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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.

SOLIERWARN

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

REV. 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