

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 UNSETLED 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 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

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 UNSETLED 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	
BT	