

HEUS: 1 BOU 061230

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLORADO  
SDF NUMBER 187 A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 06 JULY 1981

I. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
05/1200Z TO 06/1200Z:

SOLAR ACTIVITY HAS BEEN LOW WITH ONLY OCCASIONAL LOW LEVEL  
CLASS C X-RAY BURSTS OCCURRING. REGION 3180 (S 16W68) CONTINUES  
TO DECAY. ALL OTHER DISK REGIONS ARE SIMPLE IN STRUCTURE.

II. SOLAR ACTIVITY FORECAST:

SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

III. GEOPHYSICAL SUMMARY AND FORECAST:

THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE AT MID  
LATITUDES. A SMALL EQUATORIAL CORONAL HOLE IS EXPECTED TO  
PRODUCE ACTIVE CONDITIONS ON 07 JULY. A LARGE CORONAL HOLE IN  
THE NE QUADRANT OF THE SUN IS EXPECTED TO PRODUCE ACTIVE  
CONDITIONS BEGINNING ON 09 JULY.

IV. EVENT PROBABILITIES: 07 - 09 JUL

CLASS M 20/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

V. OTTAWA 10.7 FLUX

OBSEVED 05 JUL 148

ESTIMATED 06 JUL 140

PREDICTED 07-09 JUL 135/130/130

90 DAY MEAN 05 JUL 189

VI. GEOMAGNETIC A INDICES

OBSEVED AFR 04 JUL 13 AP 05 JUL 12

ESTIMATED AFR 05 JUL 12 AFR/AP 06 JUL 13/21

PREDICTED AFR/AP 07-09 JUL 15/15 12/15 15/15

SOLFERWARN

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HFUS 3 BOU 062200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO  
SDF NUMBER 187B  
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 06 JULY 1981

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/1200Z  
TO 06/2100Z: SOLAR ACTIVITY HAS CONTINUED AT LOW LEVELS.  
NO FLARES WERE OBSERVED DURING THIS PERIOD.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
CONTINUE AT LOW LEVELS. THE PROBABILITY OF AN M-CLASS EVENT  
WILL CONTINUE TO DECLINE AS REGION 3180 ROTATES OFF THE VISIBLE  
DISK. IT IS NOW AT S16W73.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD IS  
FORECAST TO CONTINUE AT UNSETTLED LEVELS, AS IT HAS DURING  
THE PAST SEVERAL DAYS.

III. EVENT PROBABILITIES 07 JULY - 09 JULY

CLASS M	20/10/05
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	06 JULY 144
PREDICTED	07-09 JULY 148/135/130
90-DAY MEAN	06 JULY 187

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP	05 JULY 13/12
ESTIMATED AFR/AP	06 JULY 13/21
PREDICTED AFR/AP	07-09 JULY 15/15 - 12/15 - 15/15

SOLTERWARN  
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