

HFUS 1 BOU 040550

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 308A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 04 NOVEMBER 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
THE ONE DISK REGION IS STABLE AND QUIET. SOME SMALL ACTIVITY HAS
BEEN OBSERVED AT N03-E.L.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR STORM LEVEL DURING THE
PAST EIGHT HOURS. IT IS EXPECTED THAT THE FIELD WILL CONTINUE TO
BE AT THIS LEVEL DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 04 NOVEMBER - 06 NOVEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 NOVEMBER 74

PREDICTED 04-06 NOVEMBER 75/75/75

90-DAY MEAN 03 NOVEMBER 80

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 NOVEMBER 22

ESTIMATED AFR/AP 03 NOVEMBER 40/70

PREDICTED AFR/AP 04-06 NOVEMBER 25/35 - 25/35 - 25/35

SOLTERWARN

BT

HFUS 1 BOU 041500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 608B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 04 NOV 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST NINE HOURS.
REGION 662 (S02E32) HAS CONTINUED TO DEVELOP IN WHITE LIGHT AND
H-ALPHA AND AGAIN CONTAINS AN ARCH-FILAMENT SYSTEM. NEW REGION
663 (N05W03) CONTAINS A SMALL A-TYPE SPOT ACCOMPANIED BY
WEAK PLAGE CONTAINING ARCH-FILAMENTS. OLD REGION 659 HAS RE-
TURNED TO EAST LIMB AND NOW IS LISTED AS REGION 664 (N04E86).
REGION 664 CONTAINS AN H-TYPE LEADER SPOT ACCOMPANIED BY SURGING
ENHANCED PLAGE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW DURING THE FORECAST
PERIOD. REGIONS 662, 663, AND 664 MAY GROW AND PRODUCE CLASS C
EVENTS. FURTHER EVALUATION OF REGION 664 WILL BE NECESSARY TO
DETERMINE ITS MAGNETIC STRUCTURE.

II. THE GEOMAGNETIC FIELD HAS REMAINED DISTURBED TO MINOR STORM
INTENSITY DURING THE PAST NINE HOURS. THIS MINOR STORM IS EX-
PECTED TO DIMINISH GRADUALLY DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 04 - 06 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 NOV 74

PREDICTED 04 - 06 NOV 77/79/80

90-DAY MEAN 03 NOV 80

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 NOV 22

ESTIMATED AFR/AP 03 NOV 40/70

PREDICTED AFR/AP 04 - 06 NOV 25/35 - 25/35 - 20/25

SOLTERWARN

BT

HFUS 1 BOU 042230

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 308

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 04 NOV 1975

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 24 HOURS.
REGION 662 (S02E28) HAS DEVELOPED A SMALL BUT EXTENDED BIPOLAR
SPOT GROUP ACCOMPANIED BY PLAGE CONTAINING ARCH-FILAMENTS. NEW
REGION 663 (N05W06) CONTAINS A SMALL A-TYPE SPOT AND DULL PLAGE.
REGION 664 (N04E82) CONTAINS AN H-TYPE SPOT FOLLOWED BY SURGING,
ENHANCED PLAGE. A FILAMENT ASSOCIATED WITH REGION 664 HAS BEEN
ACTIVE AT TIMES. REGION 664 NOW LIES TOO CLOSE TO THE LIMB FOR
RELIABLE MAGNETIC ANALYSIS. REGION 664 IS FORMER REGION 659,
WHICH PASSED OVER THE LIMB 21 OCTOBER.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED THROUGH THE
FORECAST PERIOD. REGIONS 662 AND 664 SHOULD BE WATCHED FOR
ADDITIONAL GROWTH OR MAGNETIC COMPLEXITY.

II. THE GEOMAGNETIC FIELD HAS REMAINED DISTURBED TO MINOR STORM
INTENSITY DURING THE PAST 24 HOURS. THIS DISTURBANCE IS EXPECTED
TO DIMINISH GRADUALLY DURING THE FORECAST PERIOD. MAXIMAL DIS-
TURBANCE IS LIKELY AT HIGH LATITUDES OR AT NIGHT.

III. EVENT PROBABILITIES 05 - 07 NOV

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 NOV 77

PREDICTED 05 - 07 NOV 79/80/82

90-DAY MEAN 04 NOV 80

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 NOV 40

ESTIMATED AFR/AP 04 NOV 32/38

PREDICTED AFR/AP 05 - 07 NOV 25/35 - 20/25 - 12/12

SOLTERWARN

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