

HFUS 1 BOU 200600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO.

SDF NUMBER 324A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 20 NOV 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. CULGOORA REPORTS A RADIO
NOISE SOURCE ON THE NORTHEAST LIMB.

IB. ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD CONTINUES UNSETLED. ACTIVE CONDITIONS
DUE TO A RECURRENT DISTURBANCE ARE EXPECTED TO BEGIN THIS ZULU DAY.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 NOV 05

ESTIMATED AFR/AP 19 NOV 08/08

PREDICTED AFR/AP 20-22 NOV 24/31 - 20/24 - 20/24

SOLTERWARN

BT

HFUS 1 BOU 201455

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 324B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 20 NOV 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 524 (N13E12) HAS CHANGED LITTLE IN THE LAST 24 HOURS AND STILL CONTAINS AN E TYPE SPOT GROUP. THIS REGION PRODUCED ONE SUBFLARE DURING THE LAST 24 HOURS, AND POINT BRIGHTENINGS TO NEAR FLARE INTENSITY CONTINUE. REGION 527 (N02E38) HAS SHOWN SOME SPOT GROWTH AND CONTAINS A C TYPE SPOT GROUP. BRIGHTENINGS TO NEAR FLARE INTENSITY HAVE ALSO BEEN OBSERVED IN THIS REGION. REGION 528 (N07E68) ALSO CONTAINS A C TYPE SPOT GROUP AND A RELATIVELY BRIGHT PLAGE. DETAILED MAGNETIC ANALYSIS FOR THIS REGION HAS NOT YET BEEN POSSIBLE DUE TO LIMB PROXIMITY. MINOR, INFREQUENT SURGES CONTINUE FROM SE11 TO NE29.

IB. THERE IS STIL A CHANCE OF A SMALL CLASS M EVENT FROM ONE OF THE THREE REGIONS DISCUSSED ABOVE. HOWEVER, UNLESS SIGNIFICANT GROWTH IS OBSERVED IN THESE REGIONS, LATER FORECASTS WILL LOWER THE PROBABILITIES OF ENERGETIC EVENTS.

II. THE GEOMAGNETIC FIELD HAS BECOME ACTIVE DURING THE LAST 12 HOURS. ACTIVE TO MINOR STORM CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 20 - 22 NOV

CLASS M 25/25/25

CLASS X 05/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 NOV 98

PREDICTED 29 - 22 NOV 99/100/101

90-DAY MEAN 19 NOV 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 NOV 05

ESTIMATED AFR/AP 19 NOV 08/08

PREDICTED AFR/AP 20 - 22 NOV 24/28 - 25/30 - 24/28

SOLTERWARN

BT

HFUS BOU 202200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 324
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 20 NOV 1974
IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED
DURING THE LAST 24 HOURS. REGION 524 (N13E07) STILL CONTAINS
AN E TYPE SPOT GROUP WITH A SIMPLE BETA MAGNETIC CONFIGURATION.
REGIONS 527 (N01E32) AND 528 (N06E59) REMAIN SMALL WITH SIMPLE
MAGNETIC STRUCTURES. SURGING IS NO LONGER BEING OBSERVED ON
THE EAST LIMB.
IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW WITH ONLY A SMALL
CHANCE OF ENERGETIC ACTIVITY DURING THE FORECAST PERIOD.
II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TODAY, AND ACTIVE
CONDITIONS SHOULD CONTINUE THROUGH THE FORECAST PERIOD.
III. EVENT PROBABILITIES 21 - 23 NOV

CLASS M 15/15/15

CLASS X 03/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 NOV 98

PREDICTED 21 - 23 NOV 99/100/101

90-DAY MEAN 20 NOV 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 NOV 10

ESTIMATED AFR/AP 20 NOV 18/20

PREDICTED AFR/AP 21 - 23 NOV 20/25 - 20/25 - 20/25

SOLTERWARN

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