

HFUS 1 BOU 080425

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 221A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z AUGUST 1976

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 724 (N16W06) IS
PRODUCING OCCASIONAL SMALL RADIO BURST AND X-RAY BURST. THIS
REGION STILL IS NOT IMPRESSIVE IN ITS OPTICAL COMPLEXITY. THE
NEUTRAL LINE SHOWS SEVERAL WEAK KINKS BUT IS BASICALLY SIMPLE.
REGIONS 726 (S04E63) AND 727 (S24E61) REMAIN SMALL AND STABLE.

IB. ALTHOUGH REGION 724 IS NOT OVERLY IMPRESSIVE, THE CONTINUED
OUTPUT OF RADIO AND X-RAY BURST SUGGEST THAT THE REGION IS
POTENTIALLY CAPABLE OF SIGNIFICANT ACTIVITY.

II. THE GEOMAGNETIC FIELD IS QUIET TO SLIGHTLY UNSETTLED AND NO
CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 08 AUGUST - 10 AUGUST

CLASS M 10/15/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 AUGUST 81

PREDICTED 08-10 AUGUST 80/79/79

90-DAY MEAN 07 AUGUST 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 AUGUST 05

ESTIMATED AFR/AP 07 AUGUST 06/09

PREDICTED AFR/AP 08-10 AUGUST 05/05 - 05/05 - 08/08

SOLTERWARN

BT

HFUS 1 BOU 081430
 FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
 SDF NUMBER 221-B
 JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
 ISSUED 1430Z 08 AUG 76
 IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. REGION 724 (N16W11)
 REMAINS STABLE WITH ONLY SMALL INTENSITY CHANGES IN H-ALPHA AND IS
 THE PROBABLE SOURCE OF THE SMALL INFREQUENT RADIO EVENTS AND X-RAY
 ENHANCEMENTS BEING REPORTED.
 IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL THRU
 THE FORECAST PERIOD.
 II. THE GEOMAGNETIC FIELD HAS GENERALLY BEEN QUIET. A BRIEF UNSETTLED
 PERIOD AROUND 0600Z WAS OBSERVED AT BOULDER. QUIET TO SLIGHTLY
 UNSETTLED CONDITIONS EXPECTED THE NEXT THREE DAYS.
 III. EVENT PROBABILITIES 08-10 AUG
 CLASS M 10/15/20
 CLASS X 01/01/01
 PROTON 01/01/01
 PCAF GREEN
 IV. OTTAWA 10.7 CM FLUX
 OBSERVED 07 AUGUST 81
 PREDICTED 08-10 AUGUST 80/79/79
 90-DAY MEAN 07 AUGUST 70
 V. GEOMAGNETIC A INDICES
 OBSERVED FREDERICKSBURG 06 AUGUST 05
 ESTIMATED AFR/AP 07 AUGUST 06/09
 PREDICTED AFR/AP 08-10 AUGUST 05/05 - 05/05 - 08/08
 SOLTERWARN
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GEOALERT WWA221 080300
 91207 10250 20810 30060 4////
 40416 02000 26504 00000 26324 00000
 80608 77773 40416 ERUPTIVE 26504 QUIET
 26324 QUIET
 SOLQUIET MAGQUIET
 FIN
 SOLTERWARN

HFUS 1 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 221

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 AUGUST 1976

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. REGION 724 (N16W15)
APPEARS STABLE WITH ONLY MINOR PLAGE FLUCTUATIONS OR CHANGES IN
H-ALPHA. SMALL SATELLITE SPOTS CONTINUE TO RE-APPPEAR AND THREE
SMALL SPOTS WERE VISIBLE IN THE TRAILING PLAGE EARLIER TODAY.

REGION 727 (S24E53) THE ONLY OTHER REGION WITH SPOTS IS QUIET AND
HAS ALSO BEEN CLASSIFIED AS NEW CYCLE BY MT WILSON.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL WITH INFREQUENT
C-CLASS X-RAY EVENTS EXPECTED FROM REGION 724.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET SINCE 08/0600Z. THE
PRESENT QUIET CONDITIONS ARE EXPECTED TO GIVE WAY TO UNSETTLED TO
SLIGHTLY ACTIVE CONDITIONS BY THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 09 AUGUST - 11 AUGUST

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 AUGUST 80

PREDICTED 09-11 AUGUST 79/78/77

90-DAY MEAN 08 AUGUST 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 AUGUST 05

ESTIMATED AFR/AP 08 AUGUST 05/05

PREDICTED AFR/AP 09-11 AUGUST 05/05 - 05/08 - 10/10

SOLTERWARN

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