

HFUS 1 BOU 271430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 208B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 27 JULY 1975

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 615 (N09W18) HAS SLOWED ITS GROWTH AND APPEARS NOW AS A QUIET D-TYPE SPOT GROUP OF SIMPLE STRUCTURE. AN ACTIVE FILAMENT MARKS AN OTHERWISE DOCILE REGION 614 (N08W03) WHERE SCATTERED FAINT PLAGE SURROUNDS A SINGLE LARGE SUNSPOT.

IB. NO SIGNIFICANT ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS QUIETED DURING THE PAST 12 HOURS. QUIET CONDITIONS SHOULD PREDOMINATE THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 27-29 JULY

CLASS M	05/05/05
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	26 JULY 78
PREDICTED	27-29 JULY 75/75/75
90-DAY MEAN	26 JULY 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	26 JULY 20
ESTIMATED AFR/AP	27 JULY 13/16
PREDICTED AFR/AP	27-29 JULY 13/16 - 08/10 - 08/10
SOLTERWARN	
BT	

GEOALERT WWA208 270300
91226 10610 20760 30182 49950
10307 00000 41208 01000
MINOR GEOMAGNETIC STORM CONTINUES
80627 77773 10307 QUIET 41208 ERUPTIVE
SOLQUIET MAGALERT 27
FIN
SOLTERWARN

HFUS 1 BOU 272200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 208
JOINT AFGWCAXSESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 27 JULY 1975

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 615 (N08W23) HAS GROWN SLIGHTLY SINCE YESTERDAY AND NOW APPEARS AS A SIMPLE TYPE-D GROUP OF 100 MILLIONTHS AREA. ACTIVITY THERE HAS BEEN LIMITED TO TWO SUBFLARES WITH DARK SURGES AND VERY SLIGHT SOFT-XRAY EMISSION. REGION 614 (N06W07) CONTINUES WITH A SINGLE MAIN SPOT AND SHORT-LIVED SATELLITE SPOTS. A FILAMENT WITHIN AND NORTH OF THE REGION IS ACTIVE.

IB. ACTIVITY INDICES MAY INCREASE SLIGHTLY WITH THE RETURN OF REGION 606 ON JULY 29-30. A LOW-ENERGY FLARE OF IMPORTANCE ONE OPTICALLY COULD RESULT IF THE FILAMENT IN REGION 614 ERUPTS.

II. THE GEOMAGNETIC FIELD BECAME QUIET AFTER 0900Z TODAY. MINOR STORM CONDITIONS OCCURRED AT HIGH LATITUDES 03-06Z. QUIET CONDITIONS WILL PREVAIL THROUGHOUT THIS 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	28-29 JULY 08/10 - 08/10 - 08/10
SOLTERWARN	
BT	