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HFUS 1 BOU 270600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 027A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 27 JANUARY 1974

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. NO FLARES HAVE  
BEEN OBSERVED DURING THE PAST 8 HOURS. THE REGIONS ON THE DISK ARE  
STABLE AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL DURING THE  
NEXT SEVEN HOURS.

II. THE GEOMAGNETIC FIELD IS ACTIVE. A MINOR GEOMAGNETIC STORM IS  
IN PROGRESS. THE ACTIVITY WILL CONTINUE FOR ANOTHER 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

SPAN

BT

HFUS 1 BOU 271300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 027B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 27 JANUARY 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW, AND NO FLARES HAVE BEEN  
REPORTED. SPOTS ARE NO LONGER VISIBLE IN REGION 336 (S17W16). ALL  
REGIONS ARE DULL AND UNIMPRESSIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL UNTIL OLD  
REGION 314 RETURNS LATE ON 29 JANUARY, AT WHICH TIME ACTIVITY MAY  
INCREASE SLIGHTLY.

II. THE GEOMAGNETIC FIELD REMAINED DISTURBED TO MINOR STORM LEVELS  
UNTIL ABOUT 27/1100Z AND THEN QUIET CONDITIONS WERE OBSERVED AT  
BOULDER. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN UNSETTLED TO  
ACTIVE DURING THE NEXT 24 HOURS. MAXIMUM LEVELS OF DISTURBANCE ARE  
LIKELY DURING LOCAL NIGHT.

III. EVENT PROBABILITIES 27 JAN - 29 JAN

CLASS M 01/01/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 JAN 74

PREDICTED 27 JAN - 29 JAN 72/71/73

90-DAY MEAN 26 JAN 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 JAN 31

ESTIMATED AFR/AP 26 JAN 26/35

PREDICTED AFR/AP 27 JAN - 29 JAN 30/42 - 15/17 - 10/11

SOLTERWARN

SPAN

BT

HFUS 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 JAN 1974

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW WITH NO FLARES OBSERVED  
DURING THE PAST 24 HOURS. NO SPOTS ARE VISIBLE ON THE DISK.  
ALL REGIONS ARE SMALL AND UNIMPRESSIVE. SMALL BIPOLAR PLAGE  
REGIONS HAVE EMERGED AT N18E67 AND S17E30. EXCEPT FOR MINOR  
PROMINENCE ACTIVITY AT S35W90 THE LIMBS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW THROUGH  
JAN 29 AND THEN INCREASE SLIGHTLY WITH THE RETURN OF OLD REGION  
314.

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

III. EVENT PROBABILITIES 28 JAN - 30 JAN

CLASS M 01/01/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 JAN 73

PREDICTED 28 - 30 JAN 72/73/73

90-DAY MEAN 27 JAN 84

~~GEV~~ V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 JAN 25

ESTIMATED AFR/AP 27 JAN 21/26

PREDICTED AFR/AP 28 - 30 JAN 15/17 - 10/11 - 07/08

SOLTERWARN

SPAN

BT