

HFUS 1 BOU 250500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 298A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 25 OCT 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 511 (S08E76) CONTAINS
AN H TYPE SPOT AND IS LIKELY THE RETURN OF OLD REGION 497.

IB. ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD CONTINUES ACTIVE. INTERMITTENT PERIODS OF
MINOR STORM CONDITIONS ARE EXPECTED.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

BT

HFUS 1 BOU 251430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 298B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 25 OCT 1974
IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. NO SIGNIFICANT
REGIONS ARE VISIBLE ON THE DISK.
IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL.
II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. NO
CHANGE IS EXPECTED.
III. EVENT PROBABILITIES 25 - 27 OCT
CLASS M 01/01/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 24 OCT 76
PREDICTED 25 - 27 OCT 77/78/78
90-DAY MEAN 24 OCT 90
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 23 OCT 05
ESTIMATED AFR/AP 24 OCT 31/44
PREDICTED AFR/AP 25 - 27 OCT 17/20 - 17/20 - 14/15
SOLTERWARN
BT

HFUS BOU 252200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 298

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 25 OCT 1974

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST
24 HOURS. REGION 511 (S05E62) HAS SHOWN VERY LITTLE GROWTH OR OTHER
DYNAMIC CHARACTERISTICS. A SHORT LIVED TYPE IV SWEEP FREQUENCY
RADIO BURST WAS OBSERVED FROM NEAR 1653 UT UNTIL 1750 UT. THIS
BURST IS THOUGHT TO HAVE ORIGINATED FROM BEHIND THE LIMB AND MAY
HAVE A COMPLETELY NEW REGION AS ITS SOURCE.

IB. A SLIGHT RISE IN FLARE OCCURRENCE MAY BE EXPECTED OVER THE NEXT
SEVERAL DAYS AS THE SOURCE OF THE TYPE IV BURST ROTATES ONTO THE
DISK.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE AND NO CHANGE
IS EXPECTED FOR THE NEXT TWO OR THREE DAYS.

III. EVENT PROBABILITIES 26-28 OCT

CLASS M 03/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 OCT 078

PREDICTED 26-28 OCT 080/082/082

90-DAY MEAN 25 OCT 090

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 OCT 31

ESTIMATED AFR/AP 25 OCT 22/28

PREDICTED AFR/AP 26-28 OCT 17/20 - 13/15 - 13/15

SOLTERWARN

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