

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