

HFUS 1 BOU 270545

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 027A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL  
ACTIVITY ISSUED 0600Z 27 JANUARY 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT  
HOURS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

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

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

BT

HFUS 1 BOU 271430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 027B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 27 JANUARY 1975

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED  
DURING THE LAST 3 DAYS. ADVERSE WEATHER AT THE SOLAR OBSERVATORIES  
HAS PREVENTED ANY OPTICAL OBSERVATIONS DURING THE LAST 8 HOURS,  
BUT X-RAY AND RADIO MONITORS SHOW NO INDICATION OF ANY ACTIVITY.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW THROUGH THE FORECAST  
PERIOD.

II. THE GEOMAGNETIC FIELD HAS BECOME UNSETTLED THIS ZULU DAY.  
GEOMAGNETIC SUBSTORM ACTIVITY HAS RESULTED IN ACTIVE TO NEAR  
MINOR STORM CONDITIONS AT HIGH LATITUDES, BUT THESE CONDITIONS  
SHOULD BECOME QUIETER DURING THE DAY WITH QUIET GEOMAGNETIC CON-  
DITIONS EXPECTED DURING THE NEXT TWO DAYS.

III. EVENT PROBABILITIES 27 JAN - 29 JAN

CLASS M 02/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 JAN 73

PREDICTED 27 JAN - 29 JAN 74/74/74

90-DAY MEAN 26 JAN 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 JAN 04

ESTIMATED AFR/AP 26 JAN 04/06

PREDICTED AFR/AP 27 JAN - 29 JAN 11/13 - 06/07 - 06/07

SOLTERWARN

BT

HFUS 1 BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 027

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 27 JANUARY 1975

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED  
DURING THE LAST 3 DAYS. ADVERSE WEATHER AT MOST SOLAR OBSERVATORIES  
HAVE PREVENTED CONTINUOUS OPTICAL COVERAGE DURING THE LAST 24  
HOURS, BUT THERE HAS BEEN NO INDICATION OF ACTIVITY AT RADIO OR  
X-RAY WAVELENGTHS.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW THROUGH THE FORECAST  
PERIOD.

II. AURORAL SUBSTORM ACTIVITY AT HIGH LATITUDES HAS RESULTED IN  
UNSETTLED GEOMAGNETIC CONDITIONS DURING THE LAST 24 HOURS. SIMILAR  
CONDITIONS SHOULD CONTINUE FOR THE NEXT 12 TO 24 HOURS, WITH QUIET  
CONDITIONS EXPECTED 29-30 JANUARY.

III. EVENT PROBABILITIES 28 JAN - 30 JAN

CLASS M 02/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 JAN 72

PREDICTED 28 JAN - 30 JAN 73/74/74

90-DAY MEAN 27 JAN 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 JAN 04

ESTIMATED AFR/AP 27 JAN 11/13

PREDICTED AFR/AP 28 JAN - 30 JAN 08/10 - 04/05 - 06/07

SOLTERWARN

BT