

HFUS-1 BOU 270500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 270A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 27 SEPT 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. X-RAY AND RADIO FLUXES ARE
AT BACKGROUND.

IB. SOLAR ACTIVITY WILL CONTINUE AT THIS LEVEL.

II. THE GEOMAGNETIC FIELD REMAINS AT ACTIVE TO MINOR STORM LEVELS.
SIMILAR CONDITIONS ARE EXPECTED THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1 BOU 271430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 270B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 27 SEPT 1974
IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 16 HOURS.
ONE SMALL C-CLASS SUBFLARE WAS NOTED AT THE NORTHEAST LIMB
(N05E89). THIS IS APPARENTLY OLD REGION 482 RETURNING. REGION
482 WAS GROWING AS IT LEFT THE VISIBLE DISK TWO WEEKS AGO.
IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW. SUBFLARE
ACTIVITY CAN BE EXPECTED TO INCREASE AS SEVERAL OLD REGIONS
RETURN OVER THE EAST LIMB.
II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE FOR THE PAST 16 HOURS.
THE FIELD IS EXPECTED TO TREND GRADUALLY TOWARD UNSETTLED LEVELS
THROUGH THE FORECAST PERIOD.
III. EVENT PROBABILITIES 27 - 29 SEPT 1974
CLASS M 05/10/10
CLASS X 01/02/02
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 26 SEPT 75
PREDICTED 27 - 29 SEPT 77/79/81
90-DAY MEAN 26 SEPT 88
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 25 SEPT 25
ESTIMATED AFR/AP 26 SEPT 25/39
PREDICTED AFR/AP 27 - 29 SEPT 20/25 - 18/22 - 16/19
SOLTERWARN
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HFUS BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 270

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 27 SEPT 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. ONLY TWO SMALL C-CLASS SUBFLARES HAVE BEEN NOTED; ONE FROM REGION 494 (N14W38) AND ONE FROM REGION 495 (N08E80). BOTH REGIONS ARE DECLINING AND ARE EXPECTED TO REMAIN RELATIVELY QUIESCENT.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. THE REGIONS CURRENTLY VISIBLE ON THE SUN DO NOT APPEAR TO HAVE ENERGETIC FLARE POTENTIAL.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE FOR THE PAST 24 HOURS. THE FIELD IS EXPECTED TO TREND TOWARD UNSETTLED LEVELS THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 28 SEPT - 30 SEPT 1974

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 SEPT 77

PREDICTED 28-30 SEPT 78/79/80

90-DAY MEAN 27 SEPT 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 SEPT 25

ESTIMATED AFR/AP 27 SEPT 17/30

PREDICTED AFR/AP 28-30 SEPT 15/21 - 13/17 - 11/15

SOLTERWARN

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