY FROM REGIONS 245 AND 247  
(S14W08). MINOR LIMB ACTIVITY IS EXPECTED AS REGIONS 236 AND 243  
PASS OVER WEST LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 24 HOURS  
WITH THE CURRENT BOULDER K-INDEX EQUAL TO SEVEN. THE FIELD IS  
EXPECTED TO CONTINUE ACTIVE THROUGH THE NEXT 24 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

HFUS 1 BOU 031301

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 276B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 03 OCTOBER 1973

IA. SOLAR ACTIVITY REMAINED LOW DURING THE PAST 24 HOURS.

REGION 236 (N13W90) PRODUCED SEVERAL SUBFLARES AND SURGES AS IT  
BEGAN WEST LIMB PASSAGE. REGION 245 (S15W31) HAS PRODUCED TWO  
SUBFLARES IN 24 HOURS.

IB. ALL REGIONS CURRENTLY VISIBLE ON THE DISK APPEAR EITHER STABLE  
OR DECLINING. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 24 HOURS.  
ONE 3-HOURLY K-INDEX OF 7 WAS RECORDED SHORTLY BEFORE 0600Z.  
OTHERWISE K-INDICES CONTINUE 3'S AND 4'S. THE FIELD IS EXPECTED TO  
REMAIN ACTIVE THROUGH THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 03 OCT-05 OCT

CLASS M 35/30/25

CLASS X 02/02/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 OCT 106

PREDICTED 03-05 OCT 106/104/101

90-DAY MEAN 02 OCT 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 OCT 05

ESTIMATED 02 OCT 24

PREDICTED 03-05 OCT 27/18/13

SPAN

BT

HFUS BOU 032200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 276  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 03 OCTOBER 1973

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE LAST 24 HOURS. ONLY ONE FLARE IS WORTHY OF COMMENT- AT 2032Z TODAY A SUBFLARE AT N17E08 (REGION WITH NO SPOTS) WAS REPORTED. A DEKAMETRIC TYPE II EVENT FOLLOWED. NO X-RAY EFFECTS WERE OBSERVED. LIMB ACTIVITY FROM N13W90 HAS BEEN CONTINUOUS TODAY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BECOME QUIETER AS THE DISTURBANCE DESCRIBED IN SDF 275 SUBSIDES. IF THE EVENT DESCRIBED IN IA RESULTS IN A SHOCK WAVE AT EARTH, MINOR GEOMAGNETIC EFFECT (AS A BAY) SHOULD BE APPARENT ON 6 OCTOBER AT ABOUT 08Z. SHOCK ARRIVAL AT KOHOUTEK SHOULD OCCUR ON 8 OCTOBER AROUND 20Z.

III. EVENT PROBABILITIES - 04 OCT - 06 OCT

CLASS M 35/35/35

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED 03 OCT 103

PREDICTED 04-06 OCT 99/94/90

90-DAY MEAN 03 OCT 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 OCT 22

ESTIMATED 03 OCT 29

PREDICTED 04-06 OCT 19/15/12

SOLTERWARN

SPAN

BT