

HELIX 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

IA. 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 (S16W68) CONTINUES
TO DECAY. ALL OTHER DISK REGIONS ARE SIMPLE IN STRUCTURE.

IB. SOLAR ACTIVITY FORECAST:

SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. GEOPHYSICAL SUMMARY AND FORECAST:

THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED 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.

III. EVENT PROBABILITIES: 07 - 09 JUL

CLASS M 20/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 FLUX

OBSERVED 05 JUL 148

ESTIMATED 06 JUL 140

PREDICTED 07-09 JUL 135/130/130

90 DAY MEAN 05 JUL 189

V. GEOMAGNETIC A INDICES

OBSERVED 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

SOLTERWARN

BT

HFUS 3 BOU 062200Z

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 06/12Z 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 140/135/130

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

BT