

HFUS 1 BOU 180600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 018A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 18 JAN 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. NEW REGION 328(S06E03) IS
A SIMPLE BIPOLE REGION.

IB. NO SIGNIFICANT ACTIVITY IS ANTICIPATED.

II. THE GEOMAGNETIC FIELD WAS ACTIVE 17 JANUARY BUT IS EXPECTED TO
RETURN TO QUIET CONDITIONS WITHIN 48 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

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HFUS BOU 181300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 018B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 18 JAN 1974

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. VISIBLE REGIONS
HAVE SHOWN LITTLE CHANGE DURING THE PAST 6 HOURS; HOWEVER,
A SMALL NEW PLAGE WITH SPOTS IS DEVELOPING NEAR N12E10
AND IS DESIGNATED AS REGION 329.

IB. NO SIGNIFICANT CHANGES ARE EXPECTED.

II. THE GEOMAGNETIC FIELD IS UNSETLED TO SLIGHTLY ACTIVE.
LITTLE CHANGE IS EXPECTED BEFORE LATE ON 19 JAN OR EARLY ON
20 JAN, WHEN A TREND TOWARD QUIET CONDITIONS SHOULD BEGIN.

III. EVENT PROBABILITIES 18 JAN - 20 JAN

CLASS M 30/35/40

CLASS X 01/01/01

PROTON 03/02/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 JAN 92

PREDICTED 18 - 20 JAN 91/89/87

90-DAY MEAN 17 JAN 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 JAN 10

ESTIMATED AFR/AP 17 JAN 17/20

PREDICTED AFR/AP 18 - 20 JAN 12/13 - 10/11 - 05/06

SOLTERWARN

SPAN

BT

HFUS BOU 182200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 018
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 18 JANUARY 1974

IA. SOLAR ACTIVITY REMAINS LOW WITH 3 SUBFLARES AND 2 SMALL CENTIMETRIC RADIO BURSTS. REGION 321 (S15E14) IS THE MOST INTERESTING, HOWEVER, ALL SPOT REGIONS HAVE DECLINED SOME IN AREA, AND TWO NEW ONES (REGION 330 N06W26 AND REGION 331 N04W07) HAVE APPEARED. ALL OTHER REGIONS ARE INACTIVE. A FILAMENT NORTH OF REGION 321 DISAPPEARED, BUT NO OTHER ACTIVITY ACCOMPANIED IT.

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

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY ACTIVE, AND SHOULD BE UNSETTLED UNTIL 20 JANUARY WHEN IT SHOULD BECOME QUIET.

III. EVENT PROBABILITIES 19-21 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

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