

HFUS BOU 290600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 029A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 29 JANUARY 1974

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. NO FLARES HAVE  
BEEN OBSERVED DURING THE PAST 24 HOURS. THE LIMBS ARE QUIET. THERE  
ARE NO SPOTS ON THE DISK.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE MINOR GEOMAGNETIC DISTURBANCE CONTINUES. IT IS EXPECTED  
THAT THE DISTURBANCE WILL DECLINE 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

SPAN

BT

HFUS 1 BOU 291300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 029B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 29 JANUARY 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES OBSERVED DURING  
THE PAST 72 HOURS. THERE ARE THREE DIM PLAGE REGIONS ON THE SUN, ALL  
WITHOUT SPOTS. QUIESCENT PROMINENCES EXIST AT N20-40 WEST LIMB AND  
N03 EAST LIMB.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL THROUGH  
THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AND IS EXPECTED TO DIMINISH  
TO UNSETTLED DURING THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 29 JAN - 31 JAN

CLASS M 01/03/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 JAN 73

PREDICTED 29 JAN - 31 JAN 74/75/77

90-DAY MEAN 28 JAN 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 JAN 27

ESTIMATED AFR/AP 28 JAN 14/16

PREDICTED AFR/AP 29 JAN - 31 JAN 12/13 - 10/11 - 10/11

SOLTERWARN

SPAN

BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 029

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 29 JANUARY 1974.

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES OBSERVED  
DURING THE LAST 24 HOURS. THERE ARE NO SPOTS ON THE DISK,  
AND THE THREE SMALL PLAGE REGIONS OBSERVED ON THE DISK APPEAR  
DIM AND STABLE. A SMALL ACTIVE SURGE REGION OBSERVED AT NE03  
MAY INDICATE THE RETURN OF OLD REGION 314 (N07), BUT THE OSO 7  
LONG X-RAY AND EUV MAPS SHOW LITTLE OR NO ENHANCEMENT, INDICATING  
THIS REGION HAS DECLINED CONSIDERABLY IN ITS INTENSITY SINCE ITS  
LAST WEST LIMB PASSAGE.

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

II. THE GEOMAGNETIC FIELD CONTINUES ACTIVE, BUT THE CURRENT DIS-  
TURBANCE SHOULD DIMINISH WITH GENERALLY UNSETTLED CONDITIONS EX-  
PECTED THROUGH MOST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 30 JAN - 01 FEB.

CLASS M 01/02/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 29 JAN 73

PREDICTED 30 JAN - 01 FEB 74/75/77

90-DAY MEAN 29 JAN 83

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 28 JAN 17

ESTIMATED AFR/AP 29 JAN 17/20

PREDICTED AFR/AP 30 JAN - 01 FEB 12/13 - 10/11 - 08/09

SOLTERWARN

SPAN

BT