

HFUS 3 BOU 100530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 010A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 10 JANUARY 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.  
THE DISK REGIONS APPEAR STABLE AND QUIET. BOTH LIMBS APPEAR QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL. WITH THE WEST  
LIMB PASSAGE OF REGION 967 ACTIVITY HAS DECREASED. NO RETURNING  
REGIONS ARE DUE IN THE NEXT 24 HOURS.

II. WITH THE SSC AT 09/1625Z THE MAGNETIC FIELD HAS BEEN UNSETTLED  
TO ACTIVE. IT IS EXPECTED THE FIELD WILL BE AT MINOR STORM LEVEL  
DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 10 JANUARY - 12 JANUARY

CLASS M 15/01/01

CLASS X 05/01/01

PROTON 20/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 JANUARY 100

PREDICTED 10-12 JANUARY 96/93/92

90-DAY MEAN 09 JANUARY 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 JANUARY 15

ESTIMATED AFR/AP 09 JANUARY 18/19

PREDICTED AFR/AP 10-12 JANUARY 30/30 - 24/20 - 13/12

SOLTERWARN

BT

HFUS 3 BOU 101500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 010-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 10 JAN 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THE ONLY ACTIVITY REPORTED FOR THE PAST 24 HOURS WAS A M FLARE IN REGION 970 (S18W85) AT 09/2255Z. THE X-RAY BURST WAS BELOW C LEVEL. THE DISK REGIONS REMAIN STABLE IN STRUCTURE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW WITH ONLY ISOLATED CLASS C ACTIVITY AFTER TODAY.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE, WITH SHORT PERIODS AT MINOR STORM LEVEL. THESE CONDITIONS ARE EXPECTED TO PERSIST FOR THE NEXT 24 - 30 HOURS AND THEN BECOME UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 10 JANUARY - 12 JANUARY

CLASS M 15/01/01

CLASS X 05/01/01

PROTON 20/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 JANUARY 100

PREDICTED 10-12 JANUARY 96/93/92

90-DAY MEAN 09 JANUARY 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 JANUARY 15

ESTIMATED AFR/AP 09 JANUARY 18/19

PREDICTED AFR/AP 10-12 JANUARY 30/30 - 24/20 - 13/12

SOLTERWARN

BT

WFUS 1 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 010

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 10 JANUARY 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THIS ZULU DAY. ALL OPTICAL  
OBSERVATORIES ARE EXPERIENCING LIMITED OR NO OBS DUE TO WEATHER.  
DISK REGIONS APPARENTLY REMAIN STABLE. REGION 980 (N19E23) SHOWS  
ONLY SMALL GROWTH TENDENCIES. RAMEY REPORTS MINOR SURGING NEAR  
SE20. THIS MAY BE THE OLD REGION 965.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY ACTIVE THIS ZULU  
DAY, WITH STORM CONDITIONS FROM 0130Z TO 0730Z. THE FIELD IS  
EXPECTED TO BE GENERALLY ACTIVE FOR THE NEXT 24-30 HOURS, WITH  
SHORT PERIODS AT STORM LEVEL PROBABLE. THE FIELD IS EXPECTED TO  
BE GENERALLY UNSETTLED THE LATTER PORTION OF THE 3 DAY PERIOD.

III. EVENT PROBABILITIES 11 JANUARY - 13 JANUARY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JANUARY 97

PREDICTED 11-13 JANUARY 93/92/92

90-DAY MEAN 10 JANUARY 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 JANUARY 17

ESTIMATED AFR/AP 10 JANUARY 16/27

PREDICTED AFR/AP 11-13 JANUARY 24/20 - 13/12 - 07/07

SOLTERWARN

BT