

HFUS 1 BOU 280450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 209A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0500Z 28 JULY 1975

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 615 (N08W24) IS FLUCTUATING IN BRIGHTNESS AND MAY BE DEVELOPING AN ARCH FILAMENT SYSTEM. REGION 614 (N06W08) HAS NOT CHANGED MUCH AND THE FILAMENT ACTIVITY WITHIN THE REGION IS DIMINISHING.

IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD IS UNSETLED TO OCCASIONALLY ACTIVE WITH NO SIGNIFICANT CHANGES EXPECTED.

III. EVENT PROBABILITIES 28 JULY - 30 JULY

CLASS M 05/05/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 JULY 76

PREDICTED 28 JULY - 30 JULY 75/77/80

90-DAY MEAN 27 JULY 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 JULY 20

ESTIMATED AFR/AP 27 JULY 13/16

PREDICTED AFR/AP 28 JULY - 30 JULY 08/10 - 08/10 - 08/10

SOLTERWARN

BT

HFUS 1 BOU 281430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 209B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 28 JULY 1975

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 615 (N08W29)
IS NOW DECLINING AND THE ACTIVE FILAMENT IN REGION 614 (N06W12)
HAS PARTIALLY DISAPPEARED.

IB. NO ACTIVITY IS EXPECTED FROM THE REGIONS NOW VISIBLE. A
RETURNING REGION 29-30 JULY SHOULD NOT INCREASE ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS QUIETED AFTER MINOR STORM CONDITIONS
05-06Z AT HIGH LATITUDES. QUIET CONDITIONS SHOULD CONTINUE THROUGH
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 28-30 JULY

CLASS M 05/05/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 JULY 76

PREDICTED 28-30 JULY 75/77/80

90-DAY MEAN 27 JULY 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 JULY 20

ESTIMATED AFR/AP 27 JULY 13/16

PREDICTED AFR/AP 28-30 JULY 10/13 - 08/10 / 08/10

SOLTERWARN

BT

GEOALERT WWA209 280300

91227 10561 20760 30131 49920

40806 00000 42408 02000 10609 00000

80628 77773 40806 QUIET 42408 ERUPTIVE

10609 QUIET

SOLQUIET MAGNIL

FIN

SOLTERWARN

HFUS 1 BOU 282200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 209
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 28 JULY 1975

IA. SOLAR ACTIVITY HAS INCREASED VERY SLIGHTLY WITH A SERIES OF FAINT SUBFLARES IN REGION 615 (N08W37). THE REGION HAS BECOME A SIMPLE TYPE-D SPOT GROUP BUT WITH A DEVELOPING ANOMOLOUS MAGNETIC POLE SOUTH OF ITS FOLLOWER SPOTS. MOST FLARE AND SURGE ACTIVITY HAS EMANATED FROM THIS POLE. AN ADDITIONAL ISOLATED MAGNETIC ANOMALY HAS FORMED IMMEDIATELY WEST OF THE MAIN SPOT IN REGION 614 (N07W19). A FILAMENT IN THE CENTER OF THIS REGION CONTINUES SLIGHTLY ACTIVE.

IB. ACTIVITY SHOULD REMAIN VERY LOW WITH CONTINUED SUBFLARES AT OR BELOW C-LEVEL. A REGION RETURNING TO NORTHEAST LIMB LATE TOMORROW IS EXPECTED TO BE QUIET.

II. THE GEOMAGNETIC FIELD HAS BECOME VERY QUIET. SLIGHTLY UNSETLED CONDITIONS MAY OCCUR DURING LOCAL NIGHTTIME BUT OVERALL CONDITIONS SHOULD REMAIN QUIET FOR THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 29 JULY - 31 JULY

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 JULY 74

PREDICTED 29 JULY - 31 JULY 77/80/78

90-DAY MEAN 28 JULY 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 JULY 14

ESTIMATED AFR/AP 28 JULY 12/15

PREDICTED AFR/AP 29 JULY - 31 JULY 08/10 - 08/10 - 05/07

SOLTERWARN

BT