

HFUS BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 019A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600 Z 19 JANUARY 1974

- 1A. *Solar activity continues at a very low level. All the regions on the disk appear stable and quiet. No flares have been observed during the past eight hours.*
- 1B. *no major activity is expected during the next seven hours*

II. *the geomagnetic field continues to be slightly disturbed. the condition is unsettled but will not reach storm level.*

III. EVENT PROBABILITIES *no change*

CLASS M	_____	/	_____	/	_____
CLASS X	_____	/	_____	/	_____
PROTON	_____	/	_____	/	_____
PCAF	_____				

IV. OTTAWA 10.7 CM FLUX *no change*

OBSERVED	_____				
PREDICTED	_____	-	_____	/	_____
90-DAY MEAN	_____				

V. GEOMAGNETIC A INDICES *no change*

OBSERVED FREDERICKSBURG	_____				
ESTIMATED A <sub>FR</sub> /A <sub>p</sub>	_____				
PREDICTED A <sub>FR</sub> /A <sub>p</sub>	_____	-	_____	/	_____

NOTE: A recent comparison between two years of Fredericksburg and Planetary Magnetic indices has shown that A<sub>p</sub> appears higher than A<sub>FREDERICKSBURG</sub>. Therefore, both indices will be included in future forecasts. Only extrapolated A<sub>p</sub> values will be given since the computation and publication of the actual observed A<sub>p</sub> values require approximately three months.

HFUS BOU 191300  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 019B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 19 JAN 1974  
IA. NO SIGNIFICANT CHANGES IN THE SOLAR DISK HAVE OCCURRED DURING  
THE PAST 6 HOURS. A SMALL B TYPE SPOT GROUP IS DEVELOPING NEAR  
N14E03 AND REGION 321 (S14E10) HAS SHOWN INTENSITY FLUCTUATIONS;  
OTHERWISE, THE DISK IS STABLE.  
IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL.  
II. THE GEOMAGNETIC FIELD IS UNSETTLED AND LITTLE OR NO CHANGE  
IS EXPECTED.  
III. EVENT PROBABILITIES 19 JAN - 21 JAN  
CLASS M 35/35/35  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 18 JAN 90  
PREDICTED 19 - 21 JAN 89/88/86  
90-DAY MEAN 18 JAN 85  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 17 JAN 15  
ESTIMATED AFR/AP 18 JAN 17/20  
PREDICTED AFR/AP 19 - 21 JAN 12/13 - 10/11 - 08/09  
SOLTERWARN  
SPAN  
BT

HFUS BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 019

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 19 JANUARY 1974.

IA. SOLAR ACTIVITY REMAINS LOW. REGION 331 (N05W22) HAS SHOWN SPOT  
GROWTH AND HAS PRODUCED 2 SUBFLARES. ALL OTHER REGIONS HAVE  
DECLINED AND ARE RELATIVELY INACTIVE. A NEW REGION (332 AT N14W03)  
HAS FORMED WITH A "B" TYPE SPOT GROUP. REGION 321 (S15W02) HAS SHOWN  
SOME FLUCTUATIONS.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND SHOULD BE  
UNSETTLED TO QUIET THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 20-22 JAN

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 JAN 89

PREDICTED 20-22 JAN 88/87/85

90-DAY MEAN 19 JAN 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 JAN 17

ESTIMATED AFR/AP 19 JAN 06/07

PREDICTED AFR/AP 20-22 JAN 05/06 - 05/06 - 05/06

SOLTERWARN

SPAN

BT