

HFUS 1 BOU 100555

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 344A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 10 DECEMBER 1974

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. THE VISIBLE DISK
DOES NOT HAVE ANY SPOTS. THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN DISTURBED DURING THE PAST 24
HOURS. ACTIVE TO MINOR STORM CONDITIONS ARE EXPECTED DURING THE
NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

BT

HFUS 1 BOU 101430

FROM SPACE ENVIRONEMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 344B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 10 DEC 1974

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL.

IB. NO CHANGE IS EXPECTED.

II. THE GEOMAGNETIC FIELD CONTINUES DISTURBED. MOSTLY ACTIVE
CONDITIONS DOMINATED NIGHTTIME SECTORS WHILE UNSETTLED CONDITIONS
PREVAILED IN DAYLIGHT SECTORES. OCCASIONAL MINOR STORM CONDITIONS
ARE EXPECTED DURING THE NEXT 36 HOURS.

SEE PART V

III. EVENT PROBABILITIES 10 - 12 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 DEC 72

PREDICTED 10 - 12 DEC 73/73/74

90-DAY MEAN 09 DEC 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 DEC 12

ESTIMATED AFR/AP 09 DEC 26/40

PREDICTED AFR/AP 10 - 12 DEC 19/25 - 22/30 - 17/27

SOLTERWARN

BT

HFUS 1 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 344

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 10 DECEMBER 1974

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL, HOWEVER, TWO NEW REGIONS
HAVE DEVELOPED DURING THE PAST 24 HOURS. RGN 534 (N11E30) IS
COMPOSED OF A SMALL, MODERATELY BRIGHT PLAGE WITH A SMALL "B"
TYPE SPOT GROUP. RGN 535 (N14W20) HAS A VERY DIM SCATTERED PLAGE
AND A SIMPLE "A" TYPE SPOT.

IB. SOME FURTHER DEVELOPMENT IN 534 MAY PRECIPITATE SOME SMALL
FLARES BUT AT PRESENT NO SIGN OF A SIGNIFICANT INCREASE IN ACTIVITY
IS INDICATED.

II. THE GEOMAGNETIC FIELD REMAINS DISTURBED. NIGHTTIME SECTORS CAN
EXPECT ACTIVE TO MINOR STORM CONDITIONS WHILE DAYLIGHT SECTORS WILL
BE UNSETTLED TO ACTIVE DURING THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 11 DEC - 13 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 DEC 73

PREDICTED 11 DEC - 13 DEC 74/75/75

90-DAY MEAN 10 DEC 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 DEC 25

ESTIMATED AFR/AP 10 DEC 16/20

PREDICTED AFR/AP 11 DEC - 13 DEC 22/30 - 16/20 - 12/15

SOLTERWARN

BT