

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

I.A. 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.

I.B. No major activity is reported 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_{FR/AP}

PREDICTED A_{FR/AP}

NOTE: A recent comparison between two years of Fredericksburg and Planetary Magnetic indices has shown that Ap appears higher than AFREDERICKSBURG. Therefore, both indices will be included in future forecasts. Only extrapolated A_p values will be given since the computation and publication of the actual observed Ap 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 UNSETLED AND SHOULD BE
UNSETLED 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