

HFUS 1 BOU 090600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 009A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 09 JAN 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. ALL REGIONS ON THE DISK HAVE
BEEN QUIET.

IB. ACTIVITY WILL REMAIN VERY LOW THROUGHOUT THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND WILL REMAIN SO FOR THE
NEXT 72 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

SPAN

BT

HFUS 1 BOU 091300
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 009B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 09 JANUARY 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH ONLY ONE FLARE OBSERVED IN THE LAST 24 HOURS, AN IMPORTANCE 0F FLARE FROM REGION 316 (S10E65). THIS REGION CONTAINS ONLY A SINGLE H TYPE SPOT AND NOW APPEARS STABLE. REGION 314 (N08E01) CONTAINS AN ARCH FILAMENT SYSTEM AND CONTINUES TO GROW SLOWLY IN BOTH WHITE LIGHT AND H ALPHA. HOWEVER, THIS REGION DOES NOT APPEAR TO BE LARGE OR COMPLEX ENOUGH TO BE A SOURCE AT ENERGETIC ACTIVITY.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW TO LOW WITH A POSSIBLE INCREASE IN SUBFLARE FREQUENCY FROM REGION 314. THE RETURN OF REGIONS 299, 300, AND 301 AT THE END OF THE FORECAST PERIOD MAY RESULT IN SOME INCREASE IN ACTIVITY AFTER 48 HOURS.

II. THE GEOMAGNETIC FIELD REMAINS QUIET AND SHOULD CONTINUE QUIET THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 09 JAN - 11 JAN

CLASS M 03/05/10

CLASS X 01/01/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 JAN 82

PREDICTED 09 JAN - 11 JAN 84/86/88

90-DAY MEAN 08 JAN 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 JAN 01

ESTIMATED AFR/AP 08 JAN 06/07

PREDICTED AFR/AP 09 JAN - 11 JAN 05/06 - 05/06 - 05/06

SOLTERWARN

SPAN

BT

HFUS BOU 092200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 009
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 09 JAN 1974

IA. SOLAR ACTIVITY REMAINS LOW WITH ONE FLARE (0F, C4, REGION 317) REPORTED IN THE PAST 34 HOURS. REGION 317 (OLD REGION 305) HAS APPEARED AT S11E90 WITH MINOR SURGES AND A MOUND PROMINENCE, AND THERE ARE INDICATIONS THAT IT COULD BE A SIGNIFICANT REGION. REGION 314 (N06W05) CONTINUES SLOW GROWTH, BUT APPEARS TO BE STABILIZING. REGION 316 (S11E59) REMAINS STABLE. REGION 318 (N11E55), TYPE A SPOT GROUP, HAS APPEARED AND IS DEVELOPING, BUT NO SIGNIFICANT ACTIVITY HAS BEEN REPORTED.

IB. SOLAR ACTIVITY SHOULD INCREASE SOMEWHAT AS SEVERAL DISK REGIONS DEVELOP AND REGION 317 AND SEVERAL OTHERS ROTATE ONTO THE DISK.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND SHOULD REMAIN SO FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 10 JAN - 12 JAN

CLASS M 10/15/20
CLASS X 03/05/05
PROTON 01/01/01
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 JAN 88
PREDICTED 10 JAN 12 JAN 90/92/95
90-DAY MEAN 09 JAN 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 JAN 07
ESTIMATED AFR/AP 09 JAN 05/06
PREDICTED AFR/AP 10 JAN - 12 JAN 05/06 - 05/06 - 05/06
SOLTERWARN
SPAN
BT