

HFUS 1 BOU 240500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO.

SDF NUMBER 297A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 24 OCT 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. NO SIGNIFICANT CHANGES HAVE OCCURRED ON THE DISK.

IB. ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE AT 24/0235Z. GENERALLY UNSETTLED CONDITIONS WITH INTERMITTENT SHORT PERIODS OF ACTIVE TO MINOR STORM CONDITIONS ARE EXPECTED.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 OCT 15

ESTIMATED AFR/AP 23 OCT 03/04

PREDICTED AFR/AP 24-26 OCT 20/25 - 17/20 - 16/20

SOLTERWARN

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HFUS 1 BOU 241430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 297B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 24 OCT 1974

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. THE DISK IS ALMOST
FEATURELESS AND ONLY SMALL SURGE ACTIVITY PRESAGES THE RETURN
OF OLD REGIONS 495 AND 497.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL FOR
THE NEXT 36 TO 48 HOURS.

II. THE GEOMAGNETIC FIELD EXPERIENCED VERY SHARP PERTURBATIONS
BETWEEN 0000Z AND 0600Z. SINCE THAT TIME, THE FIELD HAS BEEN
UNSETLED TO ACTIVE. UNSETLED CONDITIONS SHOULD DOMINATE
DAYLIGHT HOURS AND ACTIVE TO MINOR STORM CONDITIONS SHOULD BE
COMMON IN NIGHTTIME SECTORS FOR THE NEXT TWO OR THREE DAYS.

III. EVENT PROBABILITIES 24 - 26 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 OCT 75

PREDICTED 24 - 26 OCT 76/76/77

90-DAY MEAN 23 OCT 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 OCT 15

ESTIMATED AFR/AP 23 OCT 03/04

PREDICTED AFR/AP 24 - 26 OCT 26/35 - 17/20 - 16/20

SOLTERWARN

BT

HFUS BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 297

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 24 OCT 1974

IA. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL DURING THE PAST 24 HOURS. SMALL SURGE ACTIVITY HAS BEEN REPORTED ON THE EAST LIMB WHERE OLD REGIONS 495 AND 497 ARE DUE TO RETURN. THE DISK IS QUIET OTHERWISE.

IB. THE DISK SHOULD REMAIN QUIET THROUGHOUT THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS EXPERIENCED ACTIVE TO MINOR STORM CONDITIONS WITH OCCASIONAL MAJOR STORM CONDITIONS BEING OBSERVED. ACTIVE CONDITIONS SHOULD PERSIST FOR THE NEXT 3 DAYS WITH INFREQUENT, SHORT LIVED, MINOR STORM CONDITIONS IN NIGHTTIME SECTORS.

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 076

PREDICTED 25 - 27 OCT 077/078/078

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

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