

HFUS 1 BOU 050600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 309A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 05 NOV 1975.

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 8 HOURS.
REGION 662 (S02E25) REMAINS STABLE WITH AN ARCH FILAMENT SYSTEM
STILL PRESENT, ACCORDING TO PALEHUA OBSERVATORY, AND A C-TYPE
SPOT GROUP. REGION 663 (N05W09) HAS APPARENTLY LOST ITS SPOTS.
REGION 664 (N04E79) HAS PRODUCED TWO NEAR FLARE FLUCTUATIONS AND
RETAINS ITS H-TYPE SPOT.

IB. VERY LOW LEVELS OF ACTIVITY SHOULD CONTINUE. REGIONS 662 AND
664 MAY BE CAPABLE OF NON-ENERGETIC FLARE ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS QUIETENED SOMEWHAT DURING THE PAST
8 HOURS. HOWEVER SHOULD RESUME ACTIVITY DIMINISHING GRADUALLY
DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 05 NOV - 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 04NOV 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

BT

HFUS 1 BOU 051430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.
SDF NUMBER 309B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 05 NOV 1975

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL; HOWEVER, REGION
664 (N04E78) IS PRODUCING OCCASIONAL SMALL FLARES WITH ASSOCIATED
SMALL X-RAY BURSTS. THE FACE OF REGION 664 IS BRIGHT AND FLUCT-
UATING. ONLY AN H TYPE SPOT GROUP IS VISIBLE IN THIS REGION
SO FAR. THE OTHER DISK FEATURES ARE PRESENTLY STABLE.

IB. SOLAR ACTIVITY SHOULD BE GENERALLY AT A LOW LEVEL BUT THE
CHANCE OF ISOLATED ENERGETIC ACTIVITY WILL SLOWLY INCREASE
DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD EXPERIENCED ACTIVE TO MINOR STORM
CONDITIONS DURING THE PAST 24 HOURS. A GRADUAL DECLINE IN THE
DISTURBANCE IS EXPECTED OVER THE NEXT THREE DAYS.

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 25/25 - 20/25 - 12/12

SOLTERWARN

BT

GEOALERT WWA309 050300

91204 10432 20770 30322 49940

22702 00000 40705 00000 13104 00000

A GEOMAGNETIC STORM IS IN PROGRESS

80605 77773 22602 QUIET 40805 QUIET

18004 QUIET

SOLQUIET MAGALERT MINOR 05/06

SOLTERWARN

HFUS 1 BOU 052200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 309

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 05 NOV 1975

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 664 (N04E67)
HAS ROTATED SUFFICIENTLY ONTO THE DISK TO REVEAL A C TYPE SPOT
GROUP. SEVERAL CLASS C X-RAY FLARES HAVE OCCURRED IN 664 DURING
THE PAST 24 HOURS BUT THE REGION DOES NOT YET APPEAR CAPABLE OF
SUSTAINED M TYPE X-RAY FLARES. ANOTHER SMALL SPOT GROUP, REGION
665 (S09E61), DEVELOPED DURING THE PAST 12 HOURS BUT IS ONLY A
SIMPLE B TYPE REGION. THE OTHER DISK FEATURES ARE STABLE.

IB. ALTHOUGH SUSTAINED M TYPE X-RAY FLARES ARE NOT EXPECTED FROM
REGION 664, AN ISOLATED EVENT IS POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH OCCASIONAL MINOR
STORM CONDITIONS IN NIGHTTIME SECTORS. NIGHTTIME SECTORS SHOULD
AGAIN SEE ENHANCED ACTIVITY DURING THE NEXT 24 HOURS BUT A
GENERAL TREND TOWARD DECREASED ACTIVITY SHOULD BE NOTED.

III. EVENT PROBABILITIES 06 - 08 NOV

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF - GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 NOV 080

PREDICTED 06 - 08 NOV 081/082/082

90-DAY MEAN 05 NOV 080

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 NOV 28

ESTIMATED AFR/AP 05 NOV 15/21

PREDICTED AFR/AP 06 - 08 NOV 20/20 - 12/12 - 10/10

SOLTERWARN

BT