

HFUS 1 BOU 040445

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 186A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 04 JULY 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
REGION 720 (N21W03), A SMALL B TYPE SPOT, HAS CONTINUED ITS SLOW
SPOT GROWTH.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW DURING THE REST
OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE
DURING THE PAST EIGHT HOURS AND IS EXPECTED TO REMAIN SO FOR THE
REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 04 JULY - 06 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM. FLUX

OBSERVED 03 JULY 67

PREDICTED 04-06 JULY 66/66/66

90-DAY MEAN 03 JULY 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 JULY 10

ESTIMATED AFR/AP 03 JULY 12/16

PREDICTED AFR/AP 04-06 JULY 14/14 - 10/10 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 041430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 186B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 04 JULY 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 16 HOURS.
NO FLARES HAVE BEEN REPORTED. REGION 720 (N21W08) IS NOW A
C-CLASS GROUP IN WHITE LIGHT BUT GROWTH HAS APPARENTLY SLOWED
OR STOPPED.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.
NO BICENTENNIAL SOLAR FIREWORKS ARE ANTICIPATED.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED DURING
THE PAST 16 HOURS. HOWEVER, A MAGNETIC BAY WAS OBSERVED
BETWEEN 0800 AND 0900Z WHICH PRODUCED A K-VALUE OF 5 AT MID-
LATITUDES. THE FIELD SHOULD BE UNSETTLED TO SLIGHTLY ACTIVE
THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 04-06 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

RCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 JUL 67

PREDICTED 04-06 JUL 66/66/66

90-DAY MEAN 03 JUL 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 JUL 10

ESTIMATED AFR/AP 03 JUL 12/16

PREDICTED AFR/AP 04-06 JUL 14/14 - 10/10 - 10/10

SOLTERWARN

BT

XHFUS 1 BOU 042200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 186
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 04 JULY 1976

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW DURING THE PAST 24 HOURS. NO SOLAR FLARES HAVE BEEN REPORTED. REGION 720 (N21W13) SEEMS TO HAVE REACHED ITS PEAK DEVELOPMENT WITHOUT FLARING AND IS NOW DECLINING.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW DURING THE FORECAST PERIOD.

III. THE GEOMAGNETIC FIELD HAS BEEN ESSENTIALLY UNSETLED DURING THE PAST 24 HOURS. MOST MID-LATITUDE K-VALUES HAVE BEEN 2 OR 3. A MAGNETIC BAY FROM 0800 TO 0900Z CAUSED A TEMPORARY ELEVATION OF MAGNETIC INDICES. THE FIELD IS EXPECTED TO BE GENERALLY UNSETLED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 05-07 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 JUL 67

PREDICTED 05-07 JUL 67/67/68

90-DAY MEAN 04 JUL 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 JUL 12

ESTIMATED AFR/AP 04 JUL 11/15

PREDICTED AFR/AP 05-07 JUL 10/10 - 10/10 - 07/07

SOLTERWARN

BT